FIFTEENTH ANNUAL REPORT

OF THE

COMMISSIONER OF LABOR.

1900.

A COMPILATION OF WAGES IN COMMERCIAL COUNTRIES FROM OFFICIAL SOURCES.

VOLUME I.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1900.

L1.1:
1899/1900

CONTENTS.

VOLUME I.

	Page.
PREFACE	5–7
CHAPTER I.—Introduction	9–32
CHAPTER II.—General table—Rates of wages in various occupations in commercial countries	33–864

VOLUME II.

CHAPTER II.—General table—Rates of wages in various occupations in commercial countries	865–End.

PREFACE.

For many years demands have been made upon the Department of Labor for wage statistics of different countries. These demands have come from all sources—Congressional committees, members of the Senate and House, labor organizations, students, and writers. The only answer to the demands which the Department has been able to make is to refer to individual reports here and there. Such an answer, of course, has been very unsatisfactory. Reference could be made to voluminous collections of wage statistics in the past, especially to the valuable report of Dr. Edward Young, chief of the United States Bureau of Statistics of the Treasury Department in 1875, entitled Labor in Europe and America, being a special report on the rates of wages, cost of subsistence, and the condition of the working classes in Great Britain, France, Belgium, Germany, and other countries of Europe, as well as in the United States and British America, and to the report (in three volumes) by the honorable Secretary of State, in 1884, of which Volumes I and II, entitled Labor in Europe, are made up from the individual reports of consuls of the United States in the several countries of Europe on the rates of wages, cost of living to the laboring classes, etc., and Volume III, entitled Labor in America, Asia, Africa, Australasia, and Polynesia, gives reports of consuls in those countries on the same subjects. In neither of these valuable documents, however, are the rates of wages arranged by years or classified by countries in such a way as to serve for ready reference. The Department's own reports, too, have from time to time presented large masses of original wage statistics; but these, being incidental to the general subjects of the reports, have usually been limited to particular periods, industries, or localities.

In order to answer the very numerous demands for information relative to the rates of wages, hours of labor, etc., this Department undertook, nearly seven years ago, the compilation of such information for the commercial countries of the world. It was beyond the means of the Department to collect the desired information from original

sources. We were therefore obliged to content ourselves with a compilation of the information from such authentic official sources as could be secured. The result is the Fifteenth Annual Report of the Commissioner of Labor, in two volumes. It is only what it pretends to be—a compilation. It is, therefore, a work of reference, and not a study of the wage question. The very nature and magnitude of the work have prevented any summary or analysis. Such a summary would have necessitated calculations showing the course of wages in each country for all the years for which any quotations are given, and also for each occupation. It is believed that the method adopted furnishes the requisite fundamental information for all who may have occasion to use it.

The present compilation includes the lowest, highest, and average rates of wages per day and hours of work per week for the United States, and the lowest and highest rates and hours for foreign countries. It gives quotations for each country as far back as any definite official statement was to be found, and the quotations come down to the present year (1900). In all, 714 different reports are represented, and about 900,000 separate quotations, and these have been classified under approximately 4,500 occupations and subdivisions of occupations. The extent of the work involved can be better understood when it is stated that at least 1,500 different official reports have been carefully reviewed in order to secure authentic information. Of course, wage rates were not found in all that number, although 1,250,000 quotations were copied and classified, out of which 900,000 were found sufficiently definite for the purposes of this report. The information is for practically all of the States and Territories of the United States, and for about 100 foreign countries, colonies, and provinces, of which the following is a nearly complete list:

Algeria.	British Guiana.	Cuba.
Antigua.	British Honduras.	Denmark.
Argentina.	British India.	Dutch East Indies.
Australia.	Canada.	Ecuador.
Austria-Hungary.	Canary Islands.	England.
Azores.	Cape of Good Hope.	Egypt.
Bahama Islands.	Ceylon.	Falkland Islands.
Barbadoes.	Chile.	France.
Belgium.	China.	Germany.
Bermuda.	Colombia.	Gibraltar.
Bolivia.	Corsica.	Great Britain. (*a*)
Brazil.	Costa Rica.	Greece.

a Subdivided under England, Scotland, and Wales whenever possible.

Guadeloupe.
Hawaiian Islands.
Honduras.
Ireland.
Italy.
Jamaica.
Japan.
Korea.
Liberia.
Luxemburg.
Madagascar.
Madeira Islands.
Malta.
Martinique.
Mexico.
Morocco.
Natal.
Netherlands.
Newfoundland.
New Zealand.
Nicaragua.
Norway.
Paraguay.
Persia.
Peru.
Philippine Islands.
Portugal.
Porto Rico.
Russia.
Saint Christopher.
Saint Thomas.
Samoa.
Santo Domingo.
San Salvador.
Scotland.
Senegal.
Servia.
Siam.
Sierra Leone.
Spain.
Straits Settlements.
Sweden.
Switzerland.
Tobago Island.
Trinidad.
Tripoli.
Tunis.
Turkey.
Turkey in Asia.
Uruguay.
Venezuela.
Wales.

As the quotations are arranged alphabetically by occupations, an index does not seem to be essential; and, in fact, to make one would expand the size of the report to very great proportions.

As stated in the introduction, the Department disclaims all responsibility for the scientific value of the data compiled, except so far as they are taken from the previous reports and documents issued by it, yet the greatest care has been taken to secure only those statements which have official sanction in the countries from which they emanate.

It is with regret that I have to announce the death of Mr. Oren W. Weaver, who was the chief clerk from the organization of the Bureau of Labor in January, 1885, to April 27, 1900. Mr. Weaver's services have been gratefully acknowledged from time to time. His fidelity to and interest in the work of the Department have been of very great value in its development and in the character of its publications. Mr. G. W. W. Hanger, who came into the Department under civil-service rules at the lowest clerical salary, and who has passed through every grade, was on the death of Mr. Weaver appointed chief clerk, and it is with pleasure that I acknowledge the valuable service he has rendered in the difficult compilation resulting in this report.

CARROLL D. WRIGHT,
Commissioner of Labor.

DEPARTMENT OF LABOR,
Washington, D. C., November 22, 1900.

CHAPTER I.

INTRODUCTION.

CHAPTER I.

INTRODUCTION.

This report is a compilation of the wages and hours of labor of persons engaged in all occupations for all countries of the world for which data have been officially published and for years extending back as far as could be obtained from such data. The work, which required the examination of hundreds of volumes and the copying and classification of thousands of quotations, was begun in 1894, and has been continued at intervals in connection with the other and more pressing work of the Department.

In using this compilation it should be clearly understood that the matter here published has not been gathered by original research or a canvass by the agents of the Department of the establishments in which the persons involved have been engaged (except so far as the data have been drawn from the published reports of the Department), but that it is simply a compilation as to wages and hours of labor of all of the available official publications of the commercial countries of the world. The various data relating to wages which have been published in the various reports of the Department have almost invariably been secured from the pay rolls of the establishments in which the individuals concerned have been employed. In this compilation, however, the Department has no knowledge in most cases as to the manner in which the figures were gathered by the various offices publishing the same, and therefore can be responsible only for quotations from its own reports and for the accuracy of the work of transcribing, editing, and compiling the data from the various reports used. The facts are given as found in the various official publications, with only such changes as were necessary to render the tabulation uniform.

SOURCES.

The data presented in this report, as has been indicated above, have been drawn entirely from official publications, and due credit has been given. The comparatively small number of books of private authorship which contain wage data have been excluded from this compilation, the intention of the Department being to include only such data as have been published with official sanction. The list of these sources is found on pages 21 to 32, immediately preceding the table itself. With a very few exceptions all of the reports of the Federal and State

governments of the United States have been accessible to the Department, and but a small number of foreign reports are known to exist which have not been available for use in this compilation. It will be seen, then, that this compilation may be considered exhaustive for the United States and nearly so for foreign countries.

METHOD OF COMPILING.

In this compilation the data relating to wages found in each of the 714 reports used in the same were transcribed literally upon small working cards. These cards were then classified and tabulated in the form shown in the compilation which follows. In the course of the copying of these data from the various reports it was soon realized that in order to make the data found there of any value in a comparative way it would be necessary to carefully edit and classify the same. Every variety of wording and form of tabulation were found; occupation and industry names were expressed in almost innumerable ways; hours were given for the day, the week, or the month, and wages were given for the hour, the day, the week, the month, or the year. Piece rates have been excluded except in a few cases, as is explained further along. Had the data been compiled literally as found in the various reports, many volumes would have been required to contain the results, occupation names would have numbered into the tens of thousands, and the results themselves would have been so scattered and confusing as to have rendered the report of little practical value. It was necessary, therefore, to edit this heterogeneous matter and put it in such form as would render it valuable when tabulated.

It was intended at first to make a classification by general industries, such as agriculture, manufactures, mining, etc., with subclassifications under each of these general industries—as cotton goods, harness and saddlery, etc., under manufactures—and, finally, under each subindustry to show the data by occupations. This plan was found open to the objection that the same occupation would be found scattered among several industries, and a study of the occupation itself thus made difficult, if not impossible. Occupations were also frequently found without any reference whatever to the industry with which they were connected, so that they could not have been so classified. It was thought best, therefore, to make no other classification than that by occupations, using the industry only when necessary for additional information, and then as a modifier of the occupation itself. In illustration of the work of editing the occupation, that of "section men, railroad," may be taken as an example. In the original sources this occupation was found variously worded, as follows: "Section men, railroad;" "section hands, railroad;" "section laborers, railroad;" "track laborers, railroad;" "track repairers, railroad;" "trackmen, railroad;" "laborers on way, railroad;" and "yard laborers, track depart-

ment, railroad." It was thought that all of these expressions covered practically but one kind of work, and inasmuch as the term "section men, railroad," was the predominating one, all the data which were found in connection with the other terms expressing the work of this occupation were combined under the occupation name of "section men, railroad." It will be readily seen that for purposes of comparison such a combination of the data relating to practically the same occupation is much better than an indefinite multiplication of occupation names and thinly scattered data relating to the same.

As an illustration of the various industries in which the same occupation is found, that of blacksmith may be taken. It has been found that of the industries in which blacksmiths are employed the following is a partial list: Agricultural implements, bolt works, bridge works, car building, carriages and wagons, coal mining, cotton mills, engine works, foundry, gas works, glass works, iron furnace, iron mine, machine shop, oil wells, printing-press works, railroad shops, shipbuilding, tool factory, etc. As has been stated, this is but a small portion of the whole number of industries that might be named wherein blacksmiths were found employed. While it is possible that some might desire to know the wages of blacksmiths in each of the several industries, it is believed that generally the reader would prefer to have the data relating to this occupation condensed rather than spread over the many industries. As the work in this occupation is practically the same, no matter in what industry it may be found, and for the other reasons stated, blacksmiths have been placed in one class, unmodified by industry. If but one, or even a few occupations or industries were to be considered, it would undoubtedly have been advisable to give the data in the greatest detail, as has been done in many individual reports, but in a work of this scope such a course was deemed impracticable. In most of the occupations the distinction between "foreman," "journeyman," and "helper" have been made in the various reports and have been so presented in this compilation. In one of the largest occupations, however, that of machinists, a hopeless tangle was found. It will be seen by the great range of wages that this occupation, as given in the compilation which follows, includes both highly skilled and low-grade labor. The data were thus found in a great many of the sources quoted. In one table alone which was found in a report used in this compilation, approximately 8,000 so-called "machinists" were included. It was seen at once from the wages given that there had been included in this table, under the occupation name of machinist, not only machinists proper, but also foremen of all classes, apprentices, and helpers of the lowest grade as well. The data were thus given in a great many of the sources quoted. There was no possibility of separating the three distinct classes that were positively known to be contained therein—journeymen, foremen, and helpers or

apprentices. As so many foremen and helpers were known, then, to be inseparably included in almost every statement found, the small number reported separately as foremen and helpers were thrown into the general occupation, which must be understood to include all employees on the machinists' roll, from the lowest-paid apprentice to the highest-paid foreman. The value of the data, therefore, for machinists is lessened by reason of this inclusion, but no other course was possible.

In editing the various data found all indefinite statements were omitted entirely, such as wages for all employees of an establishment, and wages for several combined occupations, the intention being to include only those quotations which were for a single specific and reasonably well-defined occupation. A few unimportant occupations having not more than three different quotations have been excluded as being of not sufficient importance to occupy space.

It was often found difficult to determine how broad an expression might be and yet remain specific enough to be considered an occupation name. In this connection it may be stated also that many occupations reasonably specific are yet composite. A large, closely organized establishment may have its working force divided into many classes, while in a similar establishment an occupation may be used to cover several of the more specific ones of the other establishment. For example, one establishment may use the terms "shirt-bosom maker," "collar maker," "shirt maker," etc., while a second establishment may use but the one term "shirt maker," covering the whole labor of making a shirt. There is no doubt also that many employees originally reported and here compiled as sewing-machine operators were engaged in working on shirts. To make a division that the establishment itself had not made, and of which the reports offered no clew, was, of course, impossible.

Foreign occupation names also offered many difficulties. The methods of manufacture and the disposition of employees as regards the specific work done by each were found to differ greatly from the conditions in our own country. In the classification of these occupations the Department has fortunately had the services of experts in its own force, who are thoroughly acquainted with conditions abroad and splendidly equipped for this very work. In regard to these occupation terms the effort has been to ascertain first the specific work represented by each and then classify under the occupation name in our own language which covered the same.

In this editing of occupations it can not be claimed that a perfect classification and wording of the same have been made. To so modify the wording as to bring together the facts for an occupation and still preserve the meaning was a difficult task, owing to the great number of synonymous terms and fine shades of meaning found. Taking into

consideration the differences and uncertainties found in the material from which this compilation has been made, however, coming as it does from hundreds of sources, and being expressed in a number of languages, it is believed that the best that is possible has been done.

CONVERSION OF WAGES EXPRESSED IN FOREIGN MONEYS.

It was not expected that any great difficulty would be encountered in converting into the United States equivalent wages which were expressed in foreign moneys, but when this work was taken up it was found that many difficulties existed. The United States itself has not been on a stable, uniform monetary basis during the whole period of its existence. Since 1792 the United States gold coins have been changed twice, and one slight change has been made in the silver dollar. Much of the paper money which was in circulation before the civil war was depreciated, and Government notes fluctuated in their ratio to gold from 1862 to 1878. All of the quotations found in the various United States and State reports are presented in this compilation in the kind of money given in the original sources. Inasmuch as these sources were uniformly silent as to the kind of money in which wages were paid, the Department has not felt itself warranted in making any reduction or change in the figures from these sources. It may fairly be presumed, however, that a dollar means a representative dollar of the date and State quoted, and it may also be presumed that quotations from 1862 to 1878 are in paper currency, except possibly in the Pacific coast States. For the convenience of those who may wish to know the average value of United States gold in paper currency in the years from 1862 to 1878, the following table, published by the United States Treasury Department, is presented:

AVERAGE VALUE OF UNITED STATES GOLD IN PAPER CURRENCY, 1862 TO 1878

Year.	Average value, for calendar year, of $100 gold in paper currency in New York market.	Year.	Average value, for calendar year, of $100 gold in paper currency in New York market.
1862	$113.3	1871	$111.7
1863	145.2	1872	112.4
1864	203.3	1873	113.8
1865	157.3	1874	111.2
1866	140.9	1875	114.9
1867	138.2	1876	111.5
1868	139.7	1877	104.8
1869	133.0	1878	100.8
1870	114.9		

The greater part of the foreign wage quotations were found expressed in the pound sterling, the franc, and the mark. These and some other monetary units of foreign countries have remained unchanged for years and were easily converted into the United States equivalent.

Other monetary units, however, were found that were not so readily converted. Among them were the old English, German, Norwegian, Dutch, and Austrian moneys, and the ever shifting moneys of Japan, China, Mexico, India, etc. All foreign moneys have been converted into the United States gold equivalent, and this should be constantly borne in mind in making comparison of domestic and foreign wages. The pound sterling has from 1816 up to the present time contained the same amount of gold, and manifestly in order to compare English wages for one year with another the pound must be given a uniform valuation during that period. For this reason the fluctuations of exchange have been ignored and the conversion made uniformly on the basis of $4.8665 as the equivalent of one pound sterling. Before 1816 there may be a doubt as to the value of the pound, but after consulting several authorities on this subject it has been thought best to use the same valuation back to 1717. The few quotations for years previous to 1717 have been omitted as being too doubtful for conversion.

The French franc has been unchanged for many years, and in this compilation has been converted at 19.3 cents. The franc of other countries, the lira, the mark, crown, and some other foreign monetary units, have fixed values running back for a shorter period of time. In converting fluctuating moneys the valuations have been taken from the regular published statements of the United States Treasury. In converting old-style moneys and moneys but little used or known the valuations have been taken from the Statesman's Yearbook and through the English converted into United States money.

YEAR COVERED.

The year tabulated is the year in which the wages quoted were paid. On this subject many reports were perfectly clear. The statement was clearly and positively made, either in the introduction of the book or in connection with the wages, as to the exact year of the data. Other reports, however, were absolutely silent on the question, and it could only be presumed in these cases that the wages were for the year of publication. Biennial reports gave particular trouble in this respect, some furnishing information as to the year to which the data applied, which might be either one or both of the years covered by the report, while others made no mention of the particular year. In the latter case the second year of the two nominally covered by the report was fixed on as the year to which the data applied.

LOCALITY.

Had the data in all cases been given it would no doubt have added to the value of the compilation to have included information as to the city or county in the State of the United States, and the province or

city in foreign countries, to which each quotation applied. This information, however, was given in but a small proportion of the instances, and it was found impracticable to publish the quotations other than by State or country.

SEX.

Many of the reports which furnished data as to wages plainly stated the sex of the persons for whom wages were shown. Other reports were either entirely silent on this subject or furnished information with reference to but part of the data given. Frequently two quotations were found in the same report for the same occupation, as, for instance, blacksmiths. With one quotation the sex was given; with the other quotation, of an equal or even higher rate, no statement was made as to sex. Rather than use two lines in the tabulation of this statement—one for "males" and one for "sex not reported"—it was thought better to assume that the second quotation was for a male person and combine the two in one average when everything appeared to support the correctness of the assumption.

HOURS OF LABOR.

The hours of labor were reported generally by the day or week, although occasionally they were given by the month. For the sake of uniformity it was necessary to reduce all these statements to a common basis, and to do this it was necessary to determine the days of work per week in all occupations. It is quite possible that some error of judgment has occurred in this classification, although it is thought that this has occurred in but few cases. Hours per day have been changed to hours per week by multiplying by 6 or by 7, as the occupation was stated or was presumed to be one of six or seven days per week.

RATES OF WAGES.

Rates were found reported by the hour, day, week, month, or year—in some cases by the piece. Piece rates, however, were excluded, except for a few occupations having piece-rate units generally understood. In order to secure uniformity of tabulation it was found necessary to reduce all time rates to a common basis. In most instances these rates were given by the day, and for this reason all rates were reduced to this basis. In many cases it was stated that the occupation was one in which work was carried on either six or seven days per week. Where this was not stated, however, it was necessary to arbitrarily class the quotation for a given occupation as engaged six or seven days per week, and this has been done in some instances. Weekly wages were reduced to daily by dividing by 6 or 7, as the case was known or presumed to be. Monthly rates were

reduced by multiplying by 12 and dividing by 313 or 365, while yearly rates were reduced by dividing by 313 or 365, as the case might be. The table shows the lowest and highest rates reported, and in data for the United States the average rate is also given.

No quotations were accepted for the United States unless the number of employees was given, and with such data it was possible to secure a scientific average. It was found, however, that if the same rule were applied to foreign data comparatively few quotations could be secured, inasmuch as a very large proportion of the quotations from foreign reports were not accompanied by data as to the number of employees. It will be clearly seen that a true average could be computed only by multiplying each rate by the number engaged thereat, adding the products, and dividing the sum by the whole number of persons considered. The number of employees, as has been stated, was seldom given with foreign quotations; hence the true average could seldom be computed for these data. Owing to this fact it was deemed best to omit both the number of persons and the average in the few cases where they might have been given. The effort was made by the study of a number of occupations to determine upon a representative mean rate in connection with foreign quotations to correspond with the true average of domestic wages. After considerable work in this direction, however, it was found that anything which could be selected would probably be incorrect and misleading, and for this reason the attempt to select such a representative mean rate was discontinued. The lowest and highest rates given are the lowest and highest found. They must not be considered as the exact lowest and highest uniformly, for the reason that many reports appeared to be careless in their presentation, wages being given without any statement as to whether actual or average. The reader, therefore, can only infer from the appearance of the data whether the quotation represents an actual rate paid, an average rate paid, or average earnings. The attempt was made in copying these data to designate in every instance whether the rate was actual or average, but it was found practically impossible to do so with any certainty, as statements were not often made as regards this point. It will thus be seen that the figures which are given for lowest and highest may themselves be averages, the lowest and highest rates found in this report being here presented as lowest and highest.

ARRANGEMENT OF COMPILATION.

A systematic arrangement of the compilation was of course necessary to make it readily usable. The arrangement adopted is as follows: (1) The occupation classification is the first one, the occupations being arranged strictly in alphabetical order; (2) under each occupation the years are arranged in order, the earliest years appearing first; (3) under each year the States are given in alphabetical order, and

these are followed by foreign countries arranged in a similar manner; (4) under each State or foreign country the sources of the information are then given; (5) under each source the sexes are arranged in the order of male, female, and not reported; (6) the hours of labor per week and the wages per day are then presented for each sex class.

MANNER IN WHICH COMPILATION SHOULD BE USED.

The following example shows the method of using the compilation:

Let us suppose that it be desired to find the wages of carpenters in Great Britain in 1893. First find the table for carpenters, which appears in alphabetical order among the other occupations; follow the column for years until 1893 is found; follow the States and countries in 1893 until Great Britain is reached. Here it is found that according to information derived from report No. 578 male carpenters worked from 50 to 54 hours per week, and earned from $1.61 to $1.73 per day. Turning to the list of sources on page 29, report No. 578, which furnishes the quotation, is found to be Report on the Strikes and Lockouts of 1892, published by the Labor Department of the Board of Trade.

For a more complete understanding as to the form of the general table a section of that portion relating to boiler makers is given below:

BOILER MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—	
			Hours of work per week.	Rates of wages per day (dollars).
1839 England ..	562	(a) M.	58-58-58	0.89-0.89-0.89
1840 England ..	564	(a) (a)	61-61-61	.61-1.01- —
1844 N. Y.....	190	3 M.	60-60-60	1.00-1.25-1.17
1845 N. Y.....	190	3 M.	60-60-60	1.00-1.38-1.13
1846 N. Y.....	190	4 M.	60-60-60	1.00-1.38-1.09
1847 N. Y.....	190	8 M.	60-60-60	1.00-1.50-1.16
1848 N. Y.....	190	9 M.	60-60-60	1.00-1.50-1-21
1849 N. Y.....	190	5 M.	60-60-60	1.25-1.50-1.33
1849 England ..	562	(a) M.	58-58-58	1.22-1.22-1.22
1850 N. Y.....	190	5 M.	60-60-60	1.25-1.38-1.30
1850 England ..	564	(a) (a)	61-61-61	.73- .85- —
1851 N. Y.....	190	12 M.	60-60-60	1.13-1.50-1.28
1852 N. Y.....	190	18 M.	60-60-60	1.13-1.90-1.42
1853 Conn.....	190	29 M.	60-60-60	1.00-2.25-1.49
1853 France....	712	(a) M.	(a)	.43- .87- —
1854 Conn.....	190	41 M.	60-60-60	1.00-2.25-1.41
1854 N. Y.....	190	19 M.	60-60-60	1.13-1.63-1.45
1855 Conn.....	190	18 M.	60-60-60	1.10-2.25-1.49
1855 Md.....	190	4 M.	60-60-60	1.50-2.50-1.79
1855 N. Y.....	190	18 M.	60-60-60	1.13-1.75-1.51
1855 England ..	561	(a) (a)	(a)	1.14-1.14-1.14
1856 Conn.....	190	24 M.	60-60-60	1.20-2.37-1.59
1856 Md.....	190	7 M.	60-60-60	1.50-2.50-1.69
1856 N. Y.....	190	22 M.	60-60-60	1.25-1.88-1.54
1856 England ..	561	(a) (a)	(a)	1.14-1.14-1.14
1856 Scotland ..	562	(a) M.	(a)	.85- .97- —
1857 Conn.....	190	33 M.	60-60-60	1.20-2.50-1.72
1857 Md.....	190	4 M.	60-60-60	1.50-2.50-1.83
1857 N. Y.....	190	14 M.	60-60-60	1.25-1.88-1.58
1857 England ..	561	(a) (a)	(a)	1.14-1.14-1.14
1857 Ireland ...	561	(a) (a)	(a)	.89-1.30- —
1857 Scotland ..	562	(a) M.	(a)	.85-1.01- —

a Not reported.

The above section relates to the wages paid boiler makers for the years from 1839 to 1857. As will be seen, no wages for this occupation in the United States prior to 1844 were found. The first line shows that the report numbered 562 furnished a quotation for England for 1839; by reference to page 29, the specific name of the report numbered 562 is found to be "Miscellaneous Statistics of the United Kingdom, 1856–58," published by the Board of Trade of Great Britain. On the next line report 564 is quoted. This is found in the list of sources to be "Miscellaneous Statistics of the United Kingdom, 1859–61." The first report shows that boiler makers, the number not being reported, worked 58 hours per week and were paid 89 cents per day in England in 1839, while the second report shows that boiler makers, number not reported, worked 61 hours per week in England in 1840, and were paid wages as low as 61 cents and as high as $1.01 per day. Taking up the year 1856, for which data for both domestic and foreign wages are given, it will be seen that the data for the different States of the United States are given first, and these are followed by the data for foreign countries. The first statement for this year is for the State of Connecticut, and shows that the data were secured from the report numbered 190, which was that of the United States Senate Committee on Finance, entitled "Wholesale Prices, Wages, and Transportation." As in all domestic wages shown in this compilation, the number of the employees covered is given. In this particular instance 24 employees are included who are males, and the final columns show that the hours of labor worked per week were uniformly 60, while the lowest rate of pay was $1.20 per day, the highest $2.37, and the average $1.59. The data relating to other States and countries, for which quotations were found, may be used in a similar manner.

The list of the official reports from which wage data were secured, together with the report number relating to each, which will enable the reader to find the specific name of any report referred to in the table, will be found in this volume immediately preceding the table. This list may also be found immediately preceding the continuation of the table in Volume II of the report. Immediately following the specific name of each report is found (inclosed in a parenthesis) the date of publication of the report.

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
1	United States: Department of Labor—First Annual Report. (1886.)
2	United States: Department of Labor—Third Annual Report. (1888.)
3	United States: Department of Labor—Fourth Annual Report. (1889.)
4	United States: Department of Labor—Fifth Annual Report. (1890.)
5	United States: Department of Labor—Sixth Annual Report. (1891.)
6	United States: Department of Labor—Seventh Annual Report. 2 vols. (1892.)
7	United States: Department of Labor—Eleventh Annual Report. (1897.)
8	United States: Department of Labor—Thirteenth Annual Report. (1899.)
9	United States: Department of Labor—Sixth Special Report. (1893.)
10	United States: Department of Labor—Seventh Special Report. (1894.)
11	United States: Department of Labor—Eighth Special Report. (1895.)
12	United States: Department of Labor—Ninth Special Report. (1897.)
13	United States: Department of Labor—Bulletin No. 3. (1896.)
14	United States: Department of Labor—Bulletin No. 7. (1896.)
15	United States: Department of Labor—Bulletin No. 10. (1897.)
16	United States: Department of Labor—Bulletin No. 18. (1898.)
17	United States: Department of Labor—Bulletin No. 22. (1899.)
18	United States: Department of Labor—Bulletin No. 29. (1900.)
19	United States: Department of Labor—Results of Copyright Act. (Not pub.)
20	United States: Department of Labor—Rates of Wages, 1892–1895. (Not pub.)
21	United States: Department of State—Consular Reports Nos. 1, 2, 3. (1881.)
22	United States: Department of State—Consular Report No. 5. (1881.)
23	United States: Department of State—Consular Report No. 9. (1881.)
24	United States: Department of State—Consular Report No. 10. (1881.)
25	United States: Department of State—Consular Report No. 12. (1881.)
26	United States: Department of State—Consular Report No. 14. (1881.)
27	United States: Department of State—Consular Report No. 15. (1882.)
28	United States: Department of State—Consular Report No. 16. (1882.)
29	United States: Department of State—Consular Report No. 17. (1882.)
30	United States: Department of State—Consular Report No. 18. (1882.)
31	United States: Department of State—Consular Report No. 19. (1882.)
32	United States: Department of State—Consular Report No. 20. (1882.)
33	United States: Department of State—Consular Report No. 23. (1882.)
34	United States: Department of State—Consular Report No. 24. (1882.)
35	United States: Department of State—Consular Report No. 25. (1882.)
36	United States: Department of State—Consular Report No. 26. (1882.)
37	United States: Department of State—Consular Report No. 27. (1883.)
38	United States: Department of State—Consular Report No. 29. (1883.)
39	United States: Department of State—Consular Report No. 30. (1883.)
40	United States: Department of State—Consular Report No. 31. (1883.)
41	United States: Department of State—Consular Report No. 32. (1883.)
42	United States: Department of State—Consular Report No. 34. (1883.)
43	United States: Department of State—Consular Report No. 36. (1883.)
44	United States: Department of State—Consular Report No. 37. (1884.)
45	United States: Department of State—Consular Report No. 38. (1884.)
46	United States: Department of State—Consular Report No. 39. (1884.)
47	United States: Department of State—Consular Report No. 40. (1884.)
48	United States: Department of State—Consular Report No. 41. (1884.)
49	United States: Department of State—Consular Report No. 42. (1884.)
50	United States: Department of State—Consular Report No. 46. (1884.)
51	United States: Department of State—Consular Report No. 47. (1884.)
52	United States: Department of State—Consular Report No. 48. (1884.)
53	United States: Department of State—Consular Report No. 50. (1885.)
54	United States: Department of State—Consular Report No. 53. (1885.)
55	United States: Department of State—Consular Report No. 58. (1885.)
56	United States: Department of State—Consular Report No. 59. (1885.)
57	United States: Department of State—Consular Report No. 60. (1886.)
58	United States: Department of State—Consular Report No. 61. (1886.)
59	United States: Department of State—Consular Report No. 62. (1886.)
60	United States: Department of State—Consular Report No. 63. (1886.)
61	United States: Department of State—Consular Report No. 64. (1886.)
62	United States: Department of State—Consular Report No. 66. (1886.)
63	United States: Department of State—Consular Report No. 67. (1886.)
64	United States: Department of State—Consular Report No. 68. (1886.)
65	United States: Department of State—Consular Report No. 69. (1886.)
66	United States: Department of State—Consular Report No. 70. (1886.)
67	United States: Department of State—Consular Report No. 71. (1886.)
68	United States: Department of State—Consular Report No. 73. (1887.)
69	United States: Department of State—Consular Report No. 74. (1887.)
70	United States: Department of State—Consular Report No. 75. (1887.)
71	United States: Department of State—Consular Report No. 76. (1887.)
72	United States: Department of State—Consular Report No. 78. (1887.)
73	United States: Department of State—Consular Report No. 82. (1887.)
74	United States: Department of State—Consular Report No. 84. (1887.)
75	United States: Department of State—Consular Report No. 86. (1887.)
76	United States: Department of State—Consular Report No. 87. (1887.)
77	United States: Department of State—Consular Report No. 88. (1888.)
78	United States: Department of State—Consular Report No. 89. (1888.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
79	United States: Department of State—Consular Report No. 92. (1888.)
80	United States: Department of State—Consular Report No. 94. (1888.)
81	United States: Department of State—Consular Report No. 95. (1888.)
82	United States: Department of State—Consular Report No. 101. (1889.)
83	United States: Department of State—Consular Report No. 102. (1889.)
84	United States: Department of State—Consular Report No. 103. (1889.)
85	United States: Department of State—Consular Report No. 106. (1889.)
86	United States: Department of State—Consular Report No. 107. (1889.)
87	United States: Department of State—Consular Report No. 108. (1889.)
88	United States: Department of State—Consular Report No. 109. (1889.)
89	United States: Department of State—Consular Report No. 113. (1890.)
90	United States: Department of State—Consular Report No. 114. (1890.)
91	United States: Department of State—Consular Report No. 115. (1890.)
92	United States: Department of State—Consular Report No. 116. (1890.)
93	United States: Department of State—Consular Report No. 117. (1890.)
94	United States: Department of State—Consular Report No. 119. (1890.)
95	United States: Department of State—Consular Report No. 120. (1890.)
96	United States: Department of State—Consular Report No. 121. (1890.)
97	United States: Department of State—Consular Report No. 122. (1890.)
98	United States: Department of State—Consular Report No. 123. (1890.)
99	United States: Department of State—Consular Report No. 124. (1891.)
100	United States: Department of State—Consular Report No. 125. (1891.)
101	United States: Department of State—Consular Report No. 129. (1891.)
102	United States: Department of State—Consular Report No. 130. (1891.)
103	United States: Department of State—Consular Report No. 133. (1891.)
104	United States: Department of State—Consular Report No. 135. (1891.)
105	United States: Department of State—Consular Report No. 136. (1892.)
106	United States: Department of State—Consular Report No. 137. (1892.)
107	United States: Department of State—Consular Report No. 139. (1892.)
108	United States: Department of State—Consular Report No. 142. (1892.)
109	United States: Department of State—Consular Report No. 143. (1892.)
110	United States: Department of State—Consular Report No. 144. (1892.)
111	United States: Department of State—Consular Report No. 146. (1892.)
112	United States: Department of State—Consular Report No. 147. (1892.)
113	United States: Department of State—Consular Report No. 148. (1893.)
114	United States: Department of State—Consular Report No. 149. (1893.)
115	United States: Department of State—Consular Report No. 150. (1893.)
116	United States: Department of State—Consular Report No. 151. (1893.)
117	United States: Department of State—Consular Report No. 152. (1893.)
118	United States: Department of State—Consular Report No. 153. (1893.)
119	United States: Department of State—Consular Report No. 154. (1893.)
120	United States: Department of State—Consular Report No. 156. (1893.)
121	United States: Department of State—Consular Report No. 157. (1893.)
122	United States: Department of State—Consular Report No. 159. (1893.)
123	United States: Department of State—Consular Report No. 163. (1894.)
124	United States: Department of State—Consular Report No. 164. (1894.)
125	United States: Department of State—Consular Report No. 165. (1894.)
126	United States: Department of State—Consular Report No. 167. (1894.)
127	United States: Department of State—Consular Report No. 170. (1894.)
128	United States: Department of State—Consular Report No. 173. (1895.)
129	United States: Department of State—Consular Report No. 174. (1895.)
130	United States: Department of State—Consular Report No. 176. (1895.)
131	United States: Department of State—Consular Report No. 177. (1895.)
132	United States: Department of State—Consular Report No. 178. (1895.)
133	United States: Department of State—Consular Report No. 179. (1895.)
134	United States: Department of State—Consular Report No. 180. (1895.)
135	United States: Department of State—Consular Report No. 181. (1895.)
136	United States: Department of State—Consular Report No. 184. (1896.)
137	United States: Department of State—Consular Report No. 186. (1896.)
138	United States: Department of State—Consular Report No. 187. (1896.)
139	United States: Department of State—Consular Report No. 188. (1896.)
140	United States: Department of State—Consular Report No. 190. (1896.)
141	United States: Department of State—Consular Report No. 192. (1896.)
142	United States: Department of State—Consular Report No. 193. (1896.)
143	United States: Department of State—Consular Report No. 195. (1896.)
144	United States: Department of State—Consular Report No. 206. (1897.)
145	United States: Department of State—Consular Report No. 208. (1898.)
146	United States: Department of State—Consular Report No. 209. (1898.)
147	United States: Department of State—Consular Report No. 211. (1898.)
148	United States: Department of State—Consular Report No. 213. (1898.)
149	United States: Department of State—Consular Report No. 214. (1898.)
150	United States: Department of State—Consular Report No. 215. (1898.)
151	United States: Department of State—Consular Report No. 217. (1898.)
152	United States: Department of State—Consular Report No. 218. (1898.)
153	United States: Department of State—Consular Report No. 219. (1898.)
154	United States: Department of State—Consular Report No. 220. (1899.)
155	United States: Department of State—Consular Report No. 222. (1899.)
156	United States: Department of State—Consular Report No. 226. (1899.)
157	United States: Department of State—Consular Report No. 227. (1899.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
158	United States: Department of State—Consular Report No. 230. (1899.)
159	United States: Department of State—Consular Report No. 233. (1900.)
160	United States: Department of State—Consular Report No. 234. (1900.)
161	United States: Department of State—Consular Report No. 235. (1900.)
162	United States: Department of State—Consular Report No. 236. (1900.)
163	United States: Department of State—Consular Report No. 237. (1900.)
164	United States: Department of State—Annual Report on the Commercial Relations between the United States and Foreign Nations, 1870. (1871.)
165	United States: Department of State—Annual Report on the Commercial Relations between the United States and Foreign Nations, 1871. (1872.)
166	United States: Department of State—Annual Report on the Commercial Relations between the United States and Foreign Nations, 1872. (1873.)
167	United States: Department of State—Annual Report on the Commercial Relations between the United States and Foreign Nations, 1873. (1874.)
168	United States: Department of State—Annual Report on the Commercial Relations between the United States and Foreign Nations, 1874. (1875.)
169	United States: Department of State—Report upon the Commercial Relations of the United States with Foreign Countries, 1875. (1876.)
170	United States: Department of State—Report upon the Commercial Relations of the United States with Foreign Countries, 1876. (1877.)
171	United States: Department of State—Report upon the Commercial Relations of the United States with Foreign Countries, 1877. (1878.)
172	United States: Department of State—Report upon the Commercial Relations of the United States with Foreign Countries, 1878. (1879.)
173	United States: Department of State—Report upon the Commercial Relations of the United States with Foreign Countries, 1880 and 1881. (1883.)
174	United States: Department of State—Commercial Relations of the United States with Foreign Countries, 1882 and 1883. 2 vols. (1884.)
175	United States: Department of State—Commercial Relations of the United States with Foreign Countries, 1885 and 1886. 2 vols. (1887.)
176	United States: Department of State—Commercial Relations of the United States with Foreign Countries, 1894 and 1895. 2 vols. (1896.)
177	United States: Department of State—Special Consular Report: State of Labor in Europe, 1878. (1879.)
178	United States: Department of State—Special Consular Report: Labor in Foreign Countries, 1884. 3 vols. (1885.)
179	United States: Department of State—Special Consular Report: Carpet Manufacture in Foreign Countries. (1890.)
180	United States: Department of State—Special Consular Report: Gas in Foreign Countries. (1891.)
181	United States: Department of State—Special Consular Report: Australasian Sheep and Wool. (1892.)
182	United States: Department of State—Special Consular Report: The Stave Trade in Foreign Countries. (1892.)
183	United States: Department of State—Special Consular Reports: Lead and Zinc Mining in Foreign Countries and Extension of Markets for American Flour. (1894.)
184	United States: Department of State—Special Consular Report: Money and Prices in Foreign Countries. 2 vols. (1896, 1897.)
185	United States: Treasury Department—Labor in Europe and America. (1876.)
186	United States: Treasury Department—Report of the Commissioner of Navigation. (1894.)
187	United States: Treasury Department—Report of the Immigration Investigating Commission. (1895.)
188	United States: Department of the Interior, Census Office—Tenth Census of the United States, 1880.
189	United States: Department of the Interior, Census Office—Eleventh Census of the United States, 1890.
190	United States: Senate Committee on Finance—Wholesale Prices, Wages, and Transportation. Senate Report No. 1394, 2d session, 52d Congress. 4 vols. (1893.)
191	United States: Senate—White Pine Lumber in the United States and Canada. Senate Document 70, 55th Congress, 1st session. (1897.)
192	California: Bureau of Labor Statistics—First Biennial Report, 1883–1884. (1884.)
193	California: Bureau of Labor Statistics—Second Biennial Report, 1885–1886. (1887.)
194	California: Bureau of Labor Statistics—Third Biennial Report, 1887–1888. (1888.)
195	California: Bureau of Labor Statistics—Fourth Biennial Report, 1889–1890. (1890.)
196	California: Bureau of Labor Statistics—Fifth Biennial Report, 1891–1892. (1893.)
197	California: Bureau of Labor Statistics—Seventh Biennial Report, 1895–1896. (1896.)
198	Colorado: Bureau of Labor Statistics—First Biennial Report, 1887–1888. (1888.)
199	Colorado: Bureau of Labor Statistics—Fourth Biennial Report, 1893–1894. (1894.)
200	Colorado: Bureau of Labor Statistics—Fifth Biennial Report, 1895–1896. (1896.)
201	Connecticut: Bureau of Labor Statistics—Second Annual Report (2d series), 1886. (1886.)
202	Connecticut: Bureau of Labor Statistics—Fourth Annual Report, 1888. (1889.)
203	Connecticut: Bureau of Labor Statistics—Sixth Annual Report, 1890. (1891.)
204	Connecticut: Bureau of Labor Statistics—Thirteenth Annual Report, 1897. (1897.)
205	Illinois: Bureau of Labor Statistics—First Biennial Report, 1880. (1881.)
206	Illinois: Bureau of Labor Statistics—Second Biennial Report, 1882. (1882.)
207	Illinois: Bureau of Labor Statistics—Third Biennial Report, 1884. (1884.)
208	Illinois: Bureau of Labor Statistics—Fourth Biennial Report, 1886. (1886.)
209	Illinois: Bureau of Labor Statistics—Sixth Biennial Report, 1890. (1891.)
210	Illinois: Bureau of Labor Statistics—Seventh Biennial Report, 1892. (1893.)
211	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1885. (1885.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
212	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1887. (1887.)
213	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1889. (1890.)
214	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1891. (1891.)
215	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1893. (1894.)
216	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1895. (1896.)
217	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois and sup., 1897. (1898.)
218	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1898. (1899.)
219	Illinois: Bureau of Labor Statistics—Statistics of Coal in Illinois, 1899. (1899.)
220	Indiana: Department of Statistics—Third Annual Report, 1881. (1882.)
221	Indiana: Department of Statistics—Fourth Annual Report, 1882. (1883.)
222	Indiana: Department of Statistics—Fifth Annual Report, 1883. (1884.)
223	Indiana: Department of Statistics—Sixth Annual Report, 1884. (1885.)
224	Indiana: Department of Statistics—First Biennial Report, 1885–1886. (1887.)
225	Indiana: Department of Statistics—Second Biennial Report, 1887–1888. (1888.)
226	Indiana: Department of Statistics—Third Biennial Report, 1889–1890. (1891.)
227	Indiana: Department of Statistics—Fourth Biennial Report, 1891–1892. (1892.)
228	Indiana: Department of Statistics—Fifth Biennial Report, 1893–1894. (1894.)
229	Indiana: Department of Statistics—Sixth Biennial Report, 1895–1896. (1896.)
230	Indiana: Department of Statistics—Seventh Biennial Report, 1897–1898. (1898.)
231	Iowa: Bureau of Labor Statistics—First Biennial Report, 1884–1885. (1885.)
232	Iowa: Bureau of Labor Statistics—Second Biennial Report, 1886–1887. (1887.)
233	Iowa: Bureau of Labor Statistics—Third Biennial Report, 1888–1889. (1889.)
234	Iowa: Bureau of Labor Statistics—Fourth Biennial Report, 1890–1891. (1891.)
235	Iowa: Bureau of Labor Statistics—Fifth Biennial Report, 1892–1893. (1893.)
236	Iowa: Bureau of Labor Statistics—Sixth Biennial Report, 1894–1895. (1895.)
237	Iowa: Bureau of Labor Statistics—Seventh Biennial Report, 1895–1896. (1897.)
238	Iowa: Bureau of Labor Statistics—Eighth Biennial Report, 1897–1898. (1899.)
239	Kansas: Bureau of Labor and Industrial Statistics—First Annual Report, 1885. (1886.)
240	Kansas: Bureau of Labor and Industrial Statistics—Second Annual Report, 1886. (1887.)
241	Kansas: Bureau of Labor and Industrial Statistics—Third Annual Report, 1887. (1888.)
242	Kansas: Bureau of Labor and Industrial Statistics—Fourth Annual Report, 1888. (1889.)
243	Kansas: Bureau of Labor and Industrial Statistics—Fifth Annual Report, 1889. (1890.)
244	Kansas: Bureau of Labor and Industrial Statistics—Sixth Annual Report, 1890. (1891.)
245	Kansas: Bureau of Labor and Industrial Statistics—Seventh Annual Report, 1891. (1892.)
246	Kansas: Bureau of Labor and Industrial Statistics—Eighth Annual Report, 1892. (1893.)
247	Kansas: Bureau of Labor and Industry—Ninth Annual Report, 1893. (1894.)
248	Kansas: Bureau of Labor and Industry—Tenth Annual Report, 1894. (1895.)
249	Kansas: Bureau of Labor and Industry—Eleventh Annual Report, 1895. (1896.)
250	Kansas: Bureau of Labor and Industry—Twelfth Annual Report, 1896. (1897.)
251	Kansas: Bureau of Labor and Industrial Statistics—Thirteenth Annual Report, 1897. (1898.)
252	Kansas: Bureau of Labor and Industrial Statistics—Fourteenth Annual Report, 1898. (1899.)
253	Maine: Bureau of Industrial and Labor Statistics—First Annual Report, 1887. (1888.)
254	Maine: Bureau of Industrial and Labor Statistics—Second Annual Report, 1888. (1889.)
255	Maine: Bureau of Industrial and Labor Statistics—Third Annual Report, 1889. (1890.)
256	Maine: Bureau of Industrial and Labor Statistics—Fourth Annual Report, 1890. (1891.)
257	Maine: Bureau of Industrial and Labor Statistics—Fifth Annual Report, 1891. (1892.)
258	Maine: Bureau of Industrial and Labor Statistics—Sixth Annual Report, 1892. (1893.)
259	Maine: Bureau of Industrial and Labor Statistics—Seventh Annual Report, 1893. (1893.)
260	Maine: Bureau of Industrial and Labor Statistics—Ninth Annual Report, 1895. (1896.)
261	Maine: Bureau of Industrial and Labor Statistics—Twelfth Annual Report, 1898. (1899.)
262	Maryland: Bureau of Industrial Statistics and Information—First Biennial Report, 1884–1885. (1886.)
263	Maryland: Bureau of Industrial Statistics—First Annual Report, 1892. (1893.)
264	Maryland: Bureau of Industrial Statistics—Fifth Annual Report, 1896. (1897.)
265	Maryland: Bureau of Industrial Statistics—Sixth Annual Report, 1897. (1898.)
266	Massachusetts: Bureau of Statistics of Labor—First Annual Report, 1870. (1870.)
267	Massachusetts: Bureau of Statistics of Labor—Second Annual Report, 1871. (1871.)
268	Massachusetts: Bureau of Statistics of Labor—Third Annual Report, 1872. (1872.)
269	Massachusetts: Bureau of Statistics of Labor—Fourth Annual Report, 1873. (1873.)
270	Massachusetts: Bureau of Statistics of Labor—Seventh Annual Report, 1876. (1876.)
271	Massachusetts: Bureau of Statistics of Labor—Twelfth Annual Report, 1881. (1881.)
272	Massachusetts: Bureau of Statistics of Labor—Thirteenth Annual Report, 1882. (1882.)
273	Massachusetts: Bureau of Statistics of Labor—Fifteenth Annual Report, 1884. (1884.)
274	Massachusetts: Bureau of Statistics of Labor—Twenty-sixth Annual Report, 1895. (1896.)
275	Massachusetts: Bureau of Statistics of Labor—Twenty-seventh Annual Report, 1896. (1897.)
276	Massachusetts: Bureau of Statistics of Labor—Bulletin No. 8, 1898. (1898.)
277	Michigan: Bureau of Labor and Industrial Statistics—First Annual Report, 1884. (1884.)
278	Michigan: Bureau of Labor and Industrial Statistics—Second Annual Report, 1885. (1885.)
279	Michigan: Bureau of Labor and Industrial Statistics—Third Annual Report, 1886. (1886.)
280	Michigan: Bureau of Labor and Industrial Statistics—Sixth Annual Report, 1889. (1889.)
281	Michigan: Bureau of Labor and Industrial Statistics—Seventh Annual Report, 1890. (1890.)
282	Michigan: Bureau of Labor and Industrial Statistics—Eighth Annual Report, 1891. (1891.)
283	Michigan: Bureau of Labor and Industrial Statistics—Ninth Annual Report, 1891. (1892.)
284	Michigan: Bureau of Labor and Industrial Statistics—Tenth Annual Report, 1893. (1893.)
285	Michigan: Bureau of Labor and Industrial Statistics—Eleventh Annual Report, 1894. (1894.)
286	Michigan: Bureau of Labor and Industrial Statistics—Twelfth Annual Report, 1895. (1895.)
287	Michigan: Bureau of Labor and Industrial Statistics—Thirteenth Annual Report, 1895. (1896.)
288	Michigan: Bureau of Labor and Industrial Statistics—Fourteenth Annual Report, 1896. (1897.)
289	Michigan: Bureau of Labor and Industrial Statistics—Fifteenth Annual Report, 1897. (1898.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
290	Michigan: Bureau of Labor and Industrial Statistics—Sixteenth Annual Report, 1898. (1899.)
291	Michigan: Bureau of Labor and Industrial Statistics—Seventeenth Annual Report, 1899. (1900.)
292	Minnesota: Bureau of Labor Statistics—Second Biennial Report, 1889–1890.
293	Missouri: Bureau of Labor Statistics—First Annual Report, 1879. (1880.)
294	Missouri: Bureau of Labor Statistics—Fourth Annual Report, 1882. (1883.)
295	Missouri: Bureau of Labor Statistics—Sixth Annual Report, 1884. (1885.)
296	Missouri: Bureau of Labor Statistics—Seventh Annual Report, 1885. (1886.)
297	Missouri: Bureau of Labor Statistics—Ninth Annual Report, 1887. (1887.)
298	Missouri: Bureau of Labor Statistics—Tenth Annual Report, 1888. (1889.)
299	Missouri: Bureau of Labor Statistics—Eleventh Annual Report, 1889. (1889.)
300	Missouri: Bureau of Labor Statistics—Thirteenth Annual Report, 1891. (1891.)
301	Missouri: Bureau of Labor Statistics—Fourteenth Annual Report, 1892. (1892.)
302	Missouri: Bureau of Labor Statistics—Fifteenth Annual Report, 1893. (1893.)
303	Missouri: Bureau of Labor Statistics—Sixteenth Annual Report, 1894. (1894.)
304	Missouri: Bureau of Labor Statistics—Seventeenth Annual Report, 1895. (1895.)
305	Missouri: Bureau of Labor Statistics and Inspection—Nineteenth Annual Report, 1897. (1897.)
306	Missouri: Bureau of Labor Statistics and Inspection—Twenty-first Annual Report, 1899. (1899.)
307	Montana: Bureau of Agriculture, Labor and Industry—First Annual Report, 1893. (1893.)
308	Montana: Bureau of Agriculture, Labor and Industry—Second Annual Report, 1894. (1895.)
309	Montana: Bureau of Agriculture, Labor and Industry—Third Annual Report, 1895. (1896.)
310	Montana: Bureau of Agriculture, Labor and Industry—Fourth Annual Report, 1896. (1897.)
311	Montana: Bureau of Agriculture, Labor and Industry—Fifth Annual Report, 1897. (1898.)
312	Nebraska: Bureau of Labor and Industrial Statistics—First Biennial Report, 1887–1888. (1888.)
313	Nebraska: Bureau of Labor and Industrial Statistics—Second Biennial Report, 1889–1890. (1890.)
314	Nebraska: Bureau of Labor and Industrial Statistics—Sixth Biennial Report, 1897–1898. (1898.)
315	New Hampshire: Bureau of Labor—First Annual Report, 1893. (1893.)
316	New Hampshire: Bureau of Labor—Second Annual Report, 1894. (1894.)
317	New Jersey: Bureau of Statistics of Labor and Industries—First Annual Report, 1878. (1878.)
318	New Jersey: Bureau of Statistics of Labor and Industries—Second Annual Report, 1879. (1879.)
319	New Jersey: Bureau of Statistics of Labor and Industries—Third Annual Report, 1880. (1880.)
320	New Jersey: Bureau of Statistics of Labor and Industries—Fourth Annual Report, 1881. (1881.)
321	New Jersey: Bureau of Statistics of Labor and Industries—Fifth Annual Report, 1882. (1882.)
322	New Jersey: Bureau of Statistics of Labor and Industries—Sixth Annual Report, 1883. (1883.)
323	New Jersey: Bureau of Statistics of Labor and Industries—Seventh Annual Report, 1884. (1885.)
324	New Jersey: Bureau of Statistics of Labor and Industries—Eighth Annual Report, 1885. (1885.)
325	New Jersey: Bureau of Statistics of Labor and Industries—Ninth Annual Report, 1886. (1886.)
326	New Jersey: Bureau of Statistics of Labor and Industries—Eleventh Annual Report, 1888. (1889.)
327	New Jersey: Bureau of Statistics of Labor and Industries—Sixteenth Annual Report, 1893. (1894.)
328	New Jersey: Bureau of Statistics of Labor and Industries—Twentieth Annual Report, 1897. (1898.)
329	New Jersey: Bureau of Statistics of Labor and Industries—Twenty-first Annual Report, 1898. (1899.)
330	New York: Bureau of Statistics of Labor—Third Annual Report, 1885. (1886.)
331	New York: Bureau of Statistics of Labor—Sixth Annual Report, 1888. (1889.)
332	New York: Bureau of Statistics of Labor—Eighth Annual Report, 1890. 2 vols. (1891.)
333	New York: Bureau of Statistics of Labor—Ninth Annual Report, 1891. 2 vols. (1892.)
334	New York: Bureau of Statistics of Labor—Tenth Annual Report, 1892. 2 vols. (1893.)
335	New York: Bureau of Statistics of Labor—Thirteenth Annual Report, 1895. 2 vols. (1896.)
336	New York: Bureau of Statistics of Labor—Fourteenth Annual Report, 1896. (1897.)
337	New York: Bureau of Labor Statistics—Fifteenth Annual Report, 1897. (1898.)
338	New York: Bureau of Labor Statistics—Sixteenth Annual Report, 1898. (1899.)
339	New York: Bureau of Labor Statistics—Bulletin No. 2, 1899. (1899.)
340	New York: Bureau of Labor Statistics—Bulletin No. 3, 1899. (1899.)
341	New York: Special Committee of the Assembly—Report on the condition of Female Labor in the City of New York, 1895. 2 vols. (1896.)
342	North Carolina: Bureau of Labor Statistics—First Annual Report, 1887. (1887.)
343	North Carolina: Bureau of Labor Statistics—Second Annual Report, 1888. (1888.)
344	North Carolina: Bureau of Labor Statistics—Third Annual Report, 1889. (1890.)
345	North Carolina: Bureau of Labor Statistics—Fourth Annual Report, 1890. (1890.)
346	North Carolina: Bureau of Labor Statistics—Fifth Annual Report, 1891. (1892.)
347	North Carolina: Bureau of Labor Statistics—Seventh Annual Report, 1893. (1894.)
348	North Carolina: Bureau of Labor Statistics—Eighth Annual Report, 1894. (1894.)
349	North Carolina: Bureau of Labor Statistics—Ninth Annual Report, 1895. (1895.)
350	North Carolina: Bureau of Labor Statistics—Tenth Annual Report, 1896. (1897.)
351	North Carolina: Bureau of Labor Statistics—Eleventh Annual Report, 1897. (1898.)
352	North Carolina: Bureau of Labor Statistics—Twelfth Annual Report, 1898. (1899.)
353	North Carolina: Bureau of Labor and Printing—Thirteenth Annual Report, 1899. (1900.)
354	North Carolina: Board of Railroad Commissioners—First Annual Report, 1891. (1891.)
355	North Carolina: Board of Railroad Commissioners—Second Annual Report, 1892. (1892.)
356	North Carolina: Corporation Commission—First Annual Report, 1899. (1899.)
357	North Dakota: Department of Agriculture and Labor—Second Biennial Report, 1891–1892. (1892.)
358	North Dakota: Department of Agriculture and Labor—Fourth Biennial Report, 1895–1896. (1897.)
359	Ohio: Bureau of Labor Statistics—First Annual Report, 1877. (1878.)
360	Ohio: Bureau of Labor Statistics—Second Annual Report, 1878. (1879.)
361	Ohio: Bureau of Labor Statistics—Third Annual Report, 1879. (1880.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
362	Ohio: Bureau of Labor Statistics—Fourth Annual Report, 1880. (1881.)
363	Ohio: Bureau of Labor Statistics—Fifth Annual Report, 1881. (1882.)
364	Ohio: Bureau of Labor Statistics—Sixth Annual Report, 1882. (1883.)
365	Ohio: Bureau of Labor Statistics—Seventh Annual Report, 1883. (1884.)
366	Ohio: Bureau of Labor Statistics—Eighth Annual Report, 1884. (1885.)
367	Ohio: Bureau of Labor Statistics—Ninth Annual Report, 1885. (1886.)
368	Ohio: Bureau of Labor Statistics—Tenth Annual Report, 1886. (1887.)
369	Ohio: Bureau of Labor Statistics—Eleventh Annual Report, 1887. (1888.)
370	Ohio: Bureau of Labor Statistics—Twelfth Annual Report, 1888. (1889.)
371	Ohio: Bureau of Labor Statistics—Fourteenth Annual Report, 1890. (1891.)
372	Ohio: Bureau of Labor Statistics—Fifteenth Annual Report, 1891. (1892.)
373	Ohio: Bureau of Labor Statistics—Sixteenth Annual Report, 1892. (1893.)
374	Ohio: Bureau of Labor Statistics—Eighteenth Annual Report, 1894. (1895.)
375	Ohio: Bureau of Labor Statistics—Nineteenth Annual Report, 1895. (1896.)
376	Ohio: Bureau of Labor Statistics—Twentieth Annual Report, 1896. (1897.)
377	Ohio: Bureau of Labor Statistics—Twenty-first Annual Report, 1897. (1898.)
378	Ohio: General Assembly—Proceedings of the Hocking Valley Investigating Committee. (1885.)
379	Pennsylvania: Bureau of Statistics of Labor and Agriculture—First Annual Report, 1872–1873. (1874.)
380	Pennsylvania: Bureau of Industrial Statistics—Third Annual Report, 1874–1875. (1876.)
381	Pennsylvania: Bureau of Industrial Statistics—Fourth Annual Report, 1875–1876. (1877.)
382	Pennsylvania: Bureau of Industrial Statistics—Fifth Annual Report, 1876–1877. (1878.)
383	Pennsylvania: Bureau of Industrial Statistics—Sixth Annual Report, 1877–1878. (1879.)
384	Pennsylvania: Bureau of Industrial Statistics—Seventh Annual Report, 1878–1879. (1880.)
385	Pennsylvania: Bureau of Industrial Statistics—Eighth Annual Report, 1879–1880. (1881.)
386	Pennsylvania: Bureau of Industrial Statistics—Ninth Annual Report, 1880–1881. (1882.)
387	Pennsylvania: Bureau of Industrial Statistics—Tenth Annual Report, 1881–1882. (1883.)
388	Pennsylvania: Bureau of Industrial Statistics—Twelfth Annual Report, 1884. (1885.)
389	Pennsylvania: Bureau of Industrial Statistics—Thirteenth Annual Report, 1885. (1886.)
390	Pennsylvania: Bureau of Industrial Statistics—Fifteenth Annual Report, 1887. (1888.)
391	Pennsylvania: Bureau of Industrial Statistics—Sixteenth Annual Report, 1888. (1889.)
392	Pennsylvania: Bureau of Industrial Statistics—Seventeenth Annual Report, 1889. (1890.)
393	Pennsylvania: Bureau of Industrial Statistics—Twenty-second Annual Report, 1894. (1895.)
394	Pennsylvania: Bureau of Industrial Statistics—Twenty-fourth Annual Report, 1896. (1897.)
395	Pennsylvania: Bureau of Industrial Statistics—Twenty-fifth Annual Report, 1897. (1898.)
396	Rhode Island: Bureau of Industrial Statistics—First Annual Report, 1887. (1888.)
397	Rhode Island: Bureau of Industrial Statistics—Second Annual Report, 1888. (1889.)
398	Rhode Island: Bureau of Industrial Statistics—Third Annual Report, 1889. (1890.)
399	Rhode Island: Bureau of Industrial Statistics—Sixth Annual Report, 1892. (1893.)
400	Rhode Island: Bureau of Industrial Statistics—Seventh Annual Report, 1893. (1894.)
401	Rhode Island: Bureau of Industrial Statistics—Eighth Annual Report, 1894. (1895.)
402	Tennessee: Bureau of Labor Statistics and Mines—Eighth Annual Report, 1898. (1899.)
403	Tennessee: Bureau of Labor Statistics and Mines—Ninth Annual Report, 1899. (1900.)
404	Virginia: Bureau of Labor and Industrial Statistics—First Annual Report, 1898–1899. (1899.)
405	Washington: Bureau of Labor—First Biennial Report, 1897–1898. (1899.)
406	West Virginia: Bureau of Labor—Report, 1893–1894. (1894.)
407	Wisconsin: Bureau of Labor Statistics—First Biennial Report, 1883–1884. (1884.)
408	Wisconsin: Bureau of Labor and Industrial Statistics—Second Biennial Report, 1885–1886. (1886.)
409	Wisconsin: Bureau of Labor and Industrial Statistics—Third Biennial Report, 1887–1888. (1888.)
410	Wisconsin: Bureau of Labor and Industrial Statistics—Fourth Biennial Report, 1888–1889. (1890.)
411	Wisconsin: Bureau of Labor, Census and Industrial Statistics—Fifth Biennial Report, 1891–1892. (1892.)
412	Wisconsin: Bureau of Labor, Census and Industrial Statistics—Sixth Biennial Report, 1893–1894. (1894.)
413	Wisconsin: Bureau of Labor, Census and Industrial Statistics—Seventh Biennial Report, 1895–1896. (1896.)
414	Australia: Labor Bureau, New South Wales—First Annual Report, 1892–1893. (1893.)
415	Australia: Labor Bureau, New South Wales—Second Annual Report, 1893–1894. (1894.)
416	Australia: Labor Bureau, New South Wales—Third Annual Report, 1894–1895. (1895.)
417	Australia: Labor Bureau, New South Wales—Fourth Annual Report, 1895–1896. (1896.)
418	Australia: Labor Bureau, New South Wales—Fifth Annual Report, 1897. (1897.)
419	Australia: Labor Bureau, New South Wales—Sixth Annual Report, 1898. (1898.)
420	Australia: Government Statistician, New South Wales—Hand Book of New South Wales, Statistics for 1887 and previous years. (1888.)
421	Australia: Government Statistician, New South Wales—Statistical Register, 1888 and previous years. (1889.)
422	Australia: Government Statistician, New South Wales—Statistical Register, 1889 and previous years. (1890.)
423	Australia: Government Statistician, New South Wales—Statistical Register, 1890 and previous years. (1891.)
424	Australia: Government Statistician, New South Wales—Statistical Register, 1892 and previous years. (1894.)
425	Australia: Government Statistician, New South Wales—Statistical Register, 1894 and previous years. (1896.)
426	Australia: Government Statistician, New South Wales—Statistical Register, 1895 and previous years. (1897.)
427	Australia: Government Statistician, New South Wales—Statistical Register, 1896 and previous years. (1897.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
428	Australia: Government Statistician, New South Wales—Statistical Register, 1897 and previous years. (1898.)
429	Australia: Government Statistician, New South Wales—Statistical Register, 1898 and previous years. (1899.)
430	Australia: Government Statistician, New South Wales—Wealth and Progress of New South Wales, 1888-89. (1889.)
431	Australia: ....., New South Wales—New South Wales, its Progress, Present Condition, and Resources. (1886.)
432	Australia: Railway Commissioners, New South Wales—Annual Report, 1888-89. (1889.)
433	Australia: Royal Commission on Strikes, New South Wales—Report, 1891. (1891.)
434	Austria: Statistisches Departement im K. K. Handelsministerium—Arbeitseinstellungen im Gewerbebetriebe in Österreich, 1894. (1896.)
435	Austria: Statistisches Departement im K. K. Handelsministerium—Arbeitseinstellungen im Gewerbebetriebe in Österreich, 1895. (1897.)
436	Austria: Statistisches Departement im K. K. Handelsministerium—Arbeitseinstellungen im Gewerbebetriebe in Österreich, 1896. (1898).
437	Austria: Arbeitsstatistisches Amt im K. K. Handelsministerium—Arbeitseinstellungen und Aussperrungen in Österreich, 1897. (1899.)
438	Austria: Arbeitsstatistisches Amt im K. K. Handelsministerium—Arbeitseinstellungen und Aussperrungen in Österreich, 1898. (1899.)
439	Austria: K. K. Statistische Central-Commission—Die Landwirtschaftlichen Löhne in den im Reichsrathe-Vertretenen Königreichen und Ländern, nach dem Stande des Jahres 1893. (1895.)
440	Austria: K. K. Ackerbauministerium—Berichte der K. K. Bergbehörden, 1895. (1897.)
441	Austria: K. K. Ackerbauministerium—Berichte der K. K. Bergbehörden, 1896. (1898.)
442	Austria: K. K. Gewerbeinspection—Berichte der K. K. Gewerbe-Inspectoren, 1896. (1897.)
443	Austria: Brünner Handels und Gewerbekammer—Summarischer Bericht der Handels und Gewerbekammer in Brünn, 1895. (1896.)
444	Austria: Brünner Handels und Gewerbekammer—Summarischer Bericht der Handels und Gewerbekammer in Brünn, 1897. (1898.)
445	Austria: Brünner Handels und Gewerbekammer—Summarischer Bericht der Handels und Gewerbekammer in Brünn, 1898. (1899.)
446	Austria: Brünner Handels und Gewerbekammer—Summarischer Bericht der Handels und Gewerbekammer in Brünn, 1899. (1900.)
447	Austria: Statistische Commission der Königlichen Haupstadt Prag—Statistisches Handbuch, 1887-1888. (1889.)
448	Austria: Statistische Commission der Königlichen Haupstadt Prag—Statistisches Handbuch, 1893. (1897.)
449	Austria: Statistisches Landsamt von Steiermark—Statistisches Handbuch. (1899.)
450	Belgium: Ministère de l'Intérieur et de l'Instruction Publique—Annuaire Statistique, 1887. (1888.)
451	Belgium: Ministère de l'Intérieur et de l'Instruction Publique—Annuaire Statistique, 1898. (1899.)
452	Belgium: Office du Travail—Revue du Travail, Vol. I. (1896.)
453	Belgium: Office du Travail—Revue du Travail, Vol. II. (1897.)
454	Belgium: Office du Travail—Revue du Travail, Vol. III. (1898.)
455	Belgium: Office du Travail—Revue du Travail, Vol. IV. (1899.)
456	Belgium: Commission du Travail—Rapport. 3 vols. (1887.)
457	Belgium: Ministère de l'Agriculture, de l'Industrie et des Travaux Publics—Salaires et budgets ouvriers en Belgique au mois d'avril, 1891. (1892.)
458	Belgium: Ville de Bruxelles—Minimum de salaire, Enquête mai, 1896. Rapport de la Commission d'Enquête. (1896.)
459	British India: Statistical Bureau, Government of India—Prices and Wages in India, 13th issue. (1896.)
460	Canada: Department of Agriculture—Statistical Abstract and Record, 1885. (1886.)
461	Canada: Department of Agriculture—Statistical Abstract and Record, 1886. (1887.)
462	Canada: Department of Agriculture—Statistical Year Book, 1896. (1897.)
463	Canada: Secretary of State—Report on the Social Economy Section of the Universal International Exposition at Paris, 1889. (1890.)
464	Canada: Bureau of Industries, Ontario—First Annual Report, 1882. (1883.)
465	Canada: Bureau of Industries, Ontario—Second Annual Report, 1883. (1884.)
466	Canada: Bureau of Industries, Ontario—Third Annual Report, 1884. (1885.)
467	Canada: Bureau of Industries, Ontario—Fourth Annual Report, 1885. (1886.)
468	Canada: Bureau of Industries, Ontario—Fifth Annual Report, 1886. (1887.)
469	Canada: Bureau of Industries, Ontario—Sixth Annual Report, 1887. (1888.)
470	Canada: Bureau of Industries, Ontario—Seventh Annual Report, 1888. (1889.)
471	Canada: Bureau of Industries, Ontario—Eighth Annual Report, 1889. (1891.)
472	Canada: Bureau of Industries, Ontario—Ninth Annual Report, 1890. (1891.)
473	Canada: Bureau of Industries, Ontario—Tenth Annual Report, 1891. (1892.)
474	Canada: Bureau of Industries, Ontario—Eleventh Annual Report, 1892. (1894.)
475	Canada: Bureau of Industries, Ontario—Twelfth Annual Report, 1893. (1894.)
476	Canada: Bureau of Industries, Ontario—Thirteenth Annual Report, 1894. (1895.)
477	Canada: Bureau of Industries, Ontario—Fourteenth Annual Report, 1895. (1896.)
478	Canada: Bureau of Industries, Ontario—Fifteenth Annual Report, 1896. (1898.)
479	Canada: Bureau of Industries, Ontario—Sixteenth Annual Report, 1897. (1899.)
480	Canada: Bureau of Industries, Ontario—Seventeenth Annual Report, 1898. (1899.)
481	Canada: Legislative Assembly, Ontario—Report of the Royal Commission on the Mineral Resources of Ontario. (1890.)
482	Canada: Bureau of Statistics, British Columbia—Year Book of British Columbia, 1896. (1897.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
483	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1889. (1890.)
484	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1890. (1891.)
485	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1891. (1892.)
486	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1892. (1893.)
487	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1894. (1895.)
488	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1895. (1896.)
489	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1896. (1897.)
490	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1897. (1898.)
491	Cape of Good Hope: Colonial Secretary's Office—Statistical Register, 1898. (1899.)
492	Denmark: Bureau de Statistique de l'Etat—Communications de Statistique, 4me Série, Tome V.
493	Denmark: Københavns Kommunalbestyrelse—Arbejdslønnen i København, 1898. (1900.)
494	France: Ministère du Commerce, de l'Industrie et des Colonies—Statistique générale de la France. Tome XV, Statistique Annuelle, 1885. (1888.)
495	France: Ministère du Commerce, de l'Industrie et des Colonies—Statistique générale de la France. Tomes XVI et XVII, Statistique Annuelle, 1886 et 1887. (1889.)
496	France: Ministère de l'Agriculture et du Commerce—Annuaire Statistique de la France, 1878. (1878.)
497	France: Ministère de l'Agriculture et du Commerce—Annuaire Statistique de la France, 1879. (1879.)
498	France: Ministère de l'Agriculture et du Commerce—Annuaire Statistique de la France, 1881. (1881.)
499	France: Ministère du Commerce—Annuaire Statistique de la France, 1882. (1882.)
500	France: Ministère du Commerce—Annuaire Statistique de la France, 1883. (1883.)
501	France: Ministère du Commerce—Annuaire Statistique de la France, 1884. (1884.)
502	France: Ministère du Commerce—Annuaire Statistique de la France, 1885. (1885.)
503	France: Ministère du Commerce et de l'Industrie—Annuaire Statistique de la France, 1886. (1886.)
504	France: Ministère du Commerce et de l'Industrie—Annuaire Statistique de la France, 1887. (1887.)
505	France: Office du Travail—Salaires et durée du travail dans l'industrie française. 4 vols. (1893, 1894, 1896, 1897.)
506	France: Office du Travail—La petite industrie (salaires et durée du travail). 2 vols. (1893, 1896.)
507	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1893. (1894.)
508	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1894. (1895.)
509	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1895. (1896.)
510	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1896. (1897.)
511	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1897. (1898.)
512	France: Office du Travail—Statistique des grèves et des recours à la conciliation et à l'arbitrage survenus pendant l'année 1898. (1899.)
513	France: Office du Travail—Associations ouvrières de production. (1897.)
514	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Allemagne. (1890.)
515	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Espagne et Portugal. (1890.)
516	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Pays-Bas et Grand Duché de Luxembourg. (1890.)
517	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Autriche-Hongrie. (1890.)
518	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Suède et Norvège. (1890.)
519	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Russie. (1891.)
520	France: Ministère des Affaires Etrangères—Recueil de rapports sur les conditions du travail dans les pays étrangers, Danemark. (1891.)
521	France: Bourse du Travail, Paris—Annuaire de la Bourse du Travail, 1889. (1890.)
522	France: Bourse du Travail, Paris—Annuaire de la Bourse du Travail, 1890-1891. (1892.)
523	France: Préfecture de la Seine, Secrétariat Général (Service de la Statistique Municipale)—Annuaire Statistique de la Ville de Paris, 1883. (1885.)
524	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 2 Jahrgang, 1893. (1893.)
525	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 3 Jahrgang, 1894. (1894.)
526	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 4 Jahrgang, 1895. (1895.)
527	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 5 Jahrgang, 1896. (1896.)
528	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 6 Jahrgang, 1897. (1897.)
529	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 7 Jahrgang, 1898. (1898.)
530	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 8 Jahrgang, 1899. (1899.)
531	Germany: Kaiserlich Statistisches Amt—Vierteljahrshefte zur Statistik des Deutschen Reichs, 9 Jahrgang, 1900. (1900.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
532	Germany: Kaiserlich Statistisches Amt—Kommission für Arbeiter Statistik: Zusammenstellung der Ergebnisse der Ermittelungen über die Arbeitsverhältnisse in der Kleider- und Wäsche-Konfektion. (1896.)
533	Germany: Minister für Handel, Gewerbe und Öffentliche Arbeiten—Die Einrichtungen zum Besten der Arbeiter auf den Bergwerken Preussens. (1875.)
534	Germany: Minister der Öffentlichen Arbeiten und des Innern—Denkschrift über die Untersuchung der Arbeiter- und Betriebs-Verhältnisse in den Steinkohlen-Bezirken. (1890.)
535	Germany: Königliche Centralstelle für Gewerbe und Handel, Württemberg—Jahresberichte der Handels- und Gewerbekammern in Württemberg, 1891. (1892.)
536	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1891. (1893.)
537	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1892. (1894.)
538	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1893. (1895.)
539	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1895–96. (1897.)
540	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1897–98. (1898.)
541	Germany: .....—Statistisches Jahrbuch für das Grossherzogthum Baden, 1899. (1899.)
542	Germany: Statistisches Bureau der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1873. (1874.)
543	Germany: Statistisches Bureau der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1875. (1877.)
544	Germany: Statistisches Bureau der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1878. (1880.)
545	Germany: Statistisches Bureau der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1879. (1881.)
546	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1880. (1882.)
547	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1884. (1886.)
548	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1885. (1888.)
549	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1888. (1890.)
550	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1889 und 1890. (1893.)
551	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1891. (1893.)
552	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1893. (1895.)
553	Germany: Statistisches Amt der Stadt Berlin—Statistisches Jahrbuch der Stadt Berlin, 1897. (1899.)
554	Germany: Statistisches Amt der Stadt Berlin—Ermittelungen über die Lohn-Verhältnisse in Berlin, Mai, 1882.
555	Germany: Statistisches Amt der Stadt Berlin—Ermittelungen über die Lohn-Verhältnisse in Berlin, Juli, 1883.
556	Germany: Statistisches Amt der Stadt Berlin—Ermittelungen über die Lohn-Verhältnisse in Berlin, Februar, 1884.
557	Germany: Statistisches Amt der Stadt Berlin—Ermittelungen über die Lohn-Verhältnisse in Berlin, Mai, 1887.
558	Germany: Statistisches Amt der Stadt Berlin—Ermittelungen über die Lohn-Verhältnisse in Berlin, September, 1888. (1889.)
559	Germany: Verwaltungsbericht des Rathes der Königlichen Haupt- und Residenzstadt Dresden, 1897. (1899.)
560	Germany: Senats-Commission—Arbeitsverhältnisse im Hamburger-Haven. (1898.)
561	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1854–56. (1857.)
562	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1856–58. (1859.)
563	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1858–60. (1861.)
564	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1859–61. (1862.)
565	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1860–62. (1864.)
566	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1863–65. (1866.)
567	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1865–67. (1869.)
568	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1868–70. (1872.)
569	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1871–73. (1875.)
570	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1873–75. (1879.)
571	Great Britain: Board of Trade—Miscellaneous Statistics of the United Kingdom, 1876–79. (1883.)
572	Great Britain: Board of Trade—Returns of Wages published between 1830 and 1886. (1887.)
573	Great Britain: Board of Trade—Second Report on Trade Unions, year 1887. (1888.)
574	Great Britain: Board of Trade—Third Report on Trade Unions, year 1888. (1889.)
575	Great Britain: Board of Trade—Fourth Report on Trade Unions, years 1889 and 1890. (1891.)
576	Great Britain: Board of Trade—Report on the Strikes and Lockouts of 1890. (1891.)
577	Great Britain: Board of Trade—Report on the Strikes and Lockouts of 1891. (1893.)
578	Great Britain: Board of Trade, Labor Department—Report on the Strikes and Lockouts of 1892. (1894.)
579	Great Britain: Board of Trade, Labor Department—First Annual Report, 1893–94. (1894.)
580	Great Britain: Board of Trade, Labor Department—Second Annual Report, 1894–95. (1895.)
581	Great Britain: Board of Trade, Labor Department—Third Annual Report, 1895–96. (1896.)
582	Great Britain: Board of Trade, Labor Department—Fifth Annual Report, 1897–98. (1898.)
583	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. I. (1893.)
584	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. II. (1894.)
585	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. III. (1895.)
586	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. IV. (1896.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
587	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. V. (1897.)
588	Great Britain: Board of Trade, Labor Department—Labor Gazette, Vol. VII and No. 1, Vol. VIII. (1899 and January, 1900.)
589	Great Britain: Board of Trade, Labor Department—First Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1893. (1894.)
590	Great Britain: Board of Trade, Labor Department—Second Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1894. (1896.)
591	Great Britain: Board of Trade, Labor Department—Third Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1895. (1897.)
592	Great Britain: Board of Trade, Labor Department—Fourth Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1896. (1897.)
593	Great Britain: Board of Trade, Labor Department—Fifth Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1897. (1898.)
594	Great Britain: Board of Trade, Labor Department—Sixth Annual Report on Changes in Rates of Wages and Hours of Labor in the United Kingdom, 1898. (1899.)
595	Great Britain: Board of Trade, Labor Department—First Annual Abstract of Foreign Labor Statistics, 1898–99. (1899.)
596	Great Britain: Board of Trade—Report on the Sweating System at the East End of London, 1887. (1888.)
597	Great Britain: Board of Trade—Report on the Sweating System in Leeds. (1888.)
598	Great Britain: Board of Trade—Rates of Wages in Belgium. (1888.)
599	Great Britain: Board of Trade—Returns of Expenditures by Workingmen. (1889.)
600	Great Britain: Board of Trade—Return of Rates of Wages in the Principal Textile Trades of the United Kingdom. (1889.)
601	Great Britain: Board of Trade—Return of Rates of Wages in the Minor Textile Trades of the United Kingdom. (1890.)
602	Great Britain: Board of Trade—Return of Rates of Wages in the Mines and Quarries of the United Kingdom. (1891.)
603	Great Britain: Board of Trade—Return of Rates of Wages Paid by Local Authorities and Private Companies to Police and to Work-people employed on Roads, etc., and at Gas and Water Works. (1892.)
604	Great Britain: Board of Trade—General Report on the Wages of the Manual Labor Classes in the United Kingdom. (1893.)
605	Great Britain: Board of Trade—Report on the Relation of Wages in Certain Industries to the Cost of Production. (1891.)
606	Great Britain: Board of Trade, Labor Department—Report on the Statistics of Employment of Women and Girls. (1894.)
607	Great Britain: Board of Trade, Labor Department—Report on the Money Wages of Indoor Domestic Servants, 1894–1898. (1899.)
608	Great Britain: Board of Trade—Reports on the Volume and Effects of Recent Immigration from Eastern Europe into the United Kingdom. (1894.)
609	Great Britain: Foreign Office—Reports Respecting the Condition of the Industrial Classes in Foreign Countries. (1870.)
610	Great Britain: Foreign Office—Further Reports Respecting the Condition of the Industrial Classes in Foreign Countries. (1871.)
611	Great Britain: Foreign Office—Further Reports Respecting the Condition of the Industrial Classes in Foreign Countries. (1872.)
612	Great Britain: Foreign Office—Reports Respecting Factories for the Spinning and Weaving of Textile Fabrics Abroad. (1873.)
613	Great Britain: Foreign Office—Reports on Manufactures, Commerce, etc., Commercial No. 18, 1875. (1875.)
614	Great Britain: Foreign Office—Miscellaneous Series No. 211, Reports on Subjects of General and Commercial Interest, Italy. (1891.)
615	Great Britain: Foreign Office—Miscellaneous Series No. 212, Reports on Subjects of General and Commercial Interest, Germany. (1891.)
616	Great Britain: Foreign Office—Miscellaneous Series No. 220, Reports on Subjects of General and Commercial Interest, Netherlands. (1892.)
617	Great Britain: Foreign Office—Miscellaneous Series No. 246, Reports on Subjects of General and Commercial Interest, Spain. (1892.)
618	Great Britain: Foreign Office—Miscellaneous Series No. 248, Reports on Subjects of General and Commercial Interest, Netherlands. (1892.)
619	Great Britain: Foreign Office—Miscellaneous Series No. 250, Reports on Subjects of General and Commercial Interest, Austria-Hungary. (1892.)
620	Great Britain: India Office—Employment of Women and Children in Mines. (1893.)
621	Great Britain: Local Government Board—Report on Proposed Changes of Hours and Ages of Employment in Textile Factories. (1873.)
622	Great Britain: Local Government Board—Condition of the Working Classes living in Certain Selected Districts of London, in March, 1887. (1887.)
623	Great Britain: Houses of Parliament—Factories Inquiry Commission: First Report of Commissioners on the Employment of Children in Factories. (1833.)
624	Great Britain: Houses of Parliament—Factories Inquiry Commission: Supplementary Report of Commissioners on the Employment of Children in Factories. (1834.)
625	Great Britain: Houses of Parliament—Children's Employment Commission. 2 vols. and appendixes. (1842, 1843.)
626	Great Britain: Houses of Parliament—Report of the Commissioner Appointed to Inquire into the Condition of the Frame Work Knitters. (1845.)
627	Great Britain: Houses of Parliament—Children's Employment Commission, 1862. 6 vols. (1863–1867.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Cont'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
628	Great Britain: Houses of Parliament—Report of the Commission on the Employment of Children, Young Persons, and Women in Agriculture, 1867. 4 vols. (1868–1870.)
629	Great Britain: Houses of Parliament—Returns of the Number of Manufacturing Establishments in which the Hours of Labor are Regulated by any Act of Parliament. (1871.)
630	Great Britain: Houses of Parliament—Report of Royal Commissioners on Technical Instruction. (1884.)
631	Great Britain: Houses of Parliament—Report from the Select Committee of the House of Lords on the Sweating System. 5 vols. (1888–1890.)
632	Great Britain: Houses of Parliament—Royal Commission on Labor. (1892, 1893, 1894.)
633	Italy: Ministero di Agricoltura, Industria e Commercio—Annali di Statistica: Saggio di Statistica delle Mercedi. (1888.)
634	Italy: Ministero di Agricoltura, Industria e Commercio—Annali di Statistica: Industria della Lana. (1895.)
635	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1886. (1887.)
636	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1887–1888. (1888.)
637	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1889–1890. (1891.)
638	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1892. (1893.)
639	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1895. (1896.)
640	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1897. (1897.)
641	Italy: Ministero di Agricoltura, Industria e Commercio—Annuario Statistico Italiano, 1898. (1898.)
642	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 1. (1887.)
643	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 2. (1888.)
644	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 3. (1889.)
645	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 4. (1890.)
646	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 9. (1895.)
647	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 11. (1897.)
648	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 12. (1898.)
649	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 13. (1899.)
650	Japan: Bureau Général de Statistique—Résumé Statistique de l'Empire du Japon, No. 14. (1900.)
651	Netherlands: Statistisch Instituut der Vereeniging voor de Statistiek in Nederland—Jaarcijfers over 1887 en vorige jaren, No. 7.
652	Netherlands: Statistisch Instituut der Vereeniging voor de Statistiek in Nederland—Jaarcijfers over 1888 en vorige jaren, No. 8.
653	Netherlands: Statistisch Instituut der Vereeniging voor de Statistiek in Nederland—Jaarcijfers over 1889 en vorige jaren, No. 9.
654	Netherlands: Statistisch Instituut der Vereeniging voor de Statistiek in Nederland—Jaarcijfers over 1890 en vorige jaren, No. 10.
655	Netherlands: Statistisch Instituut der Vereeniging voor de Statistiek in Nederland—Jaarcijfers over 1891 en vorige jaren, No. 11.
656	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1892 en vorige jaren. (1893.)
657	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1893 en vorige jaren. (1894.)
658	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1894 en vorige jaren. (1895.)
659	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1895 en vorige jaren. (1896.)
660	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1896 en vorige jaren. (1897.)
661	Netherlands: Centrale Commissie voor de Statistiek—Jaarcijfers, 1897 en vorige jaren. (1898.)
662	Netherlands: Centrale Commissie voor de Statistiek—Bijdragen tot de Statistiek van Nederland, III, Overzicht betreffende de Loonen en den Arbeidsduur bij Rijkswerken en 1894. (1896.)
663	Netherlands: Departement van Waterstaat, Handel en Nijverheid—Verslagen van de Inspecteurs van den Arbeid in het Koninkrijk der Nederlanden over 1892 (Derde Jaargang).
664	Netherlands: Departement van Waterstaat, Handel en Nijverheid—Verslagen van de Inspecteurs van den Arbeid in het Koninkrijk der Nederlanden over 1894 (Vijfde Jaargang).
665	Netherlands: Departement van Waterstaat, Handel en Nijverheid—Verslagen van de Inspecteurs van den Arbeid in het Koninkrijk der Nederlanden over 1897–98.
666	Netherlands: Staats-Commissie van Arbeids-Enquête, 1890—Verslag. 3 vols. (1891.)
667	New Zealand: Bureau of Industries—First Annual Report, 1891. (1892.)
668	New Zealand: Department of Labor—Second Annual Report, 1892–93. (1893.)
669	New Zealand: Department of Labor—Third Annual Report, 1893–94. (1894.)
670	New Zealand: Department of Labor—Fourth Annual Report, 1894–95. (1895.)
671	New Zealand: Department of Labor—Fifth Annual Report, 1895–96. (1896.)
672	New Zealand: Department of Labor—Sixth Annual Report, 1896–97. (1897.)
673	New Zealand: Department of Labor—Seventh Annual Report, 1898. (1898.)
674	New Zealand: Department of Labor—Eighth Annual Report, 1899. (1899.)

OFFICIAL REPORTS FROM WHICH WAGE DATA WERE SECURED—Concl'd.

[The "Report No." as given here is that used in the table instead of the full title, for which sufficient space could not be given.]

Report No.	Title of report and date of publication.
675	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. I. (1893.)
676	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. II. (1894.)
677	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. III. (1895.)
678	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. IV. (1896.)
679	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. V. (1897.)
680	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. VI. (1898.)
681	New Zealand: Department of Labor—Journal of the Department of Labor, Vol. VII. (1899.)
682	New Zealand: Registrar General—The New Zealand Official Year Book, 1894. (1894.)
683	New Zealand: Registrar General—Report on the Statistics of New Zealand. (1890.)
684	Norway: Bureau Central de Statistique—Annuaire Statistique de la Norvège, 1879. (1879.)
685	Norway: Bureau Central de Statistique—Annuaire Statistique de la Norvège, 1881. (1882.)
686	Norway: Bureau Central de Statistique—Annuaire Statistique de la Norvège, 1896. (1896.)
687	Norway: Bureau Central de Statistique—Annuaire Statistique de la Norvège, 1899. (1899.)
688	Norway: Statistiske Centralbureau—Officielle Statistik No. 228. (1895.)
689	Norway: Statistiske Centralbureau—Officielle Statistik No. 258, 1892–1893. (1897.)
690	Norway: Statistiske Centralbureau—Officielle Statistik No. 315, 1891–1895. 2 vols. (1899.)
691	Portugal: Direcção geral do Commercio e Industria, Ministerio das Obras Publicas, Commercio e Industria—Inquerito Industrial de 1890. 5 vols. (1891.)
692	Russia: Ministry of Finance—World's Columbian Exposition, 1893, at Chicago: The Industries of Russia. 5 vols. (1893.)
693	Russia: Comité Central de Statistique, Ministère de l'Interieur—Annuaire Statistique de la Russie, 1890. (1890.)
694	Russia: Bureau de la Statistique Municipale, Moscou—Mouvement de la Ville de Moscou, monthly. (1890.)
695	Russia: Bureau de la Statistique Municipale, Moscou—Mouvement de la Ville de Moscou, monthly. (1891.)
696	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1892.)
697	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1893.)
698	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1894.)
699	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1895.)
700	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1896.)
701	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1897.)
702	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1898.)
703	Russia: Bureau de la Statistique Municipale, Moscou—Bulletin Statistique Mensuel de la Ville de Moscou. (1899.)
704	Russia:..... —Bidrag till Finlands Officiela Statistik II Öfversigt af Finlands Ekonomiska Tillstånd, Femårsperioden, 1876–1880. (1884.)
705	Russia:..... —Bidrag till Finlands Officiela Statistik II Öfversigt af Finlands Ekonomiska Tillstånd, Femårsperioden, 1881–1885. (1890.)
706	Russia:..... —Bidrag till Finlands Officiela Statistik II Öfversigt af Finlands Ekonomiska Tillstånd, Femårsperioden, 1886–1890. (1894.)
707	Russia:..... —Bidrag till Finlands Officiela Statistik II Öfversigt af Finlands Ekonomiska Tillstånd, Femårsperioden, 1891–1895. (1899.)
708	Sweden: Kongl. Kommerskollegium—Arbetsstatistik I, Undersökning af Bagerierna i Sverige. (1899.)
709	Switzerland: Secrétariat Ouvrier Suisse—8e Rapport Annuel, 1894. (1895.)
710	Switzerland: Secrétariat Ouvrier Suisse—9e Rapport Annuel, 1895. (1896.)
711	Switzerland: Société Suisse de Statistique avec le concours du Bureau Fédéral de Statistique—Journal de Statistique Suisse, 10e Année, 1874. (1874.)
712	Switzerland: Société Suisse de Statistique avec le concours du Bureau Fédéral de Statistique—Journal de Statistique Suisse, 11e Année, 1875. (1875.)
713	Switzerland: Société Suisse de Statistique avec le concours du Bureau Fédéral de Statistique—Journal de Statistique Suisse, 13e Année, 1877. (1877.)
714	Switzerland: Eidgenössische General commission für die Wiener Weltausstellung—Arbeiterverhältnisse und Fabrikeinrichtungen der Schweiz, II Band. (1873.)

CHAPTER II.

GENERAL TABLE—RATES OF WAGES IN VARIOUS OCCUPATIONS IN COMMERCIAL COUNTRIES.

RATES OF WAGES IN COMMERCIAL COUNTRIES.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ACCORDION MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1860 Germany	185	(a) M.	(a)	0.36-0.36-0.36	1868 Germany	185	(a) M.	(a)	0.42-0.42-0.42
1860 Germany	185	(a) F.	(a)	.18- .18- .18	1868 Germany	185	(a) F.	(a)	.16- .16- .16
1864 Germany	185	(a) M.	(a)	.60- .60- .60	1873 Germany	177	(a) M.	(a)	.40- .40- .40
1864 Germany	185	(a) F.	(a)	.18- .18- .18	1874 Germany	177	(a) M.	(a)	.48- .48- .48
1865 Germany	185	(a) M.	(a)	.42- .42- .42	1875 Germany	177	(a) M.	(a)	.48- .48- .48
1865 Germany	185	(a) F.	(a)	.16- .16- .16	1876 Germany	177	(a) M.	(a)	.48- .48- .48
1866 Germany	185	(a) M.	(a)	.42- .42- .42	1877 Germany	177	(a) M.	(a)	.44- .44- .44
1866 Germany	185	(a) F.	(a)	.16- .16- .16	1878 Germany	177	(a) M.	(a)	.40- .40- .40
1867 Germany	185	(a) M.	(a)	.42- .42- .42	1896 Ill	12	1 M.	60-60-60	.83- .83- .83
1867 Germany	185	(a) F.	(a)	.16- .16- .16					

ACCOUNTANTS, RAILROAD.

1877 Germany	177	(a)	M.	(a)	.53- .89- —	1887 Mich	4	4	M.	(a)	1.92-4.54-3.05
1878 Germany	177	(a)	M.	(a)	.53- .66- —	1887 N. Y	4	8	M.	(a)	1.34-7.67-3.21
1884 Italy	178	(a)	M.	(a)	.59-3.07- —	1887 Oregon	4	10	M.	(a)	1.92-4.79-2.63
1884 Malta	178	(a)	M.	(a)	2.42-2.42-2.42	1887 Pa	4	5	M.	(a)	1.92-3.45-2.76
1884 Russia	178	(a)	M.	b 60-60-60	.77-1.53- —	1887 Wis	4	2	M.	(a)	1.73-4.79-3.26
1887 Conn	4	1	M.	(a)	3.45-3.45-3.45	1893 Mich	285	7	M.	48-60-51	2.11-4.79-3.86
1887 Fla	4	1	M.	(a)	4.79-4.79-4.79	1894 N. H	316	1	M.	52-52-52	3.33-3.33-3.33
1887 Mass	4	7	M.	(a)	1.10-3.85-2.17						

ACID DIPPERS.

1885 N. J	7	6	M.	(a)	1.17-1.33-1.25	1895 N. J	7	3	M.	60-60-60	1.17-1.17-1.17

ACID MAKERS.

1840 England	564	(a)	(a)	48-48-48	.69- .69- .69	1884 Italy	178	(a)	M.	(a)	.39- .39- .39
1850 England	564	(a)	(a)	48-48-48	.69- .69- .69	1890 Netherl'ds	666	(a)	M.	(a)	.74- .74- .74
1860 England	564	(a)	(a)	48-48-48	.73- .73- .73	1892 Russia	692	(a)	(a)	(a)	.24- .32- —
1866 England	566	(a)	M.	60-63 —	.85-1.10- —	1894 Ohio	375	2	M.	66-66-66	1.75-1.75-1.75
1871 England	568	(a)	M.	60-60-60	1.18-1.18-1.18	1895 England	585	(a)	M.	(a)	1.04-1.11- —
1872 England	185	(a)	M.	60-60-60	1.09-1.09-1.09	1897 Australia	428	(a)	(a)	(a)	1.22-1.82- —
1880 England	571	(a)	M.	60-68 —	1.05-1.07- —	1898 Australia	429	(a)	(a)	(a)	1.22-1.82- —

ACTION FINISHERS, PIANOS AND ORGANS.

1884 Canada	466	(a)	M.	60-60-60	1.33-1.33-1.33	1891 N. Y	333	9	M.	(a)	2.50-3.00-2.61
1888 Canada	470	(a)	M.	60-60-60	2.33-2.33-2.33	1896 Ohio	377	8	M.	60-60-60	2.17-2.17-2.17
1890 N. Y	333	11	M.	(a)	2.50-3.00-2.59						

a Not reported.

b Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ACTION MAKERS, PIANOS AND ORGANS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 N. J	322	91	M.	60-60-60	2.00-3.33-2.88	1887 Canada	469	(b)	M.	57-60 —	1.72-1.87- —
1884 N. J	323	71	M.	a60-60-60	1.66-2.83-1.76	1888 Canada	470	(b)	M.	59-59-59	1.70-1.70-1.70
1884 Canada	466	(b)	M.	58-58-58	1.50-1.50-1.50	1890 N. Y	333	415	M.	(b)	1.52-1.52-1.52
1885 Me	1	2	M.	60-60-60	1.00-1.50-1.25	1891 N. Y	333	463	M.	(b)	1.54-1.54-1.54
1885 N. H	1	4	M.	60-60-60	2.00-2.00-2.00	1893 Ohio	374	7	M.	a60-60-60	1.66-1.75-1.71
1885 Canada	467	(b)	M.	58-60 —	1.52-2.29- —	1894 Ohio	375	2	M.	51-51-51	1.00-1.00-1.00
1886 Canada	468	(b)	M.	58-59 —	1.56-1.69- —	1895 Ohio	376	6	M.	60-60-60	1.50-2.00-1.67
1887 Mass	3	4	F.	36-60-48	.67-1.47-1.06						

ADJUSTERS, COAL MINING.

1884 Belgium	178	(b)	M.	60-60-60	.87- .87- .87	1891 Belgium	457	(b)	M.	c 63-63-63	.54- .63- —

ADJUSTERS, FOUNDRY AND MACHINE SHOP.

1872 Germany	185	(b)	(b)	(b)	.72- .72- .72	1884 Italy	178	(b)	M.	d 60-60-60	.24-1.04- —
1884 Aust-Hun	178	(b)	M.	66-66-66	.57- .87- —	1891 Belgium	457	(b)	M.	(b)	.68- .68- .68

ADJUSTERS, SEWING MACHINES.

1885 Ill	1	4	M.	60-60-60	2.00-3.00-2.38	1888 Germany	558	(b)	(b)	60-60-60	1.13-1.35- —
1887 Germany	557	(b)	(b)	60-60-60	1.13-1.35- —	1891 N. Y	333	1	M.	(b)	3.25-3.25-3.25
1888 N. Y	331	75	M.	59-59-59	2.50-2.50-2.50						

ADVERTISERS.

1891 Mich	283	1	F.	(b)	.58- .58- .58	1896 Pa	7	9	M.	60-60-60	.50-1.33- .81
1896 Ill	7	2	M.	56-56-56	2.33-4.17-3.25						

AGENTS, BAGGAGE, RAILROAD.

1887 Md	4	17	M.	(b)	1.64-2.96-1.75	1887 Va	4	2	M.	(b)	.33- .33- .33
1887 Mo	4	1	M.	(b)	6.58-6.58-6.58	1887 Wis	4	1	M.	(b)	.33- .33- .33
1887 N. J	4	4	M.	(b)	1.48-2.10-1.79	1894 Iowa	236	1	M.	84-84-84	1.83-1.83-1.83
1887 Pa	4	44	M.	(b)	.41-2.79-1.42						

AGENTS, CLAIM, RAILROAD.

1887 Md	4	5	M.	(b)	2.30-4.79-3.22	1887 Oregon	4	1	M.	(b)	6.71-6.71-6.71
1887 Mass	4	2	M.	(b)	3.50-3.85-3.68	1887 Pa	4	3	M.	(b)	2.30-2.88-2.68
1887 Mich	4	2	M.	(b)	2.88-4.60-3.74	1887 Wis	4	2	M.	(b)	2.88-4.79-3.84
1887 Mo	4	6	M.	(b)	.96-7.67-4.15						

a Not including hours of 4 persons not reported.
b Not reported.
c Applies to but 3 of the 5 wage quotations.
d Applies to but 1 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AGENTS, COMMERCIAL, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Pa	380	2 M.	(a)	2.77-2.77-2.77	1887 Wis	4	2 M.	(a)	4.79-5.75-5.27
1887 Mo	4	3 M.	(a)	4.47-5.75-4.90	1894 Ind	228	79 M.	b 48-72-62	2.38-4.43-3.30
1887 N. Y	4	2 M.	(a)	.27- .27- .27	1894 N. H	316	1 M.	(a)	4.17-4.17-4.17
1887 Pa	4	1 M.	(a)	1.92-1.92-1.92					

AGENTS, CONTRACTING, RAILROAD.

1885 Mo	296	1 M.	(a)	4.79-4.79-4.79	1890 Ind	226	47 M.	c 48-60-57	2.37-6.25-4.00
1887 Ill	298	13 (a)	(a)	3.95-3.95-3.95	1891 Ind	227	80 M.	48-60-54	2.50-5.20-4.42
1887 Mo	4	6 M.	(a)	3.45-4.79-4.25	1892 Ind	227	49 M.	d 48-60-56	2.50-6.09-4.48
1887 Oregon	4	1 M.	(a)	4.79-4.79-4.79	1893 Ind	228	53 M.	48-60-57	2.50-7.95-4.43
1887 Pa	4	1 M.	(a)	3.83-3.83-3.83	1894 Ind	228	41 M.	d 48-60-56	2.50-5.28-4.30
1887 Wis	4	8 M.	(a)	2.88-4.22-3.32	1895 Ind	229	46 M.	e 48-60-56	3.55-6.15-4.66
1888 Ind	225	60 M.	(a)	2.38-5.37-3.91	1896 Ind	229	52 M.	d 48-60-54	2.50-6.20-4.69
1888 Mo	298	6 (a)	(a)	4.16-5.75-5.06	1898 Ind	230	58 (a)	d 48-72-54	1.91-6.35-4.40
1889 Ind	226	104 M.	(a)	2.40-6.40-3.58	1898 Mo	306	7 (a)	48-60-58	3.50-7.83-4.88

AGENTS, EMIGRANT, RAILROAD.

1887 Md	4	4 M.	(a)	1.92-2.88-2.16	1887 Wis	4	1 M.	(a)	2.88-2.88-2.88

AGENTS, EXPRESS COMPANY.

1884 Iowa	231	1 M.	(a)	2.12-2.12-2.12	1886 Iowa	232	1 M.	90-90-90	2.00-2.00-2.00

AGENTS, FREIGHT AND PASSENGER, RAILROAD.

1875 Pa	380	1 M.	(a)	5.77-5.77-5.77	1887 Nebr	312	11 (a)	70-70-70	.90-6.98-2.82
1879 Pa	384	41 M.	(a)	1.50-1.50-1.50	1887 Pa	4	1 M.	(a)	.66- .66- .66
1885 Pa	389	1746 M.	(a)	1.51-1.51-1.51	1889 Kans	243	449 M.	f 70-84-71	.33-6.67-2.46
1887 Fla	4	1 M.	(a)	1.32-1.32-1.32					

AGENTS, FREIGHT AND TICKET, RAILROAD.

1875 Pa	380	196 M.	(a)	1.64-1.92-1.65	1878 Pa	383	22 M.	70-70-70	1.27-1.27-1.27
1876 Pa	381	89 M.	(a)	1.48-1.48-1.48	1887 Pa	4	20 M.	(a)	.33-2.96-1.09
1877 Pa	382	127 M.	g 70-84-77	.92-1.89-1.46	1887 Va	4	11 M.	(a)	.39-3.29-1.20
1877 Pa	382	6 F.	(a)	.86- .86- .86	1887 Wis	4	2 M.	(a)	3.29-3.62-3.46

AGENTS, FREIGHT, RAILROAD.

1870 England	177	(a) M.	(a)	1.60-3.36- —	1884 Aust-Hun	178	(a) M.	(a)	1.23-2.45- —
1875 Pa	380	3 M.	(a)	2.95-2.95-2.95	1884 Aust-Hun	178	(a) M.	(a)	j 1.53-2.04- —
1876 Pa	381	4 M.	h 60-60-60	2.88-3.00-2.91	1884 Belgium	178	(a) M.	(a)	.74-1.29- —
1877 Pa	382	8 M.	i 72-72-72	3.58-3.77-3.68	1884 England	178	(a) M.	(a)	1.14-4.87- —
1878 Pa	383	4 M.	60-60-60	3.63-3.63-3.63	1884 France	178	(a) M.	(a)	.93-3.70- —
1878 England	177	(a) M.	(a)	2.00-4.20- —	1884 Peru	178	(a) M.	(a)	.95-3.16- —
1881 Pa	4	2 M.	(a)	3.26-3.45-3.36	1884 Scotland	178	(a) M.	60-60-60	1.46-1.46-1.46
1883 Conn	4	1 M.	(a)	3.83-3.83-3.83	1884 Wales	178	(a) M.	(a)	1.21-3.03- —
1884 Mich	278	1 M.	(a)	5.75-5.75-5.75	1885 Mich	279	2 M.	(a)	3.83-6.39-5.11

a Not reported.
b Not including hours of 25 persons not reported.
c Not including hours of 21 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 16 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 80 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 4 persons not reported.
j And rent.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AGENTS, FREIGHT, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1887 Conn	4	4 M.	(a)	0.96-3.19-2.24	1887 Oregon	4	9 M.	(a)	2.30-5.18-3.43
1887 Md	4	4 M.	(a)	2.49-4.79-3.74	1887 Pa	4	98 M.	(a)	.15-7.67-1.94
1887 Mass	4	7 M.	(a)	1.73-4.81-3.12	1887 R. I	4	1 M.	(a)	4.79-4.79-4.79
1887 Mich	4	1 M.	(a)	2.88-2.88-2.88	1887 Va	4	1 M.	(a)	5.75-5.75-5.75
1887 Mo	4	9 M.	(a)	3.83-7.67-5.54	1887 Wis	4	6 M.	(a)	2.88-4.79-3.57
1887 N. J	4	3 M.	(a)	1.53-3.45-2.17	1893 Mich	285	1 M.	48-48-48	4.79-4.79-4.79
1887 N. Y	4	39 M.	(a)	1.34-7.67-3.38	1898 N. J	329	4 M.	(a)	3.97-3.97-3.97

AGENTS, HACK AND OMNIBUS LINE.

1884	Mich	278	7	M.	(a)	1.45-2.00-1.59	....	.....	....	....	...	.....	.....

AGENTS, MANUFACTURES AND TRADE.

1857	Ireland	561	(a)	(a)	(a)	1.34-1.60- —	1892	England	632	(a)	M.	54-54-54	2.03-4.06- —
(b)	Ireland	562	(a)	M.	(a)	1.34-1.60- —	1893	Ill	10	3	M.	d60-60-60	1.67-2.50-1.94
1866	Kans	241	1	M.	(a)	3.00-3.00-3.00	1893	Ill	19	4	M.	e60-60-60	3.33-5.77-4.31
1877	Kans	241	1	M.	(a)	1.50-1.50-1.50	1893	Md	10	3	M.	60-72-64	2.50-2.50-2.50
1877	Ohio	359	3	M.	(a)	2.50-2.50-2.50	1893	Mont	307	9	(a)	(a)	2.79-5.08-3.81
1877	Pa	382	1	M.	60-60-60	3.00-3.00-3.00	1893	Ohio	374	7	M.	60-60-60	1.66-2.25-2.02
1882	Ohio	364	2	M.	(a)	3.07-3.07-3.07	1893	Pa	10	2	M.	48-60-54	2.25-2.67-2.46
1882	Pa	7	2	F.	(a)	.75- .75- .75	1893	Aust-Hun	448	(a)	M.	63-63-63	.41- .68- —
1883	Mo	7	1	M.	53-53-53	3.33-3.33-3.33	1894	Iowa	236	4	M.	c48-60-54	1.50-3.00-2.25
1884	Iowa	231	1	M.	48-48-48	2.00-2.00-2.00	1894	Mont	308	7	M.	(a)	2.79-4.60-3.31
1884	Mich	278	5	M.	(a)	2.00-2.88-2.29	1894	N. Y	11	1	(a)	(a)	2.00-2.00-2.00
1884	Mo	295	21	(a)	(a)	2.62-2.62-2.62	1894	Ohio	375	5	M.	48-48-48	1.33-1.66-1.59
1885	Ga	7	1	M.	66-66-66	2.08-2.08-2.08	1894	Ohio	375	1	F.	48-48-48	.83- .83- .83
1885	Mass	7	1	M.	54-54-54	3.47-3.47-3.47	1895	Conn	7	2	M.	42-59-51	2.50-6.41-4.46
1885	Mo	7	2	M.	59-59-59	3.00-4.17-3.59	1895	Conn	7	1	F.	59-59-59	1.00-1.00-1.00
1886	Ill	208	2	(a)	72-72-72	4.17-4.17-4.17	1895	Ga	7	2	M.	54-54-54	4.17-4.17-4.17
1886	N. Y	7	3	M.	59-59-59	3.00-4.17-3.78	1895	Mass	7	2	M.	48-48-48	2.00-3.33-2.67
1887	Cal	3	1	F.	(a)	.83- .83- .83	1895	Mo	7	5	M.	53-59-58	1.67-4.81-3.43
1888	N. Y	331	3	M.	43-54-48	1.67-4.00-2.61	1895	Mo	304	1	M.	(a)	2.09-2.09-2.09
1888	Canada	470	(a)	M.	48-48-48	3.53-3.53-3.53	1895	Ohio	376	2	M.	60-60-60	2.25-2.25-2.25
1890	Ill	19	1	M.	(a)	4.79-4.79-4.79	1895	Ohio	376	1	F.	48-48-48	.83- .83- .83
1890	N. Y	333	45	M.	(a)	1.67-11.18-3.70	1896	Ga	7	1	M.	54-54-54	1.25-1.25-1.25
1891	Ill	19	2	M.	(a)	4.79-5.77-5.28	1896	N. Y	7	6	M.	59-59-59	1.67-6.67-3.69
1891	Mich	283	1	F.	(a)	.67- .67- .67	1896	Ohio	377	3	M.	60-72-64	1.66-2.25-2.05
1891	N. Y	333	62	M.	(a)	1.33-8.63-3.25	1896	Pa	7	4	F.	36-36-36	.83-1.17-1.00
1892	Ill	19	3	M.	c60-60-60	3.33-5.77-4.63	1897	Kans	251	1	M.	36-36-36	1.92-1.92-1.92

AGENTS, PASSENGER AND TICKET, RAILROAD.

1887	Mo	4	1	M.	(a)	3.29-3.29-3.29	1887	Wis	4	9	M.	(a)	2.74-4.93-3.76

AGENTS, PASSENGER, RAILROAD.

1875	Pa	380	2	M.	(a)	6.94-6.94-6.94	1887	Oregon	4	4	M.	(a)	1.53-3.83-3.07
1887	Mich	4	5	M.	(a)	2.11-5.75-3.80	1887	Pa	4	14	M.	(a)	.12-4.79-1.99
1887	Mo	4	2	M.	(a)	2.49-2.49-2.49	1887	Wis	4	21	M.	(a)	2.00-5.75-2.75
1887	N. Y	4	1	M.	(a)	5.75-5.75-5.75							

a Not reported.
b Average for 1857–58.
c Not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AGENTS, PASSENGER, TRAVELING, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Ill	298	9 (a)	(a)	5.26-5.26-5.26
1888 Ind	225	84 M.	(a)	2.30-4.79-4.00
1888 Mo	298	13 (a)	(a)	3.33-4.79-3.94
1889 Ind	226	78 M.	(a)	2.00-5.00-3.57
1890 Ind	226	94 M.	b 48-60-58	2.31-6.25-3.40
1891 Ind	227	99 M.	c 45-60-51	1.75-4.69-3.80
1892 Ind	227	151 M.	d 48-60-51	2.50-5.00-4.42
1892 Md	263	2 M.	e 60-60-60	3.80-5.00-4.40
1893 Ind	228	87 M.	f 48-60-52	1.00-7.50-4.06
1895 Ind	229	73 M.	g 60-78-71	2.28-5.85-3.33
1896 Ind	229	63 M.	f 48-60-51	2.28-4.25-3.64
1897 Md	265	1 (a)	60-60-60	2.10-2.10-2.10
1898 Ind	230	96 (a)	h 48-72-62	2.35-4.48-3.49
1898 Mo	306	10 (a)	60-60-60	3.50-7.83-5.75

AGENTS, PURCHASING, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	4 M.	f 48-48-48	1.28-13.80-7.37
1877 Pa	382	4 M.	f 48-48-48	1.28-13.80-7.37
1880 Ill	205	2 M.	(a)	2.68- 3.07-2.88
1887 N. Y	4	1 M.	(a)	3.83- 3.83-3.83
1887 R. I	4	1 M.	(a)	6.39-6.39-6.39
1887 Va	4	1 M.	(a)	5.18-5.18-5.18
1887 Wis	4	5 M.	(a)	1.92-5.75-3.87

AGENTS, SOLICITING, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	8 M.	(a)	2.21-2.21-2.21
1877 Pa	382	1 M.	(a)	4.79-4.79-4.79
1885 Mo	296	2 M.	(a)	2.88-2.88-2.88
1887 Mass	4	2 M.	(a)	2.49-3.83-3.16
1887 Mo	298	2 (a)	(a)	3.04-3.04-3.04
1887 N. Y	4	1 M.	(a)	1.92-1.92-1.92
1888 Ind	225	131 M.	(a)	.96-5.75-3.42
1888 Mo	298	14 (a)	(a)	2.33-4.79-3.76
1889 Ind	226	137 M.	i 54-72-60	.83-4.52-2.82
1890 Ind	226	57 M.	j 54-60-59	1.67-5.00-3.39
1891 Ind	227	51 M.	k 48-60-53	2.18-5.00-3.75
1892 Ind	227	90 M.	l 48-60-54	2.17-5.00-3.23
1893 Ind	228	51 M.	h 48-60-57	1.25-5.43-3.92
1893 Mich	285	1 M.	78-78-78	2.30-2.30-2.30
1894 Ind	228	104 M.	m 48-60-51	2.17-6.53-4.60
1895 Ind	229	44 M.	f 48-60-59	1.47-5.32-4.46
1896 Ind	229	55 M.	m 48-60-53	2.18-6.37-4.22
1898 Ind	230	50 (a)	n 48-60-52	2.18-6.37-4.16
1898 Mo	306	10 (a)	48-60-58	3.07-7.83-4.67

AGENTS, SPECIAL, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Md	4	8 M.	(a)	2.49-5.75-3.37
1887 Mass	4	4 M.	(a)	3.29-4.11-3.55
1887 Mo	4	9 M.	(a)	2.88-7.67-4.48
1887 N. J	4	4 M.	(a)	1.73-2.88-2.54
1887 N. Y	4	4 M.	(a)	3.07-3.83-3.45
1887 Oregon	4	6 M.	(a)	2.30-5.75-4.12
1887 Pa	4	16 M.	(a)	2.40-6.71-4.28
1887 Va	4	1 M.	(a)	3.19-3.19-3.19

AGENTS, STATION, ETC., ASSISTANT, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Conn	4	18 M.	(a)	.33-2.30-1.02
1887 Del	4	1 M.	(a)	.99- .99- .99
1887 Me	4	4 M.	(a)	.59-1.10- .79
1887 Md	4	6 M.	(a)	2.74-2.74-2.74
1887 Mass	4	21 M.	(a)	1.00-2.22-1.52
1887 Mo	4	3 M.	(a)	2.47-2.47-2.47
1887 N. J	4	41 M.	(a)	.33-2.74-1.11
1887 N. J	4	2 F.	(a)	.33-1.32- .83
1887 N. Y	4	44 M.	(a)	.16-4.93-1.20
1887 Oregon	4	4 M.	(a)	1.64-4.11-2.26
1887 Pa	4	20 M.	(a)	.33-1.48- .85
1887 R. I	4	18 M.	(a)	.33-2.47-1.14
1887 W. Va	4	1 M.	(a)	.90- .90- .90
1887 Wis	4	8 M.	(a)	.82-1.64-1.20
1889 Kans	243	10 M.	84-84-84	1.00-1.66-1.23
1895 Canada	187	(a) M.	(a)	.82- .82- .82
1898 N. J	329	14 M.	(a)	.94- .94- .94

a Not reported.
b Not including hours of 46 persons not reported.
c Not including hours of 11 persons not reported.
d Not including hours of 18 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 8 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 83 persons not reported.
j Not including hours of 47 persons not reported.
k Not including hours of 10 persons not reported.
l Not including hours of 53 persons not reported.
m Not including hours of 5 persons not reported.
n Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AGENTS, STATION, ETC., RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Germany	76	(a) M.	(a)	0.68-1.37- —
1860 Germany	76	(a) M.	(a)	.78-1.37- —
1871 Mass	267	91 M.	(a)	1.80-1.80-1.80
1872 Germany	76	(a) M.	(a)	1.08-1.96- —
1874 Ill	185	411 M.	(a)	1.23-2.00-1.81
1874 Ind	185	91 M.	(a)	1.32-1.74-1.55
1874 Iowa	185	15 M.	(a)	1.81-1.81-1.81
1874 Ohio	185	200 M.	(a)	1.99-1.99-1.99
1875 Pa	380	233 M.	(a)	2.06-2.06-2.06
1876 Pa	381	20 M.	b70-70-70	1.18-2.61-2.20
1877 N. J	317	123 M.	(a)	1.48-2.14-2.10
1877 Pa	382	143 M.	c70-70-70	1.32-2.57-1.81
1877 Pa	382	3 F.	(a)	.53- .53- .53
1878 Pa	383	17 M.	(a)	2.02-2.02-2.02
1878 Pa	383	3 F.	(a)	.55- .55- .55
1879 Mo	293	61 M.	84-84-84	1.49-1.49-1.49
1880 Ill	205	202 M.	(a)	1.52-2.48-1.87
1880 N. J	319	1 (a)	60-60-60	1.25-1.25-1.25
1881 Ind	220	934 (a)	(a)	.57-3.18-1.92
1882 Ill	206	549 (a)	(a)	.64-3.34-1.83
1882 Ind	221	878 M.	(a)	.75-2.85-1.95
1883 Ind	222	2980 M.	(a)	1.03-2.50-1.96
1883 Md	4	1 F.	(a)	1.32-1.32-1.32
1883 Wales	43	(a) (a)	(a)	.80-1.53- —
1884 Ind	223	1874 M.	(a)	1.15-3.32-1.90
1884 Iowa	231	599 M.	d84-105-91	1.24-2.47-1.63
1884 Mich	278	2 M.	(a)	.99-4.11-2.55
1884 Wis	407	165 M.	(a)	1.92-1.92-1.92
1884 Canada	178	(a) M.	(a)	1.00-4.11- —
1884 Canada	466	(a) M.	51-66 —	1.42-2.52- —
1884 Italy	178	(a) M.	(a)	1.00-1.43- —
1884 Mexico	178	(a) (a)	(a)	2.47-5.00- —
1884 Peru	178	(a) M.	(a)	1.62-3.38- —
1885 Ind	224	2093 M.	(a)	.55-2.35-1.71
1885 Iowa	231	1154 M.	(a)	1.32-2.14-1.66
1885 Kans	239	264 (a)	(a)	1.24-1.99-1.67
1885 Mich	279	817 M.	(a)	.16-6.85-1.59
1885 Mo	296	16 M.	(a)	2.07-3.78-2.20
1885 Canada	467	(a) M.	61-61-61	1.24-1.24-1.24
1886 Ind	224	2266 M.	(a)	1.10-3.33-1.71
1886 Iowa	232	1514 M.	e70-105-86	1.00-2.50-1.52
1886 Kans	240	583 M.	(a)	.87-1.97-1.55
1886 Germany	76	(a) M.	(a)	1.17-2.09- —
1887 Conn	4	192 M.	(a)	.16-6.58-1.69
1887 Conn	4	3 F.	(a)	.16-1.32- .55
1887 Del	4	40 M.	(a)	.14-3.29-1.22
1887 Fla	4	87 M.	(a)	.16-4.11-1.75
1887 Ill	298	152 (a)	(a)	1.26-2.17-1.52
1887 Kans	241	1 M.	(a)	1.25-1.25-1.25
1887 Me	4	9 M.	(a)	.16-1.64- .90
1887 Md	4	576 M.	(a)	.13-6.03-1.22
1887 Md	4	6 F.	(a)	.16-1.64- .68
1887 Mass	4	286 M.	(a)	.25-6.85-1.87
1887 Mass	4	1 F.	(a)	.58- .58- .58
1887 Mich	4	143 M.	(a)	.16-5.48-1.70
1887 Mo	4	198 M.	(a)	.16-6.85-1.46
1887 Mo	4	20 F.	(a)	.16-1.32-1.16
1887 Mo	298	264 (a)	(a)	1.15-2.33-1.82
1887 N. H	4	2 M.	(a)	1.00-1.75-1.38
1887 N. J	4	221 M.	(a)	.16-4.11-1.47
1887 N. J	4	1 F.	(a)	1.48-1.48-1.48
1887 N. Y	4	578 M.	(a)	.10-6.85-1.57
1887 N. Y	4	10 F.	(a)	.49-1.64- .95
1887 N. C	342	139 M.	f84-84-84	.38-1.89-1.44
1887 Oregon	4	62 M.	(a)	1.64-5.75-2.63
1887 Pa	4	699 M.	(a)	0.14-7.40-1.54
1887 Pa	4	5 F.	(a)	.99-1.48-1.22
1887 R. I	4	69 M.	(a)	.21-3.29-1.34
1887 Vt	4	5 M.	(a)	.26-1.48- .85
1887 Va	4	13 M.	(a)	1.15-4.11-1.61
1887 W. Va	4	15 M.	(a)	.14-1.64-1.00
1887 Wis	4	195 M.	(a)	.16-4.93-1.58
1887 Wis	4	5 F.	(a)	.33- .82- .66
1888 Colo	198	185 M.	(a)	2.21-2.61-2.39
1888 Ind	225	1043 (a)	g56-84-76	.59-4.11-1.69
1888 Iowa	233	1358 M.	h84-109-95	.74-5.39-1.79
1888 Kans	242	892 M.	(a)	.81-2.03-1.47
1888 Mo	298	590 (a)	(a)	.91-3.10-1.84
1889 Ind	226	1246 M.	i56-84-73	1.14-4.16-1.84
1889 Iowa	233	1289 M.	(a)	.72-2.21-1.57
1889 Kans	243	177 M.	j84-84-84	.50-3.33-1.68
1890 Ind	226	1377 M.	k63-84-75	.80-4.16-1.88
1890 Iowa	234	1011 M.	(a)	.52-2.57-1.85
1891 Ind	227	1762 M.	56-84-70	.90-4.16-1.79
1891 Me	257	735 M.	(a)	.83-3.26-1.68
1891 N. C	354	463 (a)	(a)	.48-2.06-1.51
1892 Ind	2: 7	1688 M.	l 56-84-73	.87-3.57-1.89
1892 Md	263	139 (a)	m55-84-68	.80-2.00-1.34
1892 N. C	355	520 (a)	(a)	.52-2.48-1.51
1893 Ind	228	3075 M.	n56-84-71	.76-5.00-1.82
1893 Mich	285	45 M.	o56-112-81	.99-6.85-2.10
1893 Mont	307	24 M.	p49-84-67	1.15-4.93-3.23
1893 N. C	347	528 (a)	(a)	.50-2.47-1.46
1894 Ind	228	2743 M.	q56-84-71	1.06-3.00-1.79
1894 Iowa	236	18 M.	o70-105-83	1.14-5.77-2.29
1894 Iowa	236	1 M.	84-84-84	r1.81-1.81-1.81
1894 Mont	308	67 M.	(a)	1.99-3.69-2.51
1894 Mont	309	2 (a)	(a)	3.75-3.75-3.75
1894 N. H	316	2 M.	60-72-66	1.43-1.71-1.57
1894 N. C	348	554 M.	(a)	.71-2.00-1.48
1894 W. Va	406	391 M.	(a)	.33-2.22-1.26
1895 Ind	229	2552 M.	f56-84-74	.84-3.75-1.71
1895 Iowa	237	1252 (a)	(a)	.91-2.55-1.75
1895 Mont	309	156 (a)	(a)	2.05-3.61-2.32
1895 N. C	349	542 (a)	(a)	.61-2.00-1.45
1895 Canada	187	(a) M.	(a)	1.32-1.32-1.32
1896 Ind	229	2834 M.	s56-84-73	.54-3.75-1.84
1896 Iowa	237	1345 (a)	(a)	.96-2.39-1.77
1896 Mo	305	747 (a)	(a)	.90-4.30-1.68
1896 Mont	310	163 M.	(a)	2.04-3.56-2.28
1896 N. C	350	556 M.	(a)	.24-2.00-1.42
1896 Canada	184	(a) M.	(a)	.80-3.00- —
1896 Canada	482	(a) (a)	(a)	1.97-4.11- —
1896 Mexico	184	(a) M.	(a)	1.28-2.56- —
1897 Iowa	238	1318 (a)	(a)	.86-2.58-1.77
1897 Kans	251	19 (a)	70-91-82	.49-2.47-1.59
1897 Md	265	522 (a)	t 56-84-77	.65-2.00-1.52
1897 Mich	289	7 (a)	70-126-85	1.97-2.96-2.46
1897 Mont	311	153 (a)	(a)	2.16-3.51-2.35
1897 N. C	351	525 (a)	(a)	.46-2.03-1.42
1898 Ind	230	2636 (a)	f56-84-74	.50-3.80-1.78
1898 Iowa	238	1338 (a)	(a)	1.08-2.39-1.74
1898 Kans	252	982 M.	(a)	1.55-2.96-2.03
1898 Mo	306	1079 (a)	56-84-70	1.00-4.66-1.67
1898 Nebr	314	445 (a)	u70-70-70	1.15-3.33-1.80
1898 N. J	329	372 M.	(a)	1.57-1.97-1.79
1898 N. C	352	527 (a)	(a)	.46-2.03-1.37
1899 N. Y	18	450 (a)	(a)	1.67-1.87-1.73
1899 N. C	356	611 (a)	(a)	.47-3.71-1.61
1899 Va	404	950 (a)	(a)	.54-2.13-1.45

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 125 persons not reported.
d Not including hours of 594 persons not reported.
e Not including hours of 1,503 persons not reported.
f Not including hours of 138 persons not reported.
g Not including hours of 335 persons not reported.
h Not including hours of 1,349 persons not reported.
i Not including hours of 514 persons not reported.
j Not including hours of 123 persons not reported.
k Not including hours of 328 persons not reported.
l Not including hours of 195 persons not reported.
m Not including hours of 121 persons not reported.
n Not including hours of 293 persons not reported.
o Not including hours of 2 persons not reported.
p Not including hours of 9 persons not reported.
q Not including hours of 247 persons not reported.
r And house and fuel.
s Not including hours of 254 persons not reported.
t Not including hours of 475 persons not reported.
u Not including hours of 316 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AGENTS, STREET RAILWAY.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Ohio	364	1 (a)	60-60-60	1.40-1.40-1.40	1889 Kans	243	2 M.	(a)	1.73-1.73-1.73
1887 Mo	297	1 M.	54-54-54	4.79-4.79-4.79	1892 Ohio	373	1 (a)	(a)	1.80-1.80-1.80
1888 Ohio	370	1 M.	(a)	6.39-6.39-6.39					

AGENTS, SUPPLY, RAILROAD.

1850 Germany	76	(a) M.	(a)	b.41- .91- —	1872 Germany	76	(a) M.	(a)	1.03-2.05- —
1860 Germany	76	(a) M.	(a)	.68-1.60- —	1886 Germany	76	(a) M.	(a)	1.03-2.28- —

AGENTS, TICKET, ASSISTANT, RAILROAD.

1887 Mo	4	3 M.	(a)	1.97-1.97-1.97	1887 Wis	4	1 M.	(a)	2.63-2.63-2.63
1887 N. Y	4	19 M.	(a)	.99-3.29-2.08					

AGENTS, TICKET, RAILROAD.

1850 Germany	76	(a) M.	(a)	b.35- .78- —	1885 Mich	279	19 M.	(a)	1.48-2.74-1.99
1860 Germany	76	(a) M.	(a)	.68-1.17- —	1886 Germany	76	(a) M.	(a)	1.17-1.66- —
1872 Germany	76	(a) M.	(a)	.98-1.27- —	1887 Conn	4	17 M.	(a)	.49-4.93-2.54
1875 Pa	380	208 M.	(a)	.39-3.20-1.88	1887 Fla	4	2 M.	(a)	2.47-3.29-2.88
1876 Pa	381	228 M.	c56-70-59	.33-2.47-1.28	1887 Md	4	33 M.	(a)	.16-3.29-2.03
1876 Pa	381	2 F.	(a)	.79- .79- .79	1887 Mass	4	20 M.	(a)	1.73-8.95-3.44
1877 Pa	382	94 M.	d70-84-74	.33-3.33-1.57	1887 Mass	4	1 F.	(a)	.54- .54- .54
1878 Pa	383	72 M.	e70-84-72	.53-2.56-1.56	1887 Mich	4	4 M.	(a)	1.64-3.29-2.55
1878 France	177	(a) (a)	(a)	.71-1.81- —	1887 Mo	4	5 M.	(a)	2.47-4.93-3.32
1878 Germany	177	(a) M.	(a)	1.67-1.98- —	1887 N. J	4	24 M.	(a)	.49-2.14-1.47
1878 Italy	177	(a) F.	32-32-32	.20- .20- .20	1887 N. Y	4	106 M.	(a)	.33-6.85-1.96
1879 Pa	384	263 (a)	(a)	.33-3.30-1.26	1887 N. Y	4	19 F.	(a)	.82-1.97-1.22
1884 Belgium	178	(a) M.	(a)	.80-1.71- —	1887 Oregon	4	1 M.	(a)	4.11-4.11-4.11
1884 Colombia	178	(a) (a)	(a)	1.85-1.85-1.85	1887 Pa	4	96 M.	(a)	.16-8.22-1.97
1884 France	178	(a) M.	(a)	.63-3.17- —	1887 Pa	4	2 F.	(a)	1.48-1.48-1.48
1884 France	178	(a) F.	(a)	.13- .70- —	1887 Va	4	3 M.	(a)	.74-1.64-1.07
1884 Germany	178	(a) M.	(a)	.58-1.04- —	1887 Wis	4	5 M.	(a)	.33-3.55-1.83
1884 Ireland	178	(a) M.	(a)	.69-1.22- —	1890 Netherl'ds	666	(a) M.	81-81-81	.83- .83- .83
1884 Italy	178	(a) M.	(a)	.84-1.32- —	1891 Nicaragua	106	(a) (a)	(a)	.84- .84- .84
1884 Russia	178	(a) M.	(a)	f.55-1.05- —	1893 Ill	10	1 M.	66-66-66	2.57-2.57-2.57
1884 Scotland	178	(a) M.	60-60-60	.49- .49- .49	1898 N. J	329	5 M.	(a)	1.17-1.17-1.17
1884 Spain	178	(a) M.	(a)	.55- .55- .55					

AGERS, BLEACHING, DYEING, AND PRINTING.

1871 England	629	(a) M.	(a)	.65- .65- .65	1890 N. Y	333	22 M.	(a)	.67-1.50-1.17
1885 Mass	1	37 M.	60-60-60	1.05-1.25-1.08	1891 N. Y	333	20 M.	(a)	.67-1.50-1.17
1885 N. H	1	33 M.	60-60-60	.75-1.60-1.12	1896 Pa	7	22 M.	60-60-60	.46-1.50-1.01
1885 Pa	7	30 M.	60-60-60	.46-1.58- .89					

AIRWAYMEN, MINING.

1880 England	571	(a) M.	54-54-54	.37- .87- —	1890 England	5	(a) M.	(a)	1.22-1.22-1.22
1889 England	5	(a) M.	48-48-48	1.22-1.32- —	1891 Belgium	457	(a) M.	54-54-54	.82- .82- .82

a Not reported.
b And uniform.
c Not including hours of 159 persons not reported.
d Not including hours of 59 persons not reported.
e Not including hours of 63 persons not reported.
f And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ALBUM MAKERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1879 Germany	545	(a) M.	60-60-60	0.60-1.07- —
1880 Germany	546	(a) F.	(a)	.36- .48- —
1881 Germany	178	(a) M.	(a)	.71- .83- —
1884 Germany	178	(a) M.	(a)	.71- .71- .71
1885 Germany	547	(a) M.	(a)	0.60-1.19- —
1887 N. Y	3	1 F.	59-59-59	1.17-1.17-1.17
1889 Germany	550	(a) M.	(a)	.20-1.07- —

ANNEALERS, BRASS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 N. Y	1	2 M.	60-60-60	2.00-2.00-2.00
1887 Conn	202	12 M.	(a)	1.50-1.50-1.50
1891 France	505	(a) M.	60-60-60	1.06-1.21- —
1896 Mass	8	1 M.	58-58-58	1.93-1.93-1.93

ANNEALERS, GLASS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1891 Belgium	457	(a) M.	72-72-72	.32-1.16- —

ANNEALERS, GOLD AND SILVER.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1855 Germany	8	(a) M.	60-60-60	2.00-2.00-2.00
1865 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Conn	8	3 M.	60-60-60	2.00-2.00-2.00
1896 N. J	8	1 M.	60-60-60	3.50-3.50-3.50
1896 N. Y	8	2 M.	60-60-60	2.00-2.25-2.13
1896 R. I	8	1 M.	60-60-60	2.00-2.00-2.00
1897 Conn	8	2 M.	60-60-60	2.00-2.00-2.00
1897 N. Y	8	1 M.	60-60-60	1.67-1.67-1.67

ANNEALERS' HELPERS, IRON AND STEEL.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1876 Pa	382	3 M.	(a	1.50-1.50-1.50
1884 N. J	323	3 M.	54-54-54	1.89-1.92-1.91
1885 Del	1	1 M.	60-60-60	1.50-1.50-1.50
1888 N. J	326	2 M.	(a)	1.40-1.40-1.40
1889 Pa	5	2 M.	(a)	1.92-1.92-1.92
1895 Ohio	376	23 M.	48-60-55	1.25-1.60-1.56
1895 Pa	8	2 M.	60-60-60	1.00-1.00-1.00
1896 Pa	394	3 M.	60-60-60	1.66-2.01-1.78
1897 Mass	8	1 M.	60-60-60	1.75-1.75-1.75
1897 Ohio	377	15 (a)	60-60-60	1.10-1.25-1.16

ANNEALERS, IRON AND STEEL.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1872 Pa	8	2 M.	60-60-60	1.50-2.00-1.75
1876 Pa	382	2 M.	(a)	2.50-2.50-2.50
1878 Pa	383	2 M.	(a)	2.00-2.00-2.00
1879 England	178	(a) M.	(a)	2.92-2.92-2.92
1880 Conn	7	1 M.	60-60-60	2.25-2.25-2.25
1880 Conn	190	2 M.	60-60-60	1.40-2.50-1.95
1880 England	571	(a) M.	54-54-54	.81-1.18- —
1881 Conn	190	2 M.	60-60-60	1.40-2.50-1.95
1882 Conn	190	2 M.	60-60-60	1.50-2.00-1.75
1882 Mo	294	1 M.	60-60-60	1.75-1.75-1.75
1883 Conn	190	2 M.	60-60-60	1.50-2.25-1.88
1883 Mass	273	4 M.	(a)	1.75-2.25-1.94
1884 Conn	190	2 M.	60-60-60	1.50-2.40-1.95
1884 N. J	323	2 M.	54-54-54	2.92-2.92-2.92
1884 Canada	466	(a) M.	59-59-59	2.50-2.50-2.50
1884 England	178	(a) M.	(a)	.41- .41- .41
1885 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1885 Del	1	1 M.	60-60-60	1.85-1.85-1.85
1885 Ill	1	1 M.	60-60-60	1.25-1.25-1.25
1885 Mass	7	2 M.	(a)	2.00-2.50-2.25
1887 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1887 Conn	202	2 M.	(a)	1.71-1.71-1.71
1888 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1888 N. J	326	1 M.	(a)	2.15-2.15-2.15
1888 N. Y	331	1 M.	(a)	1.25-1.25-1.25
1889 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1889 Del	5	6 M.	60-60-60	.51- .59- .55
1889 Ohio	5	77 M.	60-60-60	1.45-1.45-1.45
1889 Pa	5	9 M.	(a)	2.50-2.70-2.68
1890 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1890 N. Y	333	4 M.	(a)	1.25-2.00-1.44
1891 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1891 N. Y	333	10 M.	(a)	1.25-4.15-2.64
1892 Mass	20	1 M.	60-60-60	1.75-1.75-1.75
1893 Mass	20	1 M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	1 M.	60-60-60	1.75-1.75-1.75
1894 Ind	228	8 M.	51-60-52	1.26-1.50-1.29
1894 Mass	20	1 M.	60-60-60	1.80-1.80-1.80
1894 Ohio	375	16 M.	60-60-60	1.50-1.53-1.53
1894 France	129	(a) M.	60-60-60	1.06-1.06-1.06
1894 Germany	130	(a) M.	60-60-60	.47- .83- —
1894 Germany	130	(a) F.	60-60-60	.35- .35- .35
1895 Conn	7	1 M.	60-60-60	2.25-2.25-2.25
1895 Mass	20	1 M.	60-60-60	1.80-1.80-1.80
1895 Mo	304	7 M.	(a)	1.36-2.96-1.78
1895 N. Y	8	5 M.	60-60-60	3.00-3.00-3.00
1895 Ohio	376	22 M.	48-60-55	1.43-3.50-1.73
1895 Pa	8	2 M.	60-60-60	2.00-2.25-2.13
1896 N. Y	8	1 M.	60-60-60	1.75-1.75-1.75
1896 Ohio	377	3 M.	58-58-58	1.42-1.42-1.42
1896 Pa	394	4 M.	60-60-60	1.38-4.22-2.26
1897 Conn	204	1 M.	54-54-54	2.00-2.00-2.00
1897 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1897 N. Y	8	2 M.	60-60-60	1.50-3.00-2.25
1897 Ohio	377	21 (a)	48-60-50	1.35-2.50-1.44

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ANNEALERS, PLATED WARE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	1 M.	60-60-60	1.33-1.33-1.33	1891 N. Y.	333	4 M.	(a)	0.60-1.50-1.03
1890 N. Y.	333	4 M.	(a)	.60-1.50-1.03	1896 N. Y.	7	1 M.	60-60-60	1.33-1.33-1.33

ANNUNCIATOR MAKERS.

1890 Mich.	282	4 M.	60-60-60	1.25-1.67-1.48	....	....	....	....	....

APPLE PARER MAKERS.

1885 N. H	7	6 M.	59-59-59	.57-1.47-1.07	1895 N. H	7	7 M.	59-59-59	1.22-1.80-1.46

ARCHITECTS.

1876 Pa	381	1 M.	(a)	4.79-4.79-4.79	1889 Australia	432	(a) M.	(a)	6.61-6.61-6.61
1877 N. J	317	1 M.	59-59-59	3.00-3.00-3.00	1893 Ill	10	2 M.	47-48-48	3.50-5.00-4.25
1884 Mich.	278	1 M.	(a)	2.35-2.35-2.35	1893 Ill	10	1 M.	60-60-60	b1.00-1.00-1.00
1884 Aust-Hun.	178	(a) M.	60-60-60	.67-1.07- —	1893 Mich.	285	1 M.	48-48-48	4.41-4.41-4.41
1884 Germany	178	(a) M.	(a)	2.74-2.74-2.74	1894 N. C	348	1 (a)	60-60-60	5.00-5.00-5.00
1885 Me.	1	1 M.	60-60-60	3.25-3.25-3.25	1896 N. C	350	1 M.	60-60-60	1.50-1.50-1.50
1887 Ohio	369	1 M.	60-60-60	3.50-3.50-3.50					

ARMATURE WINDERS.

1888 N. Y.	331	52 M.	59-59-59	1.33-2.50-1.80	1893 Ohio	374	2 M.	60-60-60	2.50-2.50-2.50
1890 Mich.	282	6 M.	60-60-60	1.00-1.83-1.36	1894 Ind	228	5 M.	48-60-58	2.12-2 40-2.18
1891 N. Y.	333	2 M.	(a)	1.69-3.33-2.51	1894 Ohio	375	41 M.	60-60-60	1.48-2.20-2.05
1893 Mont.	307	4 M.	54-60-57	3.83-4.79-4.31	1895 Ohio	376	71 M.	d48-60-59	1.75-3.50-2.37
1893 N. J	327	17 F.	c55-55-55	1.33-1.58-1.48	1896 Ohio	377	17 M.	60-60-60	1.50-2.50-1.93

ARTIFICIAL EYE MAKERS.

1884 Germany	178	(a) M.	60-60-60	1.19-1.59- —	1893 Germany	121	(a) M.	(a)	.40- .40- .40

ARTIFICIAL FLOWER MAKERS.

1853 France	113	(a) F.	(a)	.26- .48- —	1873 Germany	177	(a) F.	(a)	.24- .24- .24
1853 France	609	(a) F.	72-72-72	.77- .77- .77	1873 Sweden	167	(a) (a)	(a)	.27- .27- .27
1857 France	611	(a) F.	(a)	.29- .29- .29	1874 Germany	177	(a) F.	(a)	.32- .32- .32
1860 France	609	(a) F.	72-72-72	.39- .39- .39	1875 France	496	(a) M.	(a)	.77-1.54- —
1864 Germany	185	(a) F.	(a)	.18- .18- .18	1875 France	496	(a) F.	(a)	.29- .68- —
1865 Germany	185	(a) M.	(a)	.40- .40- .40	1875 France	496	(a) (a)	(a)	.28- .46- —
1865 Germany	185	(a) F.	(a)	.15- .15- .15	1875 Germany	177	(a) F.	(a)	.40- .40- .40
1866 Germany	185	(a) M.	(a)	.40- .40- .40	1876 France	497	(a) M.	(a)	.77-1.54- —
1866 Germany	185	(a) F.	(a)	.15- .15- .15	1876 France	497	(a) F.	(a)	.29- .68- —
1867 Germany	185	(a) M.	(a)	.42- .42- .42	1876 France	497	(a) (a)	(a)	.28- .46- —
1867 Germany	185	(a) F.	(a)	.15- .15- .15	1876 Germany	177	(a) F.	(a)	.42- .42- .42
1868 Germany	185	(a) M.	(a)	.42- .42- .42	1877 Germany	177	(a) F.	(a)	.40- .40- .40
1868 Germany	185	(a) F.	(a)	.15- .15- .15	1878 France	498	(a) M.	(a)	.77-1.54- —
1869 France	609	(a) M.	72-72-72	.97- .97- .97	1878 France	498	(a) F.	(a)	.29- .68- —
1869 France	609	(a) F.	72-72-72	.48- .58- —	1878 France	498	(a) (a)	(a)	.29- .47- —
1869 Germany	609	(a) M.	(a)	.12- .61- —	1878 Germany	177	(a) F.	(a)	.40- .40- .40
1869 Germany	609	(a) F.	(a)	.12- .61- —	1879 Ill	3	1 F.	(a)	.33- .33- .33
1870 Germany	610	(a) M.	72-72-72	.16- .61- —	1879 France	499	(a) M.	(a)	.77-1.54- —
1870 Germany	610	(a) F.	72-72-72	.12- .61- —	1879 France	499	(a) F.	(a)	.29- .68- —
1871 Germany	185	(a) F.	(a)	.24- .31- —	1879 France	499	(a) (a)	(a)	.29- .48- —

a Not reported.
b And board.
c Not including hours of 3 persons not reported.
d Not including hours of 35 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ARTIFICIAL FLOWER MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 France	500	(a) M.	(a)	0.77-1.54- —
1880 France	500	(a) F.	(a)	.29- .68- —
1880 France	500	(a) (a)	(a)	.29- .48- —
1881 France	501	(a) M.	(a)	.48-1.16- —
1881 France	501	(a) F.	(a)	.29- .68- —
1881 France	501	(a) (a)	(a)	.30- .49- —
1882 Ill	3	1 F.	(a)	.46- .46- .46
1882 France	502	(a) M.	(a)	.48-1.16- —
1882 France	502	(a) F.	(a)	.29- .68- —
1882 France	502	(a) (a)	(a)	.30- .50- —
1882 Germany	632	(a) F.	(a)	.18- .18- .18
1883 France	503	(a) M.	(a)	.77-1.54- —
1883 France	503	(a) F.	(a)	.29- .68- —
1883 France	503	(a) (a)	(a)	.31- .50- —
1884 Ill	3	1 F.	(a)	.33- .33- .33
1884 Aust-Hun	178	(a) (a)	60-60-60	.20- .53- —
1884 France	178	(a) F.	(a)	.40- .60- —
1884 France	178	(a) (a)	60-60-60	b .19- .29- —
1884 France	504	(a) M.	(a)	.77-1.54- —
1884 France	504	(a) F.	(a)	.29- .68- —
1884 France	504	(a) (a)	(a)	.31- .50- —
1884 Italy	178	(a) M.	(a)	.29- .53- —
1884 Italy	178	(a) F.	(a)	.19- .24- —
1885 N. Y.	3	1 F.	(a)	.83- .83- .83
1885 N. Y.	7	116 F.	34-60-39	.83-2.08-1.49
1885 N. Y.	330	15 F.	c 54-57-55	.34-1.92-1.65
1885 France	494	(a) F.	(a)	.41- .58- —
1886 Cal	193	3 M.	51-51-51	.50-1.50-1.17
1886 Cal	193	15 F.	51-51-51	.83- .83- .83
1886 Ill	3	1 F.	(a)	.33- .33- .33
1886 Mo	3	7 F.	54-54-54	.33-1.17- .67
1886 Pa	3	13 F.	53-54-53	0.27-1.33-0.89
1886 France	495	(a) M.	(a)	.41- .97- —
1886 France	495	(a) F.	(a)	.58- .58- .58
1887 Ill	3	1 F.	56-56-56	.66- .66- .66
1887 La	3	3 F.	54-54-54	.42- .67- .58
1887 N. Y.	3	34 F.	47-57-53	.21-2.00- .92
1887 Ohio	3	1 F.	54-54-54	.67- .67- .67
1887 Pa	3	1 F.	54-54-54	1.17-1.17-1.17
1887 France	495	(a) M.	(a)	.97- .97- .97
1887 France	495	(a) F.	(a)	.58- .58- .58
1887 France	495	(a) (a)	(a)	.41- .41- .41
1889 Portugal	691	(a) F.	(a)	.02½-.39- —
1890 N. Y.	333	178 M.	(a)	.25-2.50-1.12
1891 N. Y.	333	225 M.	(a)	.25-2.50-1.16
1891 China	105	(a) (a)	(a)	.20- .20- .20
1891 France	522	(a) M.	(a)	.97- .97- .97
1891 France	522	(a) F.	(a)	.48- .48- .48
1891 France	522	(a) (a)	(a)	.41- .41- .41
1892 Cal	196	7 F.	51-51-51	.50-1.00- .65
1893 Md	10	1 M.	60-60-60	1.67-1.67-1.67
1893 Md	10	1 F.	58-58-58	.83- .83- .83
1893 N. Y.	10	3 M.	48-60-56	.83-2.00-1.61
1893 N. Y.	10	29 F.	d 35-66-55	.33-2.00- .96
1893 Pa	10	10 F.	48-60-54	.33-1.67- .75
1893 Aust-Hun	448	(a) M.	66-66-66	.14- .34- —
1893 England	632	(a) F.	(a)	.28- .49- —
1894 N. Y.	11	1 (a)	(a)	2.00-2.00-2.00
1894 France	129	(a) F.	60-60-60	.58-1.54- —
1895 N. Y.	7	105 F.	54-54-54	.75-2.00-1.53
1896 Ill	12	1 M.	(a)	.50- .50- .50
1896 Ill	12	1 F.	48-48-48	.83- .83- .83

ARTIFICIAL WOOL MAKERS.

1884 Germany	178	(a) M.	(a)	.41- .71- —	1884 Germany . 178 (a) F. (a) .29- .48- —

ARTISTS (NOT SPECIFIED).

1884 Mich	278	1 M.	(a)	3.50-3.50-3.50	1894 Ohio 375 1 F. 48-48-48 1.50-1.50-1.50
1886 Pa	7	2 M.	54-54-54	1.25-1.67-1.46	1894 Australia . 425 (a) (a) (a) 2.43-2.43-2.43
1886 Pa	7	7 F.	54-54-54	.63-2.00-1.14	1895 Ohio 376 5 F. 48-48-48 1.50-1.50-1.50
1887 Ohio	369	97 M.	60-60-60	3.33-9.00-5.41	1895 Australia . 426 (a) (a) (a) 2.43-2.43-2.43
1890 N. Y.	333	4 M.	(a)	5.00-5.00-5.00	1896 Ohio 377 5 M. 48-60-53 2.35-4.50-3.97
1891 N. Y.	333	20 M.	(a)	2.17-5.00-3.30	1896 Ohio 377 5 F. 48-48-48 1.50-2.00-1.60
1892 Me	258	1 F.	60-60-60	2.50-2.50-2.50	1896 Pa 7 1 M. 54-54-54 4.72-4.72-4.72
1893 Ohio	374	1 F.	60-60-60	1.00-1.00-1.00	1896 Pa 7 3 F. 54-54-54 .87-1.75-1.37
1893 Pa	10	2 M.	42-54-48	.75-2.50-1.63	1896 Australia . 427 (a) (a) (a) 2.43-2.84- —
1893 Pa	10	1 F.	48-48-48	1.67-1.67-1.67	1898 Mich 290 17 M. (a) 3.09-4.33-3.31
1894 Ohio	375	3 M.	48-48-48	2.50-4.00-3.50	1898 Mich 290 3 F. (a) .71-1.00- .81

ARTISTS, LITHOGRAPHING.

1881 Ohio	363	45 M.	e 48-60-54	3.00- 5.00-4.04	1891 N. Y. 333 136 M. (a) 2.17-13.33-4.10
1882 Ohio	364	69 (a)	54-54-54	5.71- 5.71-5.71	1891 N. Y. 333 3 F. (a) .83- 1.00- .89
1884 England	178	(a) M.	48-54 —	1.42- 8.11- —	1892 Cal 196 1 M. 48-48-48 (g)
1885 Mass	7	8 M.	59-59-59	1.50- 8.33-4.72	1892 England 577 (a) M. 48-48-48 .81- 8.11- —
1887 Cal	3	1 F.	48-48-48	1.00- 1.00-1.00	1892 England 632 (a) M. 48-48-48 1.42- 8.11- —
1888 Cal	194	1 F.	48-48-48	1.00- 1.00-1.00	1893 Ohio 374 98 M. 48-60-52 1.85- 7.00-4.77
1888 N. Y.	331	45 M.	f 48-48-48	.67- 6.50-4.27	1894 Ohio 375 84 M. 48-51-50 2.10- 6.19-4.69
1888 Canada	470	(a) M.	48-48-48	2.54- 2.54-2.54	1895 Mass 7 10 M. 58-58-58 3.00-10.00-4.40
1890 N. Y.	333	164 M.	(a)	2.33-13.33-3.92	1895 Ohio 376 164 M. 48-54-49 2.50- 6.04-4.00
1890 N. Y.	333	2 F.	(a)	.50- 1.00- .75	1896 Ohio 377 104 M. 48-50-49 4.00- 5.75-4.73

a Not reported.
b And board.
c Not including hours of 12 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 16 persons not reported.
f Not including hours of 17 persons not reported.
g $10.83-$10.83-$10.83.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ARTISTS' MODELS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Australia	415	(a)	(a)	(a)	b.24½- .61- —
1894 Australia	416	(a)	(a)	(a)	b.61 - .61- .61
1895 Australia	417	(a)	(a)	(a)	b.24½-.61 - —
1898 Australia	419	(a)	(a)	(a)	b.48½-.48½-.48½

ARTISTS, POTTERY PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Germany	185	(a)	M.	(a)	.72- .72- .72
1864 Germany	185	(a)	M.	(a)	.84- .84- .84
1865 Germany	185	(a)	M.	(a)	.72- .72- .72
1866 Germany	185	(a)	M.	(a)	.84- .84- .84
1867 Germany	185	(a)	M.	(a)	.84- .84- .84
1868 Germany	185	(a)	M.	(a)	.84- .84- .84
1895 Japan	132	(a)	(a)	60-60-60	.38- .72- —

ARTISTS, PRINTING AND PUBLISHING.

1880 Pa	8	1	M.	48-48-48	8.00- 8.00-8.00
1882 N. Y.	8	1	M.	54-54-54	8.10- 8.10-8.10
1883 Mass	273	44	M.	(a)	1.67-16.67-4.31
1883 Gr't Brit	273	(a)	M.	(a)	2.43- 4.06- —
1885 N. J	1	6	M.	66-66-66	4.87- 4.87-4.87
1885 N. Y.	7	4	M.	(a)	.67- 3.33-1.81
1888 N. Y.	331	12	M.	53-55-54	1.33- 3.33-2.11
1890 Ill.	19	6	M.	(a)	2.50- 7.50-4.58
1890 N. Y.	333	26	M.	(a)	.33- 6.67-2.71
1891 Ill.	19	6	M.	(a)	3.00- 7.50-4.42
1891 N. Y.	333	21	M.	(a)	.33- 6.67-3.01
1892 Ill.	19	6	M.	48-48-48	3.33-7.50-4.92
1892 Australia	424	(a)	M.	(a)	2.22-3.75- —
1892 Ireland	632	(a)	(a)	54-54-54	3.65-4.06- —
1893 Ill.	19	5	M.	48-48-48	3.33-7.50-4.47
1894 Ohio	375	12	M.	48-48-48	2.81-5.80-3.06
1895 Mass	7	1	M.	60-60-60	3.75-3.75-3.75
1895 N. Y.	7	5	M.	60-60-60	1.33-4.17-2.47
1895 N. Y.	8	1	M.	48-48-48	7.20-7.20-7.20
1895 Ohio	376	27	M.	48-48-48	3.33-3.50-3.36
1896 N. Y.	7	3	M.	59-59-59	2.00-3.33-2.89
1896 Ohio	377	36	M.	48-48-48	4.40-5.00-4.43

ASHMEN, COKE.

1889 Pa	5	11	M.	c 60-60-60	1.30-1.50-1.45
1889 Tenn	5	4	M.	70-70-70	1.00-1.00-1.00
1889 Belgium	5	(a)	M.	70-70-70	.30- .65- —

ASHMEN, IRON AND STEEL.

1866 England	566	(a)	M.	(a)	.85-1.10- —
1872 England	185	(a)	M.	(a)	.81- .81- .81
1874 Pa	185	4	M.	54-54-54	1.75-1.75-1.75
1874 Pa	380	2	M.	(a)	1.75-1.75-1.75
1876 Pa	381	3	M.	(a)	2.00-2.50-2.33
1877 England	570	(a)	M.	50-66 —	.74- .82- —
1878 Pa	383	5	M.	d 54-54-54	1.00-2.25-1.25
1880 England	571	(a)	M.	55-55-55	.73- .73- .73
1881 N. Y.	190	7	M.	60-60-60	1.40-1.40-1.40
1882 N. Y.	190	13	M.	60-60-60	1.40-1.40-1.40
1883 N. Y.	190	13	M.	60-60-60	1.40-1.40-1.40
1884 N. Y.	190	5	M.	60-60-60	1.25-1.25-1.25
1885 N. Y.	190	2	M.	60-60-60	1.00-1.00-1.00
1885 Ohio	1	2	M.	72-72-72	2.00-2.00-2.00
1886 N. Y.	190	10	M.	60-60-60	1.13-1.50-1.35
1887 N. Y.	190	11	M.	60-60-60	1.38-1.50-1.44
1888 N. Y.	190	8	M.	60-60-60	1.25-1.50-1.39
1888 N. Y.	331	4	M.	54-54-54	1.30-1.30-1.30
1888 W. Va	5	2	M.	66-66-66	1.42-1.55-1.49
1888 England	5	(a)	M.	(a)	.41- .75- —
1889 Ill.	5	25	M.	72-72-72	1.35-1.70-1.50
1889 Ind	5	3	M.	66-66-66	1.25-1.50-1.33
1889 N. Y.	5	7	M.	60-60-60	1.25-1.50-1.32
1889 N. Y.	190	11	M.	60-60-60	1.25-1.50-1.34
1889 Ohio	5	10	M.	(a)	1.25-1.75-1.57
1889 W. Va	5	13	M.	e 66-66-66	1.25-1.55-1.47
1889 Belgium	5	(a)	M.	72-72-72	.55- .55- .55
1889 England	5	(a)	M.	(a)	.55- .75- —
1889 France	5	(a)	M.	f 63-63-63	.70- .80- —
1889 Germany	5	(a)	M.	(a)	.33- .69- —
1889 Scotland	5	(a)	M.	g 66-66-66	.71-1.40- —
1890 Ala	5	1	M.	55-55-55	3.33-3.33-3.33
1890 N. Y.	190	9	M.	60-60-60	1.25-1.50-1.42
1890 Gr't Brit	577	(a)	M.	(a)	1.28-1.28-1.28
1891 N. Y.	190	6	M.	60-60-60	1.13-1.50-1.32
1895 Mo	304	1	M.	(a)	2.50-2.50-2.50
1896 Pa	394	4	M.	60-60-60	1.10-1.35-1.21
1898 Ohio	18	3	M.	(a)	1.10-1.10-1.10
1898 Pa	18	7	M.	(a)	1.20-1.70-1.36
1898 England	594	(a)	(a)	(a)	.85- .85- .85
1899 Ohio	18	6	M.	(a)	1.25-1.25-1.25
1899 Pa	18	13	M.	(a)	1.25-1.80-1.59

a Not reported.
b Per hour.
c Not including hours of 6 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 11 persons not reported.
f Applies to but 1 of the 3 wage quotations.
g Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ASHMEN, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Pa	382	3	M.	60-60-60	1.50-1.50-1.50	1887 N. J	4	8	M.	(a)	1.20-1.95-1.42
1878 Pa	383	3	M.	60-60-60	1.40-1.40-1.40	1887 N. Y	4	21	M.	(a)	.35-1.35-1.14
1887 Md	4	30	M.	(a)	1.10-1.25-1.12	1887 N. Y	4	1	M.	(a)	b.11½-.11½-.11½
1887 Mich	4	50	M.	60-60-60	1.25-1.50-1.30	1887 Pa	4	33	M.	(a)	1.10-1.30-1.21
1887 Mich	4	1	M.	(a)	b.13½-.13½-.13½						

ASPHALT LAYERS.

1894 Australia	425	(a)	(a)	(a)	1.46-1.70- —	1896 Pa	14	59	M.	60-60-60	1.75-1.75-1.75
1895 Australia	426	(a)	(a)	(a)	1.46-1.70- —	1896 Australia	427	(a)	(a)	(a)	1.46-1.70- —
1896 Md	14	38	M.	60-60-60	2.00-2.00-2.00	1898 Germany	151	(a)	(a)	(a)	1.03-1.59- —
1896 N. Y	14	104	M.	48-60-58	2.00-2.50-2.25						

ASPHALT MIXERS.

1878 Germany	544	(a)	M.	(a)	b.09½-.09½-.09½	1896 Md	14	8	M.	(a)	b.15- .15- .15
1882 Germany	554	(a)	(a)	60-60-60	.48-.79- —	1896 N. Y	14	35	M.	48-60-58	2.00-2.50-2.37
1884 Germany	556	(a)	(a)	48-60 —	.71-1.19- —	1896 Pa	14	18	M.	60-60-60	1.50-1.50-1.50
1889 Germany	514	(a)	(a)	(a)	.95-1.19- —	1897 Australia	428	(a)	(a)	(a)	1.42-1.70- —
1892 France	505	(a)	M.	60-77 —	1.09-1.35- —	1898 Australia	429	(a)	(a)	(a)	1.42-1.95- —
1896 Md	14	6	M.	60-60-60	1.50-1.50-1.50						

ASSAYERS.

1884 Italy	178	(a)	M.	(a)	1.53-1.53-1.53	1893 Mont	307	1	M.	54-54-54	3.50-3.50-3.50
1884 Mexico	178	(a)	(a)	60-60-60	1.50-5.83- —	1894 Ohio	375	2	M.	48-48-48	1.50-1.50-1.50
1888 N. Y	331	2	M.	47-47-47	4.17-4.17-4.17	1898 Australia	419	(a)	(a)	(a)	2.84-2.84-2.84
1892 Australia	424	(a)	M.	(a)	2.84-8.11- —						

ASSEMBLERS, BICYCLES.

1893 Ohio	374	16	M.	60-60-60	2.25-2.25-2.25	1896 Ohio	377	101	M.	56-60-60	1.65-2.50-2.31
1895 Ohio	376	42	M.	60-60-60	2.25-2.50-2.41						

ASSEMBLERS, BRIDGE BUILDING.

1896 Pa	394	10	M.	60-60-60	1.10-1.50-1.23						

ASSEMBLERS, CARRIAGES AND WAGONS.

1896 Mich	288	23	(a)	60-60-60	.75-2.50-1.62						

ASSEMBLERS, CLOCKS.

1842 Conn	8	3	M.	66-66-66	.50-2.00-1.25	1896 Conn	8	2	M.	60-60-60	1.50-1.75-1.63
1886 N. Y	3	1	F.	59-59-59	.63- .63- .63	1896 Conn	8	5	F.	60-60-60	1.25-2.50-2.03

ASSEMBLERS, CUTLERY.

1883 Mass	273	40	(a)	(a)	.63- .63- .63	1894 England	590	(a)	M.	(a)	.61- .76- —

a Not reported. b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ASSEMBLERS, FIREARMS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mass	1	24 M.	60-60-60	2.75-2.75-2.75	1896 Conn	8	22 M.	60-60-60	2.25-2.25-2.25
1886 Italy	633	(a) M.	63-66 —	.48- .97- —	1896 N. Y.	8	7 M.	60-60-60	2.50-2.50-2.50
1890 Mich	282	6 M.	60-60-60	.79-1.60-1.26	1897 N. Y.	8	4 M.	60-60-60	2.00-2.75-2.56
1894 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00					

ASSEMBLERS, FOUNDRY AND MACHINE SHOP.

1862 Italy	633	(a) M.	(a)	.39- .66- —	1883 Italy	633	(a) M.	n60-66 —	.58 - .82- —
(b) Italy	633	(a) M.	72-72-72	.42- .42- .42	1884 Italy	633	(a) M.	j60-66 —	.58 - .82- —
(c) Italy	633	(a) M.	(a)	.50- .50- .50	1885 Conn	7	4 M.	(a)	1.50 -2.00-1.73
1866 Italy	633	(a) M.	(a)	.50- .50- .50	1885 Italy	633	(a) M.	j60-66 —	.52 - .87- —
(d) Italy	633	(a) M.	60-60-60	.68- .68- .68	1886 Italy	633	(a) M.	60-66 —	.09½-1.35- —
1868 Italy	633	(a) M.	60-60-60	.63- .63- .63	1887 Conn	202	3 M.	(a)	1.89 -1.89-1.89
(e) Italy	633	(a) M.	72-72-72	.44- .44- .44	1887 Conn	202	1 F.	(a)	.79 - .79- .79
(f) Italy	633	(a) M.	63-63-63	.31- .31- .31	1888 N. Y.	331	7 M.	59-59-59	2.00 -2.00-2.00
1869 Italy	633	(a) M.	60-63 —	.34- .68- —	1891 Italy	638	(a) M.	60-66 —	.39 -1.35- —
1870 Italy	633	(a) M.	60-60-60	.72- .72- .72	1892 Mass	20	29 M.	60-60-60	1.25 -2.70-1.84
1871 Italy	633	(a) M.	g60-60-60	.42- .68- —	1893 Mass	20	5 M.	60-60-60	1.25 -2.70-1.84
1872 Italy	633	(a) M.	h60-63 —	.39- .72- —	1893 Italy	639	(a) M.	60-60-60	.48 -1.41- —
1873 Italy	633	(a) M.	i60-60-60	.44- .72- —	1894 Mass	20	1 M.	60-60-60	1.50 -1.50-1.50
1874 Italy	633	(a) M.	j60-60-60	.46- .72- —	1894 N. Y.	8	1 M.	60-60-60	1.50 -1.50-1.50
(k) Italy	633	(a) M.	63-63-63	.39- .39- .39	1894 Italy	640	(a) M.	(a)	.82 - .95- —
1875 Italy	633	(a) M.	l60-66 —	.48- .79- —	1895 Conn	7	1 M.	59-59-59	1.33 -1.33-1.33
1876 Italy	633	(a) M.	j60-66 —	.50- .72- —	1895 Conn	7	3 F.	59-59-59	.81 -1.23- .95
1877 Italy	633	(a) M.	j60-66 —	.52- .72- —	1895 Mass	20	2 M.	60-60-60	2.00 -2.50-2.25
1878 Italy	633	(a) M.	j60-66 —	.52- .77- —	1895 Ohio	376	61 M.	60-60-60	.85 -2.25-2.05
1879 Italy	633	(a) M.	g60-60-60	.54- .82- —	1895 Italy	640	(a) M.	(a)	.82 - .93- —
1880 Italy	633	(a) M.	g60-60-60	.54- .82- —	1896 Ohio	377	247 M.	57-60-58	1.93 -2.21-1.98
1881 Italy	633	(a) M.	n60-66 —	.54- .82- —	1896 Ohio	377	79 F.	48-48-48	.97 - .97- .97
1882 Italy	633	(a) M.	o60-66 —	.58- .97- —	1896 Italy	640	(a) M.	(a)	.82 - .91- —

ASSEMBLERS' HELPERS, FOUNDRY AND MACHINE SHOP.

1892 Mass	20	2 M.	60-60-60	1.00-1.00-1.00	1894 Mass	20	1 M.	60-60-60	1.00-1.00-1.00
1893 Mass	20	1 M.	60-60-60	1.00-1.00-1.00					

ASSEMBLERS, LAMPS.

1888 N. Y.	331	3 M.	59-59-59	1.50-1.50-1.50	1891 N. Y.	333	2 M.	(a)	1.50-1.50-1.50
1890 N. Y.	333	2 M.	(a)	1.50-1.50-1.50					

ATTENDANTS, PHOTOGRAPHY.

1886 Germany	548	(a) F.	(a)	.36-1.11- —	1888 S. C	3	2 F.	60-66-63	.50- .83- .67
1887 Mass	3	1 F.	54-54-54	1.00-1.00-1.00	1896 Ga	7	2 F.	60-60-60	.67- .67- .67

ATTENDANTS, RESERVOIR, RAILROAD.

1884 Aust-Hun	178	(a) M.	(a)	.42- .50- —	....	.....	....	.....	.....

a Not reported.
b Average for 1862–64.
c Average for 1862–65.
d Average for 1866–67.
e Average for 1865–68.
f Average for 1866–68.
g Applies to but 1 of the 2 wage quotations.
h Applies to but 2 of the 4 wage quotations.
i Applies to but 2 of the 5 wage quotations.
j Applies to but 2 of the 3 wage quotations.
k Average for 1873–74.
l Applies to but 3 of the 5 wage quotations.
n Applies to but 3 of the 4 wage quotations.
o Applies to but 4 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ATTENDANTS, STATION, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 Pa	384	2 F.	(a)	0.97-0.97-0.97	1887 Mass	4	2 F.	(a)	1.31-1.31-1.31
1884 England	178	(a) M.	(a)	.42- .42- .42	1887 N. Y.	4	6 F.	(a)	.59-1.00- .87
1887 Md.	4	4 F.	(a)	.80- .99- .89	1888 Australia	432	(a) F.	(a)	.31- .31- .31
1887 Mass	4	8 M.	(a)	1.15-2.88-1.41	1889 Australia	432	(a) F.	(a)	.52- .52- .52

AUCTIONEERS.

1886 Kans.	240	1 M.	84-84-84	3.12-3.12-3.12	1898 Nebr	314	1 (a)	60-60-60	5.00-5.00-5.00
1887 Kans.	241	3 M.	(a)	1.50-1.54-1.53					

AUDITORS, RAILROAD.

1876 Pa	381	4 M.	b 48-48-48	5.75-14.42-8.40	1884 Germany	178	(a) M.	(a)	1.63-1.63-1.63
1877 Pa	382	4 M.	b 48-48-48	5.75-14.42-8.40	1887 Pa	4	1 M.	(a)	5.75-5.75-5.75
1878 Pa	383	3 M.	c 48-48-48	6.72-14.42-9.29	1891 Nicaragua	106	(a) (a)	(a)	1.96-2.61- —
1878 Germany	177	(a) M.	(a)	2.28- 2.28-2.28					

AWNING HANGERS.

1882 Mo	294	1 M.	60-60-60	1.50-1.50-1.50	1894 Ohio	375	5 M.	60-60-60	1.75-1.75-1.75
1884 Pa	7	3 M.	60-60-60	2.33-2.67-2.44	1895 Md.	7	1 M.	60-60-60	1.67-1.67-1.67
1885 Ill	7	8 M.	(a)	1.67-2.33-1.88	1895 N. J	7	1 M.	59-59-59	1.50-1.50-1.50
1885 Md.	7	1 M.	60-60-60	1.67-1.67-1.67	1895 Ohio	376	28 M.	54-60-59	1.50-2.25-2.01
1885 N. J	7	2 M.	59-59-59	1.33-1.50-1.42	1896 Ill.	7	8 M.	54-54-54	1.67-2.33-1.88
1887 Ohio	369	7 M.	60-60-60	1.50-2.00-1.79	1896 Mo	305	12 M.	48-60-58	1.25-1.55-1.50
1890 N. Y.	333	9 M.	(a)	1.00-3.00-2.22	1896 Ohio	377	7 M.	60-60-60	1.64-1.64-1.64
1891 N. Y.	333	10 M.	(a)	1.00-3.00-2.10	1896 Pa	7	5 M.	60-60-60	1.50-3.00-2.17
1893 Ohio	374	14 M.	60-60-60	2.00-2.50-2.46					

AWNING HANGERS' HELPERS.

1884 Pa	7	1 M.	60-60-60	1.50-1.50-1.50	1894 Ohio	375	1 M.	60-60-60	1.25-1.25-1.25
1885 N. J	7	1 M.	59-59-59	.75- .75- .75	1895 N. J	7	1 M.	59-59-59	.67- .67- .67

AWNING MAKERS.

1880 La	7	3 M.	(a)	1.67-2.00-1.89	1891 N. Y.	333	13 M.	(a)	.83-3.00-1.69
1880 Md.	7	2 M.	(a)	3.00-3.00-3.00	1891 N. Y.	333	5 F.	(a)	.83-1.67-1.50
1880 N. J	319	1 (a)	50-50-50	2.00-2.00-2.00	1892 Me.	258	1 F.	60-60-60	1.00-1.00-1.00
1882 Mo	294	3 M.	60-60-60	1.35-2.25-1.87	1893 Ohio	374	9 M.	60-60-60	1.50-2.00-1.67
1882 Mo	294	5 F.	60-60-60	.50-1.00- .70	1894 Ohio	374	1 M.	(a)	2.00-2.00-2.00
1884 Mo	295	3 F.	60-60-60	.67- .75- .72	1894 Ohio	375	23 M.	57-60-60	1.75-2.25-2.18
1884 N. J	7	2 M.	59-59-59	1.17-2.00-1.59	1895 La	7	5 M.	60-60-60	1.58-2.50-2.02
1885 Ill	7	18 F.	(a)	.54-1.25- .95	1895 Md.	7	5 M.	54-60-56	2.50-3.00-2.60
1885 Md.	7	2 M.	60-60-60	2.50-2.50-2.50	1895 N. J	7	3 M.	59-59-59	1.50-2.00-1.67
1885 Mich.	7	5 M.	60-60-60	2.00-2.00-2.00	1895 N. Y.	7	10 M.	54-54-54	2.00-2.00-2.00
1885 N. Y.	7	4 M.	54-54-54	1.67-2.00-1.75	1895 N. Y.	8	2 M.	60-60-60	.50-1.50-1.00
1885 N. Y.	330	100 F.	(a)	1.17-1.17-1.17	1895 Ohio	376	13 M.	60-60-60	1.75-1.85-1.82
1886 Cal.	193	2 M.	60-60-60	3.00-3.00-3.00	1895 Ohio	376	12 F.	60-60-60	.90-1.12- .96
1886 Mich.	7	3 M.	60-60-60	1.50-1.50-1.50	1896 Ill.	7	15 F.	54-54-54	.50-1.25- .98
1887 Mass	3	5 F.	51-59-54	.50-1.33-1.03	1896 Mich.	7	10 M.	60-60-60	1.50-2.00-1.80
1888 Ind	3	3 F.	57-57-57	.50- .58- .56	1896 Ohio	377	21 M.	60-60-60	1.50-2.00-1.98
1888 N. Y.	331	41 M.	d 53-60-58	.50-2.50-1.94	1898 N. J	329	8 M.	60-60-60	1.17-2.50-1.88
1888 N. Y.	331	16 F.	e 54-59-56	1.00-1.50-1.32	1898 N. J	329	5 F.	60-60-60	1.00-1.50-1.27
1890 N. Y.	333	28 M.	(a)	.63-3.00-1.39	1899 Mass	18	16 F.	54-54-54	1.17-1.33-1.25
1890 N. Y.	333	5 F.	(a)	.83-1.50-1.37	1900 Mass	18	9 F.	54-54-54	1.17-1.33-1.31
1891 Mich.	283	16 F.	(a)	.79-1.00- .89					

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 7 persons not reported.
e Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

AWNING MAKERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1880 Md	7	1 M.	(a)	1.08-1.08-1.08	1895 Md	7	1 M.	54-54-54	0.83-0.83-0.83

AX MAKERS.

1872 Ohio	361	1 M.	(a)	3.67-3.67-3.67	1886 Canada	468	(a) M.	53-54 —	1.57-1.72- —
1879 Ohio	361	1 M.	(a)	2.14-2.14-2.14	1887 Canada	469	(a) M.	54-54-54	2.25-2.26- —
1881 Ohio	2	75 M.	54-54-54	3.03-3.03-3.03	1888 Me	254	1 M.	54-54-54	2.00-2.00-2.00
1882 Ohio	2	75 M.	54-54-54	3.18-3.18-3.18	1888 Canada	470	(a) M.	44-44-44	2.48-2.48-2.48
1884 Mich	278	2 M.	(a)	2.50-2.75-2.63	1889 Canada	471	(a) M.	51-51-51	2.53-2.53-2.53
1884 Canada	466	(a) M.	57-60 —	1.57-2.43- —	1893 Ohio	374	36 M.	48-48-48	2.50-2.50-2.50
1885 Canada	467	(a) M.	53-58 —	1.81-1.99- —	1894 Ohio	375	15 M.	42-42-42	2.60-2.60-2.60

AXMEN.

1873 Pa	190	1 M.	42-42-42	1.92-1.92-1.92	1887 Pa	4	10 M.	(a)	1.25-1.75-1.65
1887 Conn	4	3 M.	(a)	2.50-2.50-2.50	1887 Va	4	3 M.	(a)	.96- .96- .96
1887 Mass	4	1 M.	(a)	1.75-1.75-1.75	1887 W. Va	4	15 M.	(a)	1.25-1.34-1.26
1887 N. Y	4	1 M.	(a)	1.53-1.53-1.53	1887 Wis	4	22 M.	(a)	1.33-2.00-1.74
1887 Oregon	4	18 M.	(a)	1.53-1.73-1.54	1896 N. Y	14	14 M.	54-60-56	2.50-2.50-2.50

AXLE MAKERS.

1876 Pa	381	2 M.	(a)	1.75-1.75-1.75	1888 N. J	326	1 (a)	60-60-60	2.50-2.50-2.50
1881 Ohio	363	4 M.	(a)	3.50-3.50-3.50	1888 N. Y	331	2 M.	(a)	5.50-5.50-5.50
1883 N. J	322	25 M.	60-60-60	2.00-3.00-2.67	1889 Mo	5	6 M.	(a)	1.67-4.25-3.54
1883 Ohio	365	1 M.	60-60-60	3.00-3.00-3.00	1893 Ohio	374	145 M.	60-60-60	1.55-1.55-1.55
1884 N. Y	2	50 M.	60-60-60	2.27-2.50-2.39	1894 Ohio	375	9 M.	66-66-66	2.50-2.50-2.50
1886 Canada	468	(a) M.	59-59-59	1.61-1.63- —	1895 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1887 Md	4	6 M.	(a)	1.10-2.00-1.50	1895 Ohio	376	260 M.	b 48-60-60	1.40-3.08-1.70
1887 N. J	4	8 M.	(a)	1.20-1.70-1.36	1896 Mich	288	1 (a)	60-60-60	1.35-1.35-1.35
1887 N. Y	4	2 M.	(a)	1.50-1.50-1.50	1896 Ohio	377	77 M.	60-60-60	1.90-1.90-1.90
1887 Ohio	369	54 M.	60-60-60	1.20-1.60-1.54	1897 Ohio	377	2 (a)	60-60-60	1.55-1.55-1.55

AXLE MAKERS' HELPERS.

1887 N. Y	4	6 M.	(a)	1.25-1.35-1.28	1894 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50

BACKERS, BOOK BINDERY.

1856 N. Y	8	1 M.	60-60-60	1.65-1.65-1.65	1891 N. Y	333	3 M.	(a)	3.17-3.17-3.17
1860 N. Y	8	1 F.	60-60-60	.75- .75- .75	1895 N. Y	7	1 M.	58-58-58	3.33-3.33-3.33
1885 N. Y	7	2 M.	59-59-59	1.30-3.31-2.31	1896 N. Y	8	1 F.	54-54-54	.85- .85- .85
1890 N. Y	333	3 M.	(a)	3.17-3.17-3.17					

BACKERS, BUTTONS.

1882 N. J	7	1 M.	(a)	2.00-2.00-2.00	1888 N. J	326	4 (a)	(a)	.92- .92- .92
1883 N. J	322	4 (a)	60-60-60	1.33-1.33-1.33	1895 N. J	7	11 M.	57-59-57	1.67-2.00-1.97
1885 N. J	7	2 M.	59-59-59	1.75-1.75-1.75	1896 Pa	7	4 M.	58-58-58	.89-1.19-1.03
1887 N. Y	3	2 F.	54-58-56	.96-1.17-1.07	1899 N. Y	18	10 M.	59-59-59	1.33-2.17-1.67
1888 N. J	326	3 M.	(a)	1.50-1.50-1.50	1900 N. Y	18	10 M.	59-59-59	1.33-2.17-1.67

a Not reported.

b Not including hours of 67 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BACKERS, PEARL AND IVORY GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.....	333	11 M.	(a)	1.67-1.67-1.67	1891 N. Y.....	333	5 M.	(a)	1.00-2.00-1.80

BACKERS UP, ELECTROTYPING.

1865 Pa	8	1 M.	60-60-60	2.50-2.50-2.50	1895 Pa	8	3 M.	60-60-60	2.33-2.66.2.55

BACK MAKERS, BRUSHES.

1887 N. Y.....	3	5 F.	57-57-57	.42- .67- .58	....	....	....	....	.....

BACK MAKERS, BUTTONS.

1840 Conn.....	8	2 F.	60-60-60	.83- .83- .83	1887 N. Y.....	3	6 F.	57-58-57	.75-1.42- .97
1885 N. J	7	5 F.	59-59-59	.88-1.03- .97	1895 N. Y.....	7	12 F.	59-59-59	1.00-1.19-1.10
1886 Pa	7	3 F.	59-59-59	.53- .63- .60	1896 Pa	7	3 F.	58-58-58	.78- .93- .83

BACK MAKERS, CARRIAGES AND WAGONS.

1893 Ohio	374	4 F.	48-48-48	1.21-1.21-1.21	1896 Ohio	377	3 M.	60-60-60	1.86-1.86-1.86
1894 Ohio	375	2 F.	42-42-42	1.06-1.06-1.06	1896 Ohio	377	4 F.	36-36-36	1.50-1.50-1.50
1895 N. Y.....	8	1 M.	60-60-60	1.25-1.25-1.25					

BACK OVERMEN, COAL MINING.

1841 England ..	625	(a) M.	(a)	.89-1.01- —	1880 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1871 England ..	577	(a) M.	48-48-48	1.14-1.14-1.14	1881 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1872 England ..	577	(a) M.	48-48-48	1.62-1.62-1.62	1882 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1873 England ..	185	(a) M.	(a)	b1.21-2.02- —	1883 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1873 England ..	577	(a) M.	48-48-48	2.03-2.03-2.03	1884 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1874 England ..	185	(a) M.	(a)	1.61-2.02- —	1885 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1874 England ..	577	(a) M.	48-48-48	2.03-2.03-2.03	1886 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54
1875 England ..	577	(a) M.	48-48-48	2.03-2.03-2.03	1887 England ..	577	(a) M.	48-48-48	1.30-1.30-1.30
1876 England ..	577	(a) M.	48-48-48	1.74-1.74-1.74	1888 England ..	577	(a) M.	48-48-48	1.30-1.30-1.30
1877 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54	1889 England ..	577	(a) M.	(a)	1.50-1.50-1.50
1878 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54	1890 England ..	577	(a) M.	(a)	1.62-1.62-1.62
1879 England ..	577	(a) M.	48-48-48	1.54-1.54-1.54	1891 England ..	577	(a) M.	(a)	1.62-1.62-1.62

BACK TENDERS, CALICO PRINTING.

1880 Mass	7	1 M.	60-60-60	1.67-1.67-1.67	1888 N. Y.....	331	20 M.	(a)	1.28-1.28-1.28
1881 N. J	320	7 M.	(a)	1.17-1.17-1.17	1889 N. H	6	29 M.	60-60-60	1.21-1.25-1.23
1882 N. J	321	31 M.	c60-60-60	1.17-1.25-1.21	1890 N. Y.....	333	26 M.	(a)	1.28-1.28-1.28
1883 N. J	322	28 M.	d60-60-60	1.17-1.25-1.23	1891 N. Y.....	333	32 M.	(a)	1.28-1.28-1.28
1885 Conn.....	7	7 M.	60-60-60	.90-1.50-1.40	1894 R. I	401	3 (a)	(a)	1.17-1.33-1.25
1885 Mass	1	46 M.	60-60-60	.75-1.33- .95	1895 Mass	7	15 M.	60-60-60	1.42-1.42-1.42
1885 N. H	1	12 M.	60-60-60	1.25-1.25-1.25	1896 Conn.....	7	12 M.	60-60-60	.70-1.50-1.41
1885 Pa	7	6 M.	60-60-60	1.42-1.42-1.42	1896 Pa	7	10 M.	60-60-60	1.42-1.58-1.47

a Not reported.
b And house.
c Not including hours of 5 persons not reported.
d Not including hours of 20 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BACK TENDERS, COTTON GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 Mass	190	3 M.	84-84-84	0.38-0.40-0.39
1840 Mass	190	2 F.	84-84-84	.42- .44- .43
1841 Mass	190	2 M.	84-84-84	.33- .40- .37
1841 Mass	190	2 F.	84-84-84	.44- .44- .44
1841 England	625	(a) M.	60-60-60	.45- .45- .45
1841 Russia	185	(a) M.	(a)	.14- .23- —
1842 Mass	190	1 M.	84-84-84	.40- .40- .40
1842 Mass	190	3 F.	84-84-84	.38- .44- .40
1843 Mass	190	4 M.	84-84-84	.22- .48- .35
1843 Mass	190	2 F.	84-84-84	.38- .44- .41
1844 Mass	190	4 M.	84-84-84	.25- .33- .29
1844 Mass	190	2 F.	84-84-84	.38- .42- .40
1845 Mass	190	4 M.	84-84-84	.25- .33- .31
1845 Mass	190	3 F.	84-84-84	.38- .42- .39
1846 Mass	190	4 M.	84-84-84	.20- .48- .34
1846 Mass	190	3 F.	84-84-84	.33- .38- .36
1847 Mass	190	1 M.	84-84-84	.42- .42- .42
1847 Mass	190	1 F.	84-84-84	.42- .42- .42
1848 Mass	190	1 M.	84-84-84	.42- .42- .42
1849 Mass	190	14 M.	75-75-75	.33- .33- .33
1850 Mass	190	16 M.	75-75-75	.33- .33- .33
1851 Mass	190	26 M.	72-75-74	.20- .30- .27
1852 Mass	190	32 M.	72-75-73	.20- .30- .26
1852 Mass	190	1 F.	72-72-72	.38- .38- .38
1853 Mass	190	32 M.	72-75-73	.20- .30- .27
1854 Mass	190	32 M.	66-72-69	.20- .37- .30
1855 Mass	190	28 M.	66-72-69	.20- .37- .32
1856 Mass	190	31 M.	66-72-69	.20- .45- .33
1856 Mass	190	5 F.	72-72-72	.45- .46- .46
1857 Mass	190	35 M.	66-72-69	.21- .46- .34
1857 Mass	190	1 F.	72-72-72	.45- .45- .45
1858 Mass	190	28 M.	66-72-69	.21- .37- .31
1859 Mass	190	28 M.	66-72-69	.25- .37- .32
1859 Mass	190	1 F.	72-72-72	.40- .40- .40
1860 Mass	190	29 M.	66-72-69	.25- .30- .28
1861 Mass	190	28 M.	66-66-66	.20- .30- .27
1862 Mass	190	29 M.	66-66-66	.19- .30- .25
1863 Mass	190	15 M.	66-66-66	.27- .42- .36
1864 Mass	190	32 M.	66-66-66	.30- .59- .38
1864 Mass	190	6 F.	66-66-66	.40- .45- .41
1865 Mass	190	30 M.	66-66-66	.35- .59- .40
1866 Mass	190	31 M.	66-66-66	.40- .55- .45
1866 Scotland	566	(a) F.	60-60-60	.23- .23- .23
1867 Mass	190	37 M.	66-66-66	.45- .67- .51
1868 Mass	190	35 M.	66-66-66	.45- .63- .50
1868 France	33	(a) M.	(a)	.19- .33- —
1869 Mass	190	35 M.	66-66-66	.45- .63- .50
1870 Mass	190	27 M.	66-66-66	.50- .58- .52
1871 Mass	190	30 M.	66-66-66	.50- .67- .58
1871 England	629	(a) M.	60-60-60	.22- .22- .22
1871 England	629	(a) F.	60-60-60	.28- .39- —
1871 Scotland	185	(a) M.	60-60-60	.24- .49- —
1871 Scotland	629	(a) F.	60-60-60	.22- .26- —
1872 Mass	190	30 M.	66-66-66	.55- .67- .60
1873 Mass	190	29 M.	66-66-66	.55- .67- .60
1874 Mass	190	30 M.	66-66-66	.54- .58- .56
1875 Mass	190	34 M.	60-60-60	.38- .60- .53
1876 Mass	190	32 M.	60-60-60	.35- .60- 51
1877 Me	7	12 M.	66-66-66	.33- .88- .42
1877 Me	7	1 F.	66-66-66	.50- .50- .50
1877 Mass	190	35 M.	60-60-60	.35- .60- .50
1877 England	25	(a) M.	53-53-53	.36- .36- .36
1877 Ireland	570	(a) F.	56-56-56	.25- .25- .25
1878 Mass	190	35 M.	60-60-60	.36- .56- .49
1878 N. H	7	6 M.	60-60-60	.67- .83- .69
1878 England	25	(a) M.	(a)	.35- .35- .35
1878 France	33	(a) M.	(a)	.24- .33- —
1879 Mass	190	45 M.	60-60-60	.36- .56- .43
1880 Ga	7	2 M.	69-69-69	.75- .75- .75
1880 Mass	190	43 M.	60-60-60	0.35-0.56-0.47
1880 Pa	7	6 M.	60-60-60	.21- .22- .21
1881 Mass	190	43 M.	60-60-60	.30- .56- .44
1881 N. H	7	70 M.	65-65-65	.40-1.25- .61
1882 Mass	190	44 M.	60-60-60	.35- .60- .49
1882 N. H	7	44 M.	66-66-66	.45- .85- .56
1882 S. C	7	6 M.	69-69-69	.30- .30- .30
1882 S. C	7	6 F.	69-69-69	.30- .30- .30
1882 France	33	(a) M.	72-72-72	.48- .48- .48
1882 Italy	33	(a) M.	66-66-66	.14- .17- —
1882 Netherl'ds	33	(a) M.	63-63-63	.23- .23- .23
1882 Russia	33	(a) M.	83-83-83	.17- .19- —
1883 Mass	190	43 M.	60-60-60	.35- .58- .45
1883 Mass	190	1 F.	60-60-60	.40- .40- .40
1883 Mass	273	186 M.	(a)	.35-1.00- .55
1883 Mass	273	18 F.	(a)	.78-1.00- .83
1883 N. J	322	1 M.	60-60-60	.50- .50- .50
1884 Ga	7	2 M.	70-70-70	.75- .75- .75
1884 Mass	190	40 M.	60-60-60	.38- .55- .44
1884 Mass	190	5 F.	60-60-60	.40- .40- .40
1884 Italy	178	(a) M.	66-66-66	.14- .14- .14
1885 Conn	1	12 M.	66-66-66	.35- .35- .35
1885 Ga	1	9 M.	69-69-69	.32- .32- .32
1885 Me	1	79 M.	66-66-66	.35- .40- .38
1885 Me	7	18 M.	66-66-66	.35- .60- .38
1885 Mass	1	150 M.	60-60-60	.35- .73- .44
1885 Mass	190	33 M.	60-60-60	.40- .62- .50
1885 Mass	190	5 F.	60-60-60	.40- .40- .40
1885 N. H	1	29 M.	65-65-65	.39- .39- .39
1885 N. Y	1	193 M.	66-69-68	.31- .44- .36
1885 N. Y	1	49 F.	69-69-69	.42- .42- .42
1885 Va	1	2 M.	60-60-60	.50- .50- .50
1885 Germany	1	(a) M.	72-72-72	.46- .46- .46
1886 Conn	201	2 M.	(a)	.65- .65- .65
1886 Mass	2	122 M.	60-60-60	.45- .50- .48
1886 Mass	190	40 M.	60-60-60	.35- .67- .52
1886 Mass	190	2 F.	60-60-60	.35- .40- .38
1886 N. J	325	23 M.	60-60-60	.42- .46- .44
1886 N. J	325	37 F.	60-60-60	.33- .38- .36
1886 N. Y	3	2 F.	59-60-60	.42- .51- .47
1886 England	600	(a) F.	57-57-57	.26- .38- —
1886 Scotland	600	(a) F.	57-57-57	.24- .24- .24
1887 Conn	202	24 M.	(a)	.55- .55- .55
1887 Ga	3	1 F.	66-66-66	.65- .65- .65
1887 La	3	1 F.	60-60-60	.65- .65- .65
1887 Mass	6	16 M.	(a)	.33- .69- .54
1887 Mass	6	10 F.	(a)	.44- .66- .53
1887 Mass	190	56 M.	60-60-60	.40- .75- .54
1887 Mass	190	6 F.	60-60-60	.45- .75- .50
1888 Ga	6	4 M.	66-66-66	.50- .90- .68
1888 Ga	6	4 F.	66-66-66	.65- .65- .65
1888 Mass	6	8 M.	60-60-60	.60- .60- .60
1888 Mass	190	60 M.	60-60-60	.40- .75- .56
1888 Mass	190	6 F.	60-60-60	.45- .75- .51
1888 N. Y	6	117 M.	b 60-60-60	.35- .50- .46
1888 N. Y	6	2 F.	60-60-60	.63- .63- .63
1888 N. Y	331	4 M.	(a)	.42- .42- .42
1888 R. I	6	19 M.	(a)	.35- .44- .40
1888 S. C	6	8 M.	66-66-66	.25- .44- .34
1888 S. C	6	17 F.	66-66-66	.35- .50- .41
1888 S. C	6	17 (a)	66-66-66	.35- .50. .36
1888 Canada	470	(a) M.	56-56-56	.37- .37- .37
1888 England	6	(a) M.	57-57-57	.41- .41- .41
1888 Germany	6	(a) M.	(a)	.27- .43- —
1888 Germany	6	(a) F.	(a)	.26- .50- —
1888 Italy	6	(a) M.	(a)	.14- .20- —
1888 Switzerl'd.	6	(a) (a)	(a)	.23- .27- —
1889 Conn	6	20 M.	c 60-60-60	.40- .56- .46
1889 Me	6	134 M.	d 60-60-60	.17- .51- .36

a Not reported.
b Not including hours of 31 persons not reported.
c Not including hours of 14 persons not reported.
d Not including hours of 65 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BACK TENDERS, COTTON GOODS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Mass	6	520	M.	a60-60-60	0.25-1.00-0.63	1891 N. Y	333	64	M.	(c)	0.42-0.45-0.44
1889 Mass	6	4	F.	60-60-60	1.00-1.00-1.00	1892 Me	258	92	M.	60-60-60	.42- .53- .46
1889 Mass	190	52	M.	60-60-60	.45- .66- .57	1892 Mass	20	33	M.	58-60-59	.49- .60- .54
1889 Mass	190	4	F.	60-60-60	.45- .60- 51	1892 Mass	190	34	M.	58-58-58	.42- .92- .59
1889 N. H	6	145	M.	b60-60-60	.29- .59- .47	1893 Mass	20	27	M.	58-58-58	.45- .64- .57
1889 N. Y	6	10	M.	60-60-60	33- .33- .33	1894 Mass	11	1	M.	(c)	.96- .96- .96
1889 R. I	6	56	M.	(c)	.34- .64- .48	1894 Mass	20	19	M.	58-58-58	.38- .58- .51
1889 R. I	6	4	F.	(c)	.67- .79- .73	1894 R. I	401	1	(c)	(c)	.40- .40- .40
1889 S. C	6	4	M.	69-69-69	.30- .45- .36	1895 Me	7	25	M.	60-60-60	.35- .67- .46
1889 England	6	(c)	M.	d56-57 —	.21- .39- —	1895 Mass	20	19	M.	58-58-58	.38- .58- .51
1889 England	6	(c)	F.	57-57-57	.36- .36- .36	1895 N. H	7	91	M.	60-60-60	.43- .88- .53
1889 England	6	(c)	(c)	(c)	.20- .42- —	1895 N. H	7	14	F.	60-60-60	.70- .75- .72
1889 Germany	6	(c)	M.	e72-72-72	.14- .43- —	1895 Aust-Hun.	435	(c)	(c)	66-66-66	.32- .42- —
1890 Conn	6	46	M.	(c)	.42- .42- .42	1896 Ga	7	10	M.	63-66-65	.38- .80- .61
1890 Ky	6	7	M.	66-66-66	.30- .30- .30	1896 N. H	7	56	M.	60-60-60	.40- .67- .47
1890 Mass	190	46	M.	60-60-60	.45- .65- .56	1896 N. C	7	2	M.	69-69-69	.35- .50- .43
1890 Mass	190	4	F.	60-60-60	.50- .60- .53	1896 Pa	7	1	M.	60-60-60	.50- .50- .50
1890 N. Y	333	32	M.	(c)	.42- .45- .44	1896 R. I	7	3	F.	60-60-60	.83- .83- .83
1890 Pa	6	4	M.	(c)	.38- .38- .38	1896 S. C	7	4	M.	66-66-66	.30- .30- .30
1890 England	6	(c)	M.	57-57-57	.24- .24- .24	1896 S. C	7	5	F.	66-66-66	.30- .30- .30
1890 England	6	(c)	F.	57-57-57	.31- .31- .31	1896 Aust-Hun.	436	(c)	(c)	66-66-66	.19- .29- —
1891 Mass	190	47	M.	60-60-60	.45- .60- .57	1897 Aust-Hun.	437	(c)	(c)	66-66-66	.27- .37- —
1891 Mass	190	2	F.	60-60-60	.50- .60- .55						

BACK TENDERS, PAPER MILL.

1878 Conn	7	10	M.	72-72-72	1.50-1.50-1.50	1893 England	583	(c)	M.	(c)	1.62-1.62-1.62
1882 Ohio	364	4	M.	(c)	1.00-1.16-1.08	1894 Ohio	375	35	M.	60-72-68	1.10-1.50-1.25
1887 Conn	202	4	M.	(c)	1.30-1.30-1.30	1895 Conn	7	7	M.	72-72-72	1.38-1.63-1.50
1888 N. Y	331	6	M.	60-72-66	1.50-1.75-1.58	1895 Mass	7	2	M.	60-60-60	1.75-2.25-2.00
1890 N. Y	333	65	M.	(c)	1.00-2.25-1.47	1895 Ohio	376	14	M.	g60-72-66	1.00-1.50-1.25
1891 N. Y	333	68	M.	(c)	1.00-2.25-1.49	1896 Ohio	377	8	M.	67-72-69	1.25-1.35-1.31
1893 Ohio	374	12	M.	f72-72-72	1.00-1.10-1.07						

BACK TENDERS, WALL PAPER.

1885 N. J	7	10	M.	60-60-60	.58- .67- .63	1891 N. Y	333	1	M.	(c)	.75- .75- .75
1890 N. Y	333	1	M.	(c)	.75- .75- .75	1895 N. J	7	19	M.	60-60-60	.58-1.00- .71

BACK WASHERS, TEXTILES.

1871 England	629	(c)	(c)	60-60-60	.53- .53- .53	1886 Pa	7	2	M.	60-60-60	.67- .75- .71
1883 England	43	(c)	(c)	57-57-57	.41- .51- —	1886 Pa	7	4	F.	60-60-60	.67-1.00- .92
1883 Gr't Brit	273	(c)	M.	(c)	.57- .81- —	1896 Pa	7	1	M.	60-60-60	1.17-1.17-1.17
1884 England	178	(c)	M.	57-57-57	.45- .77- —	1896 Pa	7	3	F.	60-60-60	.90- .90- .90

BADGE MAKERS, BADGES AND ROSETTES.

1883 Pa	7	2	F.	(c)	.83- .83- .83	1887 Ohio	3	1	F.	60-60-60	.67- .67- .67
1885 N. Y	330	2	F.	(c)	1.00-1.00-1.00	1896 Pa	7	3	F.	48-48-48	.83-1.33-1.06
1887 Ill	3	2	F.	59-59-59	1.00-1.08-1.04						

a Not including hours of 81 persons not reported.
b Not including hours of 28 persons not reported.
c Not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 8 of the 10 wage quotations.
f Not including hours of 8 persons not reported.
g Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAGGAGEMASTERS, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Germany	76	(a) M.	(a)	b0.35-0.49- —
1860 Germany	76	(a) M.	(a)	b .39- .59- —
1872 Germany	76	(a) M.	(a)	.65- .86- —
1875 Pa	380	312 M.	(a)	1.12-2.31-1.66
1876 Pa	381	134 M.	c56-84-67	1.32-2.00-1.67
1877 N. J	317	22 M.	d70-70-70	1.15-2.10-1.88
1877 Pa	382	137 M.	e56-84-72	.49-2.11-1.66
1878 Pa	383	82 M.	f56-84-70	.49-1.85-1.58
1878 France	177	(a) M.	(a)	.66-1.32- —
1878 Germany	177	(a) M.	(a)	.88-1.30- —
1879 Pa	384	155 M.	(a)	.49-1.97-1.63
1881 N. J	320	1 M.	(a)	.99- .99- .99
1884 N. J	323	13 M.	g84-84-84	1.78-1.78-1.78
1884 Pa	388	520 M.	(a)	1.46-1.46-1.46
1884 Canada	178	(a) (a)	(a)	1.35-1.48- —
1884 France	178	(a) M.	(a)	.53-1.27- —
1884 Germany	178	(a) M.	h84-84-84	.60- .78- —
1884 Germany	178	(a) M.	(a)	b .67- .72- —
1884 Italy	178	(a) M.	(a)	.51- .63- —
1884 Mexico	178	(a) (a)	(a)	2.14-3.00- —
1884 Netherl'ds	178	(a) M.	(a)	.83-1.11- —
1884 Peru	178	(a) M.	(a)	1.35-1.35-1.35
1885 N. J	324	13 M.	(a)	1.32-1.78-1.74
1885 Pa	389	734 M.	(a)	1.58-1.58-1.58
1886 Iowa	232	1 M.	98-98-98	1.50-1.50-1.50
1886 Kans	240	2 M.	42-70-56	2.25-2.30-2.28
1886 N. J	325	30 M.	(a)	1.78-1.97-1.84
1886 Ohio	368	1 M.	(a)	1.73-1.73-1.73
1886 Germany	76	(a) M.	(a)	.68- .88- —
1887 Conn	4	146 M.	(a)	.74-2.96-1.53
1887 Fla	4	37 M.	(a)	.74-2.47-1.25
1887 Md	4	245 M.	(a)	.33-2.47-1.55
1887 Mass	4	249 M.	(a)	.75-2.74-1.79
1887 Mich	4	2 M.	70-70-70	1.25-1.35-1.30
1887 Mo	4	17 M.	(a)	.82-1.64-1.10
1887 N. J	4	88 M.	(a)	.33-2.47-1.87
1887 N. Y	4	107 M.	(a)	.33-2.47-1.27
1887 Oregon	4	8 M.	(a)	1.97-2.14-2.01
1887 Pa	4	268 M.	(a)	.16-3.29-1.52
1887 R. I	4	32 M.	(a)	.16-1.97-1.50
1887 Va	4	8 M.	(a)	2.30-2.40-2.34
1887 W. Va	4	3 M.	(a)	.99-1.75-1.41
1887 Wis	4	12 M.	(a)	1.48-1.97-1.60
1888 Nebr	312	22 (a)	63-84-71	1.48-2.63-1.83
1889 Kans	243	138 M.	i70-84-75	1.00-2.88-1.41
1893 Md	10	1 M.	72-72-72	1.97-1.97-1.97
1893 Mont	307	5 M.	j63-63-63	1.64-2.63-2.20
1894 Iowa	236	1 M.	77-77-77	1.43-1.43-1.43
1896 Canada	184	(a) M.	(a)	1.50-1.50-1.50
1897 Kans	251	1 (a)	84-84-84	1.15-1.15-1.15

BAGGAGEMEN, RAILROAD.

1840	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1870	England	177	(a)	M.	(a)	.62- .72- —
1841	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1871	Mass	190	10	M.	70-70-70	1.81-1.81-1.81
1842	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1872	Mass	190	10	M.	70-70-70	1.81-1.81-1.81
1843	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1872	Germany	76	(a)	M.	(a)	.65-1.08- —
1844	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1873	Mass	190	10	M.	70-70-70	1.81-1.81-1.81
1845	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1874	Mass	190	12	M.	70-70-70	1.81-1.81-1.81
1846	Mass	190	1	M.	70-70-70	1.32-1.32-1.32	1875	Mass	190	12	M.	70-70-70	1.81-1.81-1.81
1847	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1876	Mass	190	8	M.	70-70-70	1.81-1.81-1.81
1848	Mass	190	2	M.	70-70-70	1.32-1.32-1.32	1877	Mass	190	16	M.	70-70-70	1.81-1.81-1.81
1849	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1878	Mass	190	22	M.	70-70-70	1.81-1.81-1.81
1850	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1878	England	177	(a)	M.	(a)	.86- .94- —
1850	Germany	76	(a)	M.	(a)	b .35- .78- —	1878	France	177	(a)	M.	(a)	.63- .85- —
1851	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1879	Mass	190	10	M.	70-70-70	1.81-1.81-1.81
1852	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1879	Canada	177	(a)	M.	(a)	1.15-1.15-1.15
1853	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1880	Ill	205	96	M.	(a)	1.09-2.06-1.64
1854	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1880	Mass	190	4	M.	70-70-70	1.81-1.81-1.81
1855	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1881	Mass	190	11	M.	70-70-70	1.81-1.81-1.81
1856	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1882	Ill	206	209	M.	(a)	1.32-1.97-1.44
1857	Mass	190	4	M.	70-70-70	1.32-1.32-1.32	1882	Mass	190	16	M.	70-70-70	1.81-1.81-1.81
1858	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1883	Mass	190	16	M.	70-70-70	1.81-1.81-1.81
1859	Mass	190	6	M.	70-70-70	1.32-1.32-1.32	1883	Mich	277	22	M.	(a)	1.32-1.81-1.59
1860	Mass	190	6	M.	70-70-70	1.64-1.64-1.64	1884	Mass	190	22	M.	70-70-70	1.81-1.81-1.81
1860	Germany	76	(a)	M.	(a)	.59- .78- —	1884	Mich	278	4	M.	(a)	1.32-1.81-1.60
1860	Germany	76	(a)	M.	(a)	b .35- .59- —	1884	Wis	407	92	M.	(a)	1.19-1.60-1.37
1861	Mass	190	6	M.	70-70-70	1.64-1.64-1.64	1884	Brazil	178	(a)	M.	(a)	.74- .92- —
1862	Mass	190	10	M.	70-70-70	1.64-1.64-1.64	1884	Canada	178	(a)	M.	(a)	.85-1.90- —
1863	Mass	190	10	M.	70-70-70	1.64-1.64-1.64	1884	Canada	466	(a)	M.	61-62 —	1.18-1.64- —
1864	Mass	190	10	M.	70-70-70	1.64-1.64-1.64	1884	France	178	(a)	M.	(a)	.64-1.27- —
1865	Mass	190	10	M.	70-70-70	1.81-1.81-1.81	1884	Germany	178	(a)	M.	(a)	.85-1.24- —
1866	Mass	190	3	M.	70-70-70	1.81-1.81-1.81	1884	Germany	178	(a)	M.	(a)	b .67-1.11- —
1867	Mass	190	6	M.	70-70-70	1.81-1.81-1.81	1884	Peru	178	(a)	M.	(a)	.82-1.31- —
1868	Mass	190	10	M.	70-70-70	1.81-1.81-1.81	1884	Russia	178	(a)	M.	(a)	k .32- .47- —
1869	Mass	190	8	M.	70-70-70	1.81-1.81-1.81	1884	Switzerl'd	178	(a)	M.	65-65-65	.71- .71- .71
1870	Mass	190	10	M.	70-70-70	1.81-1.81-1.81	1885	Iowa	231	7	M.	77-77-77	1.70-1.70-1.70

a Not reported.
b And uniform.
c Not including hours of 93 persons not reported.
d Not including hours of 21 persons not reported.
e Not including hours of 91 persons not reported.
f Not including hours of 46 persons not reported.
g Not including hours of 12 persons not reported.
h Applies to but 3 of the 12 wage quotations.
i Not including hours of 11 persons not reported.
j Not including hours of 2 persons not reported.
k And lodging and uniform.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAGGAGEMEN, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Mass	190	26 M.	70-70-70	1.81-1.81-1.81
1885 Mich	279	304 M.	(a)	.62-2.96-1.50
1885 Mo	296	10 M.	(a)	1.64-1.64-1.64
1885 Canada	467	(a) M.	72-72-72	1.26-1.26-1.26
1886 Ill	208	1 M.	70-70-70	1.50-1.50-1.50
1886 Iowa	232	22 M.	b70-70-70	1.50-1.83-1.80
1886 Mass	190	12 M.	70-70-70	2.00-2.00-2.00
1886 Germany	76	(a) M.	(a)	.65- .78- —
1887 Conn	4	30 M.	(a)	1.00-2.07-1.38
1887 Fla	4	25 M.	(a)	.75-1.50-1.32
1887 Ill	298	62 (a)	(a)	1.17-1.17-1.17
1887 Kans	241	5 M.	(a)	2.69-2.69-2.69
1887 Md	4	10 M.	(a)	1.00-2.63-1.94
1887 Mass	4	7 M.	(a)	1.54-2.20-1.74
1887 Mass	190	22 M.	70-70-70	2.00-2.00-2.00
1887 Mich	4	95 M.	(a)	.33-2.47-1.59
1887 Mo	4	160 M.	(a)	.16-2.30-1.42
1887 Mo	298	113 (a)	(a)	1.51-1.77-1.57
1887 N. J	4	28 M.	(a)	.99-1.32-1.21
1887 N. Y	4	433 M.	(a)	.49-2.14-1.45
1887 Oregon	4	27 M.	(a)	.66-2.14-1.93
1887 Pa	4	114 M.	(a)	.49-1.64-1.45
1887 Wis	4	75 M.	(a)	.66-1.81-1.50
1888 Colo	198	28 M.	(a)	1.32-2.79-2.40
1888 Ind	225	486 M.	(a)	.99-2.20-1.72
1888 Mass	190	22 M.	70-70-70	2.00-2.00-2.00
1888 Mo	298	139 (a)	(a)	.99-2.00-1.60
1889 Ind	226	534 M.	(a)	1.00-2.25-1.73
1889 Mass	190	26 M.	70-70-70	2.00-2.11-2.03
1889 Canada	471	(a) M.	60-60-60	1.30-1.51- —
1890 Ind	226	612 M.	(a)	1.25-2.67-1.80
1890 Mass	190	32 M.	70-70-70	2.00-2.11-2.02
1891 Ind	227	744 M.	(a)	1.00-2.50-1.79
1891 Mass	190	32 M.	70-70-70	2.00-2.11-2.02
1892 Ind	227	1339 M.	(a)	1.00-2.65-1.95
1892 Md	263	86 M.	c63-70-66	1.25-2.15-1.91
1892 Mass	190	32 M.	70-70-70	2.00-2.11-2.02
1892 France	505	(a) M.	70-84 —	.68-1.30- —
1892 France	505	(a) M.	70-70-70	d .63- .92- —
1892 France	505	(a) M.	77-77-77	e .82-1.16- —
1892 France	505	(a) M.	70-70-70	f .63-1.21- —
1893 Ill	10	3 M.	60-63-61	1.29-1.61-1.49
1893 Ind	228	1105 M.	(a)	1.00-3.34-1.99
1893 Mich	285	174 M.	g42-112-78	.33-3.95-1.61
1893 Mont	307	1 M.	77-77-77	2.30-2.30-2.30
1894 Ind	228	635 M.	(a)	1.46-3.34-1.94
1894 Iowa	236	1 M.	42-42-42	2.25-2.25-2.25
1894 Mont	308	3 M.	(a)	1.72-1.72-1.72
1894 N. H	316	2 M.	58-72-65	1.43-1.57-1.50
1895 Ind	229	631 M.	(a)	.71-3.00-1.89
1895 Mich	287	2 M.	(a)	1.50-1.50-1.50
1895 Mont	309	2 M.	(a)	1.97-1.97-1.97
1896 Ind	229	732 M.	(a)	.82-3.00-1.92
1896 Mont	310	5 M.	(a)	1.97-1.99-1.99
1896 Canada	482	(a) (a)	(a)	1.64-2.47- —
1897 Md	265	86 (a)	h70-70-70	1.00-2.15-1.88
1897 Mich	289	16 (a)	60-98-82	.82-1.89-1.51
1897 Mont	311	4 (a)	(a)	1.97-2.01-1.99
1898 Ind	230	591 (a)	i49-84-67	.83-3.35-1.91
1898 Mo	306	1120 (a)	56-70-70	1.16-2.41-1.51
1898 Nebr	314	33 (a)	63-84-71	.75-5.00-1.91
1898 N. J	329	45 M.	(a)	1.30-2.16-1.59
1899 Mass	18	48 M.	(a)	2.00-2.11-2.05
1899 Pa	18	157 M.	(a)	1.80-2.40-2.20
1900 Mass	18	49 M.	(a)	2.00-2.11-2.04
1900 Pa	18	160 M.	(a)	1.80-2-40-2.20

BAGGERS, FUR AND FUR GOODS.

1885	N. J	7	4	F.	59-59-59	.83-1.17- .92	1891	N. Y	333	1	M.	(a)	.58- .58- .58
1890	N. Y	333	1	M.	(a)	.58- .58- .58	1895	N. J	7	5	F.	59-59-59	.83-1.33-1.00

BAG MAKERS' HELPERS, LEATHER.

1888	N. Y	331	25	M.	j53-59-57	.67-1.00- .91	1898	Australia	429	(a)	(a)	(a)	.65-1.22- —
1897	Australia	428	(a)	(a)	(a)	.65-1.22- —							

BAG MAKERS, LEATHER.

1880	N. J	319	1	(a)	59-59-59	2.00-2.00-2.00	1891	N. Y	333	18	M.	(a)	1.76-2.17-1.94
1883	N. J	2	44	M.	59-59-59	1.34-1.47-1.41	1894	Australia	425	(a)	(a)	(a)	1.95-2.19- —
1884	N. Y	7	6	M.	59-59-59	2.50-2.71-2.62	1895	N. Y	7	12	M.	59-59-59	2.13-2.88-2.63
1885	N. J	324	2	M.	60-60-60	1.83-2.50-2.17	1895	Australia	426	(a)	(a)	(a)	1.95-2.19- —
1886	N. J	2	55	M.	59-59-59	1.63-1.83-1.71	1895	England	591	(a)	M.	(a)	.73-1.38- —
1886	N. Y	2	363	M.	59-59-59	1.52-2.20-2.09	1896	Ohio	377	28	M.	60-60-60	1.75-1.75-1.75
1887	N. Y	3	2	F.	54-59-56	1.00-1.47-1.24	1896	Ohio	377	6	F.	54-54-54	1.00-1.00-1.00
1887	Wis	409	65	M.	(a)	1.58-1.58-1.58	1896	Australia	427	(a)	(a)	(a)	1.95-2.19- —
1888	N. Y	331	24	M.	k53-59-55	2.00-2.50-2.28	1897	Va	404	90	M.	60-60-60	1.25-1.25-1.25
1888	Canada	470	(a)	M.	54-54-54	1.57-1.57-1.57	1897	Australia	428	(a)	(a)	(a)	1.22-2.43- —
1888	Canada	470	(a)	F.	53-53-53	.88- .88- .88	1898	Australia	429	(a)	(a)	(a)	1.22-2.43- —
1890	N. Y	333	18	M.	(a)	1.25-2.17-1.66							

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 81 persons not reported.
d And lodging.
e And *gratifications*.
f And premiums.
g Not including hours of 5 persons not reported.
h Not including hours of 79 persons not reported.
i Not including hours of 340 persons not reported.
j Not including hours of 15 persons not reported.
k Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAG MAKERS, PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 Ireland	565	(a) (a)	54-54-54	0.24-0.24-0.24
1878 Ga	3	1 F.	(a)	.50- .50- .50
1880 N. Y	7	5 F.	(a)	1.25-2.00-1.48
1884 Canada	466	(a) M.	58-58-58	1.00-1.00-1.00
1884 Canada	466	(a) F.	57-57-57	.60- .60- .60
1885 Conn	7	12 F.	59-59-59	.33- .64- .45
1885 Ga	7	8 M.	59-59-59	1.17-1.17-1.17
1885 Ga	7	8 F.	59-59-59	.60- .60- .60
1885 N. Y	330	57 F.	(a)	1.17-1.17-1.17
1885 Ohio	7	8 F.	59-59-59	.80-1.12- .94
1886 Mo	3	1 F.	60-60-60	.83- .83- .83
1886 N. Y	3	1 F.	54-54-54	.67- .67- .67
1886 Pa	3	10 F.	50-61-58	.38-1.17- .71
1886 Canada	468	(a) F.	58-58-58	.66- .66- .66
1887 Ill	3	2 F.	60-60-60	.75-1.25-1.00
1887 N. Y	3	10 F.	b51-61-55	.50- .88- .73
1887 Ohio	3	4 F.	43-59-50	.75-1.25-1.00
1887 Ohio	369	13 M.	60-60-60	1.00-1.00-1.00
1887 Ohio	369	8 F.	60-60-60	.75- .75- .75
1887 Pa	3	6 F.	55-60-57	.50-1.00- .79
1888 Ga	3	3 F.	59-59-59	.60- .63- .61
1888 Ind	3	2 F.	59-59-59	.50- .50- .50
1888 N. Y	331	3 M.	53-53-53	.75- .75- .75
1888 Canada	470	(a) M.	57-57-57	1.21-1.21-1.21
1888 Canada	470	(a) F.	52-59 —	.40- .63- —
1889 Canada	471	(a) M.	57-58 —	1.50-1.58- —
1889 Canada	471	(a) F.	49-60 —	0.44-0.85- —
1890 N. Y	333	42 M.	(a)	.75-2.50-1.23
1890 N. Y	333	50 F.	(a)	.75- .75- .75
1891 Mich	283	18 F.	(a)	.86- .86- .86
1891 N. Y	333	44 M.	(a)	.75-2.50-1.24
1891 N. Y	333	52 F.	(a)	.75- .75- .75
1891 China	105	(a) (a)	(a)	.17- .17- .17
1893 Ohio	374	15 M.	54-60-60	1.07-1.75-1.70
1893 Ohio	374	15 F.	60-60-60	.50-1.00- .73
1893 Wales	632	(a) F.	51-51-51	.41- .41- .41
1894 Ohio	375	77 M.	c60-60-60	1.10-1.85-1.71
1894 Ohio	375	17 F.	60-60-60	1.00-1.10-1.07
1894 France	508	(a) F.	72-72-72	.48- .48- .48
1895 Conn	7	2 F.	59-59-59	.83- .83- .83
1895 Ga	7	12 M.	59-59-59	.50-1.17- .94
1895 Ga	7	18 F.	59-59-59	.50- .60- .57
1895 N. Y	7	6 F.	51-51-51	1.00-1.67-1.35
1895 N. Y	8	6 F.	54-60-57	.75-1.20-1.06
1895 Ohio	376	1 M.	54-54-54	1.20-1.20-1.20
1895 Ohio	376	24 F.	54-60-56	1.00-1.20-1.08
1896 Ohio	7	9 F.	59-59-59	.91-1.17-1.02
1896 Ohio	377	1 M.	60-60-60	1.25-1.25-1.25
1896 Pa	8	3 M.	60-60-60	.67- .83- .78
1896 Pa	8	9 F.	60-60-60	1.00-1.00-1.00
1897 Australia	428	(a) F.	(a)	.41- .65- —
1898 Australia	429	(a) F.	(a)	.41- .65- —

BAG MAKERS, TEXTILES.

1878 Ga	7	10 F.	66-66-66	.33- .33- .33
1879 N. J	318	5 (a)	59-60-59	1.00-1.60-1.12
1880 N. J	319	5 (a)	59-60-59	1.50-2.00-1.75
1880 England	571	(a) F.	54-57 —	.41- .49- —
1883 N. J	322	1 (a)	60-60-60	2.00-2.00-2.00
1883 Gr't Brit	273	(a) F.	(a)	.39- .61- —
1883 Gr't Brit	273	(a) (a)	(a)	.20- .28- —
1883 Ireland	630	(a) F.	(a)	.14- .14- .14
1884 N. J	323	1 M.	60-60-60	2.00-2.00-2.00
1884 Aust-Hun	178	(a) (a)	69-69-69	.08- .37- —
1886 Md	3	2 F.	48-59-54	.50- .83- .67
1886 Mo	3	6 F.	48-60-50	.33-1.42- .69
1886 N. Y	3	2 F.	60-60-60	.50- .83- .67
1886 Pa	3	2 F.	60-60-60	.83-1.08- .96
1887 Ill	3	5 F.	48-59-57	.83-1.08- .92
1887 La	3	8 F.	54-60-59	.58-1.17- .86
1887 Mass	3	2 F.	52-52-52	.50- .58- .54
1887 N. Y	3	1 F.	57-57-57	1.00-1.00-1.00
1887 Ohio	3	2 F.	54-58-56	.83-1.02- .93
1887 Ohio	369	10 M.	60-60-60	1.00-1.50-1.05
1887 Ohio	369	6 F.	60-60-60	.67-1.00- .78
1888 Va	3	4 F.	b55-55-55	.54-1.08- .74
1890 N. Y	333	15 M.	(a)	.67- .67- .67
1891 N. Y	333	15 M.	(a)	.67- .67- .67
1892 Cal	196	6 M.	63-63-63	.83-2.83-2.24
1892 Cal	196	41 F.	63-63-63	.60-1.50-1.05
1893 Md	10	2 F.	60-60-60	.83-1.50-1.17
1893 N. J	327	6 F.	55-55-55	.67-1.33- .97
1893 N. Y	10	4 M.	60-60-60	.33-1.67- .88
1893 N. Y	10	4 F.	60-60-60	.33-1.00- .75
1893 Ohio	374	20 F.	48-48-48	.75- .75- .75
1893 Pa	10	2 F.	52-60-56	.58- .58- .58
1893 Scotland	632	(a) F.	(a)	.61- .61- .61
1895 Ohio	376	33 F.	54-60-59	.69-1.00- .77
1896 Ga	7	14 F.	66-66-66	.33- .33- .33
1896 Nebr	314	12 F.	60-60-60	.75-1.25-1.00

BAG MENDERS.

1888 N. Y	331	6 F.	58-58-58	1.00-1.00-1.00
1891 France	505	(a) F.	d60-60-60	.29- .68- —
1892 France	505	(a) F.	70-81 —	.03- .77- —
1892 France	505	505 (a) F.	77-77-77	e .22- .22- .22
1895 Ohio	376	1 F.	60-60-60	1.00-1.00-1.00
1896 Ohio	377	1 F.	60-60-60	.85- .85- .85

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 8 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e And lodging and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAG SEWERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870 Pa	8	1 F.	60-60-60	1.50-1.50-1.50
1872 Pa	8	2 F.	60-60-60	1.50-1.67-1.59
1878 Pa	8	1 F.	60-60-60	1.67-1.67-1.67
1880 Pa	8	4 F.	60-60-60	1.33-1.67-1.54
1882 Pa	7	11 F.	59-59-59	.67- .67- .67
1883 Mass	273	4 M.	(a)	.80- .80- .80
1884 Va	7	4 M.	(a)	1.00-1.00-1.00
1885 N. Y	1	1 M.	60-60-60	.67- .67- .67
1885 N. Y	330	404 F.	b 48-60-57	.42-1.33-1.16
1886 Cal	3	1 F.	(a)	.50- .50- .50
1886 Ill	7	17 F.	60-60-60	.75-1.21- .95
1886 Pa	8	1 F.	60-60-60	1.67-1.67-1.67
1886 England	601	(a) F.	c 56-56-56	.22- .45- —
1886 Scotland	601	(a) F.	56-56-56	.29- .41- —
1887 Cal	3	1 F.	63-63-63	.65- .65- .65
1887 Ill	3	1 F.	59-59-59	.67- .67- .67
1888 Cal	194	1 F.	63-63-63	.65- .65- .65
1890 N. Y	333	41 M.	(a)	.67-1.17- .97
1890 N. Y	333	17 F.	(a)	1.00-1.50-1.29
1891 N. Y	333	23 M.	(a)	0.67-1.08-0.91
1891 N. Y	333	19 F.	(a)	1.00-1.50-1.32
1892 France	505	(a) M.	66-66-66	.39- .43- —
1892 France	505	(a) F.	60-60-60	.41- .41- .41
1893 N. Y	10	1 M.	60-60-60	1.42-1.42-1.42
1893 N. Y	10	3 F.	60-60-60	.50- .67- .56
1893 Ohio	374	1 F.	60-60-60	.60- .60- .60
1894 Australia	425	(a) (a)	(a)	1.22-1.42- —
1895 Ga	7	29 F.	66-66-66	.58- .75- .68
1895 Va	7	5 M.	48-48-48	1.00-1.00-1.00
1895 Australia	426	(a) (a)	(a)	1.22-1.42- —
1896 Ill	7	20 F.	54-54-54	.71-1.17- .94
1896 Nebr	314	8 F.	60-60-60	.75-1.25-1.00
1896 Pa	7	40 F.	59-59-59	.58- .67- .62
1896 Australia	427	(a) (a)	60-60-60	1.22-1.42- —
1897 Australia	428	(a) M.	(a)	.41- .77- —
1898 Iowa	18	8 (a)	(a)	1.50-1.60-1.55
1898 Australia	429	(a) M.	(a)	.41- .77- —

BAG TURNERS.

1882 Mo	7	17 F.	59-59-59	.66-1.13- .90
1882 N. C	7	1 M.	72-72-72	.58- .58- .58
1886 Ga	3	1 F.	(a)	.30- .30- .30
1886 Md	3	2 F.	60-60-60	.58- .67- .63
1886 Mo	3	1 F.	60-60-60	1.00-1.00-1.00
1886 Pa	3	3 F.	60-60-60	.67- .67- .67
1887 Ill	3	6 F.	56-60-58	.50- .60- .56
1887 La	3	6 F.	54-60-58	.50- .50- .50
1887 N. Y	3	1 F.	60-60-60	.50- .50- .50
1887 Ohio	3	2 F.	58-59-58	.50-1.08- .79
1888 Ga	3	2 F.	55-55-55	.85-1.00- .93
1890 N. Y	333	21 M.	(a)	.67- .83- .71
1891 N. Y	333	21 M.	(a)	.67- .83- .75
1892 Ill	210	1 F.	60-60-60	.69- .69- .69
1892 Me	258	2 M.	60-60-60	1.40-1.40-1.40
1893 Ohio	374	12 F.	54-54-54	.60- .60- .60
1894 Ohio	375	12 F.	(a)	.60- .60- .60
1895 Ga	7	9 M.	66-66-66	.25- .33- .28
1895 Ga	7	26 F.	66-66-66	.25- .35- .31
1895 Mo	7	27 F.	59-59-59	.50-1.13- .83
1895 Ohio	376	4 F.	54-54-54	.60- .60- .60
1896 N. C	7	1 M.	68-68-68	.60- .60- .60
1897 N. Y	8	1 F.	54-54-54	.75- .75- .75

BAILERS, COAL MINING.

1876 Pa	381	2 M.	(a)	.75- .75- .75
1887 Ohio	369	4 M.	54-60-56	1.00-1.50-1.38
1889 Ill	5	16 M.	60-60-60	1.65-1.65-1.65
1889 Ill	209	22 M.	(a)	1.25-1.75-1.70
1889 Mo	299	2 M.	(a)	1.97-1.98-1.98
1889 Pa	5	3 M.	d 60-60-60	1.00-2.00-1.43
1890 Australia	423	(a) (a)	48-48-48	.85-1.95- —
1892 Australia	114	(a) M.	(a)	.73-1.83- —
1893 Mo	302	1 M.	(a)	2.00-2.00-2.00
1894 Australia	425	(a) (a)	(a)	.87-1.70- —
1895 Australia	426	(a) (a)	(a)	.87-1.70- —
1896 Australia	427	(a) (a)	(a)	1.58-1.95- —
1897 Australia	428	(a) (a)	(a)	1.58-1.83- —
1898 Australia	429	(a) (a)	(a)	1.58-1.83- —

BAKERS.

1839 England	562	(a) M.	66-66-66	.85- .85- .85	1860 Germany	185 (a) M. (a) .18- .18- .18
1840 Scotland	563	(a) (a)	90-90-90	.57- .57- .57	1860 Ireland	563 (a) (a) 72-72-72 .85-1.14- —
1849 England	562	(a) M.	66-66-66	.89- .89- .89	1860 Scotland	563 (a) (a) 60-60-60 .81- .81- .81
1850 Scotland	563	(a) (a)	90-90-90	.73- .73- .73	1861 Scotland	564 (a) (a) 69-69-69 .81- .93- —
1853 France	113	(a) M.	(a)	.37- .97- —	1864 Germany	610 (a) M. (h) i .12- .36- —
(e) England	561	(a) (a)	(a)	.73- .73- .73	1865 Germany	177 (a) M. 78-78-78 j .14- .14- .14
1857 Ireland	563	(a) (a)	72-72-72	.85-1.12- —	1865 Germany	185 (a) M. (a) .36- .36- .36
(e) Scotland	561	(a) (a)	(a)	.73- .73- .73	1866 Germany	177 (a) M. 78-78-78 j .16- .16- .16
(f) England	562	(a) M.	(a)	.73- .73- .73	1866 Germany	185 (a) M. (a) .36- .36- .36
(f) Ireland	562	(a) M.	(a)	.73- .73- .73	1867 Germany	177 (a) M. 78-78-78 j .18- .18- .18
1859 England	562	(a) M.	66-66-66	.89- .89- .89	1867 Germany	185 (a) M. (a) .42- .42- .42
1860 France	609	(a) (a)	(a)	g .97- .97- .97	1868 Belgium	610 (a) (a) 72-72-72 .48- .48- .48

a Not reported.
b Not including hours of 400 persons not reported.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 1 person not reported.
e Average for 1855–57.
f Average for 1856–58.
g And 1 loaf with wine.
h 114–114–114 hours.
i And board and lodging.
j And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 Germany	177	(a) M.	78-78-78	b0.18-0.18-0.18
1868 Germany	185	(a) M.	(a)	.48- .48- .48
1868 Germany	185	(a) M.	(a)	c.15- .15- .15
1869 Aust-Hun	609	(a) (a)	(a)	.28- .28- .28
1869 France	609	(a) (a)	(a)	d.87-1.06- —
1869 Germany	177	(a) M.	78-78-78	b.18- .18- .18
1869 Germany	609	(a) M.	(a)	.18- .55- —
1869 Greece	609	(a) (a)	(a)	.26- .26- .26
1869 Peru	609	(a) (a)	(a)	1.46-1.46-1.46
1869 Turk. in A.	609	(a) (a)	(a)	.32- .45- —
1870 Brazil	610	(a) (a)	(a)	.97-1.56- —
1870 Brazil	610	(a) (a)	(a)	c.60- .60- .60
1870 Chile	610	(a) (a)	(a)	.67- .91- —
1870 Germany	177	(a) M.	78-78-78	b .20- .20- .20
1870 Germany	610	(a) M.	72-72-72	.24- .55- —
1870 Italy	610	(a) M.	(a)	.58- .77- —
1870 Netherl'ds	610	(a) M.	(a)	.32- .32- .32
1870 Norway	610	(a) M.	(a)	.65- .87- —
1870 Persia	610	(a) M.	(a)	.08- .08- .08
1870 Russia	610	(a) M.	(a)	.59- .73- —
1870 Switzerl'd.	610	(a) M.	(a)	.21- .39- —
1870 Switzerl'd.	610	(a) M.	(a)	c.13- .26- —
1870 Turk. in A.	610	(a) M.	(a)	.14- .73- —
1871 Argentina	611	(a) M.	(a)	2.19-2.92- —
1871 Cuba	611	(a) M.	60-60-60	.97-2.43- —
1871 England	185	(a) (a)	(a)	.65- .85- —
1871 France	712	(a) M.	(a)	.45-1.27- —
1871 Germany	185	(a) M.	(a)	.30- .48- —
1871 Germany	185	(a) M.	(a)	c.22- .28- —
1871 Germany	611	(a) M.	54-54-54	.73- .85- —
1871 Italy	165	(a) (a)	(a)	.60-1.00- —
1871 Italy	610	(a) M.	(a)	c.30- .30- .30
1871 Netherl'ds	611	(a) M.	72-72-72	.57- .70- —
1871 Netherl'ds	611	(a) M.	72-72-72	c.27- .27- .27
1871 Norway	185	(a) M.	(a)	.66- .84- —
1871 Scotland	629	(a) M.	(a)	.28-1.30- —
1872 Belgium	185	(a) (a)	(a)	.55- .55- .55
1872 Germany	177	(a) M.	78-78-78	b .24- .24- .24
1872 Germany	185	(a) (a)	(a)	.72-1.44- —
1872 Netherl'ds	185	(a) M.	72-84 —	.49- .60- —
1872 Scotland	185	(a) (a)	60-60-60	1.05-1.13- —
1873 Germany	177	(a) M.	(a)	.65- .65- .65
1873 Germany	177	(a) M.	78-78-78	b .30- .30- .30
1873 Persia	184	(a) (a)	(a)	.30- .30- .30
1873 Sweden	167	(a) M.	72-72-72	b .40- .54- —
1873 Switzerl'd.	185	(a) M.	(a)	.22- .40- —
1873 Switzerl'd.	185	(a) M.	(a)	c.17- .17- .17
1874 Germany	177	(a) M.	(a)	.65- .65- .65
1874 Germany	177	(a) M.	78-78-78	b .36- .36- .36
1874 Germany	185	(a) M.	(a)	b .47-1.00- —
1874 Ireland	575	(a) M.	(a)	1.05-1.22- —
1874 Scotland	177	(a) M.	51-51-51	1.04-1.17- —
1875 France	496	(a) M.	(a)	.52-1.93- —
1875 Germany	177	(a) M.	(a)	.65- .65- .65
1875 Germany	177	(a) M.	78-78-78	b .36- .36- .36
1875 Ireland	575	(a) M.	(a)	1.05-1.22- —
1875 Norway	684	(a) (a)	(a)	.62- .88- —
1875 Norway	686	(a) (a)	(a)	.72- .72- .72
1875 Scotland	177	(a) M.	51-51-51	1.04-1.17- —
1876 Australia	171	(a) M.	(a)	b1.22-2.43- —
1876 France	497	(a) M.	(a)	.51-1.93- —
1876 Germany	177	(a) M.	(a)	.65- .65- .65
1876 Ireland	575	(a) M.	(a)	1.05-1.22- —
1876 Scotland	177	(a) M.	51-51-51	1.04-1.17- —
1877 Germany	177	(a) M.	(a)	.65- .65- .65
1877 Germany	177	(a) M.	(a)	b0.29-0.60- —
1877 Ireland	575	(a) M.	(a)	1.05-1.22- —
1877 Scotland	177	(a) M.	51-51-51	1.04-1.17- —
1878 Australia	177	(a) M.	(a)	1.62-1.70- —
1878 Belgium	177	(a) M.	(a)	.73-1.00- —
1878 Denmark	177	(a) M.	e80-80-80	.70- .71- —
1878 England	177	(a) M.	(a)	1.08-1.08-1.08
1878 France	498	(a) M.	(a)	.54-1.93- —
1878 Germany	177	(a) M.	(a)	.58- .65- —
1878 Germany	177	(a) M.	(a)	b .23- .63- —
1878 Ireland	575	(a) M.	(a)	1.05-1.22- —
1878 Italy	177	(a) M.	(a)	.65- .65- .65
1878 Scotland	177	(a) M.	f51-51-51	1.04-1.17- —
1878 Spain	177	(a) M.	g84-84-84	.80-1.00- —
1878 Switzerl'd.	177	(a) M.	(a)	.80- .80- .80
1879 France	499	(a) M.	(a)	.54-1.93- —
1879 Germany	545	(a) M.	(a)	.20- .60- —
1879 Ireland	575	(a) M.	(a)	1.05-1.22- —
1880 Ga	7	8 M.	60-66-63	1.67-2.00-1.88
1880 N. J	319	1 (b)	80-80-80	1.50-1.50-1.50
1880 Pa	7	7 M.	60-60-60	2.33-3.33-2.81
1880 France	500	(a) M.	(a)	.56-1.93- —
1880 Ireland	575	(a) M.	(a)	1.05-1.22- —
1880 Norway	685	(a) M.	(a)	.43- .80- —
1880 Norway	686	(a) M.	(a)	.61- .61- .61
1880 Sweden	21	(a) (a)	(a)	c.13- .18- —
1881 Conn	2	57 M.	72- 90-84	1.16-1.46-1.24
1881 Ill	2	34 M.	74-100-87	1.75-1.75-1.75
1881 N. J	2	430 M.	72-102-89	1.50-1.70-1.68
1881 N. Y	2	2030 M.	(h)	1.20-2.25-1.65
1881 N. Y	2	207 M.	(i)	b1.65-1.65-1.65
1881 Australia	431	(a) (a)	(a)	1.22-2.43- —
1881 France	501	(a) M.	(a)	56-1.93- —
1881 Germany	178	(a) M.	(a)	c.40- .40- .40
1881 Ireland	575	(a) M.	(a)	1.05-1.22- —
1882 Ill	2	86 M.	(j)	2.00-2.50-2.04
1882 Ill	206	3 M.	78-78-78	2.16-2.16-2.16
1882 Mo	294	10 M.	60-72-67	1.67-4.17-2.28
1882 N. J	321	29 M.	(a)	1.33-1.67-1.55
1882 N. J	321	125 M.	(a)	b1.67-1.67-1.67
1882 Ohio	364	120 (a)	60-60-60	1.68-1.68-1.68
1882 France	502	(a) M.	(a)	.57-2.25- —
1882 Germany	554	(a) (a)	72-72-72	.30- .36- —
1882 Germany	554	(a) (a)	(a)	c.20- .60- —
1882 Ireland	575	(a) M.	k84-84-84	1.05-1.58- —
1882 Venezuela	34	(a) (a)	48-48-48	1.50-2.00- —
1883 Mass	273	63 M.	(a)	1.33-3.83-2.12
1883 Mich	277	60 M.	(a)	.50-4.00-1.76
1883 N. J	322	168 M.	(a)	1.33-3.00-1.69
1883 Ohio	365	1 M.	72-72-72	1.67-1.67-1.67
1883 W. Va	7	3 M.	60-60-60	1.33-1.33-1.33
1883 Australia	174	(a) (a)	(a)	c1.22-1.22-1.22
1883 Ecuador	43	(a) (a)	(a)	1.00-2.00- —
1883 France	503	(a) M.	(a)	.57-1.93- —
1883 Germany	555	(a) (a)	k65-96 —	c.20- .61- —
1883 Gr't Brit	273	(a) M.	(a)	.93-1.46- —
1883 Ireland	43	(a) (a)	(a)	.81-1.01- —
1883 Ireland	575	(a) M.	k84-84-84	1.05-1.58- —
1884 Cal	192	23 M.	60-72-64	b1.92-3.00-2.62
1884 Ill	207	3 M.	l 78-78-78	1.25-1.50-1.42
1884 Iowa	231	3 M.	72-72-72	2.00-2.25-2.08
1884 Mich	278	24 M.	(a)	1.25-2.88-1.76
1884 N. J	2	120 M.	72-72-72	1.75-2.10-1.93
1884 N. J	323	462 M.	m48-84-59	1.33-2.83-1.77
1884 N. Y	2	32 M.	(n)	2.17-2.17-2.17

a Not reported.
b And board.
c And board and lodging.
d And 1 loaf with wine.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 2 of the 4 wage quotations.
h 74–112–100 hours.
i 112–112–112 hours.
j 74–102–100 hours.
k Applies to but 1 of the 2 wage quotations.
l Not including hours of 2 persons not reported.
m Not including hours of 15 persons not reported.
n 120–120–120 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Ohio	366	1 M.	60-60-60	1.83-1.83-1.83
1884 Pa	7	34 M.	59-60-60	1.25-3.00-1.85
1884 Australia	178	(a) (a)	48-48-48	1.01-2.43- —
1884 Aust-Hun	178	(a) M.	72-72-72	.83-1.00- —
1884 Aust-Hun	178	(a) M.	60-72 —	b.13- .80- —
1884 Bahamas	178	(a) (a)	(a)	.72-1.12- —
1884 Belgium	178	(a) M.	c60-72 —	.43-1.48- —
1884 Brazil	178	(a) M.	d60-60-60	.42-1.50- —
1884 Br. Guiana	178	(a) M.	72-72-72	.67-2.50- —
1884 Br. Hond	178	(a) (a)	54-54-54	.85-1.40- —
1884 Canada	178	(a) (a)	e60-60-60	.33-2.50- —
1884 Canada	466	(a) M.	62-69 —	1.34-1.39- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.22-1.82- —
1884 Ceylon	178	(a) (a)	53-53-53	.30- .40- —
1884 Colombia	178	(a) (a)	60-60-60	.64-1.29- —
1884 Cuba	178	(a) M.	d59-59-59	1.07-2.14- —
1884 Denmark	178	(a) M.	60-60-60	f.27- .62- —
1884 Ecuador	178	(a) M.	60-60-60	1.00-2.00- —
1884 England	178	(a) M.	g53-57 —	.72-2.43- —
1884 France	178	(a) M.	h60-84 —	.58-1.58- —
1884 France	178	(a) M.	i66-66-66	f.24- .44- —
1884 France	178	(a) F.	(a)	.29- .39- —
1884 France	504	(a) M.	(a)	.57-1.93- —
1884 Germany	178	(a) M.	j60-78 —	.12- .83- —
1884 Germany	178	(a) M.	k60-90 —	f.11- .60- —
1884 Germany	556	(a) (a)	(a)	.62- .83- —
1884 Germany	556	(a) (a)	l60-60-60	b.20- .71- —
1884 Gibraltar	178	(a) M.	50-56 —	.83-1.25- —
1884 Hawai. Is.	178	(a) (a)	54-54-54	2.67-5.00- —
1884 Ireland	178	(a) M.	m56-60 —	.89-1.34- —
1884 Ireland	575	(a) M.	n84-84-84	1.05-1.58- —
1884 Italy	178	(a) M.	o60-72 —	.29- .97- —
1884 Italy	178	(a) M.	66-66-66	p.28- .38- —
1884 Madeira Is	178	(a) M.	54-54-54	.45- .65- —
1884 Mexico	178	(a) (a)	q60-60-60	.43-2.50- —
1884 Morocco	178	(a) (a)	60-72 —	.40-1.00- —
1884 Netherl'ds	178	(a) M.	60-63 —	.50-1.00- —
1884 Persia	134	(a) (a)	(a)	.62- .62- .62
1884 Peru	178	(a) M.	(a)	.40- .82- —
1884 Philip. Is.	178	(a) M.	(a)	.50- .67- —
1884 Russia	178	(a) M.	60-91 —	.14- .97- —
1884 Russia	178	(a) M.	72-72-72	b.18- .55- —
1884 S.Domingo	178	(a) (a)	60-60-60	1.00-1.92- —
1884 Scotland	178	(a) M.	r51-56 —	.65-1.42- —
1884 S'ra Leone	178	(a) M.	48-48-48	.36- .48- —
1884 Spain	178	(a) M.	s60-72 —	.38-1.30- —
1884 Spain	178	(a) M.	84-84-84	b.19- .77- —
1884 Switzerl'd.	178	(a) M.	t65-66 —	.54- .90- —
1884 Switzerl'd.	178	(a) M.	60-66 —	b.19- .48- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.20-1.92- —
1884 Venezuela	178	(a) (a)	d60-60-60	1.67-5.77- —
1884 Venezuela	178	(a) (a)	(a)	b.30- .60- —
1884 Wales	178	(a) M.	u54-54-54	.61-1.08- —
1885 Iowa	7	1 M.	60-60-60	2.33-2.33-2.33
1885 N. J	324	49 M.	60-78-63	1.17-3.00-1.79
1885 N. Y	2	377 M.	60-86-82	1.45-2.50-2.20
1885 N. Y	331	49 M.	v72-86-85	.60-2.50-2.35
1885 Australia	431	(a) (a)	(a)	1.22-2.43- —
1885 Canada	467	(a) M.	58-60 —	1.25-1.55- —
1885 Ecuador	54	(a) (a)	(a)	.24- .24- .24
1885 France	494	(a) M.	(a)	.58-1.36- —
1885 Germany	547	(a) (a)	(a)	b.20- .79- —
1885 Ireland	575	(a) M.	n84-84-84	1.05-1.58- —
1885 N. Zealand	68	(a) (a)	(a)	1.22-2.43- —
1885 Norway	686	(a) M.	(a)	.67- .67- .67
1886 Cal	2	98 M.	60-60-60	2.30-2.30-2.30
1886 Cal	193	42 (a)	w48-84-64	1.34-2.50-1.73
1886 Cal	193	95 (a)	w60-90-69	f1.34-2.50-2.03
1886 Conn	2	18 M.	60-60-60	1.88-2.25-2.00
1886 Ga	2	70 M.	60-66-61	1.25-1.75-1.49
1886 Ill	2	110 M.	62-86-74	2.00-2.15-2.08
1886 Ill	7	10 M.	60-72-65	1.50-2.50-2.12
1886 Ill	208	15 M.	54-84-71	1.50-1.67-1.54
1886 Iowa	232	38 M.	x60-77-72	1.00-2.25-1.65
1886 Ky	2	13 M.	69-69-69	1.21-1.21-1.21
1886 La	2	356 M.	(y)	(z)
1886 Mass	2	28 M.	62-62-62	2.32-2.32-2.32
1886 Mich	2	104 (a)	48-60-54	1.75-1.75-1.75
1886 Minn	2	4 M.	80-80-80	1.75-1.75-1.75
1886 Mo	2	167 M.	54-60-55	1.00-1.58-1.16
1886 Mo	2	135 M.	(a)	(aa)
1886 N. J	325	1 M.	78-78-78	2.00-2.00-2.00
1886 N. Y	2	1071 M.	60-120-81	.80-2.58-1.92
1886 N. Y	7	54 M.	bb60-60-60	1.00-2.50-1.75
1886 N. Y	331	78 M.	cc60-74-60	1.67-2.67-1.95
1886 N. Y	331	59 F.	60-60-60	1.67-2.00-1.91
1886 Ohio	2	27 M.	87-87-87	1.66-1.66-1.66
1886 Pa	2	101 M.	84-84-84	1.50-1.50-1.50
1886 Wis	2	230 M.	80-80-80	1.50-1.50-1.50
1886 Argentina	57	(a) M.	60-60-60	2.33-3.33- —
1886 Argentina	57	(a) (a)	(a)	1.20-2.40- —
1886 Australia	184	(a) M.	(a)	2.03-2.03-2.03
1886 Aust-Hun	60	(a) (a)	(a)	b.20- .71- —
1886 Bolivia	57	(a) M.	(a)	7.50-9.00- —
1886 Canada	468	(a) M.	59-62 —	1.35-1.55- —
1886 C. of G'd H.	483	(a) (a)	(a)	.61-1.87- —
1886 C. of G'd H.	483	(a) (a)	(a)	f1.62-2.43- —
1886 France	495	(a) M.	(a)	.70-1.35- —
1886 Germany	548	(a) (a)	(a)	b.20-.40- —
1886 Gr't Brit	604	(a) M.	(a)	(dd)
1886 Ireland	575	(a) M.	n84-84-84	1.05-1.58- —
1886 Netherl'ds	456	(a) (a)	60-78 —	.67-1.01- —
1887 Conn	202	65 M.	(a)	.81-2.09-1.93
1887 Kans	242	1 M.	(a)	1.00-1.00-1.00
1887 N. Y	331	1 M.	74-74-74	f2.83-2.83-2.83
1887 Ohio	369	944 M.	ee60-78 —	1.00-2.50-1.71
1887 Ohio	369	110 F.	ee60-78 —	.60-1.00- .85
1887 Wis	409	61 M.	(a)	1.00-1.67-1.66
1887 Canada	469	(a) M.	64-65 —	1.53-1.61- —
1887 England	622	(a) M.	(a)	1.05-1.05-1.05
1887 France	495	(a) M.	(a)	.69-1.35- —
1887 Germany	557	(a) (a)	60-60-60	.69- .90- —
1887 Germany	557	(a) (a)	ff66-78 —	b.20- .75- —
1887 Ireland	575	(a) M.	n84-84-84	1.05-1.58- —

a Not reported.
b And board and lodging.
c Applies to but 6 of the 10 wage quotations.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 30 of the 36 wage quotations.
f And board.
g Applies to but 17 of the 42 wage quotations.
h Applies to but 4 of the 10 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 29 of the 39 wage quotations.
k Applies to but 24 of the 33 wage quotations.
l Applies to but 6 of the 9 wage quotations.
m Applies to but 6 of the 8 wage quotations.
n Applies to but 1 of the 2 wage quotations.
o Applies to but 14 of the 22 wage quotations.
p And dinner.
q Applies to but 8 of the 10 wage quotations.
r Applies to but 7 of the 11 wage quotations.
s Applies to but 12 of the 13 wage quotations.
t Applies to but 4 of the 7 wage quotations.
u Applies to but 3 of the 5 wage quotations.
v Not including hours of 3 persons not reported.
w Not including hours of 12 persons not reported.
x Not including hours of 34 persons not reported.
y 105-105-105 hours.
z $1.25-$1.25-$1.25, and board.
aa $1.00-$1.23-$1.10, and board.
bb Not including hours of 33 persons not reported.
cc Not including hours of 16 persons not reported.
dd $1.12-$1.49 —, and food.
ee Employees at different hours not reported.
ff Applies to but 2 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Netherl'ds	598	(a) (a)	60-78—	0.68-1.01- —
1888 Colo	198	1 M.	60-60-60	5.00-5.00-5.00
1888 Iowa	233	4 M.	72-72-72	2.00-2.00-2.00
1888 Kans	242	5 M.	(a)	2.25-2.50-2.38
1888 Kans	243	4 M.	(a)	2.14-2.14-2.14
1888 N. J	326	4 (a)	72-81-74	2.00-3.00-2.67
1888 N. Y	331	114 M.	b55-81-67	1.50-5.00-2.17
1888 N. Y	331	9 M.	c73-73-73	d1.00-1.56-1.25
1888 R. I	397	2 (a)	(a)	2.50-2.50-2.50
1888 Aust-Hun	447	(a) M.	(a)	.05- .57- —
1888 Aust-Hun	447	(a) F.	(a)	.05- .19- —
1888 Canada	470	(a) M.	59-59-59	1.68-1.68-1.68
1888 C. of G'd H.	483	(a) (a)	(a)	.37-4.06- —
1888 C. of G'd H.	483	(a) (a)	(a)	d.19-1.49- —
1888 Germany	558	(a) (a)	e 70-77 —	f .20- .68- —
1888 Ireland	575	(a) M.	g84-84-84	1.05-1.58- —
1889 Australia	422	(a) (a)	50-50-50	2.23-3.24- —
1889 Canada	471	(a) M.	65-67 —	1.50-1.53- —
1889 Germany	550	(a) M.	72-72-72	f .05½- .11- —
1889 Ireland	575	(a) M.	72-84 —	.97-1.58- —
1889 Italy	95	(a) M.	g 60-60-60	.38- .60- —
1889 Netherl'ds	521	(a) (a)	(a)	.76- .76- .76
1889 N. Zealand	96	(a) (a)	(a)	1.94-1.94-1.94
1889 Norway	518	(a) M.	(a)	.67- .67- .67
1889 Portugal	691	(a) M.	(a)	.01-1.94- —
1889 Portugal	691	(a) F.	(a)	.11- .54- —
1889 Spain	515	(a) M.	(a)	.68- .77- —
1890 Minn	292	56 M.	(a)	1.00-2.00-1.64
1890 N. Y	333	148 M.	(a)	.67-3.33-1.39
1890 Ohio	371	53 (a)	60-72-61	1.20-2.50-1.69
1890 Australia	423	(a) M.	48-48-48	.30- .51- —
1890 Australia	423	(a) F.	48-48-48	.49-1.01- —
1890 Australia	423	(a) (a)	48-48-48	2.03-2.43- —
1890 Aust-Hun	632	(a) M.	(a)	.26- .64- —
1890 Aust-Hun	632	(a) M.	(a)	d.06- .32- —
1890 C. of G'd H.	484	(a) (a)	(a)	.23-4.46- —
1890 Ireland	575	(a) M.	72-84 —	.97-1.58- —
1890 Netherl'ds	666	(a) M.	(a)	.40- .97- —
1890 Netherl'ds	666	(a) M.	(a)	f .10- .23- —
1890 Norway	686	(a) M.	(a)	.72- .72- .72
1890 Norway	690	(a) M.	(a)	.40- .40- .40
1890 Russia	632	(a) (a)	(a)	f .29- .29- .29
1890 Spain	632	(a) M.	(a)	.58- .77- —
1890 Spain	632	(a) F.	(a)	.29- .29- .29
1891 Mich	283	3 F.	(a)	.50-1.00- .67
1891 N. Y	333	254 M.	(a)	.58-5.00-1.57
1891 Ohio	372	269 M.	48-72-61	1.00-3.00-1.77
1891 Australia	134	(a) M.	(a)	2.11-2.11-2.11
1891 Belgium	632	(a) (a)	(a)	.58- .58- .58
1891 China	105	(a) (a)	(a)	.43- .43- .43
1891 England	576	(a) (a)	60-60-60	1.09-1.09-1.09
1891 France	505	(a) M.	h 56-77 —	.97-2.90- —
1891 France	522	(a) M.	(a)	.69-1.35- —
1891 Gr't Brit	576	(a) (a)	(a)	1.01-1.01-1.01
1891 Netherl'ds	632	(a) (a)	(a)	.60- .87- —
1891 N. Zealand	667	(a) (a)	(a)	1.22-2.43- —
1891 Norway	108	(a) M.	(a)	.80-1.07- —
1891 Scotland	576	(a) (a)	i 55-55-55	.73-1.82- —
1892 Cal	196	17 M.	(a)	.77-3.33-1.81
1892 Ill	210	27 F.	48-60-57	1.00-1.67-1.13
1892 Ill	210	1 F.	63-63-63	f .96- .96- .96
1892 Iowa	235	306 M.	48-72-62	1.16-3.00-1.88
1892 Mo	301	3 M.	(a)	1.33-2.08-1.69
1892 Algeria	505	(a) M.	70-74 —	1.10-1.35- —
1892 Australia	414	(a) (a)	(a)	0.81-2.23- —
1892 Australia	424	(a) (a)	(a)	1.22-2.70- —
1892 C. of G'd H.	486	(a) M.	(a)	.81-4.46- —
1892 C. of G'd H.	486	(a) M.	(a)	f .61- .61- .61
1892 Corsica	505	(a) M.	(a)	.48- .48- .48
1892 Denmark	632	(a) (a)	(a)	.75- .75- .75
1892 England	577	(a) M.	j 60-60-60	.73-1.38- —
1892 England	632	(a) M.	48-57 —	1.18-1.42- —
1892 France	505	(a) M.	k 60-112—	.28-1.35- —
1892 France	505	(a) M.	l 63-72 —	d .16- .77- —
1892 France	505	(a) M.	70-84 —	m .58-1.06- —
1892 Ireland	632	(a) M.	72-72-72	.81-1.22- —
1892 Italy	112	(a) M.	66-66-66	.40- .80- —
1892 Scotland	11	(a) (a)	(a)	1.01-1.18- —
1892 Scotland	577	(a) M.	g 63-63-63	.97-1.05- —
1892 Scotland	632	(a) M.	50-55 —	.97-1.22- —
1892 Spain	115	(a) M.	(a)	.70- .80- —
1893 Ill	10	40 M.	59-96-67	.83-4.17-2.07
1893 Ill	10	3 F.	36-56-49	.50-2.00-1.06
1893 Md	10	47 M.	30-96-68	.67-5.00-2.06
1893 Md	10	1 F.	72-72-72	4.17-4.17-4.17
1893 Mo	302	500 M.	84-84-84	1.17-3.00-1.55
1893 Mont	307	6 M.	n 57-77-61	2.00-4.17-3.58
1893 Mont	307	2 M.	n 48-48-48	f .96-2.50-1.73
1893 N. Y	10	65 M.	48-117-73	.67-4.17-1.67
1893 N. Y	10	8 M.	56-102-69	d .58-1.33- .99
1893 N. Y	10	3 F.	70-84-75	.54-2.00-1.40
1893 Ohio	374	253 M.	o 54-72-62	1.00-2.50-1.73
1893 Ohio	374	12 M.	60-60-60	d 1.40-1.50-1.44
1893 Ohio	374	17 F.	60-60-60	.50-1.00- .54
1893 Pa	10	38 M.	42-108-71	.42-3.33-1.90
1893 Pa	10	10 M.	60-84-73	d .67-1.92-1.01
1893 Algeria	507	(a) (a)	(a)	1.06-1.11- —
1893 Australia	415	(a) (a)	(a)	1.22-2.03- —
1893 Aust-Hun	448	(a) M.	66-93 —	.27-1.08- —
1893 Aust-Hun	448	(a) M.	66-93 —	f .14- .81- —
1893 England	578	(a) M.	60-84 —	1.01-1.01-1.01
1893 France	507	(a) (a)	p 60-84 —	.64-1.35- —
1893 France	507	(a) (a)	72-72-72	f .18- .33- —
1893 Germany	11	(a) M.	(a)	.68- .71- —
1893 Germany	127	(a) M.	(a)	.52- .52- .52
1893 Gr't Brit	578	(a) M.	60-60-60	1.14-1.14-1.14
1893 Ireland	578	(a) M.	72-72-72	.97- .97- .97
1893 N. Zealand	669	(a) M.	50-60 —	2.03-2.43- —
1893 N. Zealand	682	(a) (a)	(a)	1.22-2.92- —
1894 D. C	8	2 M.	60-60-60	2.00-3.00-2.50
1894 Iowa	236	27 M.	60-84-66	1.17-3.75-2.05
1894 Iowa	236	1 M.	60-60-60	d 2.17-2.17-2.17
1894 N. H	316	4 M.	60-72-63	2.17-3.50-2.88
1894 Ohio	374	10 M.	(a)	1.17-4.17-1.82
1894 Ohio	375	148 M.	54-72-62	1.14-3.33-1.76
1894 Ohio	375	3 F.	48-66-58	.50- .66- .59
1894 Australia	416	(a) (a)	(a)	1.01-2.03- —
1894 Australia	425	(a) (a)	(a)	1.01-2.23- —
1894 Canada	187	(a) M.	60-60-60	1.67-2.25- —
1894 C. of G'd H.	487	(a) M.	48-72 —	1.22-3.24- —
1894 C. of G'd H.	487	(a) M.	48-60 —	f .19-2.24. —
1894 China	186	(a) M.	(a)	.29- .86- —
1894 France	129	(a) M.	(a)	.97-2.32- —
1894 France	508	(a) M.	q 60-60-60	.58- .97- —
1894 Germany	11	(a) (a)	(a)	.84- .84- .84
1894 Scotland	590	(a) (a)	(a)	.81- .97- —
1895 Ga	7	10 M.	59-59-59	1.25-2.33-1.46
1895 Ill	8	1 M.	60-60-60	2.00-2.00-2.00

a Not reported.
b Not including hours of 24 persons not reported.
c Not including hours of 4 persons not reported.
d And board.
e Applies to but 3 of the 5 wage quotations.
f And board and lodging.
g Applies to but 1 of the 2 wage quotations.
h Applies to but 7 of the 9 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 5 of the 9 wage quotations.
k Applies to but 19 of the 20 wage quotations.
l Applies to but 2 of the 6 wage quotations.
m And bread.
n Not including hours of 1 person not reported.
o Not including hours of 19 persons not reported.
p Applies to but 5 of the 15 wage quotations.
q Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Iowa	7	1 M.	60-60-60	2.33-2.33-2.33
1895 Mass	8	8 M.	60-60-60	2.10-2.25-2.14
1895 Mo	304	17 M.	(a)	.67-2.29-1.85
1895 N. Y	8	23 M.	60-60-60	2.00-3.33-2.39
1895 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	275 M.	b 54-72-60	.66-3.33-1.90
1895 Ohio	376	33 F.	54-60-55	.58- .75- .71
1895 R. I	7	2 M.	66-66-66	.67-3.00-1.83
1895 Australia	417	(a) (a)	(a)	1.01-2.03- —
1895 Australia	426	(a) (a)	(a)	1.01-2.23- —
1895 Aust-Hun	435	(a) M.	(c)	.34- .58- —
1895 Aust-Hun	435	(a) M.	(c)	d.24- .24- .24
1895 Canada	187	(a) M.	e 60-66 —	1.17-2.50- —
1895 England	591	(a) M.	(a)	1.22-1.30- —
1895 France	509	(a) (a)	f 60-72 —	.48-1.16- —
1895 France	513	(a) M.	72-72-72	.87- .87- .87
1895 Ireland	591	(a) M.	(a)	.57- .81- —
1895 N. Zealand	184	(a) (a)	(a)	1.22-2.50- —
1895 Nicaragua	140	(a) (a)	(a)	.50-1.50- —
1895 Norway	687	(a) M.	(a)	.76- .76- .76
1895 Norway	690	(a) M.	(a)	.64- .80- —
1895 Scotland	591	(a) M.	(a)	1.09-1.22- —
1895 Spain	133	(a) M.	(a)	.70- .80- —
1896 Colo	200	85 (a)	66-66-66	2.00-2.00-2.00
1896 Fla	15	1 M.	(a)	2.00-2.00-2.00
1896 Ga	7	10 M.	60-66-62	1.67-2.00-1.92
1896 Ga	15	1 M.	(a)	1.00-1.00-1.00
1896 Ill	7	20 M.	60-60-60	1.67-3.00-2.22
1896 Ill	12	7 M.	g 60-72-64	.67-2.00-1.17
1896 Iowa	236	1 M.	72-72-72	1.67-1.67-1.67
1896 Kans	250	1 M.	60-60-60	1.17-1.17-1.17
1896 Mo	305	103 M.	48-72-62	1.40-2.25-1.91
1896 Mo	305	21 F.	54-60-59	.92-1.20- .98
1896 Nebr	314	71 M.	(h)	.50-4.25-1.85
1896 N. Y	7	56 M.	60-60-60	1.50-2.50-1.79
1896 N. Y	336	35 M.	(a)	.83-3.00-1.62
1896 Ohio	377	234 M.	60-68-62	.87-2.35-1.71
1896 Ohio	377	2 F.	63-63-63	.54- .54- .54
1896 Pa	7	71 M.	54-57-55	1.50-3.33-2.16
1896 W. Va	7	3 M.	60-60-60	1.83-1.83-1.83
1896 Algeria	505	(a) M.	(a)	.93-1.16- —
1896 Algeria	505	(a) M.	(a)	i .06½- .11½- —
1896 Australia	427	(a) (a)	(a)	1.01-2.43- —
1896 Br. Guiana	184	(a) M.	(a)	.67-1.33- —
1896 Canada	482	(a) (a)	72-108 —	.77-1.34- —
1896 C. of G'd H	184	(a) (a)	(a)	d .77- .96- —
1896 Corsica	505	(a) M.	(a)	.48- .48- .48
1896 Corsica	505	(a) M.	(a)	i .07½-.07½-.07½
1896 England	592	(a) M.	(a)	.97- .97- .97
1896 France	184	(a) (a)	(a)	1.20-1.20-1.20
1896 France	505	(a) M.	j 77-77-77	.22-1.54- —
1896 France	505	(a) M.	(a)	i .04½- .13½- —
1896 France	505	(a) M.	(a)	d .19- .70- —
1896 France	505	(a) M.	(a)	k .01½-.05½- —
1896 France	505	(a) M.	(a)	l .25- .77- —
1896 France	510	(a) (a)	(a)	.82- .92- —
1896 Germany	560	(a) M.	60-72 —	m .44- .48- —
1896 Madagas	184	(a) M.	(a)	.19- .37- —
1896 Mexico	184	(a) M.	(a)	.38- .75- —
1896 Persia	184	(a) (a)	(a)	.25- .25- .25
1896 Scotland	592	(a) M.	(a)	1.01-1.22- —
1897 Ill	8	16 M.	60-60-60	2.00-2.17-2.09
1897 Kans	251	4 M.	70-85-75	.86-1.71-1.46
1897 Mich	289	91 M.	(a)	2.04-2.04-2.04
1897 Nebr	314	3 M.	(a)	2.00-2.00-2.00
1897 Nebr	314	2 (a)	(a)	1.00-1.00-1.00
1897 Va	404	67 M.	54-96-63	.69-3.00- .92
1897 Va	404	3 F.	48-72-60	.50-1.50- .86
1897 Australia	418	(a) (a)	(a)	.81-2.03- —
1897 Australia	418	(a) (a)	(a)	n 1.62-1.62-1.62
1897 Australia	428	(a) (a)	(a)	1.01-2.53- —
1897 Aust-Hun	437	(a) (a)	54-72 —	d .20- .68- —
1897 C. of G'd H	587	(a) M.	(a)	3.04-3.04-3.04
1897 England	593	(a) (a)	(a)	1.05-1.09- —
1897 France	511	(a) M.	o 42-66 —	.77-1.85- —
1897 France	511	(a) F.	60-66 —	.53- .58- —
1897 Scotland	593	(a) (a)	p 53-55 —	.89-1.22- —
1897 Sweden	708	(a) (a)	(a)	.85-1.03- —
1898 Mich	290	17 M.	(a)	1.25-1.50-1.41
1898 Nebr	314	48 (a)	48-96-62	1.00-2.50-1.83
1898 Australia	419	(a) (a)	(a)	1.01-2.03- —
1898 Australia	419	(a) (a)	(a)	(q)
1898 Australia	429	(a) (a)	(a)	1.01-2.53- —
1898 Aust-Hun	438	(a) (a)	72-72-72	n .27- .41- —
1898 C. of G'd H	149	(a) (a)	(a)	2.75-2.75-2.75
1898 Denmark	493	(a) M.	r 57-57-57	.84-1.29- —
1898 Denmark	681	(a) (a)	48-57 —	1.03-1.44- —
1898 France	512	(a) M.	s 72-72-72	.77-1.16- —
1898 Germany	151	(a) (a)	(a)	.71- .87- —
1898 N. Zealand	680	(a) M.	42-51 —	1.82-2.43- —
1898 Scotland	594	(a) (a)	t 55-55-55	.97-1.22- —
1899 Ga	18	18 M.	60-60-60	.60-2.00-1.06
1899 Mass	18	48 M.	66-70-68	1.17-4.17-2.17
1899 Germany	156	(a) (a)	(a)	m .09- .09- .09
1899 N. Zealand	681	(a) (a)	51-51-51	1.82-1.82-1.82
1899 Scotland	588	(a) (a)	(a)	.97-1.30- —
1900 Ga	18	18 M.	60-60-60	.60-2.00-1.06
1900 Mass	18	51 M.	66-70-68	1.17-4.17-2.15

BAKERS' HELPERS.

1871	Scotland	185	(a)	M.	(a)	.12-0.24- —	1886	Ill	7	2	M.	72-72-72	1.33-1.33-1.33
1880	Ga	7	4	M.	66-66-66	1.00-1.33-1.17	1886	Gr't Brit	604	(a)	M.	(a)	u .47- .67- —
1880	Pa	7	5	M.	60-60-60	.75-1.67-1.15	1887	Ohio	369	15	M.	60-60-60	.90- .90- .90
1883	N. J	322	30	M.	(a)	.75-1.50-1.17	1887	Ohio	369	28	F.	60-60-60	.75- .75- .75
1884	Italy	178	(a)	M.	60-60-60	.22- .22- .22	1888	N. Y	331	12	M.	v 56-76-65	.50-1.50-1.06
1884	Mexico	178	(a)	(a)	(a)	1.00-1.25- —	1890	N. Y	333	2	M.	(a)	2.00-2.50-2.25

a Not reported.
b Not including hours of 1 person not reported.
c 102-102-102 hours.
d And board.
e Applies to but 2 of the 5 wage quotations.
f Applies to but 2 of the 4 wage quotations.
g Not including hours of 2 persons not reported.
h 60-108-63 hours; not including hours of 26 persons not reported.
i Per hour.
j Applies to but 1 of the 9 wage quotations.
k Per hour, and board.
l And lodging.
m And board and lodging.
n And found.
o Applies to but 8 of the 9 wage quotations.
p Applies to but 2 of the 12 wage quotations.
q $1.22-$1.22-$1.22, and board.
r Applies to but 2 of the 3 wage quotations.
s Applies to but 1 of the 3 wage quotations.
t Applies to but 12 of the 19 wage quotations.
u And food.
v Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAKERS' HELPERS—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y	333	6 M.	(a)	0.42-2.50-1.11	1895 Ohio	376	2 F.	60-60-60	0.66-0.66-0.66
1891 France	505	(a) M.	(a)	1.27-1.47- —	1895 Aust-Hun.	435	(a) M.	60-72 —	.54- .68- —
1892 C.of G'd H.	486	(a) M.	(a)	.41- .81- —	1896 Ga	7	4 M.	66-66-66	1.00-1.50-1.38
1893 Ohio	374	4 M.	54-60-57	.50-1.00- .79	1896 Ill	7	2 M.	60-60-60	1.67-1.67-1.67
1893 Aust-Hun.	448	(a) M.	84-84-84	.51- .58- —	1896 Ill	12	5 M.	48-72-60	.67- .92- .75
1893 Aust-Hun.	448	(a) M.	84-84-84	b.24- .30- —	1896 Ohio	377	2 M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	6 M.	60-60-60	.70- .70- .70	1896 Pa	7	5 M.	55-57-56	.83-1.67-1.37
1894 C.of G'd H.	487	(a) M.	51-66 —	1.62-1.62-1.62	1897 Australia	428	(a) (a)	(a)	.61- .81- —
1895 Ga	7	8 M.	59-59-59	1.00-1.17-1.04	1897 England	587	(a) M.	(a)	.81- .81- .81
1895 Mo	304	9 M.	(a)	.42-1.17- .93	1898 Australia	429	(a) (a)	(a)	.61- .81- —
1895 Ohio	376	6 M.	c 60-60-60	.83-1.67-1.36					

BALANCE MAKERS, WATCHES.

1883	England	8	(a)	M.	60-60-60	.75-1.67- —	....	.....	....	....	...	.....	.....

BALERS, COTTON.

1835	Fla	8	1	M.	60-60-60	.60- .60- .60	1870	Egypt	610	(a)	M.	(a)	1.01-1.01-1.01
1845	Fla	8	1	M.	60-60-60	.60- .60- .60	1895	Fla	8	9	M.	60-63-62	.75-1.00- .81
1860	Fla	8	1	M.	60-60-60	.60- .60- .60							

BALERS, PAPER AND PAPER PRODUCTS.

1885	Mass	7	1	M.	60-60-60	1.25-1.25-1.25	1895	Mass	7	2	M.	58-58-58	1.69-2.42-2.06
1890	N. Y	333	2	M.	(a)	1.38-2.17-1.78	1896	Conn	8	2	M.	60-60-60	1.25-1.25-1.25
1891	N. Y	333	2	M.	(a)	1.38-2.17-1.78							

BALERS, RAGS.

1884	Mich	278	2	M.	(a)	1.50-1.50-1.50	1893	Ill	10	2	M.	60-60-60	1.17-3.00-2.09
1885	N. Y	7	16	M.	d 52-52-52	1.33-1.50-1.48	1893	N. Y	10	2	M.	60-60-60	1.17-1.17-1.17
1886	Mich	7	7	M.	50-58-55	1.50-1.50-1.50	1895	N. Y	7	20	M.	60-60-60	1.67-1.67-1.67
1886	N. Y	7	10	M.	48-60-50	1.17-1.50-1.29	1896	Ill	12	3	M.	e 60-60-60	.58-1.25-1.00
1890	N. Y	333	3	M.	(a)	1.50-1.50-1.50	1896	Mich	7	7	M.	50-58-55	1.25-1.25-1.25
1891	N. Y	333	3	M.	(a)	1.50-1.50-1.50	1896	N. Y	7	14	M.	48-60-50	1.00-1.50-1.33

BALERS, TEXTILES.

1845	N. Y	8	1	M.	78-78-78	.40- .40- .40	1868	Germany	610	(a)	M.	68-68-68	.33- .33- .33
1855	Mass	190	1	M.	72-72-72	1.00-1.00-1.00	1869	Mass	190	7	M.	66-66-66	.50-1.63- .87
1856	Mass	190	1	M.	72-72-72	.83- .83- .83	1870	Mass	190	4	M.	66-66-66	.80-1.50-1.33
1857	Mass	190	1	M.	72-72-72	.83- .83- .83	1871	Mass	190	5	M.	66-66-66	1.25-1.75-1.58
1858	Mass	190	1	M.	72-72-72	.92- .92- .92	1872	Mass	190	5	M.	66-66-66	1.50-1.75-1.62
1859	Mass	190	1	M.	72-72-72	1.00-1.00-1.00	1873	Mass	190	6	M.	66-66-66	1.00-1.75-1.56
1860	Mass	190	1	M.	72-72-72	1.00-1.00-1.00	1874	Mass	190	5	M.	66-66-66	1.27-1.50-1.40
1861	Mass	190	1	M.	66-66-66	.83- .83- .83	1875	Mass	190	5	M.	60-60-60	1.15-1.50-1.28
1862	Mass	190	1	M.	66-66-66	.83- .83- .83	1876	Mass	190	5	M.	60-60-60	1.10-1.40-1.19
1863	Mass	190	1	M.	66-66-66	1.08-1.08-1.08	1876	Pa	382	1	M.	(a)	1.17-1.17-1.17
1864	Mass	190	1	M.	66-66-66	1.33-1.33-1.33	1876	S. C	7	4	M.	66-66-66	.60- .90- .71
1865	Mass	190	1	M.	66-66-66	1.33-1.33-1.33	1877	Mass	190	4	M.	60-60-60	1.10-1.40-1.18
1866	Mass	190	1	M.	66-66-66	1.67-1.67-1.67	1878	Ga	7	7	M.	66-66-66	.67- 75- 73
1867	Ga	7	4	M.	66-66-66	.90- .90- .90	1878	Ga	7	15	F.	66-66-66	.33- .67- .42
1867	Mass	190	6	M.	66-72-71	.50-1.67- .80	1878	Mass	190	5	M.	60-60-60	1.04-1.40-1.15
1868	Mass	190	7	M.	66-66-66	.50-1.54- .77	1878	N. Y	8	1	M.	60-60-60	1.67-1.67-1.67

a Not reported.
b And board and lodging.
c Not including hours of 2 persons not reported.
d Not including hours of 14 persons not reported.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BALERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 N. C	7	1 M.	72-72-72	0.50-0.50-0.50
1879 Mass	190	5 M.	60-60-60	1.00-1.25-1.06
1880 Mass	190	5 M.	60-60-60	1.00-1.40-1.12
1881 Mass	190	5 M.	60-60-60	1.15-1.40-1.21
1881 N. C	7	4 M.	(a)	.60-1.25- .80
1882 Ga	7	2 M.	72-72-72	1.00-1.00-1.00
1882 Mass	190	5 M.	60-60-60	1.15-1.40-1.23
1882 Mo	7	2 M.	59-59-59	2.00-2.50-2.25
1882 N. H	7	8 M.	66-66-66	1.00-1.33-1.22
1882 N. C	7	3 M.	b 65-72-68	.67-1.00- .83
1882 S. C	7	2 M.	b 76-76-76	.60- .90- .75
1882 Br. India	459	(a) (a)	(a)	.11- .13- —
1883 Ala	7	2 M.	(a)	.50- .60- .55
1883 Ga	7	3 M.	c 69-69-69	1.00-1.50-1.33
1883 Mass	190	6 M.	60-60-60	1.20-1.40-1.25
1883 N. C	7	1 M.	(a)	.90- .90- .90
1883 S. C	7	2 M.	70-72-71	.65- .90- .78
1883 Br. India	459	(a) (a)	(a)	.10- .12- —
1884 Ga	7	1 M.	70-70-70	1.00-1.00-1.00
1884 Ind	7	1 M.	(a)	.75- .75- .75
1884 La	7	2 M.	66-66-66	.60-1.50-1.05
1884 Mass	190	5 M.	60-60-60	1.10-1.40-1.24
1884 N. C	7	1 M.	69-69-69	.58- .58- .58
1884 S. C	7	5 M.	(a)	.85- .85- .85
1884 Tenn	7	1 M.	66-66-66	1.00-1.00-1.00
1884 Br. India	459	(a) (a)	(a)	.10- .12- —
1885 Ala	7	2 M.	b 63-63-63	.75- .90- .83
1885 Conn	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Conn	7	4 M.	60-60-60	.60-1.50-1.28
1885 Ga	1	3 M.	69-69-69	.75- .85- .82
1885 Me	1	11 M.	66-66-66	.67-1.33- .75
1885 Md	1	1 M.	66-66-66	1.25-1.25-1.25
1885 Mass	190	5 M.	60-60-60	1.10-1.40-1.24
1885 N. H	7	1 M.	66-66-66	1.05-1.05-1.05
1885 N. Y	1	2 M.	66-66-66	1.00-1.25-1.13
1885 N. C	1	4 M.	69-69-69	.40-1.25- .89
1885 Va	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Br. India	459	(a) (a)	(a)	.13- .14- —
1886 Mass	190	5 M.	60-60-60	1.05-1.40-1.23
1886 N. H	7	2 M.	60-60-60	2.00-2.00-2.00
1886 Pa	7	1 M.	(a)	1.67-1.67-1.67
1886 R. I	7	19 M.	60-60-60	1.00-2.00-1.57
1886 R. I	7	2 F.	60-60-60	1.00-1.00-1.00
1886 Br. India	459	(a) (a)	(a)	.12- .13- —
1887 Conn	202	9 M.	(a)	1.50-1.50-1.50
1887 Conn	202	7 F.	(a)	.75- .75- .75
1887 Mass	190	5 M.	60-60-60	1.05-1.40-1.28
1887 Wis	409	1 M.	(a)	2.50-2.50-2.50
1887 Br. India	459	(a) (a)	(a)	.14- .15- —
1888 Ga	6	4 M.	66-66-66	1.00-1.25-1.13
1888 Mass	190	8 M.	60-60-60	1.05-1.40-1.31
1888 N. Y	6	4 M.	(a)	.68- .88- .74
1888 N. Y	6	5 F.	60-60-60	.60- .60- .60
1888 N. Y	331	1 M.	(a)	1.25-1.25-1.25
1888 R. I	6	1 M.	(a)	1.33-1.33-1.33
1888 S. C	6	1 M.	(a)	.65- .65- .65
1888 Va	6	2 M.	(a)	1.00-1.00-1.00
1888 Br. India	459	(a) (a)	(a)	.14- .19- —
1889 Ga	6	1 M.	66-66-66	1.50-1.50-1.50
1889 Me	6	6 M.	d 60-60-60	.83-1.40-1.07
1889 Md	6	2 M.	(a)	1.10-1.25-1.18
1889 Mass	6	44 M.	c 60-60-60	.90-1.50-1.04
1889 Mass	190	5 M.	60-60-60	1.05-1.40-1.24
1889 N. H	6	25 M.	e 60-60-60	1.00-1.80-1.24
1889 N. Y	6	2 M.	(a)	.60-1.00- .80
1889 N. C	6	2 M.	(a)	.75- .75- .75
1889 R. I	6	1 M.	(a)	1.15-1.15-1.15
1889 S. C	6	1 M.	69-69-69	.65- .65- .65
1889 Tenn	6	5 M.	(a)	.75-1.00- .90
1889 Va	6	1 M.	(a)	1.17-1.17-1.17
1889 Br. India	459	(a) (a)	(a)	.14- .18- —
1889 Italy	637	(a) M.	(a)	.60- .60- .60
1890 Ala	6	4 M.	(a)	.75-1.25- .88
1890 Ky	6	1 M.	(a)	1.25-1.25-1.25
1890 La	6	5 M.	(a)	1.75-1.75-1.75
1890 Mass	190	6 M.	60-60-60	.64-1.40-1.14
1890 Miss	6	1 (a)	(a)	1.00-1.00-1.00
1890 N. Y	333	1 M.	(a)	2.00-2.00-2.00
1890 N. C	6	7 M.	(a)	.75- .93- .80
1890 Tenn	6	2 M.	(a)	.80-1.00- .90
1890 Br. India	459	(a) (a)	(a)	.18- .29- —
1891 Mass	190	8 M.	60-60-60	.64-1.40-1.17
1891 Mich	283	1 F.	(a)	.75- .75- .75
1891 N. Y	333	3 M.	(a)	1.17-2.00-1.44
1891 N. C	346	1 M.	72-72-72	1.00-1.00-1.00
1891 Br. India	459	(a) (a)	(a)	.17- .24- —
1891 Italy	638	(a) M.	69-72 —	.50- .60- —
1892 Me	258	7 M.	60-60-60	1.00-1.50-1.22
1892 Mass	20	8 M.	60-60-60	1.10-1.50-1.28
1892 Mass	190	6 M.	58-58-58	1.10-1.45-1.25
1893 Mass	20	6 M.	58-58-58	1.25-1.50-1.35
1893 Br. India	459	(a) (a)	(a)	.12- .19- —
1893 Italy	639	(a) M.	68-68-68	.58- .58- .58
1894 Mass	20	5 M.	58-58-58	1.25-1.50-1.36
1894 N. C	8	2 M.	60-66-63	.65-1.00- .83
1894 S. C	8	1 M.	66-66-66	.90- .90- .90
1894 Br. India	459	(a) (a)	(a)	.07- .17- —
1895 Ala	7	4 M.	60-66-62	.60- .90- .70
1895 Ga	7	7 M.	66-66-66	.90-1.00- .99
1895 Ga	8	4 M.	66-66-66	1.00-1.50-1.25
1895 La	7	10 M.	60-60-60	.40-1.50- .64
1895 Mass	20	5 M.	58-58-58	1.25-1.50-1.36
1895 Mo	7	4 M.	59-59-59	1.50-3.00-2.17
1895 N. H	7	14 M.	60-60-60	1.00-1.25-1.09
1895 N. C	7	3 M.	65-72-68	.83-1.00- .91
1895 N. C	8	15 M.	66-72-67	.40-1.25- .78
1895 Pa	8	8 M.	60-60-60	.83-1.67-1.27
1895 S. C	7	28 M.	66-66-66	.54- .95- .75
1895 S. C	8	1 M.	66-66-66	.90- .90- .90
1895 Br. India	459	(a) (a)	(a)	.08½- .11- —
1896 Conn	7	4 M.	60-60-60	1.25-1.50-1.40
1896 Conn	8	12 M.	60-60-60	1.10-1.10-1.10
1896 Ga	7	23 M.	66-66-66	.67-1.40- .97
1896 Ga	7	17 F.	66-66-66	.33- .67- .47
1896 Ind	7	1 M.	65-65-65	1.13-1.13-1.13
1896 N. H	7	3 M.	60-60-60	1.28-2.05-1.79
1896 N. C	7	11 M.	68-69-69	.50-1.00- .78
1896 Pa	7	7 M.	57-60-59	.75-1.50-1.02
1896 Pa	7	1 F.	60-60-60	.58- .58- .58
1896 R. I	7	13 M.	60-60-60	1.50-2.36-1.89
1896 Br. India	459	(a) (a)	(a)	.11- .20- —
1897 Ga	8	1 M.	66-66-66	.85- .85- .85
1897 N. Y	8	4 M.	54-60-57	2.00-2.00-2.00

BALLERS, ROPE, THREAD, AND TWINE.

1872	England	185	(a)	F.	(a)	.48- .48- .48	1882	Pa	8	1	M.	60-60-60	2.08-2.08-2.08
1878	N. J	8	3	M.	60-60-60	1.50-1.67-1.61	1882	Switzerl'd	33	(a)	(a)	66-66-66	.71- .71- .71
1878	N. Y	8	2	M.	60-60-60	1.00-1.00-1.00	1883	Ga	7	7	M.	(a)	.60- .75- .67

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 15 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BALLERS, ROPE, THREAD, AND TWINE—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1883 Ga	7	18 F.	(a)	0.60-0.75-0.64
1883 Mass	273	1 M.	(a)	1.05-1.05-1.05
1883 Mass	273	1 F.	(a)	1.00-1.00-1.00
1885 N. H	7	6 F.	60-60-60	.65- .90- .72
1886 N. Y	3	2 F.	60-60-60	.58- .75- .67
1886 Pa	7	1 M.	60-60-60	.67- .67- .67
1886 Pa	7	19 F.	60-60-60	.47- .54- .50
1886 England	601	(a) M.	57-57-57	.97- .97- .97
1886 England	601	(a) F.	56-56-56	.36- .36- .36
1886 Gr't Brit	601	(a) F.	56-57 —	.36- .46- —
1886 Scotland	601	(a) M.	56-56-56	.32- .32- .32
1886 Scotland	601	(a) F.	56-56-56	.40- .40- .40
1887 Ga	3	1 F.	65-65-65	.60- .60- .60
1887 Mass	3	7 F.	b 60-60-60	.75- .88- .82
1887 N. Y	3	3 F.	59-59-59	.79-1.00- .90
1887 Ohio	3	1 F.	60-60-60	.38- .38- .38
1887 Ohio	369	5 M.	60-60-60	1.40-1.40-1.40
1887 Ohio	369	29 F.	60-60-60	.84- .85- .84
1888 N. J	326	8 F.	60-60-60	.83- .93- .86
1888 N. Y	331	59 M.	(a)	.67-1.00- .89
1888 N. Y	331	6 F.	(a)	1.00-1.00-1.00
1888 N. Y	331	8 (a)	(a)	1.25-1.25-1.25
1888 R. I	6	6 M.	c 60-60-60	.75- .75- .75
1889 Canada	471	(a) F.	60-60-60	0.55-0.55-0.55
1890 Ala	6	3 F.	66-66-66	.42- .42- .42
1890 N. Y	333	3 M.	(a)	1.07-1.07-1.07
1891 N. Y	333	7 M.	(a)	1.07-1.07-1.07
1891 France	505	(a) F.	(a)	.34- .63- —
1892 France	505	(a) F.	66-66-66	.29- .58- —
1893 N. J	327	3 F.	55-55-55	.58-1.08- .79
1893 France	507	(a) F.	66-66-66	.29- .39- —
1894 N. C	8	1 F.	60-60-60	.65- .65- .65
1894 Ohio	375	11 M.	60-60-60	.91- .91- .91
1895 N. H	7	10 F.	60-60-60	.80-1.00- .92
1895 N. J	8	3 F.	60-60-60	1.00-1.08-1.06
1895 N. C	8	1 F.	69-69-69	.75- .75- .75
1895 Ohio	376	10 F.	60-60-60	.90- .90- .90
1895 Pa	8	2 M.	60-60-60	1.67-1.67-1.67
1895 Tenn	7	2 M.	66-66-66	.25- .40- .33
1896 Ga	7	9 M.	63-66-64	.50- .65- .58
1896 Ga	7	59 F.	63-63-63	.50- .67- .63
1896 N. C	8	12 F.	66-66-66	.30- .30- .30
1896 Pa	7	4 M.	57-60-58	.45- .50- .48
1896 Pa	7	32 F.	57-60-60	.29-1.08- .51
1896 France	510	(a) F.	66-66-66	.54- .58- —
1897 N. Y	8	2 F.	60-60-60	1.33-1.33-1.33

BAND BOYS, TEXTILES.

1856	Mass	190	12	M.	72-72-72	.83-1.12-1.04	1885	Mass	1	4	M.	60-60-60	.55- .67- .64
1857	Mass	190	6	M.	72-72-72	1.00-1.12-1.04	1885	Mass	190	5	M.	60-60-60	.70-1.00- .79
1858	Mass	190	3	M.	72-72-72	.58- .67- .61	1885	N. H	1	4	M.	65-65-65	.40- .57- .49
1859	Mass	190	2	M.	72-72-72	.58- .67- .63	1885	Pa	1	1	M.	60-60-60	1.00-1.00-1.00
1860	Mass	190	4	M.	72-72-72	.58- .83- .71	1886	Mass	190	7	M.	60-60-60	.51-1.00- .77
1861	Mass	190	4	M.	66-66-66	.60- .83- .73	1886	N. H	7	1	M.	60-60-60	.60- .60- .60
1862	Mass	190	1	M.	66-66-66	1.00-1.00-1.00	1886	Pa	7	3	M.	d 60-60-60	.35- .75- .55
1865	Mass	190	5	M.	66-66-66	.50-1.00- .80	1887	Mass	190	2	M.	60-60-60	.52- .70- .61
1866	Mass	190	1	M.	66-66-66	1.00-1.00-1.00	1887	Wis	409	1	M.	(a)	.83- .83- .83
1867	Ga	7	2	M.	66-66-66	.45- .45- .45	1888	Mass	6	13	M.	e 60-60-60	.60-1.08-1.01
1867	Mass	190	13	M.	66-66-66	.67- .99- .77	1888	Mass	190	1	M.	60-60-60	.60- .60- .60
1868	Mass	190	3	M.	66-66-66	.75- .83- .78	1888	N. Y	6	1	M.	(a)	.46- .46- .46
1869	Mass	190	2	M.	66-66-66	.75- .75- .75	1888	N. Y	331	4	M.	(a)	.65- .70- .69
1870	Mass	190	2	M.	66-66-66	.75- .83- .79	1888	R. I	6	1	M.	(a)	.48- .48- .48
1871	Mass	190	1	M.	66-66-66	.83- .83- .83	1888	S. C	6	1	(a)	66-66-66	.20- .20- .20
1872	Mass	190	2	M.	66-66-66	.83- .83- .83	1888	Va	6	2	M.	(a)	.25- .75- .50
1873	Mass	190	2	M.	66-66-66	.83- .83- .83	1888	England	6	(a)	M.	(a)	.61- .61- .61
1874	Mass	190	1	M.	66-66-66	.40- .40- .40	1889	Conn	6	1	M.	60-60-60	.58- .58- .58
1875	Mass	190	2	M.	60-60-60	.50- .50- .50	1889	Me	6	2	M.	60-60-60	.45- .45- .45
1876	Mass	190	5	M.	60-60-60	.50- .80- .67	1889	Md	6	1	M.	(a)	.50- .50- .50
1877	Ga	8	3	M.	66-66-66	.45- .45- .45	1889	Mass	6	34	M.	f 60-60-60	.55-1.20- .85
1877	Mass	190	5	M.	60-60-60	.60- .80- .70	1889	Mass	6	2	F.	60-60-60	.44- .44- .44
1878	Mass	190	6	M.	60-60-60	.60- .80- .73	1889	Mass	190	3	M.	60-60-60	.60- .70- .65
1879	Mass	190	9	M.	60-60-60	.65- .70- .66	1889	Miss	6	1	(a)	(a)	.55- .55- .55
1880	Ga	7	3	M.	66-66-66	.67- .67- .67	1889	N. H	6	3	M.	60-60-60	.49- .70- .63
1880	Mass	190	7	M.	60-60-60	.65- .70- .66	1889	N. H	6	3	F.	60-60-60	.42- .42- .42
1881	Ga	7	1	M.	66-66-66	.25- .25- .25	1889	N. J	6	5	M.	60-60-60	.67- .83- .70
1881	Mass	190	6	M.	60-60-60	.65-1.00- .73	1889	N. Y	6	2	M.	(a)	.50- .50- .50
1881	N. H	7	1	F.	65-65-65	.60- .60- .60	1889	N. C	6	2	M.	60-60-60	.50- .50- .50
1882	Mass	190	5	M.	60-60-60	.65-1.00- .74	1889	Pa	6	2	M.	(a)	.82- .84- .83
1882	S. C	7	1	M.	66-66-66	.40- .40- .40	1889	R. I	6	5	M.	(a)	.85-1.05- .90
1883	Ga	7	4	M.	d 66-66-66	.35-1.00- .68	1889	Tenn	6	11	M.	b 66-66-66	.30- .50- .36
1883	Mass	190	7	M.	60-60-60	.65- .90- .74	1889	Va	6	2	M.	(a)	.15- .15- .15
1883	Mass	273	8	M.	(a)	.60- .69- .67	1889	Canada	471	(a)	M.	62-62-62	.78- .78- .78
1883	Mass	273	1	(a)	(a)	.60- .60- .60	1890	Ala	6	1	M.	67-67-67	.20- .20- .20
1884	La	7	3	M.	63-66-64	.50- .83- .64	1890	La	6	5	M.	(a)	.50- .75- .58
1884	Mass	190	5	M.	60-60-60	.70-1.00- .78	1890	Md	6	1	M.	(a)	1.25-1.25-1.25
1884	Tenn	7	2	M.	66-66-66	.35- .40- .38	1890	Mass	190	4	M.	60-60-60	.65- .95- .79
1885	Ga	1	1	M.	69-69-69	.65- .65- .65	1890	N. C	6	3	M.	d 72-72-72	.22- .50- .32
1885	Me	1	3	M.	66-66-66	.40- .60- .47	1890	Pa	6	1	M.	(a)	.75- .75- .75

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 10 persons not reported.
f Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAND BOYS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Tenn	6	2	M.	(a)	0.35-0.60-0.48	1895 La	7	7	M.	60-63-62	0.40-0.75-0.63
1890 Germany	6	(a)	M.	(a)	.60- .60- .60	1895 Mass	20	3	M.	58-58-58	.50- .60- .55
1891 Mass	190	5	M.	60-60-60	.75-1.00- .86	1895 N. H	7	6	M.	60-60-60	.60-1.00- .83
1892 Me	258	6	M.	60-60-60	.38-1.08- .86	1895 N. C	7	2	M.	66-66-66	.50- .50- .50
1892 Mass	20	5	M.	58-60-59	.65- .73- .67	1895 N. C	8	1	M.	69-69-69	.30- .30- .30
1892 Mass	190	1	M.	58-58-58	1.00-1.00-1.00	1895 S. C	8	1	M.	66-66-66	.20- .20- .20
1893 Mass	20	3	M.	58-58-58	.54- .67- .58	1895 Tenn	7	3	M.	66-66-66	.30- .65- .45
1894 Mass	20	2	M.	58-58-58	.50- .67- .59	1896 Ga	7	12	M.	63-66-66	.25- .83- .67
1894 N. C	8	3	M.	60-69-63	.35- .60- .43	1896 N. H	7	3	M.	60-60-60	.45- .50- .47
1894 S. C	8	1	M.	66-66-66	.20- .20- .20	1896 Pa	7	7	M.	57-60-59	.33- .75- .44
1895 Ga	7	3	M.	66-66-66	.25- .35- .32	1896 S. C	7	1	M.	66-66-66	.50- .50- .50
1895 Ga	8	3	M.	66-66-66	.40- .50- .43						

BANDERS, CIGARS.

1885 La	7	2	F.	55-55-55	.83- .83- .83	1891 N. Y	333	4	M.	(a)	1.00-1.50-1.13
1885 N. Y	330	2	F.	60-60-60	.83- .83- .83	1892 Ill	210	2	F.	52-52-52	.42- .42- .42
1887 N. Y	3	2	F.	48-57-53	.67-1.08- .88	1895 La	7	4	F.	55-55-55	.50-1.00- .73
1890 N. Y	333	8	M.	(a)	1.00-1.33-1.25	1895 N. Y	8	4	F.	60-60-60	.83- .83- .83

BANDERS, COLLARS AND CUFFS.

1888 N. Y	331	9	(a)	59-59-59	1.50-1.50-1.50	1891 N. Y	333	55	M.	(a)	1.33-1.50-1.47
1890 N. Y	333	15	M.	(a)	1.33-1.50-1.39	1893 Ireland	632	(a)	F.	(a)	.24- .28- —

BANDERS, GLOVES AND MITTENS.

1855 France	8	(a)	F.	66-66-66	.39- .39- .39	1891 N. Y	333	1	M.	(a)	2.50-2.50-2.50
1885 N. Y	330	1	F.	60-60-60	1.00-1.00-1.00	1895 N. Y	8	2	F.	60-60-60	.67-1.00- .84
1887 N. Y	3	2	F.	50-50-50	1.58-1.58-1.58						

BANDERS, HOSIERY AND KNIT GOODS.

1895 N. Y	8	2	M.	60-60-60	2.00-2.00-2.00	1896 Vt	7	1	F.	64-64-64	1.48-1.48-1.48
1895 Pa	8	1	F.	60-60-60	.67- .67- .67						

BANDERS, WORSTED GOODS.

1883 Mass	273	20	M.	(a)	.60-1.00- .75	1883 Mass	273	1	(a)	(a)	.60- .60- .60
1883 Mass	273	2	F.	(a)	1.00-1.10-1.05						

BAND MAKERS, CLOTHING.

1890 N. Y	333	6	M.	(a)	.83- .83- .83	1891 N. Y	333	32	M.	(a)	.83-1.50- .94

BAND ROLLERS, MATCHES.

1892 Russia	692	(a)	(a)	(a)	.06- .18- —	....	.....	....	....	...	.....	.....

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BAND TURNERS, NECKTIES.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.....	333	8	M.	(a)	0.58-1.00-0.84	1891 N. Y.....	333	8	M.	(a)	0.58-1.00-0.84

BANKERS, CARPETINGS.

1885 N. Y.....	1	30	M.	60-60-60	.70- .85- .78	1890 N. Y.....	333	16	M.	(a)	.55- .70- .66
1885 N. Y.....	1	23	F.	60-66-61	.50- .55- .53	1891 N. Y.....	333	17	M.	(a)	.55- .70- .67

BANKMEN, BRICK, TILE, AND SEWER PIPE.

1876 Pa	381	19	M.	(a)	1.70-1.70-1.70	1891 N. Y.....	333	62	M.	(a)	1.19-2.22-1.58
1883 Mass	273	6	M.	(a)	1.54-1.54-1.54	1893 Ohio	374	14	M.	36-60-50	1.50-2.10-1.89
1888 N. Y.....	331	3	M.	b60-60-60	1.75-2.00-1.83	1895 Ohio	376	4	M.	54-54-54	1.65-1.65-1.65
1890 N. Y.....	333	63	M.	(a)	1.19-2.22-1.62						

BANKMEN, COAL AND IRON MINING.

1840 England ..	625	(a)	M.	(a)	.61- .61- .61	1887 England ..	577	(a)	M.	60-60-60	1.04-1.04-1.04
1841 England ..	625	(a)	M.	(a)	.97- .97- .97	1888 Va	5	4	M.	(a)	1.25-1.75-1.53
1861 England ..	564	(a)	(a)	(a)	.99- .99- .99	1888 England ..	577	(a)	M.	66-66-66	1.10-1.10-1.10
1866 England ..	566	(a)	M.	72-72-72	1.22-1.22-1.22	1888 Germany .	5	(a)	M.	48-48-48	.44- .44- .44
(c) England ..	567	(a)	M.	(a)	.37-1.14- —	1889 Ala.....	5	6	M.	60-60-60	1.25-2.50-2.10
1871 England ..	577	(a)	M.	72-72-72	1.22-1.22-1.22	1889 Ill.....	5	5	M.	60-60-60	1.25-2.00-1.73
1872 England ..	577	(a)	M.	72-72-72	1.46-1.46-1.46	1889 Md.....	5	5	M.	60-60-60	1.56-2.50-1.75
1873 England ..	185	(a)	M.	(a)	d .48-1.98- —	1889 Mich	5	7	M.	60-60-60	1.51-1.60-1.56
1873 England ..	577	(a)	M.	60-60-60	1.87-1.87-1.87	1889 N. Y.....	5	40	M.	(a)	1.31-1.31-1.31
1874 England ..	185	(a)	M.	(a)	.72- .84- —	1889 Ohio	5	14	M.	54-60-59	1.10-2.00-1.81
1874 England ..	577	(a)	M.	60-60-60	1.74-1.74-1.74	1889 Pa.....	5	160	M.	60-60-60	1.10-2.25-1.13
1874 Wales	185	(a)	M.	(a)	.92-1.80- —	1889 Wis	5	1	M.	60-60-60	2.40-2.40-2.40
1875 England ..	577	(a)	M.	60-60-60	1.56-1.56-1.56	1889 Canada ...	5	(a)	M.	f 54-60 —	.50-1.75- —
1876 England ..	577	(a)	M.	60-60-60	1.36-1.36-1.36	1889 England ..	5	(a)	M.	48-72 —	.46-2.79- —
1877 England ..	570	(a)	M.	40-60 —	.31-1.07- —	1889 England ..	577	(a)	M.	66-66-66	1.31-1.31-1.31
1877 England ..	577	(a)	M.	60-60-60	1.36-1.36-1.36	1890 Ala.....	5	4	M.	60-60-60	1.25-1.25-1.25
1878 England ..	177	(a)	M.	(a)	.68- .90- —	1890 England ..	5	(a)	M.	(a)	1.39-1.39-1.39
1878 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1890 England ..	576	(a)	M.	63-63-63	1.37-1.37-1.37
1879 England ..	576	(a)	M.	60-69 —	1.01-1.01-1.01	1890 England ..	577	(a)	M.	66-66-66	1.51-1.54-1.54
1879 England ..	577	(a)	M.	60-60-60	1.16-1.16-1.16	1890 Germany .	632	(a)	M.	(a)	.45- .45- .45
1880 England ..	571	(a)	M.	54-54-54	.77- .97- —	1891 Belgium ..	457	(a)	M.	72-75 —	.52- .72- —
1880 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1891 Br. India ..	620	(a)	M.	(a)	.09½-.09½-.09½
1881 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1891 England ..	577	(a)	M.	66-66-66	1.55-1.55-1.55
1882 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1892 Australia .	114	(a)	M.	(a)	1.83-2.07- —
1883 England ..	43	(a)	(a)	(a)	1.05-1.05-1.05	1892 France....	505	(a)	M.	70-70-70	.58- .82- —
1883 England ..	577	(a)	M.	60-60-60	1.23-1.23-1.23	1892 France....	632	(a)	M.	48-48-48	g .72- .72- .72
1883 Wales	43	(a)	(a)	(a)	1.01-1.14- —	1893 Australia .	424	(a)	M.	48-48-48	1.70-2.07- —
1884 England ..	178	(a)	M.	e 48-48-48	.77- .85- —	1893 France....	120	(a)	M.	(a)	.68- .68- .68
1884 England ..	577	(a)	M.	60-60-60	1.22-1.22-1.22	1894 Australia .	425	(a)	(a)	(a)	1.34-2.31- —
1884 Scotland ..	178	(a)	M.	72-72-72	.73- .97- —	1894 Scotland ..	590	(a)	M.	(a)	.93- .97- —
1885 Gr't Brit ..	1	(a)	M.	54-54-54	.90- .90- .90	1895 Australia .	426	(a)	(a)	(a)	1.34-2.31- —
1885 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1895 Canada ...	187	(a)	M.	60-60-60	.90-1.03- —
1885 England ..	632	(a)	M.	(a)	.84- .84- .84	1896 Australia .	427	(a)	(a)	(a)	1.58-1.83- —
1886 England ..	577	(a)	M.	60-60-60	1.19-1.19-1.19	1897 Australia .	428	(a)	(a)	(a)	1.46-1.70- —
1886 England ..	602	(a)	M.	(a)	.73-1.21- —	1897 England ..	593	(a)	(a)	(a)	.73- .76- —
1886 Gr't Brit ..	602	(a)	M.	(a)	.77- .92- —	1898 Australia .	429	(a)	(a)	(a)	1.46-1.70- —
1886 Scotland ..	602	(a)	M.	(a)	.75- .77- —						

a Not reported.
b Not including hours of 1 person not reported.
c Average for 1867–68.
d And house.
e Applies to but 3 of the 5 wage quotations.
f Applies to but 25 of the 27 wage quotations.
g And coal.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BANK RIDERS, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 England ..	185	(a) M.	(a)	b0.88-1.29- —

BARBERS.

1860	Germany .	185	(a)	M.	(a)	.20- .20- .20	1884	Cuba.....	178	(a)	M.	59-59-59	1.07-1.93- —
1864	Germany .	185	(a)	M.	(a)	.12- .12- .12	1884	Ecuador ..	178	(a)	M.	60-60-60	1.33-2.00- —
1865	Germany .	177	(a)	M.	(a)	c.12- .12- .12	1884	France....	178	(a)	M.	k72-72-72	.58-1.00- —
1865	Germany .	185	(a)	M.	(a)	.08- .08- .08	1884	France....	178	(a)	M.	(a)	c.19- .39- —
1866	Germany .	177	(a)	M.	(a)	c.12- .12- .12	1884	Germany .	178	(a)	M.	l78-78-78	.60-1.19- —
1866	Germany .	185	(a)	M.	(a)	.08- .08- .08	1884	Germany .	178	(a)	M.	n60-60-60	d.15- .79- —
1867	Germany .	177	(a)	M.	(a)	c.12- .12- .12	1884	Germany .	556	(a)	(a)	90-105 —	c.14- .48- —
1867	Germany .	185	(a)	M.	(a)	.24- .24- .24	1884	Germany .	556	(a)	(a)	(o)	h.17- .40- —
1868	Germany .	177	(a)	M.	(a)	c.12- .12- .12	1884	Italy.....	178	(a)	M.	(a)	.52- .80- —
1868	Germany .	185	(a)	M.	(a)	.24- .24- .24	1884	Italy.....	178	(a)	M.	(a)	c.26- .33- —
1869	Germany .	609	(a)	M.	(a)	.12- .97- —	1884	Spain	178	(a)	M.	60-72—	.35-1.12- —
1869	Germany .	609	(a)	F.	(a)	.12- .49- —	1884	Turk. in A.	178	(a)	(a)	72-72-72	.20- .40- —
1869	Greece	609	(a)	(a)	(a)	.34- .69- —	1885	N.J	324	221	M.	60-84-64	1.00-2.33-1.69
1870	Germany .	177	(a)	M.	(a)	c.13- .13- .13	1885	Canada ...	467	(a)	M.	71-71-71	1.52-1.53- —
1870	Germany .	610	(a)	M.	72-72-72	.24- .73- —	1885	Germany .	547	(a)	M.	(a)	h.30- .48- —
1870	Switzerl'd.	610	(a)	M.	(a)	d.12- .22- —	1886	Cal.....	193	338	M.	p60-84-72	1.53-2.88-2.12
1870	Turk. in A.	610	(a)	M.	(a)	.23- .34- —	1886	Cal.....	193	6	M.	(a)	c2.00-2.00-2.00
1871	Aust-Hun .	611	(a)	M.	(a)	.30- .30- .30	1886	Ill.....	208	200	M.	q60-78-77	1.50-2.50-1.99
1871	Germany .	185	(a)	M.	(a)	.36- .36- .36	1886	Iowa	232	14	M.	r84-84-84	1.12-3.50-1.53
1871	Germany .	185	(a)	M.	(a)	d.10- .24- —	1886	Kans.....	240	2	M.	42-72-57	1.00-2.00-1.50
1872	Aust-Hun .	185	(a)	(a)	(a)	.30- .30- .30	1886	Kans.....	241	1	M.	(a)	1.00-1.00-1.00
1872	Germany .	177	(a)	M.	(a)	c.24- .24- .24	1886	N.J	325	1	M.	60-60-60	1.38-1.38-1.38
1873	Germany .	177	(a)	M.	(a)	.54- .54- .54	1886	N. Y.....	2	5	M.	84-84-84	2.33-2.33-2.33
1873	Germany .	177	(a)	M.	(a)	c.30- .30- .30	1886	Ohio	368	1	M.	(a)	2.88-2.88-2.88
1873	Sweden ...	167	(a)	M.	66-66-66	c.44- .44- .44	1886	Argentina	57	(a)	M.	(a)	.40-2.40- —
1873	Switzerl'd.	185	(a)	M.	(a)	.40- .40- .40	1886	Canada ...	468	(a)	M.	68-68-68	1.47-1.51- —
1873	Switzerl'd.	185	(a)	M.	(a)	d.18- .18- .18	1886	Germany .	548	(a)	(a)	(a)	.60-1.03- —
1874	Germany .	177	(a)	M.	(a)	.54- .54- .54	1886	Germany .	548	(a)	(a)	(a)	d.30- .48- —
1874	Germany .	177	(a)	M.	(a)	c.36- .36- .36	1886	Germany .	548	(a)	(a)	(a)	h.24- .48- —
1875	France....	177	(a)	(a)	(a)	.40- .90- —	1887	Kans.....	241	1	M.	84-84-84	1.50-1.50-1.50
1875	Germany .	177	(a)	M.	(a)	.54- .54- .54	1887	Me.....	253	2	M.	72-78-75	1.50-1.50-1.50
1875	Germany .	177	(a)	M.	(a)	c.36- .36- .36	1887	Ohio	369	97	M.	60-84-62	1.25-1.75-1.63
1876	Germany .	177	(a)	M.	(a)	.48- .48- .48	1887	Wis	409	2	M.	(a)	1.40-2.00-1.70
1877	Germany .	177	(a)	M.	(a)	.48- .48- .48	1887	Canada ...	469	(a)	M.	71-71-71	1.43-1.44- —
1878	France....	177	(a)	(a)	(a)	.60-1.00- —	1887	Germany .	557	(a)	(a)	(a)	.60- .83- —
1878	Germany .	177	(a)	M.	(a)	.48- .95- —	1887	Germany .	557	(a)	(a)	(a)	h.12- .48- —
1879	N.J	318	3	(a)	93-99-96	1.20-1.50-1.40	1888	Iowa	233	6	M.	81-84-84	1.90-2.00-1.92
1880	Germany .	546	(a)	M.	(a)	.28- .44- —	1888	Kans	242	6	M.	(a)	1.00-1.90-1.57
1882	N.J	321	18	M.	(a)	1.25-1.50-1.38	1888	Kans	243	2	M.	(a)	1.82-1.82-1.82
1882	Germany .	554	(a)	(a)	(a)	d.17- .48- —	1888	N.J	326	2	(a)	60-78-69	1.50-2.00-1.75
1883	Mich	277	28	M.	(a)	.75-2.35-1.61	1888	Aust-Hun .	447	(a)	M.	(a)	.07- .40- —
1883	N.J	322	220	M.	e 60-60-60	1.00-2.50-1.76	1888	Aust-Hun .	447	(a)	F.	(a)	.35- .35- .35
1883	Ohio	365	1	M.	91-91-91	2.17-2.17-2.17	1888	Canada ...	470	(a)	M.	69-69-69	1.61-1.61-1.61
1883	Ecuador ..	43	(a)	(a)	(a)	1.00-2.00- —	1888	Germany .	558	(a)	(a)	(a)	d.24- .48- —
1883	Germany .	47	(a)	M.	96-96-96	d.30- .30- .30	1888	Germany .	558	(a)	(a)	(a)	h.20- .71- —
1883	Germany .	555	(a)	(a)	(f)	c.48- .48- .48	1889	Kans	243	2	M.	(a)	1.37-1.37-1.37
1883	Germany .	555	(a)	(a)	(g)	h.17- .48- —	1889	Canada ...	471	(a)	M.	71-72 —	1.45-1.48- —
1884	Cal.....	192	84	M.	66-72-71	1.53-2.50-2.24	1889	China	88	(a)	(a)	(a)	.15- .15- .15
1884	Iowa	231	5	M.	48-72-62	1.33-2.50-1.97	1889	Germany .	550	(a)	M.	(a)	d.16- .40- —
1884	Mich.....	278	20	M.	(a)	.50-2.25-1.52	1889	Germany .	550	(a)	M.	96-96-96	h.28- .44- —
1884	N.J.	323	284	M.	i 72-78-73	1.17-3.50-1.68	1889	Germany .	550	(a)	M.	(a)	s.60- .75- —
1884	Aust-Hun .	178	(a)	M.	j 60-60-60	.42- .83- —	1889	Netherl'ds	516	(a)	(a)	(a)	.40- .54- —
1884	Canada ...	466	(a)	M.	60-70 —	1.50-1.55- —	1890	Kans	244	21	M.	(a)	1.40-2.50-1.91

a Not reported.
b And house.
c And board.
d And board and lodging.
e Not including hours of 140 persons not reported.
f 105-105-105 hours.
g 105-105-105 hours; applies to but 1 of the 2 wage quotations.
h And lodging and partial board.
i Not including hours of 213 persons not reported.
j Applies to but 2 of the 3 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 3 of the 5 wage quotations.
n Applies to but 3 of the 6 wage quotations.
o 105-105-105 hours; applies to but 1 of the 4 wage quotations.
p Not including hours of 25 persons not reported.
q Not including hours of 2 persons not reported.
r Not including hours of 7 persons not reported.
s And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BARBERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Minn	292	74 M.	(a)	1.35-2.50-2.11	1895 Australia	417	(a) (a)	(a)	0.61-1.22- —
1890 Nebr	313	4 M.	(a)	1.25-2.66-1.85	1895 China	136	(a) (a)	(a)	h.03- .03- .03
1891 Me	257	13 M.	72-84-75	1.33-2.00-1.72	1895 Spain	133	(a) M.	(a)	.50- .55- —
1891 China	105	(a) (a)	(a)	.12- .12- .12	1896 Ala	15	1 M.	(a)	1.67-1.67-1.67
1892 Cal	196	36 M.	(a)	1.42-3.33-2.58	1896 Colo	200	46 M.	72-72-72	2.50-2.50-2.50
1892 Iowa	235	87 M.	60-90-74	1.00-2.83-1.90	1896 Fla	15	3 M.	(a)	2.00-2.00-2.00
1892 Mo	301	63 M.	84-84-84	1.75-1.75-1.75	1896 Ga	15	4 M.	(a)	.29-2.50-1.36
1892 C. of G'd H.	486	(a) M.	(a)	b.84- .84- .84	1896 Ill	12	28 M.	d66-93-83	.50-2.92-1.31
1892 England	111	(a) (a)	75-75-75	1.13-1.82- —	1896 Kans	250	36 M.	54-90-75	.83-3.00-1.73
1892 Spain	115	(a) M.	(a)	.50- .55- —	1896 Tenn	15	4 M.	(a)	1.00-1.33-1.21
1893 Ill	10	50 M.	56-104-79	.67-3.00-1.87	1896 France	510	(a) (a)	(a)	.67- .74- —
1893 Md	10	51 M.	60-96-76	.50-3.33-1.61	1896 Germany	560	(a) M.	84-84-84	.79- .79- .79
1893 Md	10	1 M.	75-75-75	c.50- .50- .50	1896 Madagas	184	(a) M.	(a)	.19-1.11- —
1893 Mo	302	1400 M.	90-90-90	1.50-3.00-1.69	1897 Conn	204	1 M.	86-86-86	2.25-2.25-2.25
1893 Mont	307	16 M.	d63-72-66	2.50-5.00-3.51	1897 Kans	251	12 M.	63-93-79	.69-2.90-1.75
1893 Mont	307	1 M.	66-66-66	b3.00-3.00-3.00	1897 Mich	289	121 M.	(a)	1.57-1.57-1.57
1893 N. Y	10	181 M.	(e)	.17-4.17-1.53	1897 Mich	289	92 (a)	(a)	1.50-2.00-1.73
1893 N. Y	10	11 M.	86-98-91	c.42-1.17- .87	1897 N. Y	337	541 M.	i63-78-73	1.00-3.33-1.75
1893 Pa	10	43 M.	60-105-81	.50-5.00-1.82	1897 Australia	418	(a) (a)	(a)	.61-1.22- —
1893 Pa	10	3 M.	72-93-82	c.83-1.00- .89	1898 Kans	252	26 (a)	g60-90-80	1.17-2.67-1.72
1893 Pa	10	1 M.	95-95-95	f1.63-1.63-1.63	1898 Mich	290	128 M.	(a)	1.25-2.00-1.69
1893 Australia	415	(a) (a)	(a)	f.61-1.22- —	1898 Nebr	314	177 (a)	j54-84-69	.18-3.50-1.67
1893 Aust-Hun	448	(a) M.	81-81-81	.27- .61- —	1898 N. Y	338	805 M.	k66-92-75	1.00-2.50-1.62
1893 Aust-Hun	448	(a) M.	81-81-81	b.10- .41- —	1898 Va	404	7 (a)	72-72-72	1.67-1.67-1.67
1894 Iowa	236	20 M.	60-96-73	1.17-2.75-1.96	1898 Australia	419	(a) (a)	(a)	1.82-2.03- —
1894 Kans	248	87 M.	73-73-73	1.54-1.54-1.54	1898 Australia	419	(a) (a)	(a)	c.81- .81- .81
1894 N. H	316	6 M.	g60-80-72	1.67-2.50-2.11	1898 Denmark	493	(a) M.	(a)	.69- .94- —
1894 Ohio	374	3 M.	(a)	1.50-1.67-1.61	1898 Germany	151	(a) (a)	(a)	.79- .99- —
1894 Canada	187	(a) M.	60-60-60	1.67-1.67-1.67	1899 N. C	353	1 M.	(a)	.75- .75- .75
1895 Kans	249	33 M.	60-96-75	.50-2.17-1.73					

BARGE BUILDERS.

1885 England	575	(a) M.	57-59 —	1.62-1.62-1.62	1892 Gr't Brit	577	(a) M.	54-54-54	1.55-1.64- —
1891 England	576	(a) M.	l54-54-54	1.55-1.64- —	1893 England	578	(a) M.	54-54-54	1.55-1.64- —
1892 England	577	(a) M.	57-57-57	1.34-1.34-1.34	1897 England	593	(a) (a)	(a)	1.64-1.70- —

BARGEMEN.

1884 Colombia	178	(a) (a)	(a)	.99- .99- .99	1895 Australia	585	(a) M.	(a)	1.31-1.49- —
1884 England	178	(a) M.	48-48-48	1.22-1.22-1.22	1896 Russia	184	(a) M.	(a)	.47- .47- .47
1884 Italy	178	(a) M.	(a)	.38- .77- —					

BAR HANDLERS, IRON AND STEEL.

1889 Belgium	5	(a) M.	(a)	.56- .71- —					

BARKERS, LOGS.

1888 N. Y	331	5 M.	66-66-66	1.38-1.38-1.38	1893 France	507	(a) (a)	(a)	.39- .53- —
1889 Portugal	691	(a) (a)	(a)	.97- .97- .97	1895 Tenn	8	2 M.	60-60-60	1.00-1.00-1.00
1892 Australia	424	(a) M.	(a)	1.82-1.82-1.82	1896 France	510	(a) (a)	n78-78-78	.39- .77- —

a Not reported.
b And board and lodging.
c And board.
d Not including hours of 5 persons not reported.
e 56–112–82 hours; not including hours of 2 persons not reported.
f And found.
g Not including hours of 1 person not reported.
h And food.
i Not including hours of 106 persons not reported.
j Not including hours of 2 persons not reported.
k Not including hours of 82 persons not reported.
l Applies to but 1 of the 2 wage quotations.
n Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BARK GRINDERS, TANNERY.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1834 Conn	8	5 M.	72-72-72	1.00-1.00-1.00	1882 Mass	190	2 M.	60-60-60	1.34-1.34-1.34
1857 Mass	190	2 M.	66-66-66	.84- .84- .84	1882 Ohio	364	15 (a)	c60-60-60	1.00-1.50-1.28
1858 Mass	190	2 M.	66-66-66	1.00-1.00-1.00	1883 Mass	190	6 M.	60-60-60	1.34-1.67-1.56
1859 Mass	190	2 M.	66-66-66	1.34-1.34-1.34	1884 Mass	190	6 M.	60-60-60	1.50-1.67-1.53
1860 Mass	190	2 M.	66-66-66	1.50-1.50-1.50	1884 Mich	278	1 M.	(a)	1.25-1.25-1.25
1861 Mass	190	2 M.	60-60-60	1.67-1.67-1.67	1885 Cal	1	3 M.	60-60-60	1.20-2.00-1.73
1862 Mass	190	2 M.	60-60-60	1.67-1.67-1.67	1885 Mass	190	6 M.	60-60-60	1.50-1.67-1.53
1863 Mass	190	2 M.	60-60-60	2.00-2.00-2.00	1886 Mass	190	7 M.	60-60-60	1.67-2.00-1.81
1864 Mass	190	2 M.	60-60-60	2.17-2.17-2.17	1887 Mass	190	9 M.	60-60-60	1.34-1.67-1.50
1865 Mass	190	2 M.	60-60-60	2.17-2.17-2.17	1887 Wis	409	1 M.	(a)	1.38-1.38-1.38
1866 Mass	8	2 M.	60-60-60	1.67-1.67-1.67	1888 Mass	190	9 M.	60-60-60	1.34-1.50-1.48
1866 Mass	190	2 M.	60-60-60	2.17-2.17-2.17	1888 N. Y	331	3 M.	54-59-57	1.13-1.50-1.25
1867 Mass	190	2 M.	60-60-60	2.00-2.17-2.09	1888 Canada	470	(a) M.	60-60-60	.95- .95- .95
1868 Mass	190	2 M.	60-60-60	2.00-2.00-2.00	1889 Mass	190	9 M.	60-60-60	1.34-1.50-1.48
1869 Mass	190	2 M.	60-60-60	2.00-2.00-2.00	1889 Canada	471	(a) M.	60-60-60	1.04-1.04-1.04
1870 Mass	190	2 M.	60-60-60	1.67-2.00-1.84	1890 Mass	190	8 M.	60-60-60	1.34-1.67-1.50
1871 Mass	190	4 M.	60-60-60	1.67-1.84-1.79	1890 N. Y	333	15 M.	(a)	1.00-1.50-1.32
1872 Mass	190	4 M.	60-60-60	1.67-1.84-1.79	1890 Netherl'ds	666	(a) M.	(a)	.50- .87- —
1873 Mass	190	4 M.	60-60-60	1.84-1.84-1.84	1891 Mass	190	8 M.	60-60-60	1.50-1.67-1.60
1874 Mass	190	4 M.	60-60-60	1.67-1.84-1.75	1891 N. Y	333	16 M.	(a)	1.00-1.50-1.37
1874 Canada	185	(a) M.	59-59-59	.75- .75- .75	1892 France	505	(a) M.	69-69-69	.77- .77- .77
1875 Mass	190	5 M.	60-60-60	1.34-1.50-1.43	1892 France	505	(a) M.	81-81-81	d.43- .53- —
1876 Mass	190	2 M.	60-60-60	1.50-1.50-1.50	1893 Ohio	374	1 M.	54-54-54	1.50-1.50-1.50
1877 Mass	190	2 M.	60-60-60	1.50-1.50-1.50	1894 N. Y	8	6 M.	60-60-60	1.25-1.50-1.33
1878 Mass	190	2 M.	60-60-60	1.50-1.67-1.59	1894 N. C	8	1 M.	60-60-60	.35- .35- .35
1878 Pa	383	3 M.	60-60-60	1.00-1.16-1.05	1894 Ohio	375	1 M.	54-54-54	1.50-1.50-1.50
1879 Mass	190	2 M.	60-60-60	1.17-1.50-1.34	1895 Ohio	376	2 M.	54-60-57	1.35-1.50-1.43
1879 Pa	384	15 (a)	b60-72-61	.25-1.80-1.03	1896 Mass	8	2 M	60-60-60	1.58-2.17-1.88
1880 Mass	190	2 M.	60-60-60	1.34-1.67-1.51	1896 Ohio	377	16 M.	54-54-54	1.36-1.36-1.36
1881 Mass	190	2 M.	60-60-60	1.34-1.50-1.42					

BARK PILERS, TANNERY.

1890 N. Y	333	22	M.	(a)	1.00-1.25-1.22	1891 N. Y	333	24	M.	(a)	1.00-1.50-1.24

BARMAIDS.

1884 Australia	178	(a)	F.	(a)	.61-1.01- —	1893 Pa	10	1	F.	72-72-72	1.67-1.67-1.67
1884 England	178	(a)	F.	e63-63-63	.22- .61- —	1893 Australia	134	(a)	F.	(a)	f.61-1.01- —
1884 England	178	(a)	F.	(a)	f.33- .61- —	1893 England	632	(a)	F.	g18-84 —	.04- .81- —
1884 Netherl'ds	178	(a)	F.	(a)	f.38- .38- .38	1893 England	632	(a)	F.	h47-97 —	i.24- .93- —
1884 Scotland	178	(a)	F.	60-60-60	.56- .56- .56	1893 England	632	(a)	F.	j62-71 —	k .25- .47- —
1885 Australia	175	(a)	F.	(a)	f.61-1.01- —	1893 England	632	(a)	F.	68-68 68	l .31- .47- —
1888 Australia	83	(a)	F.	(a)	f.42- .62- —	1893 England	632	(a)	F.	83-100 —	m.19- .40- —
1888 Aust-Hun	447	(a)	F.	(a)	.03- .35- —	1893 England	632	(a)	F.	n43-70 —	o .24-1.14- —
1889 Australia	422	(a)	F.	(a)	f.81-1.22- —	1894 Australia	425	(a)	F.	(a)	f.61-1.01- —
1890 Australia	423	(a)	F.	(a)	f.81-1.22- —	1894 C.of G'd H.	487	(a)	F.	60-72 —	f.23-1.87- —
1892 Australia	424	(a)	F.	(a)	f.61- .81- —	1895 Australia	426	(a)	F.	(a)	f.61-1.01- —
1892 C.of G'd H.	486	(a)	F.	(a)	.56- .56- .56	1896 Australia	427	(a)	F.	(a)	f.61- .91- —
1892 C.of G'd H.	486	(a)	F.	(a)	f2.24-2.24-2.24	1897 Australia	428	(a)	F.	(a)	f.49- .91- —
1893 Md	10	1	F.	84-84-84	1.67-1.67-1.67	1898 Australia	429	(a)	F.	(a)	f.61-1.01- —

BARMEN, ICE.

1891 Me	257	8	M.	60-60-60	1.50-1.75-1.71	....	.....	....	....	...	.....	.....

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 1 person not reported.
d And lodging.
e Applies to but 2 of the 5 wage quotations.
f And board and lodging.
g Applies to but 21 of the 23 wage quotations.
h Applies to but 36 of the 47 wage quotations.
i And board.
j Applies to but 4 of the 5 wage quotations.
k And board, lodging, and washing.
l And board, lodging, washing, and doctor.
m And found.
n Applies to but 42 of the 45 wage quotations.
o And partial board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BARREL HANDS, LIME, CEMENT, AND PLASTER.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y.	333	4	M.	(a)	0.75-0.80-0.76
1891	N. Y.	333	4	M.	(a)	0.75-0.80-0.76

BARREL HEADERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	Ohio	359	6	M.	(a)	1.00-1.25-1.11
1894	Ohio	375	1	M.	48-48-48	1.25-1.25-1.25

BARREL MEN, ILLUMINATING GAS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1863	N. Y.	190	1	M.	72-72-72	1.75-1.75-1.75
1864	N. Y.	190	1	M.	72-72-72	1.75-1.75-1.75
1865	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1866	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1867	N. Y.	190	1	M.	72-72-72	2.25-2.25.2.25
1868	N. Y.	190	1	M.	72-72-72	2.35-2.35-2.35
1869	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1870	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1871	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1872	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1873	N. Y.	190	1	M.	72-72-72	3.50-3.50-3.50
1874	N. Y.	190	1	M.	72-72-72	3.00-3.00-3.00
1875	N. Y.	190	1	M.	72-72-72	2.75-2.75-2.75
1876	N. Y.	190	1	M.	72-72-72	2.75-2.75-2.75
1877	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1878	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1879	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1880	N. Y.	190	1	M.	72-72-72	2.00-2.00-2.00
1881	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1882	N. Y.	190	1	M.	72-72-72	2.25-2.25-2.25
1883	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1884	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1885	N. Y.	190	1	M.	72-72-42	2.50-2.50-2.50
1886	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1887	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1888	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1889	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1890	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50
1891	N. Y.	190	1	M.	72-72-72	2.50-2.50-2.50

BARREL NAILERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	Ohio	359	2	M.	(a)	.40- .50- .45
1885	Ill.	1	3	M.	60-72-64	1.00-1.33-1.11
1885	Mich	279	2	M.	66-66-66	1.00-1.00-1.00
1885	Mo	1	2	M.	72-72-72	1.65-1.65-1.65
1885	Ohio	1	4	M.	72-72-72	1.00-1.00-1.00
1888	N. Y.	331	3	M.	60-60-60	.50-1.75-1.33
1890	N. Y.	333	3	M.	(a)	.50-1.00- .83
1891	N. Y.	333	2	M.	(a)	.50-1.00- .75
1893	Ohio	374	2	M.	48-48-48	1.20-1.20-1.20
1894	Ohio	375	1	M.	60-60-60	.50- .50- .50
1895	Ohio	376	3	M.	(a)	1.50-1.50-1.50
1896	Ohio	377	5	M.	b66-66-66	1.50-1.50-1.50
1898	Iowa	18	3	(a)	(a)	1.60-1.60-1.60

BARREL STEAMERS, BREWERY.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	Russia	692	(a)	(a)	(a)	.26- .50- —

BARRERS, BOOTS AND SHOES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	N. J	325	13	F.	60-60-60	.42-1.33- .94
1886	N. Y.	3	1	F.	53-53-53	1.21-1.21-1.21
1887	Minn	3	1	F.	60-60-60	.50- .50- .50
1887	N. Y.	3	2	F.	53-53-53	.67-1.00- .84
1891	Me	257	1	F.	60-60-60	1.20-1.20-1.20
1891	Me	257	4	(a)	(a)	1.47-2.00-1.60
1892	Ill	210	2	F.	56-56-56	.49- .94- .72
1892	Me	258	6	F.	(a)	.50-1.25- .97
1893	N. J	327	1	F.	(a)	.58- .58- .58
1894	N. Y.	8	1	F.	60-60-60	.83- .83- .83
1895	Mass	8	2	F.	60-60-60	1.25-1.25-1.25

BARROW MEN, MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Aust-Hun.	178	(a)	M.	60-66 —	.16- .36- —
1891	Belgium ..	457	(a)	M.	c54-84 —	.21- .94- —
1891	Belgium ..	457	(a)	F.	d66-84 —	.19- .58- —

a Not reported.
b Not including hours of 4 persons not reported.
c Applies to but 65 of the 90 wage quotations.
d Applies to but 24 of the 29 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BARTENDERS.

Year	State or country	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1878	Canada	177	(a) M.	(a)	0.77-1.34- —
1878	Canada	177	(a) M.	(a)	b1.00-1.00-1.00
1880	N. J	319	2 (a)	80-92-86	1.25-1.50-1.38
1882	Mo	294	5 M.	84-102-90	b .77-1.92-1.34
1883	Mich	277	14 M.	(a)	.85-2.50-1.50
1884	Mich	278	11 M.	(a)	.65-2.75-1.46
1884	N. J	323	2 M.	90-96-93	1.00-1.50-1.25
1884	Australia	178	(a) M.	(a)	1.22-1.82- —
1884	Canada	466	(a) M.	72-72-72	b1.07-1.07-1.07
1884	England	178	(a) M.	63-63-63	.53-2.03- —
1884	Italy	178	(a) M.	(a)	.50- .60- —
1884	Netherl'ds	178	(a) M.	(a)	b .77- .77- .77
1885	N. J	324	1 M.	(a)	1.17-1.17-1.17
1885	Australia	175	(a) M.	(a)	c1.22-1.82- —
1885	Canada	467	(a) M.	73-74 —	b1.10-1.11- —
1886	Canada	468	(a) M.	80-80-80	b1.33-1.33-1.33
1886	C. of G'd H.	483	(a) (a)	(a)	.75- .75- .75
1886	Gr't Brit	604	(a) M.	(a)	d .83-1.12- —
1888	N. Y.	331	10 M.	60-92-68	1.34-2.83-2.15
1888	Australia	83	(a) M.	(a)	c .71- .83- —
1888	Canada	470	(a) M.	71-71-71	1.33-1.33-1.33
1888	C. of G'd H.	484	(a) M.	(a)	.65- .75- —
1888	C. of G'd H.	484	(a) M.	(a)	b .24- .93- —
1889	Australia	422	(a) M.	(a)	c .81-1.62- —
1890	Australia	423	(a) M.	(a)	c .81-1.62- —
1890	C. of G'd H.	484	(a) M.	(a)	.65-1.87- —
1890	C. of G'd H.	484	(a) M.	(a)	b .56- .75- —
1892	Cal.	196	2 M.	54-57-56	2.33-2.33-2.33
1892	Australia	424	(a) M.	(a)	c .81-1.62- —
1892	C. of G'd H.	486	(a) M.	(a)	.37- .93- —
1892	C. of G'd H.	486	(a) M.	(a)	b .37-2.80- —
1893	Ill.	10	70 M.	48-112-80	1.00-3.33-2.16
1893	Ill.	10	8 M.	60-78-73	b1.25-2.83-1.80
1893	Md.	10	48 M.	36-108-79	.50-4.17-1.64
1893	Md.	10	2 M.	60-72-66	b .83-1.00- .92
1893	Mont.	307	15 M.	e 54-66-60	2.88-5.00-3.77
1893	Mont.	307	7 M.	f 66-69-68	c1.50-3.45-2.19
1893	N. Y.	10	80 M.	(g)	.58-3.33-1.78
1893	N. Y.	10	2 M.	60-78-69	b .96-1.15-1.06
1893	Ohio	374	3 M.	60-60-60	1.50-1.66-1.61
1893	Pa	10	39 M.	(h)	.83-3.33-1.95
1893	Pa	10	5 M.	i 60-72-64	b .50-1.67-1.20
1893	Australia	134	(a) M.	(a)	c1.22-1.62- —
1894	Ohio	374	6 M.	(a)	1.42-2.50-2.04
1894	Ohio	375	8 M.	j 54-60-59	1.00-2.16-1.56
1894	Australia	425	(a) M.	(a)	c .61-1.22- —
1894	C. of G'd H.	487	(a) M.	54-72 —	c .28-1.12- —
1895	Ohio	376	4 M.	54-60-59	1.15-1.66-1.38
1895	Australia	426	(a) M.	(a)	c .61-1.22- —
1896	Colo	200	75 M.	66-66-66	2.50-2.50-2.50
1896	Ill	12	1 M.	(a)	1.25-1.25-1.25
1896	Kans.	250	1 M.	66-66-66	1.50-1.50-1.50
1896	N. Y.	536	39 M.	(a)	.63-2.50-1.78
1896	Ohio	377	7 M.	j 60-72-64	1.16-1.67-1.33
1896	Australia	427	(a) M.	(a)	c .61-1.01- —
1897	N. Y.	337	298 M.	k 60-60-60	1.31-3.00-2.30
1897	Australia	418	(a) (a)	(a)	.81-1.22- —
1897	Australia	428	(a) M.	(a)	c .61-1.01- —
1898	N. Y.	338	272 M.	l 72-72-72	1.50-3.00-2.44
1898	Australia	419	(a) (a)	(a)	.81-1.22- —
1898	Australia	419	(a) (a)	(a)	m .81- .81- .81
1898	Australia	429	(a) M.	(a)	c .61-1.01- —

BASIN HANDS, IRON AND STEEL.

1893	Germany	128	(a) M.	(a)	.70-1.02- —	....

BASKET BOYS, SLAUGHTERING AND MEAT PACKING.

1856	Ireland	562	(a) M.	(a)	.24- .37- —	(n)	Ireland	562	(a) M.	(a)	.32- .45- —

BASKETMAKERS.

1853	France	113	(a) M.	(a)	.35- .72- —	1870	Germany	610	(a) M.	60-60-60	c .61- .81- —
1860	Germany	185	(a) M.	(a)	.30- .30- .30	1870	Netherl'ds	610	(a) M.	66-66-66	.32- .32- .32
1864	Germany	185	(a) M.	(a)	.42- .42- .42	1871	England	185	(a) (a)	(a)	.61- .81- —
1864	Germany	610	(a) M.	(a)	.49- .71- —	1871	France	712	(a) M.	(a)	.48- .77- —
1865	Germany	185	(a) M.	(a)	.32- .32- .32	1871	Germany	185	(a) M.	(a)	.18- .51- —
1866	Germany	185	(a) M.	(a)	.32- .32- .32	1871	Germany	185	(a) M.	(a)	c .18- .30- —
1867	Germany	185	(a) M.	(a)	.36- .36- .36	1872	Germany	185	(a) (a)	72-72-72	.66- .66- .66
1868	Germany	185	(a) M.	(a)	.36- .36- .36	1873	Germany	177	(a) M.	(a)	.58- .58- .58
1869	Germany	609	(a) M.	(a)	.24- .61- —	1873	Sweden	167	(a) M.	60-60-60	.34- .80- —
1870	Ohio	7	4 M.	(a)	.92-1.06- .99	1874	Germany	177	(a) M.	(a)	.56- .56- .56
1870	Ohio	7	2 F.	(a)	.72- .86- .79	1874	Scotland	177	(a) M.	51-51-51	1.00-1.17- —
1870	Germany	610	(a) M.	72-72-72	.24- .61- —	1875	France	496	(a) M.	(a)	.44- .97- —

a Not reported.
b And board.
c And board and lodging.
d And food.
e Not including hours of 4 persons not reported.
f Not including hours of 3 persons not reported.
g 60-108-80 hours; not including hours of 1 person not reported.
h 30-108-77 hours; not including hours of 1 person not reported.
i Not including hours of 2 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 252 persons not reported.
l Not including hours of 105 persons not reported.
m And found.
n Average for 1857–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BASKETMAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Germany	177	(a) M.	(a)	0.54-0.54-0.54
1875 Scotland	177	(a) M.	51-51-51	1.00-1.17- —
1876 France	497	(a) M.	(a)	.44- .97- —
1876 Germany	177	(a) M.	(a)	.49- .49- .49
1876 Scotland	177	(a) M.	51-51-51	1.00-1.17- —
1877 Germany	177	(a) M.	(a)	.49- .49- .49
1877 Scotland	177	(a) M.	51-51-51	1.00-1.17- —
1878 Belgium	177	(a) M.	(a)	.36- .76- —
1878 Denmark	177	(a) M.	(a)	.63- .63- .63
1878 Denmark	177	(a) F.	(a)	.31- .31- .31
1878 France	498	(a) M.	(a)	.44- .97- —
1878 Germany	177	(a) M.	(a)	.49- .49- .49
1878 Scotland	177	(a) M.	51-51-51	1.00-1.17- —
1879 N. J	318	1 (a)	72-72-72	.45- .45- .45
1879 Ohio	361	1 M.	(a)	1.50-1.50-1.50
1879 France	499	(a) M.	(a)	.44- .97- —
1880 France	500	(a) M.	(a)	.46- .97- —
1881 France	501	(a) M.	(a)	.46- .97- —
1882 N. Y	3	1 F.	(a)	.42- .42- .42
1882 France	502	(a) M.	(a)	.47- .97- —
1883 Mich	277	11 M.	(a)	1.00-2.50-1.53
1883 France	503	(a) M.	(a)	.47- .97- —
1883 Germany	47	(a) M.	78-78-78	.71- .71- .71
1883 Germany	555	(a) (a)	b 60-60-60	.32- .79- —
1884 Mich	278	19 M.	(a)	.35-1.50- .78
1884 N. J	323	4 M.	60-60-60	1.10-1.10-1.10
1884 Aust-Hun	178	(a) M.	c 60-60-60	.32- .67- —
1884 Belgium	178	(a) M.	60-60-60	.58- .58- .58
1884 England	178	(a) M.	54-54-54	1.22-1.62- —
1884 France	178	(a) M.	d 60-60-60	.48- .97- —
1884 France	178	(a) F.	(a)	.24- .24- .24
1884 France	178	(a) (a)	(a)	.10- .10- .10
1884 France	504	(a) M.	(a)	.48- .97- —
1884 Germany	178	(a) M.	e 60-72 —	.18- .74- —
1884 Germany	178	(a) M.	(a)	f .24- .24- .24
1884 Germany	556	(a) (a)	60-60-60	.32- .71- —
1884 Germany	556	(a) (a)	60-60-60	g .12- .48- —
1884 Italy	178	(a) M.	(a)	.24- .29- —
1884 Netherl'ds	184	(a) (a)	(a)	h .06- .06- .06
1885 N. Y	330	21 F.	(a)	.67-1.00- .95
1885 Va	7	30 F.	60-60-60	.58- .83- .69
1885 France	494	(a) M.	(a)	.58- .87- —
1885 Germany	71	(a) M.	72-72-72	.48- .48- .48
1885 Germany	547	(a) M.	(a)	.40- .60- —
1886 Cal	193	3 M.	60-60-60	2.00-2.00-2.00
1886 Mo	3	7 F.	53-53-53	.58-1.17- .77
1886 Argentina	57	(a) (a)	(a)	.80-2.00- —
1886 France	495	(a) M.	(a)	.57- .87- —
1886 Germany	548	(a) (a)	(a)	.36- .71- —
1887 Cal	3	7 F.	60-60-60	.67- .92- .80
1887 Ill	3	1 F.	59-59-59	1.33-1.33-1.33
1887 Ohio	369	43 M.	54-60-59	1.00-2.25-2.10
1887 Ohio	369	10 F.	54-60-55	1.50-2.25-1.65
1887 Wis	409	39 (a)	(a)	1.83-1.83-1.83
1887 France	495	(a) M.	(a)	.57- .87- —
1887 Germany	557	(a) (a)	60-66 —	.28- .71- —
1888 Cal	194	9 F.	60-60-60	.67- .92- .81
1888 N. Y	331	6 M.	57-70-60	1.00-1.25-1.04
1888 Canada	470	(a) M.	51-60 —	.52-1.38- —
1888 Germany	558	(a) (a)	60-72 —	.32-1.19- —
1889 Australia	422	(a) (a)	48-48-48	1.62-2.03- —
1889 Germany	514	(a) (a)	72-72-72	0.48-0.48-0.48
1889 Germany	550	(a) M.	(a)	.36- .79- —
1889 Portugal	691	(a) (a)	(a)	.06½-1.08- —
1890 N. Y	333	175 M.	(a)	.34-1.17-1.13
1890 N. Y	333	19 F.	(a)	.44- .44- .44
1890 Australia	423	(a) (a)	48-48-48	1.62-2.03- —
1890 Netherl'ds	666	(a) M.	(a)	.47-1.14- —
1890 Netherl'ds	666	(a) F.	(a)	.44- .57- —
1891 N. Y	333	3 M.	(a)	.75-2.00-1.25
1891 N. Y	333	20 F.	(a)	.44- .44- .44
1891 Ohio	372	22 M.	54-54-54	.60-1.35- .67
1891 France	505	(a) M.	60-60-60	1.16-1.16-1.16
1891 France	522	(a) M.	(a)	.57- .57- .57
1891 Germany	11	(a) (a)	(a)	.57- .57- .57
1891 Scotland	576	(a) M.	56-56-56	1.30-1.30-1.30
1892 Cal	196	26 M.	60-60-60	.58-4.00-1.71
1892 Cal	196	1 F.	60-60-60	1.00-1.00-1.00
1892 Australia	424	(a) (a)	(a)	1.42-1.62- —
1892 C. of G'd H.	486	(a) M.	(a)	.41-1.42- —
1892 Denmark	595	(a) M.	(a)	.67- .67- .67
1892 England	577	(a) M.	i 56-78 —	.49-2.01- —
1892 England	632	(a) M.	(a)	1.22-1.22-1.22
1892 France	505	(a) M.	63-63-63	.72- .87- —
1892 France	505	(a) M.	60-60-60	j .48-1.35- —
1892 Scotland	577	(a) M.	56-56-56	1.30-1.30-1.30
1892 Scotland	632	(a) (a)	60-60-60	.81-1.22- —
1893 Md	10	3 M.	58-60-59	1.67-4.17-2.50
1893 N. Y	10	2 M.	k 48-48-48	1.17-2.00-1.59
1893 Ohio	374	22 M.	54-60-59	.67-1.50-1.34
1893 Ohio	374	15 F.	48-48-48	.60- .60- .60
1893 Pa	10	1 M.	60-60-60	1.67-1.67-1.67
1893 France	507	(a) (a)	60-78 —	.48- .77- —
1893 Russia	632	(a) (a)	(a)	.12- .28- —
1894 Ind	228	1 M.	60-60-60	1.25-1.25-1.25
1894 Iowa	236	2 M.	54-60-57	.58- .58- .58
1894 N. H	316	1 M.	59-59-59	1.58-1.58-1.58
1894 Ohio	375	16 M.	48-48-48	1.25-1.25-1.25
1894 Ohio	375	14 F.	48-48-48	.60- .60- .60
1894 Australia	425	(a) (a)	(a)	1.46-1.62- —
1894 Aust-Hun	434	(a) M.	(a)	.41- .41- .41
1894 C. of G'd H.	487	(a) (a)	(a)	1.01-1.01-1.01
1894 Netherl'ds	184	(a) (a)	(a)	h .06- .06- .06
1895 N. C	8	1 M.	60-60-60	.40- .40- .40
1895 Ohio	376	12 M.	48-48-48	1.25-1.25-1.25
1895 Ohio	376	12 F.	48-48-48	.65- .65- .65
1895 Va	7	50 F.	60-60-60	.50- .75- .71
1895 Australia	426	(a) (a)	(a)	1.46-1.62- —
1895 England	585	(a) M.	(a)	.97-1.02- —
1896 Ohio	7	3 M.	60-60-60	.48- .70- .60
1896 Ohio	7	4 F.	60-60-60	.58- .78- .68
1896 Ohio	377	12 M.	48-48-48	1.25-1.25-1.25
1896 Australia	427	(a) (a)	(a)	1.01-1.22- —
1896 England	586	(a) M.	(a)	.63- .67- —
1896 France	505	(a) M.	60-72 —	.68- .87- —
1896 France	510	(a) (a)	72-72-72	.72- .72- .72
1896 Germany	560	(a) M.	60-60-60	.71- .71- .71
1897 Australia	428	(a) (a)	(a)	.81-1.62- —
1898 Mich	290	19 M.	(a)	1.45-1.45-1.45
1898 Australia	429	(a) (a)	(a)	.81-1.62- —
1898 Belgium	454	(a) (a)	(a)	.58- .97- —
1898 Denmark	493	(a) M.	60-60-60	.80- .80- .80

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Applies to but 2 of the 3 wage quotations.
d Applies to but 4 of the 6 wage quotations.
e Applies to but 13 of the 16 wage quotations.
f And board.
g And board and lodging.
h Per hour.
i Applies to but 3 of the 7 wage quotations.
j And *gratifications*.
k Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the rep orts referred to under "Report number," see pages 21 to 32.]

BASTERS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England	629	(a) F.	(a)	0.25-6.49- —
1872 Mass	268	5806 F.	(a)	.25-1.33- .78
1880 Pa	7	3 F.	60-60-60	.42- .42- .42
1883 Mass	273	14 M.	(a)	1.67-3.00-2.19
1883 Mass	273	269 F.	(a)	.67-2.33-1.13
1883 N. C	7	1 F.	60-60-60	.50- .50- .50
1884 N. J	323	25 M.	60-60-60	.75- .75- .75
1884 N. J	323	5 F.	60-60-60	1.00-1.00-1.00
1884 Germany	556	(a) (a)	66-66-66	1.19-1.79- —
1885 N. J	7	23 F.	b 40-58-46	.33-1.17- .71
1885 N. Y	7	33 M.	(a)	2.08-3.05-2.55
1885 N. Y	7	22 F.	55-60-59	1.00-2.05-1.33
1886 Ill	208	135 (a)	54-54-54	1.83-1.83-1.83
1886 Md	3	2 F.	60-60-60	.58- .67- .63
1886 N. J	3	3 F.	59-60-59	.58- .67- .61
1886 N. Y	3	7 F.	52-59-56	.38-1.67- .91
1886 N. Y	7	9 M.	(a)	1.33-1.67-1.48
1886 N. Y	7	3 F.	c 60-60-60	1.00-1.00-1.00
1886 Pa	7	3 F.	56-56-56	.58- .58- .58
1886 R. I	3	1 F.	60-60-60	.58- .58- .58
1887 Ill	3	9 F.	51-59-54	.17-1.00- .70
1887 Ky	3	1 F.	57-57-57	.17- .17- .17
1887 Mass	3	24 F.	42-60-54	.29-1.67-1.00
1887 N. Y	3	8 F.	54-60-57	.33-1.25- .81
1887 Ohio	3	11 F.	59-60-59	.17- .83- .44
1887 England	596	(a) M.	d 84-84-84	1.34-1.83- —
1887 England	596	(a) F.	51-66 —	.41- .97- —
1887 England	631	(a) M.	(a)	1.32-1.50- —
1887 England	631	(a) F.	(a)	.67- .67- .67
1888 N. Y	331	95 M.	e 59-59-59	.21-3.00-2.26
1888 N. Y	331	25 F.	f 53-59-56	.38-2.50-1.39
1888 England	597	(a) (a)	(a)	.61-1.58- —
1888 Germany	558	(a) (a)	66-66-66	1.59-1.82- —
1890 N. Y	333	36 M.	(a)	.83-2.67-1.54
1890 N. Y	333	95 F.	(a)	0.42-1.83-0.78
1891 Mich	285	18 F.	(a)	.88- .88- .88
1891 N. Y	333	42 M.	(a)	.83-2.67-1.59
1891 N. Y	333	97 F.	(a)	.42-1.83- .78
1892 Ill	210	13 F.	52-52-52	.44-1.08- .80
1892 France	505	(a) F.	60-60-60	.19- .29- —
1893 Ill	10	1 M.	60-60-60	1.08-1.08-1.08
1893 Mo	302	4 (a)	f 84-84-84	1.17-2.00-1.69
1893 N. Y	10	1 M.	66-66-66	2.50-2.50-2.50
1893 N. Y	10	2 F.	60-60-60	.33- .83- .58
1893 Ohio	374	6 F.	60-60-60	.75- .75- .75
1893 Pa	10	11 M.	50-60-59	.58-2.33-1.40
1893 Pa	10	5 F.	55-60-57	.83-1.00- .88
1894 Ohio	375	1 M.	60-60-60	1.17-1.17-1.17
1894 Ohio	375	15 F.	48-60-57	.25- .80- .42
1894 France	129	(a) M.	60-60-60	1.25-1.25-1.25
1894 France	506	(a) F.	d 72-72-72	.58- .64- —
1895 N. J	7	47 F.	48-60-50	.25-1.50- .79
1895 N. Y	7	51 M.	54-54-54	2.10-3.43-2.73
1895 N. Y	7	30 F.	54-60-58	1.00-2.12-1.50
1895 N. Y	8	50 M.	54-60-55	1.33-2.67-1.93
1895 N. Y	8	98 F.	54-60-55	.42-1.50- .83
1895 N. C	7	2 F.	60-60-60	.60- .60- .60
1895 N. Y	341	3 M.	(a)	1.67-2.17-1.83
1895 N. Y	341	4 F.	60-60-60	.83-1.33-1.06
1895 Ohio	376	4 F.	48-48-48	.80- .80- .80
1896 N. Y	7	9 F.	60-60-60	1.08-1.25-1.20
1896 Ohio	377	4 F.	48-48-48	.80- .80- .80
1896 Pa	7	12 F.	54-56-55	.42-1.50- .76
1897 N. J	328	18 F.	(a)	.70- .70- .70
1897 N. Y	337	200 M.	(a)	1.83-2.17-2.00
1898 N. J	329	11 M.	60-60-60	1.00-1.33-1.21
1898 N. Y	338	800 M.	(a)	1.17-2.66-1.79

BASTING PULLERS.

1886	N. Y	7	10	F.	g 60-60-60	.25- .50- .39	1891	N. Y	333	3	M.	(a)	.25- .25- .25
1886	Pa	3	1	F.	60-60-60	.50- .50- .50	1895	N. Y	341	2	M.	60-60-60	.33- .33- .33
1887	Mass	3	1	F.	51-51-51	.27- .27- .27	1895	N. C	7	1	F.	60-60-60	.42- .42- .42
1888	N. Y	331	1	M.	59-59-59	.25- .25- .25	1896	N. Y	7	12	F.	60-60-60	.25- .46- .37
1890	N. Y	333	5	M.	(a)	.21- .33- .24							

BATCHERS, JUTE.

1883	Scotland	572	(a)	F.	56-56-56	.41- .49- —	1888	N. J	326	2	(a)	63-63-63	1.50-1.50-1.50
1884	Ireland	178	(a)	(a)	60-60-60	.12- .24- —	1888	N. Y	331	5	M.	(a)	1.10-1.10-1.10
1885	Cal	1	7	M.	63-63-63	.90-1.75-1.04	1890	N. Y	333	12	M.	(a)	1.87-1.87-1.87
1885	N. J	1	7	M.	60-60-60	1.30-1.30-1.30	1891	N. Y	333	12	M.	(a)	1.87-1.87-1.87
1885	N. Y	1	7	M.	60-60-60	1.50-1.50-1.50	1893	Scotland	632	(a)	F.	(a)	.46- .65- —
1885	N. Y	7	7	M.	60-60-60	1.05-1.83-1.40	1895	N. Y	7	11	M.	60-60-60	1.22-2.08-1.62
1886	Scotland	601	(a)	M.	56-56-56	.38- .62- —	1896	Pa	7	12	M.	57-57-57	.83-1.93-1.21
1886	Scotland	601	(a)	F.	56-56-56	.37- .48- —							

a Not reported.
b Not including hours of 9 persons not reported.
c Not including hours of 2 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 50 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BATCH MAKERS, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	382	8 M.	(a)	1.75-3.00-2.25	1890 N. J	6	3 M.	60-60-60	1.50-1.92-1.78
1881 N. J	320	2 M.	60-60-60	1.50-1.73-1.62	1890 N. Y	6	5 M.	60-60-60	1.46-1.50-1.48
1883 N. J	322	6 M.	b 60-60-60	2.00-2.67-2.44	1890 N. Y	333	2 M.	(a)	1.50-1.50-1.50
1884 N. J	323	6 M.	b 42-60-47	1.33-1.67-1.39	1891 N. Y	333	10 M.	(a)	1.50-2.67-1.63
1885 N. J	324	6 M.	42-60-49	1.33-1.50-1.36	1892 Ohio	373	15 (a)	48-58-55	1.70-2.00-1.77
1886 N. J	325	37 M.	60-60-60	1.25-2.89-1.67	1894 Ind	228	1 M.	54-54-54	1.50-1.50-1.50
1887 Ohio	369	10 M.	54-60-58	1.50-2.00-1.73	1896 Pa	394	2 M.	60-60-60	1.83-1.93-1.88
1888 N. J	326	4 M.	36-54-44	1.50-2.00-1.86	1897 Ohio	377	6 M.	54-60-56	1.60-1.60-1.60
1888 N. Y	331	9 M.	54-59-57	1.34-1.53-1.44	1898 N. J	329	15 M.	48-60-58	1.50-1.67-1.53
1890 Md	6	1 M.	48-48-48	1.67-1.67-1.67					

BATCH WHEELERS, GLASS.

1889 Ind	6	2 M.	60-60-60	1.67-1.67-1.67	1890 N. J	6	2 M.	50-50-50	1.61-1.61-1.61
1890 Cal	195	1 M.	(a)	2.50-2.50-2.50	1890 Ohio	6	10 M.	b 50-60-59	1.17-2.15-1.64
1890 Ill	6	2 M.	60-60-60	1.50-1.50-1.50	1890 Pa	6	14 M.	(a)	1.84-2.21-1.99
1890 Ind	6	8 M.	c 60-60-60	1.88-2.71-2.39	1891 N. Y	333	4 M.	(a)	1.43-1.43-1.43
1890 Md	6	2 M.	48-48-48	1.33-1.33-1.33					

BATH TUB LINERS.

1890 N. Y	333	5 M.	(a)	2.00-3.00-2.80	1891 N. Y	333	5 M.	(a)	2.00-2.50-2.40

BATTERS, TEXTILES.

1886 Mich	7	80 F.	60-60-60	.50- .69- .60	1895 N. J	7	10 M.	55-55-55	2.38-2.53-2.48
1886 R. I	7	5 F.	60-60-60	.58- .83- .77	1895 N. Y	7	7 M.	60-60-60	.42-1.17- .80
1890 N. Y	333	5 M.	(a)	1.33-1.33-1.33	1896 Mich	7	7 F.	54-54-54	.76-1.00- .88
1891 N. Y	333	13 M.	(a)	.67-1.17-1.24	1896 Ohio	377	4 M.	60-60-60	2.75-2.75-2.75
1895 Me	7	1 M.	60-60-60	1.00-1.00-1.00					

BATTERY HANDS, ELECTRIC.

1865 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1887 N. Y	4	3 M.	(a)	1.53-2.49-1.96
1885 Cal	1	2 M.	60-60-60	2.00-2.00-2.00	1890 N. Y	333	1 M.	(a)	2.00-2.00-2.00
1887 Md	4	1 M.	(a)	1.92-1.92-1.92	1891 N. Y	333	1 M.	(a)	2.00-2.00-2.00
1887 Mass	4	2 M.	(a)	1.75-2.00-1.88	1895 Pa	8	1 M.	60-60-60	1.33-1.33-1.33

BEADERS, BOOTS AND SHOES.

1879 Pa	7	15 F.	57-57-57	.18-1.30- .91	1887 Pa	3	2 F.	52-57-55	.67- .68- .68
1884 Pa	7	2 F.	60-60-60	.33- .42- .38	1888 Ind	3	1 F.	56-56-56	.75- .75- .75
1885 N. Y	1	69 M.	60-60-60	1.17-1.67-1.51	1888 N. Y	331	1 M.	54-54-54	2.33-2.33-2.33
1885 N. Y	7	1 M.	59-59-59	1.75-1.75-1.75	1888 N. Y	331	2 F.	53-53-53	1.33-1.33-1.33
1885 Ohio	7	19 M.	60-60-60	.76-1.13- .97	1890 N. Y	333	2 M.	(a)	.75- .75- .75
1886 Mo	3	3 F.	55-59-58	.75-1.00- .86	1891 Maine	257	6 (a)	(a)	1.51-1.51-1.51
1886 N. J	3	1 F.	57-57-57	.96- .96- .96	1891 N. Y	333	2 M.	(a)	.75- .75- .75
1886 N. J	325	4 F.	60-60-60	1.42-1.42-1.42	1893 N. J	327	10 F.	b 56-56-56	.83-1.17-1.00
1886 Pa	3	1 F.	57-57-57	.83- .83- .83	1894 Ohio	375	1 F.	60-60-60	.75- .75- .75
1886 Pa	7	1 F.	(a)	.87- .87- .87	1895 Mass	7	13 F.	58-58-58	.83-1.69-1.15
1886 Pa	3	(a) F.	56-61 —	1.50-2.08- —	1895 Mass	8	3 M.	60-60-60	1.33-2.00-1.78
1886 Ireland	3	5 F.	57-60-59	.50-1.00- .68	1895 N. Y	7	1 M.	59-59-59	1.67-1.67-1.67
1887 Ill	3	2 F.	53-58-56	.40- .67- .54	1895 N. Y	8	1 M.	60-60-60	1.00-1.00-1.00
1887 Ky	3	2 F.	59-60-60	1.33-1.67-1.50	1895 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00
1887 Minn	3	6 F.	53-60-57	.58-1.42-1.01	1896 Ohio	7	60 M.	60-60-60	.69-1.20- .94
1887 N. Y	3	5 F.	48-60-57	.40-1.25- .88	1896 Pa	7	11 F.	59-60-59	.57-1.25- .84
1887 Ohio	3								

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEADERS, DRESS TRIMMINGS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	17	F.	56-56-56	0.67-1.08-0.86	1887 N. Y.	3	3	F.	50-54-52	0.75-1.50-1.11
1887 Ill.	3	1	F.	54-54-54	.42- .42- .42	1895 N. Y.	7	12	F.	56-56-56	.50-1.00- .69

BEADERS, TINWARE.

1878 Pa	8	1	M.	60-60-60	1.50-1.50-1.50	1891 N. Y.	333	4	M.	(a)	1.33-1.33-1.33
1889 Pa	8	1	M.	60-60-60	1.50-1.50-1.50	1896 Pa	8	2	M.	60-60-60	1.00-1.00-1.00
1890 N. Y.	333	5	M.	(a)	1.50-1.50-1.50						

BEAD MAKERS, GLASS.

1869 Italy	610	(a)	M.	(a)	.48- .48- .48	1884 Italy	178	(a)	M.	(a)	.39-1.48- —
1869 Italy	610	(a)	F.	(a)	.19- .19- .19	1884 Italy	178	(a)	F.	(a)	.39- .97- —
1872 Germany	185	(a)	F.	66-66-66	.27- .30- —	1893 Ill.	10	1	F.	56-56-56	.83- .83- .83
1872 Germany	185	(a)	(a)	66-66-66	.10- .15- —	1893 N. Y.	10	2	F.	47-54-51	1.17-1.17-1.17
1884 Germany	178	(a)	M.	60-60-60	.36- .60- —						

BEAM CARRIERS, TEXTILES.

1851 Mass	190	1	M.	72-72-72	.75- .75- .75	1874 Mass	190	3	M.	66-66-66	.92-1.38-1.18
1852 Mass	190	3	M.	72-72-72	.50- .92- .71	1875 Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1853 Mass	190	2	M.	72-72-72	.75- .83- .79	1876 Mass	190	2	M.	60-60-60	.88- .88- .88
1854 Mass	190	2	M.	72-72-72	.75- .83- .79	1877 Mass	190	2	M.	60-60-60	1.03-1.03-1.03
1855 Mass	190	1	M.	72-72-72	.83- .83- .83	1878 Mass	190	4	M.	60-60-60	.83- .83- .83
1856 Mass	190	1	M.	72-72-72	.83- .83- .83	1879 Mass	190	2	M.	60-60-60	.88- .88- .88
1857 Mass	190	1	M.	72-72-72	.83- .83- .83	1880 Mass	190	2	M.	60-60-60	.97- .97- .97
1858 Mass	190	1	M.	72-72-72	.83- .83- .83	1881 Mass	190	2	M.	60-60-60	1.00-1.00-1.00
1859 Mass	190	2	M.	72-72-72	.79- .83- .81	1882 Mass	190	2	M.	60-60-60	1.00-1.00-1.00
1860 Mass	190	2	M.	72-72-72	.79- .88- .84	1883 Mass	190	2	M.	60-60-60	1.00-1.00-1.00
1861 Mass	190	2	M.	66-66-66	.67- .72- .70	1884 Mass	190	2	M.	60-60-60	1.00-1.00-1.00
1862 Mass	190	2	M.	66-66-66	.67- .72- .70	1885 Mass	190	2	M.	60-60-60	.90- .90- .90
1863 Mass	190	1	M.	66-66-66	1.08-1.08-1.08	1886 Mass	190	2	M.	60-60-60	.97- .97- .97
1864 Mass	190	1	M.	66-66-66	1.25-1.25-1.25	1886 Scotland	601	(a)	M.	56-56-56	.69- .69- .69
1865 Mass	190	2	M.	66-66-66	1.33-1.38-1.36	1887 Mass	190	2	M.	60-60-60	.97- .97- .97
1866 Mass	190	2	M.	66-66-66	1.42-1.50-1.46	1888 Mass	190	2	M.	60-60-60	1.02-1.02-1.02
1867 Mass	190	2	M.	66-66-66	1.33-1.46-1.40	1889 Mass	6	3	M.	(a)	1.06-1.06-1.06
1868 Mass	190	2	M.	66-66-66	1.25-1.38-1.32	1889 Mass	190	2	M.	60-60-60	1.02-1.02-1.02
1869 Mass	190	2	M.	66-66-66	1.25-1.38-1.32	1889 Tenn.	6	1	(a)	66-66-66	.75- .75- .75
1870 Mass	190	2	M.	66-66-66	1.25-1.42-1.34	1890 Mass	190	2	M.	60-60-60	1.02-1.02-1.02
1871 Mass	190	2	M.	66-66-66	1.25-1.42-1.34	1890 Scotland	6	(a)	M.	56-56-56	.53- .53- .53
1872 Mass	190	2	M.	66-66-66	1.25-1.42-1.34	1891 Mass	190	2	M.	60-60-60	1.02-1.02-1.02
1873 Mass	190	2	M.	66-66-66	1.17-1.38-1.28	1892 Mass	190	1	M.	58-58-58	1.25-1.25-1.25

BEAMERS, HANDLOOM, CARPETINGS.

1871 England	185	(a)	M.	60-60-60	.48-1.01- —	1871 Scotland	185	(a)	M.	60-60-60	.32- .83- —

BEAM HANDS, CARPETINGS.

1845 N. Y.	8	4	M.	60-60-60	.40- .40- .40	1886 England	601	(a)	M.	57-57-57	1.32-1.32-1.32
1850 England	8	(a)	M.	72-72-72	.49- .85- —	1886 Scotland	601	(a)	M.	56-56-56	.88- .93- —
1860 Pa	8	9	M.	60-60-60	.50-1.20- .80	1890 N. Y.	333	9	M.	(a)	2.00-2.33-2.11
1885 N. Y.	1	67	M.	60-66-60	1.12-2.35-1.33	1891 N. Y.	333	5	M.	(a)	1.67-2.00-1.80
1886 N. Y.	1	10	F.	66-66-66	1.00-1.00-1.00	1895 Pa	8	6	M.	60-60-60	1.67-2.00-1.72

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEAM HANDS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1839 England	562	(a) M.	69-69-69	0.89-0.89-0.89
1839 England	563	(a) M.	65-65-65	.73- .73- .73
1846 Mass	190	4 M.	84-84-84	.20- .65- .43
1846 Mass	190	16 F.	84-84-84	.38- .71- .53
1847 Mass	190	1 M.	84-84-84	.71- .71- .71
1847 Mass	190	7 F.	84-84-84	.54- .71- .64
1848 Mass	190	4 F.	84-84-84	.42- .75- .54
1849 England	562	(a) M.	60-60-60	.89- .89- .89
1849 England	563	(a) M.	60-60-60	.81- .81- .81
1859 England	562	(a) M.	60-60-60	.89- .89- .89
1866 England	566	(a) M.	60-60-60	.85- .89- —
1866 Ireland	566	(a) M.	60-60-60	1.22-1.22-1.22
1866 Ireland	566	(a) F.	60-60-60	.37- .37- .37
1866 Scotland	566	(a) M.	60-60-60	.65- .69- —
1867 Ga	7	2 M.	66-66-66	1.25-1.25-1.25
1867 Ga	7	1 F.	66-66-66	1.00-1.00-1.00
1867 Scotland	567	(a) M.	60-60-60	.24- .73- —
(b) England	567	(a) M.	60-60-60	.97- .97- .97
1868 Germany	610	(a) M.	68-68-68	.24- .73- —
1870 Mass	7	5 M.	66-66-66	2.00-2.50-2.20
1871 England	568	(a) F.	59-59-59	.53- .53- .53
1871 England	629	(a) (a)	60-60-60	.49-1.12- —
1871 Scotland	568	(a) M.	c60-60-60	.61- .81- —
1872 Germany	185	(a) M.	66-66-66	.64- .64- .64
1872 Scotland	185	(a) M.	60-60-60	.61- .81- —
1873 England	185	(a) M.	(a)	.36- .48- —
1874 Pa	380	2 M.	(a)	.50- .50- .50
1874 England	569	(a) M.	56-60 —	.81-1.01- —
1874 Scotland	569	(a) M.	57-57-57	.14- .89- —
1874 Scotland	569	(a) F.	57-58 —	.13- .57- —
1875 Mass	270	2 M.	(a)	1.50-2.00-1.75
1876 Pa	381	7 M.	(a)	1.83-2.33-2.02
1876 Pa	382	3 M.	(a)	1.50-2.15-1.93
1877 England	570	(a) M.	54-57 —	.93- .97- —
1877 Scotland	570	(a) M.	56-56-56	.89- .89- .89
1878 Pa	383	14 M.	60-60-60	.50-2.16-1.46
1879 England	25	(a) (a)	56-56-56	.51- .64- —
1880 Ga	7	3 M.	d66-69-68	.85-1.25-1.12
1880 Pa	7	1 M.	60-60-60	1.20-1.20-1.20
1880 England	571	(a) M.	54-57 —	.89- .93- —
1880 Scotland	571	(a) M.	56-56-56	.83- .83- .83
1881 Ga	7	1 F.	66-66-66	1.00-1.00-1.00
1881 N. C	7	5 M.	(a)	.75-1.25-1.00
1881 England	27	(a) (a)	56-56-56	.70- .90- —
1882 N. H	7	2 M.	66-66-66	.82- .86- .84
1882 N. C	7	2 M.	d72-72-72	.60-1.40-1.00
1882 England	33	(a) (a)	56-56-56	.70- .90- —
1883 Ga	7	8 M.	(a)	1.60-1.83-1.70
1883 Mass	273	4 M.	(a)	1.25-1.45-1.34
1883 Pa	2	10 M.	66-60-60	2.16-2.33-2.25
1883 S. C	7	3 M.	70-70-70	.75- .85- .82
1883 Tenn	7	3 M.	66-66-66	.81-1.03- .90
1883 England	600	(a) M.	57-57-57	.91- .91- .91
1883 Gr't Brit	273	(a) M.	(a)	.81-1.38- —
1883 Gr't Brit	273	(a) (a)	(a)	.24- .73- —
1884 Ga	7	5 M.	66-66-66	1.25-1.25-1.25
1884 Ky	7	3 M.	66-66-66	1.83-2.50-2.14
1884 Mass	7	3 F.	60-60-60	.90- .90- .90
1884 N. C	7	4 M.	69-69-69	.50-1.50-1.25
1884 Canada	466	(a) M.	60-60-60	1.84-1.84-1.84
1884 Scotland	178	(a) M.	56-56-56	1.34-1.34-1.34
1885 Del	1	11 M.	60-60-60	1.47-1.47-1.47
1885 Ga	1	1 M.	69-69-69	.75- .75- .75
1885 Me	1	22 M.	66-66-66	.90-2.24-2.01
1885 Me	1	5 F.	66-66-66	1.48-1.48-1.48
1885 Md	1	18 M.	66-66-66	.71-1.50- .95
1885 Mass	1	2 M.	60-60-60	.90-1.30-1.10
1885 Mass	1	8 F.	60-60-60	1.00-1.00-1.00
1885 Mass	7	21 M.	60-60-60	1.33-2.25-1.89
1885 N. Y	1	2 M.	66-66-66	1.25-1.25-1.25
1885 N. C	1	12 M.	69-69-69	.75-2.50-1.11
1885 N. C	7	1 M.	66-66-66	1.25-1.25-1.25
1885 Pa	1	12 M.	60-60-60	2.00-2.00-2.00
1885 Pa	7	1 M.	(a)	2.00-2.00-2.00
1885 Va	1	3 M.	66-66-66	.83- .83- .83
1885 Canada	467	(a) F.	60-60-60	.65- .65- .65
1885 Gr't Brit	1	(a) M.	60-60-60	.73- .90- —
1886 Conn	201	1 M.	(a)	1.75-1.75-1.75
1886 N. J	3	1 F.	58-58-58	1.13-1.13-1.13
1886 Pa	7	46 M.	e60-60-60	.42-2.67-1.95
1886 England	600	(a) M.	57-57-57	.43-1.07- —
1886 England	600	(a) F.	57-57-57	.72- .72- .72
1886 Ireland	600	(a) M.	57-57-57	.77- .77- .77
1886 Scotland	600	(a) M.	57-57-57	.70-1.18- —
1886 Scotland	601	(a) M.	56-56-56	.76- .76- .76
1887 Conn	202	2 F.	(a)	.93- .93- .93
1887 Germany	6	(a) M.	(a)	.72- .72- .72
1888 Ga	6	6 M.	66-66-66	1.75-1.75-1.75
1888 N. Y	6	1 F.	(a)	.71- .71- .71
1888 N. C	6	2 M.	(a)	1.95-1.95-1.95
1888 Pa	6	6 M.	(a)	1.67-2.34-1.89
1888 S. C	6	2 M.	66-66-66	.75-1.05- .90
1888 Va	6	2 M.	(a)	.60- .65- .63
1888 Canada	80	(a) (a)	(a)	1.25-1.50- —
1888 Canada	470	(a) M.	61-61-61	1.52-1.52-1.52
1889 Ga	6	1 M.	70-70-70	1.00-1.00-1.00
1889 Me	6	7 M.	60-60-60	1.67-1.75-1.74
1889 Md	6	6 M.	(a)	1.00-1.90-1.40
1889 Mass	6	1 M.	60-60-60	1.30-1.30-1.30
1889 N. H	6	2 F.	60-60-60	1.00-1.00-1.00
1889 N. C	6	4 M.	69-69-69	1.25-1.25-1.25
1889 Pa	6	17 M.	(a)	1.50-2.84-2.18
1889 R. I	6	2 M.	(a)	1.17-1.17-1.17
1889 Tenn	6	11 M.	66-66-66	.55-1.60- .92
1889 Canada	471	(a) M.	58-60 —	1.49-1.68- —
1889 England	6	(a) M.	57-57-57	.85- .85- .85
1890 Ala	6	4 F.	66-66-66	.69- .69- .69
1890 Miss	6	4 M.	(a)	.80- .90- .88
1890 N. Y	333	20 M.	(a)	.80-2.00-1.05
1890 N. C	6	3 M.	f66-66-66	.60-1.33-1.03
1890 N. C	345	1 (a)	69-69-69	1.75-1.75-1.75
1890 Tenn	6	10 M.	(a)	1.00-1.75-1.45
1890 Aust-Hun	632	(a) M.	(a)	.49- .97- —
1890 England	632	(a) M.	(a)	.95- .95- .95
1890 Ireland	99	(a) M.	57-57-57	.77- .77- .77
1890 Scotland	6	(a) M.	56-56-56	.69- .69- .69
1890 Scotland	6	(a) F.	56-56-56	.39- .39- .39
1891 Me	257	1 M.	60-60-60	1.80-1.80-1.80
1891 Me	257	1 F.	60-60-60	1.40-1.40-1.40
1891 N. Y	333	11 M.	(a)	.80-2.00-1.26
1891 N. C	346	1 (a)	(a)	1.00-1.00-1.00
1892 Me	258	16 M.	60-60-60	1.33-2.11-1.38
1892 Me	258	4 F.	60-60-60	1.17-1.17-1.17
1892 Mass	20	6 M.	58-60-60	1.10-1.32-1.17
1893 Mass	20	3 M.	58-58-58	1.10-1.40-1.20
1894 Ind	228	3 M.	60-60-60	1.91-1.91-1.91
1894 Mass	11	2 (a)	(a)	1 78-2.13-1.96
1894 Mass	20	2 M.	58-58-58	1.04-1.35-1.20
1894 N. Y	8	3 M.	60-66-62	1.75-2.25-2.00
1894 N. C	8	4 M.	69-72-70	.70-1.50-1.10
1894 N. C	8	1 F.	60-60-60	.65- .65- .65
1894 R. I	401	10 (a)	(a)	1.25-2.17-1.76
1894 S. C	8	3 M.	66-66-66	1.75-1.75-1.75
1895 Ala	7	6 M.	60-60-60	1.00-1.42-1.25
1895 Ga	7	21 M.	66-66-66	.85-1.40-1.21
1895 Ga	7	2 F.	66-66-66	.88-1.08- .98

a Not reported.
b Average for 1867–68.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 1 person not reported.
e Not including hours of 9 persons not reported.
f Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEAM HANDS, TEXTILES—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Ga	8	4 F.	66-66-66	0.60-0.60-0.60
1895 Me	7	4 M.	60-60-60	1.25-2.00-1.69
1895 Mass	7	35 M.	58-58-58	1.11-2.21-1.81
1895 Mass	7	10 F.	58-58-58	.87- .97- .88
1895 Mass	20	2 M.	58-58-58	1.04-1.35-1.20
1895 N. H	7	56 M.	60-60-60	.90-2.23-1.33
1895 N. H	7	101 F.	60-60-60	1.05-2.15-1.59
1895 N. C	7	5 M.	70-72-72	1.17-1.67-1.18
1895 N. C	8	30 M.	66-72-68	.65-1.55-1.19
1895 Pa	7	1 M.	60-60-60	1.83-1.83-1.83
1895 S. C	7	3 M.	66-66-66	1.75-1.75-1.75
1895 S. C	8	3 M.	66-66-66	1.75-1.75-1.75
1895 Tenn	7	12 M.	66-66-66	.76-1.68-1.35
1895 Canada	187	(a) M.	60-60-60	.33-1.67- —
1896 Ga	7	47 M.	66-66-66	0.90-2.00-1.35
1896 Ga	7	3 F.	66-66-66	1.25-1.25-1.25
1896 Ky	7	4 M.	60-60-60	1.50-2.50-1.88
1896 N. C	7	13 M.	68-69-69	.40-1.40-1.05
1896 Pa	7	65 M.	60-60-60	.42-2.50-1.72
1896 Pa	7	3 F.	60-60-60	1.17-1.38-1.28
1896 Pa	394	2 M.	60-60-60	2.17-2.33-2.25
1898 Aust-Hun	438	(a) (a)	60-62 —	.47- .47- .47
1899 N. C	18	5 M.	69-69-69	1.30-1.90-1.55
1899 N. C	353	1 M.	72-72-72	1.35-1.35-1.35
1899 Pa	18	8 (a)	60-60-60	1.17-2.67-2.27
1900 N. C	18	5 M.	69-69-69	1.30-1.90-1.55
1900 Pa	18	8 (a)	60-60-60	1.17-2.83-2.31

BEAM MAKERS, SCALES AND BALANCES.

1888	N. Y	331	1	M.	59-59-59	2.50-2.50-2.50	1891	Scotland	576	(a)	M.	54-54-54	1.30-1.30-1.30
1891	N. Y	333	1	M.	(a)	1.90-1.90-1.90	1892	Scotland	577	(a)	M.	54-54-54	1.14-1.34- —
1891	England	576	(a)	M.	(a)	1.01-1.01-1.01	1892	Scotland	632	(a)	M.	54-54-54	.97-1.46- —

BEAMSMEN, TANNERY.

1834	Conn	8	1	M.	72-72-72	1.50-1.50-1.50	1874	Ireland	569	(a)	M.	(a)	.65- .65- .65
1857	Mass	190	5	M.	66-66-66	1.00-1.00-1.00	1875	Del	190	8	M.	60-60-60	1.33-2.00-1.72
1858	Mass	190	5	M.	66-66-66	1.00-1.17-1.03	1875	Mass	190	12	M.	60-60-60	1.34-1.50-1.47
1859	Mass	190	5	M.	66-66-66	1.34-1.34-1.34	1875	Mass	270	7	M.	(a)	1.68-1.68-1.68
1860	Mass	8	110	M.	60-72-60	1.25-2.00-1.26	1876	Del	190	5	M.	60-60-60	1.50-1.83-1.65
1860	Mass	190	5	M.	60-60-60	1.50-1.50-1.50	1876	Mass	190	11	M.	60-60-60	1.34-1.50-1.35
(b)	England	563	(a)	(a)	(a)	.81- .81- .81	1877	Del	190	6	M.	60-60-60	1.17-1.67-1.43
1861	Mass	190	5	M.	60-60-60	1.67-1.67-1.67	1877	Mass	190	5	M.	60-60-60	1.34-1.84-1.50
1862	Mass	190	5	M.	60-60-60	1.67-2.00-1.93	1877	Ohio	359	9	M.	(a)	1.17-2.01-1.67
1863	Mass	190	5	M.	60-60-60	1.84-2.17-2.10	1878	Del	190	4	M.	60-60-60	1.17-1.58-1.40
1864	Mass	190	4	M.	60-60-60	2.17-2.17-2.17	1878	Mass	190	5	M.	60-60-60	1.34-1.84-1.53
1865	Mass	190	4	M.	60-60-60	2.17-2.17-2.17	1878	Pa	383	19	M.	60-60-60	1.25-1.38-1.32
1866	Del	190	3	M.	60-60-60	1.10-2.00-1.70	1878	Australia	177	(a)	M.	60-60-60	1.62-2.03- —
1866	Mass	8	8	M.	60-60-60	1.83-2.00-1.89	1879	Del	190	8	M.	60-60-60	1.17-1.58-1.35
1866	Mass	190	4	M.	60-60-60	2.17-2.17-2.17	1879	Mass	190	5	M.	60-60-60	1.17-2.00-1.40
1867	Del	190	3	M.	60-60-60	1.67-2.00-1.89	1879	Pa	384	70	(a)	d60-60-60	1.00-1.66-1.29
1867	Mass	190	4	M.	60-60-60	2.00-2.00-2.00	1880	Del	190	9	M.	60-60-60	1.17-2.00-1.57
1868	Del	190	6	M.	60-60-60	1.83-2.00-1.94	1880	Mass	190	7	M.	60-60-60	1.34-2.00-1.52
1868	Mass	8	3	M.	60-60-60	1.67-2.00-1.89	1881	Del	190	3	M.	60-60-60	1.67-2.00-1.86
1868	Mass	190	4	M.	60-60-60	2.00-2.00-2.00	1881	Mass	190	8	M.	60-60-60	1.17-1.67-1.40
(c)	England	567	(a)	M.	63-63-63	.81-1.30- —	1881	Ohio	363	48	M.	e60-60-60	1.25-1.90-1.61
1869	Del	190	14	M.	60-60-60	2.00-2.00-2.00	1881	Pa	2	6	M.	60-60-60	2.00-2.00-2.00
1869	Mass	190	1	M.	60-60-60	1.84-1.84-1.84	1882	Del	190	5	M.	60-60-60	1.17-1.67-1.50
1870	Del	190	13	M.	60-60-60	1.67-2.00-1.72	1882	Ill	2	217	M.	60-60-60	1.88-1.88-1.88
1870	Mass	8	3	M.	60-60-60	1.67-1.67-1.67	1882	Mass	190	7	M.	60-60-60	1.17-1.67-1.41
1870	Mass	190	12	M.	60-60-60	1.50-2.00-1.83	1882	Ohio	364	71	(a)	e60-60-60	1.42-2.00-1.73
1871	Del	190	9	M.	60-60-60	1.67-2.17-1.73	1883	Del	190	7	M.	60-60-60	1.25-1.67-1.58
1871	Mass	190	12	M.	60-60-60	1.67-1.84-1.78	1883	Mass	190	6	M.	60-60-60	1.34-1.67-1.56
1871	England	568	(a)	M.	66-66-66	1.03-1.03-1.03	1883	England	572	(a)	M.	54-59 —	1.09-1.17- —
1871	Ireland	568	(a)	M.	60-60-60	.61- .61- .61	1884	Del	190	12	M.	60-60-60	1.50-2.00-1.68
1872	Del	190	5	M.	60-60-60	1.83-2.18-1.92	1884	Mass	190	5	M.	60-60-60	1.34-1.67-1.53
1872	Mass	190	12	M.	60-60-60	1.67-1.84-1.79	1884	Mich	278	12	M.	(a)	1.35-1.50-1.40
1872	England	185	(a)	M.	57-62 —	.36-1.01- —	1884	Pa	2	32	M.	60-60-60	2.17-2.17-2.17
1873	Del	190	8	M.	60-60-60	1.83-2.29-1.96	1884	Canada	466	(a)	M.	60-60-60	1.27-1.27-1.27
1873	Mass	190	12	M.	60-60-60	1.84-1.84-1.84	1884	Germany	178	(a)	M.	72-72-72	.63- .70- —
1874	Del	190	10	M.	60-60-60	1.00-1.83-1.61	1885	Cal	1	30	M.	60-60-60	1.60-2.40-2.16
1874	Mass	190	12	M.	60-60-60	1.67-1.83-1.68	1885	Del	1	38	M.	60-60-60	1.67-2.50-1.84
1874	Pa	380	10	M.	(a)	1.30-1.50-1.44	1885	Del	190	4	M.	60-60-60	1.50-2.50-1.75
1874	Canada	185	(a)	M.	59-59-59	1.25-1.25-1.25	1885	Mass	1	10	M.	60-60-60	1.60-1.60-1.60

a Not reported.
b Average for 1858–60.
c Average for 1867–68.
d Not including hours of 22 persons not reported.
e Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEAMSMEN, TANNERY—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mass	190	6 M.	60-60-60	1.34-1.67-1.53	1891 N. Y	333	425 M.	(a)	1.08-2.58-1.69
1885 Pa	1	45 M.	60-72-61	1.25-2.15-2.07	1891 Belgium	457	(a) M.	60-60-60	.68- .68- .68
1885 Wis	2	46 M.	60-60-60	1.58-1.65-1.62	1892 Cal	196	4 M.	60-60-60	2.00-2.75-2.43
1885 Canada	467	(a) M.	60-60-60	1.44-1.46- —	1892 Del	20	11 M.	(a)	1.50-2.17-1.67
1886 Del	190	8 M.	60-60-60	1.50-2.00-1.60	1892 Del	190	5 M.	60-60-60	1.67-2.25-1.78
1886 Mass	190	11 M.	60-60-60	1.17-2.00-1.70	1892 Australia	424	(a) M.	(a)	1.31-2.23- —
1886 Australia	184	(a) M.	(a)	1.54-1.82- —	1892 C. of G'd H.	486	(a) M.	(a)	1.09-1.46- —
1886 Canada	468	(a) M.	58-59 —	1.28-1.35- —	1892 France	505	(a) M.	59-69 —	.48-1.16- —
1886 England	67	(a) M.	(a)	1.58-1.58-1.58	1892 France	505	(a) M.	69-69-69	d .63- .72- —
1887 Del	190	7 M.	60-60-60	1.33-2.00-1.60	1893 Del	20	5 M.	(a)	1.67-1.75-1.69
1887 Mass	190	14 M.	60-60-60	1.17-1.50-1.45	1893 Ohio	374	113 M.	48-60-52	1.25-2.25-1.91
1887 Wis	409	288 M.	(a)	1.73-1.73-1.73	1894 Del	20	3 M.	(a)	1.50-1.50-1.50
1887 Canada	469	(a) M.	60-60-60	1.38-1.45- —	1894 N. Y	8	11 M.	60-60-60	1.25-1.40-1.32
1888 Del	190	3 M.	60-60-60	1.58-2.33-1.83	1894 Ohio	375	87 M.	48-60-53	1.00-2.25-1.73
1888 Mass	190	13 M.	60-60-60	1.34-1.50-1.46	1894 W. Va	406	2 M.	60-60-60	1.28-1.30-1.29
1888 N. J	326	15 M.	b60-60-60	2.00-2.50-2.21	1894 Australia	425	(a) (a)	(a)	1.22-2.43- —
1888 N. Y	331	157 M.	c59-60-59	1.00-2.33-1.80	1895 Del	20	4 M.	(a)	1.50-1.67-1.63
1888 Canada	470	(a) M.	59-59-59	1.24-1.24-1.24	1895 Ohio	376	40 M.	e 48-60-58	1.00-2.25-1.61
1888 C. of G'd H.	483	(a) (a)	(a)	1.10-1.22- —	1895 Australia	426	(a) (a)	(a)	1.22-2.43- —
1889 Del	190	4 M.	60-60-60	1.58-2.33-1.77	1896 Mass	8	15 M.	60-60-60	1.67-2.00-1.93
1889 Mass	190	14 M.	60-60-60	1.34-1.50-1.42	1896 N. Y	8	20 M.	54-54-54	2.00-2.00-2.00
1889 Canada	471	(a) M.	60-60-60	1.29-1.29-1.29	1896 Ohio	377	121 M.	55-60-55	1.34-1.55-1.53
1890 Del	190	3 M.	60-60-60	1.58-2.33-1.83	1896 Australia	427	(a) (a)	(a)	1.22-2.43- —
1890 Mass	190	9 M.	60-60-60	1.34-1.50-1.43	1897 Australia	428	(a) (a)	(a)	1.22-2.23- —
1890 N. Y	333	360 M.	(a)	1.08-2.00-1.70	1898 Australia	429	(a) (a)	(a)	1.22-2.23- —
1891 Del	190	6 M.	60-60-60	1.58-2.33-1.71	1899 Mass	18	8 M.	59-59-59	1.33-1.83-1.52
1891 Mass	190	10 M.	60-60-60	1.50-1.67-1.57	1900 Mass	18	8 M.	59-59-59	1.33-1.83-1-52

BEATERS' HELPERS, PAPER.

1888 N. Y	331	8 M.	72-72-72	1.38-1.38-1.38	1893 Ohio	374	4 M.	60-72-66	1.33-1.35-1.34
1890 N. Y	333	11 M.	(a)	1.25-1.55-1.43	1894 Ohio	375	2 M.	72-72-72	1.33-1.33-1.33
1891 N. Y	333	12 M.	(a)	1.25-1.55-1.41	1895 Ohio	376	9 M.	60-72-71	1.00-1.50-1.27

BEATERS, PAPER.

1884 N. J	323	6 M.	60-72-70	1.50-2.00-1.86	1893 England	583	(a) M.	(a)	1.50-1.82- —
1885 Me	1	12 M.	72-72-72	1.50-1.90-1.63	1894 Ohio	375	9 M.	60-72-68	1.42-1.83-1.69
1885 Wis	7	2 M.	72-72-72	1.50-1.50-1.50	1895 Mass	8	1 M.	60-60-60	2.25-2.25-2.25
1887 Wis	409	2 (a)	(a)	1.50-1.50-1.50	1895 Ohio	376	22 M.	62-72-70	1.40-2.00-1.56
1888 N. J	326	6 M.	(a)	1.83-2.00-1.94	1896 Mass	8	2 M.	60-60-60	2.25-2.25-2.25
1890 N. Y	333	43 M.	(a)	1.23-2.00-1.54	1896 Wis	7	5 M.	72-72-72	1.50-1.50-1.50
1891 Me	257	19 M.	60-72-69	1.25-2.00-1.58	1897 Australia	428	(a) (a)	(a)	1.01-2.03- —
1891 N. Y	333	44 M.	(a)	1.23-2.00-1.54	1898 Australia	429	(a) (a)	(a)	1.01-2.03- —
1893 Ohio	374	38 M.	f 60-72-68	1.35-1.75-1.47					

BEATERS, TANNERY.

1889 Portugal	691	(a) (a)	(a)	.59- .59- .59	1892 France	505	(a) M.	60-60-60	.67- .92- —
1891 France	505	(a) M.	60-60-60	1.35-1.64- —	1894 France	129	(a) M.	(a)	1.35-1.64- —

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 5 persons not reported.
d And fuel.
e Not including hours of 6 persons not reported.
f Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEATERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1862 Italy	635	(a) F.	(a)	0.13-0.17- —	1878 Italy	635	(a) F.	(a)	0.19-0.19-0.19
1863 Italy	635	(a) F.	(a)	.14- .14- .14	1879 Italy	635	(a) F.	(a)	.19- .19- .19
1864 Italy	635	(a) F.	(a)	.15- .15- .15	1880 Italy	635	(a) F.	(a)	.19- .19- .19
1865 Italy	635	(a) F.	(a)	.15- .15- .15	1881 Italy	635	(a) F.	(a)	.19- .19- .19
1866 Italy	635	(a) F.	(a)	.16- .16- .16	1882 Italy	635	(a) F.	(a)	.19- .19- .19
1867 Italy	635	(a) F.	(a)	.17- .17- .17	1883 Italy	635	(a) F.	(a)	.19- .19- .19
1869 Italy	635	(a) F.	(a)	.17- .17- .17	1884 Italy	635	(a) F.	(a)	.19- .19- .19
1870 Italy	635	(a) F.	(a)	.17- .17- .17	1885 Italy	635	(a) F.	(a)	.19- .19- .19
1871 Italy	635	(a) F.	(a)	.17- .17- .17	1886 Italy	635	(a) F.	(a)	.19- .19- .19
1872 Italy	635	(a) F.	(a)	.17- .17- .17	1887 Italy	636	(a) F.	(a)	.15- .15- .15
1873 Italy	635	(a) F.	(a)	.17- .17- .17	1889 Italy	637	(a) M.	(a)	.42- .42- .42
1874 Italy	635	(a) F.	(a)	.17- .17- .17	1891 Italy	638	(a) (a)	69-69-69	.15- .15- .15
1875 Italy	635	(a) F.	(a)	.17- .17- .17	1891 Italy	639	(a) M.	b 60-69 —	.23- .58- —
1876 Italy	635	(a) F.	(a)	.17- .17- .17	1892 France	505	(a) M.	66-66-66	.39- .39- .39
1877 Italy	635	(a) F.	(a)	.17- .17- .17	1893 Italy	639	(a) M.	68-68-68	.45- .45- .45

BEATING-MACHINE OPERATORS, PAPER.

1886	Del	7	6	M.	72-72-72	1.79-1.79-1.79	1895	N. J	7	2	M.	59-59-59	1.75-2.25-2.00
1890	N. Y	333	20	M.	(a)	1.00-2.25-1.69	1895	Ohio	376	4	M.	72-72-72	2.00-2.00-2.00
1891	N. Y	333	20	M.	(a)	1.00-2.25-1.75	1896	Del	7	6	M.	72-72-72	2.08-2.08-2.08
1894	Ohio	375	6	M.	60-72-68	1.50-1.75-1.58	1896	Ohio	377	36	M.	66-72-71	1.32-1.87-1.57

BEDMEN, LUMBER.

1891	Me	257	11	M.	60-69-64	1.42-2.25-1.62	1894	Me	260	3	M.	66-66-66	1.35-1.50-1.45

BEDSTEAD MAKERS.

1852	Mass	8	3	M.	72-72-72	1.00-1.25-1.08	1893	N. Y	10	1	M.	60-60-60	4.17-4.17-4.17
1884	N. J	7	7	M.	(a)	2.00-2.00-2.00	1895	N. J	7	11	M.	59-59-59	2.00-2.33-2.13
1884	Italy	178	(a)	M.	(a)	.60- .80- —	1897	Mass	8	1	M.	60-60-60	1.50-1.50-1.50
1888	N. Y	331	1	M.	58-58-58	2.00-2.00-2.00							

BEDTICK MAKERS.

1880	N. Y	7	7	F.	60-60-60	1.67-2.33-1.96	1890	N. Y	333	3	M.	(a)	.57- .57- .57
1882	Ga	7	5	F.	(a)	.67-1.17-1.00	1890	N. Y	333	5	F.	(a)	1.00-1.67-1.27
1884	Pa	7	8	F.	60-60-60	.92- .92- .92	1891	Mich	283	6	F.	(a)	.96-1.10-1.03
1886	Md	3	1	F.	60-60-60	.67- .67- .67	1891	N. Y	333	3	M.	(a)	.83- .83- .83
1887	Ill	3	3	F.	54-57-56	.96-1.17-1.04	1891	N. Y	333	5	F.	(a)	1.00-1.67-1.27
1887	Mass	3	2	F.	53-53-53	1.00-1.42-1.21	1895	Ga	7	7	F.	51-51-51	.75-1.00- .85
1888	Ind	3	4	F.	52-59-55	.67-1.00- .81	1895	N. Y	7	13	F.	60-60-60	1.67-2.00-1.78
1888	N. Y	331	3	M.	53-53-53	1.25-1.25-1.25	1895	Ohio	376	3	F.	54-54-54	1.00-1.00-1.00

a Not reported.

b Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BEER COOLERS, BREWERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 N. Y.	190	1 M.	72-72-72	1.34-1.34-1.34	1882 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54
1873 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1883 N. Y.	190	1 M.	72-72-72	1.92-1.92-1.92
1874 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1884 N. Y.	190	1 M.	72-72-72	1.92-1.92-1.92
1875 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1885 N. Y.	190	1 M.	72-72-72	1.92-1.92-1.92
1876 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1886 N. Y.	190	1 M.	72-72-72	1.92-1.92-1.92
1877 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1887 N. Y.	190	1 M.	72-72-72	2.50-2.50-2.50
1878 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1888 N. Y.	190	1 M.	72-72-72	2.50-2.50-2.50
1878 Ohio	360	2 M.	(a)	2.68-2.68-2.68	1889 N. Y.	190	1 M.	72-72-72	2.50-2.50-2.50
1879 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1890 N. Y.	190	1 M.	72-72-72	2.50-2.50-2.50
1880 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1891 N. Y.	190	1 M.	72-72-72	2.50-2.50-2.50
1881 N. Y.	190	1 M.	72-72-72	1.54-1.54-1.54	1892 N. Y.	190	1 M.	60-60-60	2.50-2.50-2.50

BEETLERS, TEXTILES.

1880 Scotland	571	(a) M.	56-56-56	.39- .89- —	1889 Mass	6	5 M.	60-60-60	1.50-1.75-1.60
1883 England	572	(a) M.	55-55-55	1.18-1.18-1.18	1890 Scotland	6	(a) M.	56-56-56	.61- .61- .61
1883 Scotland	572	(a) M.	57-57-57	.90- .90- .90	1892 Russia	692	(a) (a)	(a)	.13- .32- —
1885 Conn.	7	4 M.	60-60-60	1.75-1.75-1.75	1894 Ireland	590	(a) (a)	(a)	1.09-1.09-1.09
1886 Ireland	600	(a) M.	57-57-57	.42- .77- —	1896 Conn.	7	6 M.	60-60-60	1.50-2.19-1.75

BELL BOYS.

1884 Canada	178	(a) M.	(a)	.13- .23- —	1893 Ill.	10	5 M.	54-78-66	1.00-1.71-1.31
1884 Canada	466	(a) M.	72-72-72	b .26- .26- .26	1893 Ill.	10	10 M.	63-84-69	b .64- .86- .67
1885 Canada	467	(a) M.	73-73-73	b .29- .29- .29	1893 N. Y.	10	1 M.	56-56-56	.29- .29- .29
1886 Canada	468	(a) M.	78-78-78	b .33- .36- —	1896 Tenn.	15	1 M.	(a)	1.00-1.00-1.00
1890 Minn	292	2 M.	63-63-63	.54- .54- .54					

BELL HANGERS.

1874 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11	1881 Scotland	29	(a) (a)	51-51-51	1.15-1.15-1.15
1875 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11	1882 Scotland	37	(a) M.	51-51-51	1.15-1.15-1.15
1876 Scotland	177	(a) M.	51-51-51	1.19-1.19-1.19	1883 Australia	174	(a) (a)	(a)	2.19-2.44- —
1877 England	570	(a) M.	52-57 —	1.10-1.49- —	1883 Gr't Brit.	273	(a) M.	(a)	1.37-1.37-1.37
1877 England	570	(a) M.	(a)	c .16- .18¾- —	1884 England	178	(a) M.	54-54-54	1.22-1.30- —
1877 Scotland	570	(a) M.	51-51-51	1.08-1.21- —	1884 Italy	178	(a) M.	(a)	.50- .70- —
1878 Scotland	177	(a) M.	51-54 —	1.19-1.26- —	1886 Canada	468	(a) M.	57-60 —	1.71-1.76- —
1880 England	571	(a) M.	51-57 —	1.19-1.54- —	1888 Canada	470	(a) M.	55-55-55	2.00-2.00-2.00

BELLMEN, COTTON GOODS.

1885 Me	1	2 M.	66-66-66	1.50-1.50-1.50	1894 Mass	20	1 M.	58-58-58	1.21-1.21-1.21
1892 Mass	20	1 M.	58-58-58	1.21-1.21-1.21	1895 Mass	20	1 M.	58-58-58	1.21-1.21-1.21
1893 Mass	20	1 M.	58-58-58	1.21-1.21-1.21					

a Not reported. *b* And board. *c* Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BELL MOLDERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Germany	610	(a)	M.	b72-72-72	0.24-1.03- —	1890 N. Y	333	3	M.	(a)	1.50-1.75-1.67
1870 Germany	610	(a)	M.	(a)	c.61- .61- .61	1890 Ohio	371	4	M.	60-60-60	1.60-2.50-2.28
1884 Aust-Hun	178	(a)	M.	60-60-60	.67- .80- —	1891 N. Y	333	3	M.	(a)	1.50-1.75-1.67
1884 Aust-Hun	178	(a)	M.	66-66-66	d.67- .80- —	1891 Ohio	372	38	M.	60-60-60	1.50-2.50-2.25
1888 N. Y	331	5	M.	58-60-59	2.00-2.00-2.00	1892 France	505	(a)	M.	60-66 —	.72-1.16. —
1889 Portugal	691	(a)	(a)	(a)	.22-2.70- —						

BELLOWS BOYS.

1840 England	564	(a)	M.	72-72-72	.10- .10- .10	1886 Br. India	459	(a)	(a)	(a)	.05- .05- .05
1850 England	564	(a)	M.	72-72-72	.10- .10- .10	1887 Br. India	459	(a)	(a)	(a)	.05- .05- .05
1860 England	564	(a)	M.	72-72-72	.10- .10- .10	1888 Br. India	459	(a)	(a)	(a)	.07- .07- .07
1878 Br. India	459	(a)	(a)	(a)	.06½-.06½-.06½	1889 Br. India	459	(a)	(a)	(a)	.04½-.04½-.04½
1879 Br. India	459	(a)	(a)	(a)	.07- .07- .07	1890 Br. India	459	(a)	(a)	(a)	.06- .06- .06
1880 Br. India	459	(a)	(a)	(a)	.06- .06- .06	1891 Br. India	459	(a)	(a)	(a)	.05- .05- .05
1881 Br. India	459	(a)	(a)	(a)	.06- .06- .06	1892 Br. India	459	(a)	(a)	(a)	.05- .05- .05
1882 Br. India	459	(a)	(a)	(a)	.05½-.05½-.05½	1893 Br. India	459	(a)	(a)	(a)	.04- .04- .04
1883 Br. India	459	(a)	(a)	(a)	.05½-.05½-.05½	1894 Br. India	459	(a)	(a)	(a)	.03½-.03½-.03½
1884 Br. India	459	(a)	(a)	(a)	.05½-.05½-.05½	1895 Br. India	459	(a)	(a)	(a)	.04- .04- .04
1885 Br. India	459	(a)	(a)	(a)	.05½-.05½-.05½	1896 Br. India	459	(a)	(a)	(a)	.04- .04- .04

BELLOWS MAKERS.

1882 Mo	294	2	M.	60-60-60	2.00-2.00-2.00	1889 Australia	422	(a)	(a)	54-54-54	2.03-2.03-2.03
1886 Germany	548	(a)	(a)	(a)	.48- .71- —	1890 Australia	423	(a)	(a)	54-54-54	2.03-2.03-2.03
1887 Ohio	369	5	M.	60-60-60	3.00-3.00-3.00	1892 France	505	(a)	M.	60-66 —	.29- .68- —
1888 N. Y	331	5	(a)	(a)	2.00-2.00-2.00	1893 Ohio	374	2	M.	60-60-60	.50- .50- .50
1888 Germany	558	(a)	(a)	60-60-60	.48- .71- —						

BELLYMEN, PIANOS.

1885 N. Y	1	98	M.	60-60-60	2.83-3.88-3.07	1889 Canada	471	(a)	M.	56-56-56	1.94-1.94-1.94
1888 N. Y	331	106	M.	e59-60-60	2.25-3.33-3.00	1890 N. Y	333	56	M.	(a)	1.67-7.75-3.64
1888 Canada	470	(a)	M.	60-60-60	2.17-2.17-2.17	1891 N. Y	333	57	M.	(a)	1.67-7.75-3.59

BELLYMEN'S HELPERS, PIANOS.

1885 N. Y	1	1	M.	60-60-60	1.00-1.00-1.00	1891 N. Y	333	10	M.	(a)	1.67-1.67-1.67
1890 N. Y	333	13	M.	(a)	1.67-1.67-1.67						

BELTERS, WOODWORKING.

1894 Ind	228	1	M.	60-60-60	1.40-1.40-1.40	1895 Pa	8	3	M.	60-60-60	1.66-2.00-1.89
1895 N. Y	8	4	M.	60-60-60	1.50-1.75-1.69	1896 Ohio	377	23	M.	50-50-50	1.65-1.65-1.65
1895 Ohio	376	13	M.	54-60-57	1.00-2.00-1.55						

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And board and lodging.
d And lodging.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BELT FIXERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1853 Mass	190	1 M.	72-72-72	1.42-1.42-1.42
1854 Mass	190	1 M.	72-72-72	1.42-1.42-1.42
1855 Mass	190	1 M.	72-72-72	1.33-1.33-1.33
1856 Mass	190	1 M.	72-72-72	1.33-1.33-1.33
1857 Mass	190	1 M.	72-72-72	1.33-1.33-1.33
1858 Mass	190	1 M.	72-72-72	1.42-1.42-1.42
1859 Mass	190	1 M.	72-72-72	1.42-1.42-1.42
1860 Mass	190	1 M.	72-72-72	1.50-1.50-1.50
1861 Mass	190	1 M.	66-66-66	1.50-1.50-1.50
1862 Mass	190	1 M.	66-66-66	1.67-1.67-1.67
1863 Mass	190	1 M.	66-66-66	1.67-1.67-1.67
1864 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1865 Mass	190	1 M.	66-66-66	1.83-1.83-1.83
1866 Mass	190	1 M.	66-66-66	2.25-2.25-2.25
1867 Mass	190	1 M.	66-66-66	2.25-2.25-2.25
1868 Mass	190	1 M.	66-66-66	2.25-2.25-2.25
1869 Mass	190	1 M.	66-66-66	2.25-2.25-2.25
1870 Mass	190	1 M.	66-66-66	2.75-2.75-2.75
1871 Mass	190	1 M.	66-66-66	3.00-3.00-3.00
1872 Mass	190	1 M.	66-66-66	3.00-3.00-3.00
1873 Mass	190	1 M.	66-66-66	2.75-2.75-2.75
1874 Mass	190	1 M.	66-66-66	2.67-2.67-2.67
1875 Mass	190	1 M.	60-60-60	2.20-2.20-2.20
1876 Mass	190	1 M.	60-60-60	1.98-1.98-1.98
1877 Mass	190	1 M.	60-60-60	1.98-1.98-1.98
1878 Mass	190	1 M.	60-60-60	1.85-1.85-1.85
1879 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1880 Mass	190	1 M.	60-60-60	2.33-2.33-2.33
1881 Mass	190	1 M.	60-60-60	2.33-2.33-2.33
1882 Mass	190	1 M.	60-60-60	2.33-2.33-2.33
1883 Mass	190	1 M.	60-60-60	2.15-2.15-2.15
1883 Mass	273	1 M.	(a)	2.20-2.20-2.20
1884 Mass	190	1 M.	60-60-60	2.15-2.15-2.15
1885 Cal	1	1 M.	60-60-60	2.00-2.00-2.00
1885 Me	1	1 M.	66-66-66	2.50-2.50-2.50
1885 Me	7	1 M.	66-66-66	1.05-1.05-1.05
1885 Mass	1	4 M.	60-60-60	1.71-2.12-1.81
1885 Mass	190	1 M.	60-60-60	1.94-1.94-1.94
1885 N. Y	1	1 M.	66-66-66	2.03-2.03-2.03
1885 N. Y	7	1 M.	60-60-60	1.67-1.67-1.67
1885 Ohio	1	7 M.	60-60-60	1.30-1.30-1.30
1885 Italy	1	(a) M.	72-72-72	.16- .48- —
1886 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1886 N. H	7	4 M.	60-60-60	.40-1.67- .89
1886 Pa	7	2 M.	57-60-59	1.00-1.75-1.38
1886 England	604	(a) M.	b 54-54-54	.84-1.14- —
1886 Scotland	604	(a) M.	(a)	.82- .82- .82
1887 Conn	202	1 M.	(a)	3.00-3.00-3.00
1887 Md	4	2 M.	(a)	1.25-2.20-1.73
1887 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1887 Mich	4	1 M.	60-60-60	1.25-1.25-1.25
1888 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1888 N. Y	331	1 M.	60-60-60	1.50-1.50-1.50
1889 Mass	6	2 M.	(a)	2.29-2.29-2.29
1889 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1890 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1891 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1891 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1892 Mass	20	1 M.	58-58-58	2.03-2.03-2.03
1892 Mass	190	1 M.	60-60-60	2.10-2.10-2.10
1892 Pa	20	1 M.	60-60-60	1.60-1.60-1.60
1892 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1893 Mass	20	1 M.	58-58-58	2.03-2.03-2.03
1893 Mass	285	1 M.	66-66-66	1.50-1.50-1.50
1893 Mich	20	1 M.	60-60-60	1.60-1.60-1.60
1893 Pa	20	1 M.	66-66-66	1.50-1.50-1.50
1893 Canada	191	(a) M.	58-58-58	2.03-2.03-2.03
1894 Mass	20	1 M.	60-60-60	1.40-1.40-1.40
1894 Pa	20	1 M.	66-66-66	1.50-1.50-1.50
1894 Canada	191	(a) M.	60-60-60	2.50-2.50-2.50
1895 Me	7	1 M.	58-58-58	2.03-2.03-2.03
1895 Mass	20	1 M.	60-60-60	.75-2.20-1.51
1895 N. H	7	7 M.	60-60-60	1.30-2.23-1.77
1895 N. Y	7	2 M.	60-60-60	1.40-1.40-1.40
1895 Pa	20	1 M.	60-60-60	1.40-1.40-1.40
1895 Canada	191	(a) M.	60-60-60	1.50-1.50-1.50
1896 N. H	7	5 M.	60-60-60	.90-1.65-1.15
1896 Pa	7	2 M.	57-60-59	1.47-1.75-1.61
1896 Canada	191	(a) M.	60-60-60	1.50-1.50-1.50

BELTING AND HOSE MAKERS, RUBBER.

1884 N. J	323	82 M.	60-60-60	1.67-2.00-1.78
1885 N. J	1	20 M.	60-60-60	1.75-1.75-1.75
1885 N. J	324	24 F.	(a)	1.50-2.50-1.83
1886 Ill	2	20 M.	60-60-60	2.00-2.00-2.00
1886 Ill	208	23 (a)	60-60-60	2.00-2.00-2.00
1888 N. J	326	30 M.	(a)	1.67-2.08-1.81
1892 France	505	(a) M.	60-60-60	.68- .87- —
1894 France	129	(a) M.	(a)	.48-1.16- —

BELT MAKERS.

1834 Conn	8	1 M.	72-72-72	1.50-1.50-1.50
1864 Germany	610	(a) M.	(a)	.43- .49- —
1864 Germany	610	(a) M.	(a)	c .16- .20- —
1870 Germany	185	(a) M.	(a)	.42- .72- —
1870 Germany	185	(a) F.	(a)	.20- .28- —
1873 Germany	177	(a) M.	(a)	.48- .48- .48
1874 Germany	177	(a) M.	(a)	.48- .48- .48
1875 Germany	177	(a) M.	(a)	.48- .48- .48
1876 Germany	177	(a) M.	(a)	.48- .48- .48
1877 Germany	177	(a) M.	(a)	.48- .48- .48
1878 Germany	177	(a) M.	(a)	.48-1.17- —
1884 N. J	323	37 M.	60-60-60	1.67-2.00-1.80
1886 Ill	208	11 (a)	60-60-60	1.75-1.75-1.75
1886 R. I	7	1 M.	60-60-60	2.00-2.00-2.00
1888 N. J	326	13 M.	(a)	1.67-2.08-1.99
1888 N. Y	331	3 M.	60-60-60	2.50-2.50-2.50
1890 Mich	282	1 M.	60-60-60	1.67-1.67-1.67
1890 N. Y	333	3 M.	(a)	1.64-1.64-1.64
1893 Mo	302	15 M.	60-60-60	2.25-2.25-2.25
1893 Ohio	374	21 M.	60-60-60	1.75-2.10-1.90
1893 Ohio	374	14 F.	(a)	1.07-1.07-1.07
1894 Ohio	375	16 M.	54-60-58	1.75-1.94-1.87
1895 Mass	7	2 M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	25 M.	54-60-59	1.50-1.89-1.73
1896 Mass	8	1 M.	60-60-60	2.17-2.17-2.17
1896 Ohio	377	18 M.	60-60-60	1.60-1.94-1.77
1896 R. I	7	3 M.	60-60-60	2.00-2.25-2.17
1898 Nebr	314	4 (a)	48-48-48	2.00-2.25-2.10

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BENDERS, AGRICULTURAL IMPLEMENTS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.....	331	2	M.	60-60-60	1.25-1.25-1.25	1896 Mass	8	4	M.	60-60-60	1.50-2.00-1.75

BENDERS, CARRIAGE AND WAGON MATERIAL.

1884 Canada ...	466	(a)	M.	60-60-60	1.50-1.50-1.50	1895 Ohio	376	8	M.	c 54-54-54	1.35-1.50-1.48
1885 Canada ...	467	(a)	M.	56-64 —	1.24-1.30- —	1896 Conn.....	8	2	M.	60-60-60	1.00-1.50-1.25
1889 Canada ...	471	(a)	M.	59-59-59	1.28-1.28-1.28	1896 Mich.....	288	16	(a)	60-60-60	.67-2.25-1.50
1891 N. Y.....	333	3	M.	(a)	1.25-1.30-1.28	1896 Ohio	8	5	M.	60-60-60	1.50-1.50-1.50
1894 N. Y.....	8	9	M.	60-60-60	1.25-2.50-1.61	1896 Ohio	377	8	M.	49-49-49	1.48-1.48-1.48
1894 Ohio	375	43	M.	b 54-60-59	1.40-1.60-1.47	1897 Conn.....	8	1	M.	60-60-60	1.50-1.50-1.50
1895 N. Y.....	8	7	M.	60-60-60	1.37-2.00-1.70						

BENDERS, CELLULOID GOODS.

1885 N. Y.....	7	12	F.	59-59-59	.50- .75- .63	1895 N. Y.....	7	8	F.	59-59-59	.50- .75- .63

BENDERS, COMBS.

1850 Mass	8	1	F.	60-60-60	.50- .50- .50	1895 Mass	8	1	M.	60-60-60	1.10-1.10-1.10
1892 France....	505	(a)	M.	72-72-72	.48- .48- .48						

BENDERS, GLASS.

1888 N. Y.....	331	2	M.	55-60-58	2.00-3.33-2.67	1889 Germany..	550	(a)	M.	(a)	1.19-1.19-1.19
1888 Germany..	558	(a)	(a)	60-60-60	.95-1.98- —						

BENDERS' HELPERS, CARRIAGE AND WAGON MATERIAL.

1894 N. Y.....	8	4	M.	60-60-60	1.00-1.50-1.19	1895 N. Y.....	8	2	M.	60-60-60	1.25-1.50-1.38
1894 Ohio	375	4	M.	60-60-60	1.25-1.25-1.25	1895 Ohio	376	13	M.	c 60-60-60	1.00-1.37-1.20

BENDERS, NEEDLES AND PINS.

1835 England ..	8	(a)	F.	60-60-60	.42- .42- .42	1895 Conn.....	8	4	F.	60-60-60	1.25-1.25-1.25
1865 Canada ...	8	(a)	M.	60-60-60	1.50-1.75- —	1895 N. H	8	2	M.	60-60-60	1.75-1.75-1.75

BENDERS, PAPER PRODUCTS.

1885 N. J	7	3	F.	(a)	.62- .73- .68	1895 N. J	7	1	M.	59-59-59	.53- .53- .53
1887 N. Y.....	3	2	F.	59-59-59	.67- .67- .67	1895 N. J	7	4	F.	48-48-48	.50- .75- .60

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BENDERS, SHEEP SHEARS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 England ..	563	(a) M.	70-70-70	1.22-1.22-1.22	1878 England ..	43	(a) (a)	(a)	1.30-1.30-1.30
1850 England ..	563	(a) M.	70-70-70	1.22-1.22-1.22	1883 England ..	43	(a) (a)	(a)	1.30-1.30-1.30
1860 England ..	563	(a) M.	70-70-70	1.42-1.42-1.42	1895 Pa	8	1 M.	60-60-60	1.50-1.50-1.50

BERRY PICKERS.

1893 Md.....	10	2 M.	72-72-72	.83-1.00- .92	1893 Md.....	10	6 F.	60-72-70	.50-1.33- .76

BEVELERS, ELECTROTYPING.

1865 Pa	8	1 M.	60-60-60	2.50-2.50-2.50	1895 Pa	8	2 M.	60-60-60	2.33-2.66-2.50

BEVELERS, GLASS.

1888 N. Y.....	331	72 M.	57-57-57	1.33-1.33-1.33	1895 Ohio	376	24 M.	60-60-60	.75-2.25-1.63
1890 N. Y.....	333	9 M.	(a)	2.50-2.50-2.50	1895 Australia .	426	(a) (a)	(a)	1.82-2.43- —
1891 N. Y.....	333	3 M.	(a)	2.50-2.67-2.56	1896 Ohio	377	2 M.	60-60-60	2.50-2.50-2.50
1891 Scotland ..	576	(a) M.	54-54-54	1.28-1.46- —	1896 Australia .	427	(a) (a)	(a)	1.82-2.43- —
1892 Australia .	424	(a) M.	(a)	1.95-2.03- —	1896 England ..	592	(a) M.	(a)	1.12-1.24- —
1893 Ill	10	1 M.	58-58-58	2.50-2.50-2.50	1897 Australia .	428	(a) (a)	(a)	1.22-2.43- —
1893 N. Y.....	10	1 M.	55-55-55	2.00-2.00-2.00	1897 France....	511	(a) M.	72-72-72	.93-1.62- —
1893 Ohio	374	4 M.	60-60-60	1.50-3.00-2.00	1898 Australia .	429	(a) (a)	(a)	1.22-2.43- —
1894 Ohio	375	4 M.	60-60-60	2.00-2.00-2.00	1898 France....	512	(a) M.	54-60 —	1.04-1.54- —
1894 Australia .	425	(a) (a)	(a)	1.82-2.43- —					

BEVELERS, IRON AND STEEL.

1884 France....	178	(a) M.	60-60-60	.63- .89- —	....	.....	....	....	...	.....	.....

BICYCLE REPAIRERS.

1896 N. Y.....	336	11 M.	(a)	.67-3.00-1.90	1898 Mich.....	290	10 M.	(a)	1.36-1.47-1.44
1896 Ohio	377	10 M.	60-60-60	1.75-1.75-1.75					

BILLIARD-TABLE MAKERS.

1884 Germany..	178	(a) M.	(a)	.72- .72- .72	1895 Australia .	426	(a) (a)	(a)	2.19-2.19-2.19
1891 Belgium ..	457	(a) M.	66-66-66	.29- .68- —	1896 Australia .	427	(a) (a)	(a)	2.19-2.19-2.19
1892 Cal.....	196	4 M.	54-54-54	3.00-3.50-3.13	1897 Australia .	428	(a) (a)	(a)	1.62-2.43- —
1892 Australia .	424	(a) M.	(a)	2.19-2.29- —	1898 Australia .	429	(a) (a)	(a)	1.62-2.43- —
1894 Australia .	425	(a) (a)	(a)	2.19-2.19-2.19					

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BILL POSTERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Belgium ..	177	(a) M.	(a)	0.92-1.00- —	1893 N. Y.....	10	1 M.	72-72-72	3.33-3.33-3.33
1882 Mo.....	294	1 M.	66-66-66	2.00-2.00-2.00	1893 Pa	10	1 M.	58-58-58	2.00-2.00-2.00
1884 Mich	278	2 M.	(a)	.96-1.00- .98	1897 N. Y.....	337	25 M.	54-54-54	1.83-1.83-1.83
1887 N. Y.....	4	2 M.	(a)	1.92-3.45-2.69	1898 N. Y.....	338	18 M.	54-54-54	1.57-1.57-1.57
1887 Pa	4	1 M.	(a)	1.53-1.53-1.53	1898 England ..	594	(a) (a)	b 54-57 —	1.05-1.14- —
1888 N. Y.....	331	1 M.	(a)	1.75-1.75-1.75	1898 Ireland ...	594	(a) (a)	(a)	1.01-1.10- —

BINDERS, BOOTS AND SHOES.

1839 England ..	563	(a)	F.	60-60-60	.28- .28- .28	1875 Mass	270	3	F.	(a)	.72- .72- .72
1841 England ..	625	(a)	F.	72-72-72	.18- .18- .18	1878 France....	177	(a)	(a)	(a)	.25- .40- —
1849 England ..	563	(a)	F.	60-60-60	.32- .32- .32	1885 Mass	1	1	F.	60-60-60	1.25-1.25-1.25
1859 England ..	563	(a)	F.	60-60-60	.41- .41- .41	1887 Mass	3	2	F.	c 54-54-54	1.17-1.67-1.42
1863 Ireland ...	565	(a)	(a)	60-60-60	.32- .32- .32	1888 Ind	3	1	F.	59-59-59	.67- .67- .67
1866 Scotland ..	566	(a)	M.	(a)	.53- .53- .53	1888 Me	254	1	F.	60-60-60	1.25-1.25-1.25
1871 Ireland ...	568	(a)	M.	(a)	.97-1.22- —	1891 Me	257	7	(a)	(a)	1.74-1.74-1.74
1872 Ireland ...	185	(a)	M.	(a)	.97-1.21- —	1892 Me	258	2	F.	(a)	1.17-1.50-1.34
1872 Italy	185	(a)	F.	66-66-66	.29- .29- .29						

BINDERS, COTTON GOODS.

1892 Russia	692	(a)	(a)	(a)	.15- .54- —	....	.....	....	....	....	.....	.....

BINDERS, HATS AND CAPS.

1869 Spain	609	(a)	F.	(a)	.20- .20- .20	1886 N. J	325	20	F.	(a)	1.67-1.67-1.67
1870 Spain	610	(a)	F.	(a)	.24- .24- .24	1887 Mass	3	2	F.	42-60-51	1.33-1.33-1.33
1883 N. J	322	3	F.	60-60-60	(a)-3.33-2.00	1888 N. Y.....	331	4	M.	(a)	1.50-1.50-1.50
1884 Conn.....	2	7	F.	60-60-60	.85- .85- .85	1888 N. Y.....	331	2	(a)	(a)	1.33-1.33-1.33
1884 N. J	323	2	F.	60-60-60	1.33-1.33-1.33	1890 N. Y.....	333	2	M.	(a)	1.25-2.50-1.88
1884 Canada ...	466	(a)	M.	59-59-59	2.39-2.39-2.39	1891 N. Y.....	333	3	M.	(a)	1.50-2.50-1.83
1885 Conn.....	2	8	F.	60-60-60	1.25-1.55-1.40	1893 N. J	327	2	F.	c 57-57-57	3.33-3.33-3.33
1885 Canada ...	467	(a)	F.	58-59 —	.78- .78- .78	1896 Conn.....	8	4	F.	60-60-60	1.25-1.25-1.25
1886 N. J	3	4	F.	d 47-50-49	.50-1.17- .85	1898 N. J	329	11	F.	60-60-60	1.67-1.67-1.67

BINDERS, RUBBER GOODS.

1867 Germany .	185	(a)	(a)	63-63-63	.48- .72- —	....	.....	....	....	....	.....	.....

BIRD-CAGE MAKERS.

1885 Ky.....	1	15	M.	60-60-60	.75-2.00-1.58	1891 N. Y.....	333	20	M.	(a)	1.00-2.67-2.00
1885 N. Y.....	7	5	M.	60-60-60	1.67-2.00-1.87	1893 N. Y.....	10	1	M.	50-50-50	2.00-2.00-2.00
1885 N. Y.....	7	3	F.	60-60-60	.67- .83- .72	1895 N. Y.....	7	6	M.	60-60-60	1.67-2.33-2.11
1889 Portugal ..	691	(a)	(a)	(a)	.22- .68- —	1895 N. Y.....	7	2	F.	60-60-60	.75-1.00- .88
1890 N. Y.....	333	7	M.	(a)	.83-2.33-1.86	1896 Ohio	377	6	M.	60-60-60	1.50-1.50-1.50

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 1 person not reported.
d Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BISCUIT MAKERS, CLAY AND POTTERY PRODUCTS.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884 W. Va	7	15	F.	59-59-59	0.50-0.70-0.58
1886 N. Y	7	7	F.	53-53-53	.50- .67- .57
1896 N. Y	7	9	F.	53-53-53	0.58-0.67-0.64
1896 W. Va	7	30	F.	59-59-59	.50- .70- .62

BISQUE WORKERS, CLAY AND POTTERY PRODUCTS.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892 Ohio	373	63	(a)	57-59-58	.60-2.00- .83

BLACKASHMEN, CHEMICALS.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1878 England	177	(a)	M.	(a)	1.33-1.33-1.33
1895 England	591	(a)	M.	(a)	1.04-1.21- —

BLACKERS, BOOTS AND SHOES.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1881 Mass	7	1	F.	60-60-60	1.00-1.00-1.00
1885 N. J	324	3	F.	60-60-60	.42- .42- .42
1886 N. J	3	1	F.	59-59-59	.33- .33- .33
1886 N. J	325	2	F.	60-60-60	.50- .50- .50
1887 Ill	3	1	F.	60-60-60	.33- .33- .33
1887 N. Y	3	2	F.	56-58-57	.50- .65- .58
1888 Ind	3	1	F.	56-56-56	.25- .25- .25
1888 N. Y	331	1	M.	60-60-60	.67- .67- .67
1892 Ill	210	3	F.	56-56-56	.50- .50- .50
1893 N. Y	10	2	M.	60-60-60	.75- .83- .79
1893 Pa	10	1	M.	60-60-60	1.25-1.25-1.25
1894 N. Y	8	2	M.	60-60-60	.50-1.00- .75
1894 Ohio	375	15	M.	60-60-60	1.00-1.00-1.00
1895 Mass	7	6	F.	58-58-58	.73-1.45-1.11
1895 Mass	8	12	M.	b 54-60-59	1.00-2.00-1.25
1895 Mass	8	1	F.	60-60-60	1.25-1.25-1.25
1895 N. Y	8	2	M.	60-60-60	.58- .67- .63
1895 N. Y	8	1	F.	60-60-60	.42- .42- .42
1896 Mass	8	1	M.	60-60-60	1.33-1.33-1.33

BLACKERS, FOUNDRY AND MACHINE SHOP.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870 Me	8	1	M.	60-60-60	.75- .75- .75
1874 England	569	(a)	M.	52-52-52	1.26-1.26-1.26
1877 Ohio	359	2	M.	(a)	2.50-2.50-2.50
1883 Mass	273	3	M.	(a)	1.50-1.50-1.50
1885 Mich	1	1	M.	60-60-60	1.25-1.25-1.25
1885 N. Y	1	7	M.	60-60-60	1.25-1.50-1.46
1885 Ohio	1	2	M.	60-60-60	1.33-1.33-1.33
1886 N. J	325	17	M.	(a)	1.50-1.50-1.50
1888 N. Y	331	3	M.	60-60-60	1.50-1.50-1.50
1895 Me	8	1	M.	60-60-60	.75- .75- .75

BLACKERS, LEATHER.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1856 Mass	190	2	M.	66-66-66	1.00-1.00-1.00
1857 Mass	190	2	M.	66-66-66	1.00-1.17-1.09
1858 Mass	190	1	M.	66-66-66	1.00-1.00-1.00
1859 Mass	190	1	M.	66-66-66	1.00-1.00-1.00
1860 Mass	190	1	M.	66-66-66	1.00-1.00-1.00
1861 Mass	190	1	M.	66-66-66	1.00-1.00-1.00
1862 Mass	190	1	M.	66-66-66	1.17-1.17-1.17
1863 Mass	190	1	M.	66-66-66	1.17-1.17-1.17
1864 Mass	190	1	M.	66-66-66	1.33-1.33-1.33
1865 Mass	190	2	M.	66-66-66	1.33-1.33-1.33
1866 Mass	190	2	M.	66-66-66	1.33-1.83-1.58
1867 Mass	190	2	M.	66-66-66	1.33-1.83-1.58
1868 Mass	190	5	M.	66-66-66	1.33-1.83-1.70
1869 Mass	190	7	M.	66-66-66	1.67-2.00-1.86
1870 Mass	190	8	M.	60-60-60	1.67-2.00-1.92
1871 Mass	190	6	M.	60-60-60	1.67-2.00-1.89
1872 Mass	190	8	M.	60-60-60	1.67-2.00-1.83
1873 Mass	190	9	M.	60-60-60	1.67-2.00-1.89
1874 Mass	190	6	M.	60-60-60	1.67-2.00-1.89
1875 Mass	190	3	M.	60-60-60	1.67-1.67-1.67
1876 Mass	190	5	M.	60-60-60	1.50-1.67-1.61
1877 Mass	190	3	M.	60-60-60	1.50-1.67-1.61
1878 Mass	190	3	M.	60-60-60	1.67-1.67-1.67
1879 Mass	190	4	M.	60-60-60	1.42-1.67-1.50
1879 Pa	384	1	(a)	(a)	1.00-1.00-1.00
1880 Mass	190	6	M.	60-60-60	1.50-1.92-1.63
1881 Mass	190	6	M.	60-60-60	1.50-1.92-1.63
1882 Mass	190	5	M.	60-60-60	1.50-1.92-1.65
1883 Mass	190	7	M.	60-60-60	1.50-1.92-1.61
1884 Mass	190	8	M.	60-60-60	1.50-1.92-1.66
1885 Mass	190	6	M.	60-60-60	1.50-1.75-1.57
1886 Mass	2	24	M.	59-59-59	1.83-2.00-1.94
1886 Mass	190	7	M.	60-60-60	1.33-1.75-1.56
1886 N. J	2	8	M.	59-59-59	2.00-2.00-2.00
1887 Mass	190	4	M.	60-60-60	1.50-1.83-1.67
1888 Mass	190	4	M.	60-60-60	1.50-1.67-1.58
1889 Mass	190	2	M.	60-60-60	1.50-1.50-1.50
1889 Portugal	691	(a)	(a)	(a)	.49- .59- —
1890 Mass	190	1	M.	60-60-60	1.50-1.50-1.50
1891 Mass	190	1	M.	60-60-60	1.67-1.67-1.67
1891 N. Y	333	4	M.	(a)	1.67-1.67-1.67
1892 Mass	190	1	M.	60-60-60	1.67-1.67-1.67
1892 France	505	(a)	F.	66-66-66	c .29- .53- —
1894 N. Y	8	24	M.	60-60-60	1.50-1.50-1.50

a Not reported.
b Not including hours of 2 persons not reported.
c And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKERS, LEATHER GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y.	333	1 M.	(a)	0.67-0.67-0.67
1894 Ohio	375	3 M.	60-60-60	1.08-1.08-1.08
1895 Mass	8	2 M.	60-60-60	1.00-1.00-1.00
1895 N. J	8	1 M.	60-60-60	1.00-1.00-1.00
1895 N. Y.	8	3 M.	60-60-60	0.70-1.70-1.03
1895 N. Y.	8	1 F.	60-60-60	.85- .85- .85
1895 Ohio	376	3 M.	60-60-60	1.25-1.25-1.25
1896 Ohio	377	2 M.	60-60-60	1.00-1.00-1.00

BLACKLEADERS, ELECTROTYPING.

1865	Pa	8	1	M.	60-60-60	2.50-2.50-2.50	1895	Pa	8	3	M.	60-60-60	.75-1.33- .94
1876	Pa	8	1	M.	60-60-60	2.00-2.00-2.00							

BLACKSMITHS.

1810	Scotland	572	(a)	(a)	60-60-60	.57- .57- .57	1834	England	572	(a)	(a)	(a)	.73-1.42- —
1811	Scotland	572	(a)	(a)	60-60-60	.61- .61- .61	1834	Ireland	572	(a)	(a)	(a)	.41- .41- .41
1812	England	624	(a)	M.	(a)	.49- .49- .49	1835	N. J	8	2	M.	60-60-60	2.00-2.00-2.00
1812	Scotland	572	(a)	(a)	60-60-60	.61- .61- .61	1836	Belgium	610	(a)	M.	(a)	.39- .39- .39
1812	Scotland	624	(a)	M.	(a)	.65- .65- .65	1837	Wales	625	(a)	M.	(a)	.75- .75- .75
1813	Scotland	572	(a)	(a)	60-60-60	.61- .61- .61	1838	Wales	625	(a)	M.	(a)	.81- .81- .81
1813	Scotland	624	(a)	M.	(a)	.65- .65- .65	1839	England	562	(a)	M.	61-61-61	1.42-1.42-1.42
1814	Scotland	572	(a)	(a)	60-60-60	.61- .61- .61	1839	England	563	(a)	(a)	60-60-60	1.46-1.46-1.46
1814	Scotland	624	(a)	M.	(a)	.73- .73- .73	(b)	Germany	609	(a)	(a)	(a)	.24- .24- .24
1815	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1839	Wales	625	(a)	M.	(a)	.81- .81- .81
1815	Scotland	624	(a)	M.	(a)	1.01-1.01-1.01	1840	Me	8	1	M.	60-60-60	2.00-2.00-2.00
1816	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1840	Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1816	Scotland	624	(a)	M.	(a)	.85- .85- .85	1840	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1817	Scotland	572	(a)	(a)	60-60-60	.69- .69- .69	1840	N. Y.	190	8	M.	60-60-60	1.25-1.75-1.45
1817	Scotland	624	(a)	M.	(a)	.81- .81- .81	1840	Pa	8	4	M.	60-60-60	2.25-2.25-2.25
1818	Scotland	572	(a)	(a)	60-60-60	.69- .69- .69	1840	England	564	(a)	(a)	50-61 —	.77-1.10- —
1818	Scotland	624	(a)	M.	(a)	.81- .81- .81	1840	Scotland	563	(a)	(a)	60-60-60	.77- .89- —
1819	Scotland	572	(a)	(a)	60-60-60	.69- .69- .69	1840	Wales	625	(a)	M.	(a)	.75- .75- .75
1819	Scotland	624	(a)	M.	(a)	.81- .81- .81	1841	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1820	England	624	(a)	M.	(a)	.65- .65- .65	1841	N. Y.	190	8	M.	60-60-60	1.25-1.75-1.45
1820	Scotland	624	(a)	M.	(a)	.81- .81- .81	1841	England	625	(a)	(a)	(a)	.69- .85- —
1821	Ireland	572	(a)	(a)	(a)	.51- .51- .51	1841	Wales	625	(a)	M.	(a)	.75- .75- .75
1821	Scotland	624	(a)	M.	(a)	.65- .65- .65	1842	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1822	Ireland	572	(a)	(a)	(a)	.51- .51- .51	1842	N. Y.	190	7	M.	60-60-60	1.25-1.75-1.54
1822	Scotland	624	(a)	M.	(a)	.65- .65- .65	1843	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1823	Ireland	572	(a)	(a)	(a)	.49- .49- .49	1843	N. Y.	190	9	M.	60-60-60	1.25-1.63-1.43
1823	Scotland	624	(a)	M.	(a)	.65- .65- .65	1843	England	572	(a)	(a)	72-72-72	.73- .97- —
1824	Ireland	572	(a)	(a)	(a)	.49- .49- .49	1844	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1824	Scotland	624	(a)	M.	(a)	.65- .65- .65	1844	N. Y.	190	11	M.	60-60-60	1.13-1.88-1.42
1825	Mass	8	1	M.	66-66-66	1.50-1.50-1.50	1844	England	572	(a)	(a)	c72-72-72	.73- .97- —
1825	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1845	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1825	Scotland	624	(a)	M.	(a)	.65- .65- .65	1845	N. H	190	1	M.	66-66-66	1.17-1.17-1.17
1826	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1845	N. Y.	8	2	M.	72-72-72	1.00-1.00-1.00
1826	Scotland	624	(a)	M.	(a)	.65- .65- .65	1845	N. Y.	190	14	M.	60-60-60	1.00-1.88-1.46
1827	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1845	England	572	(a)	(a)	72-72-72	1.10-1.10-1.10
1827	Scotland	624	(a)	M.	(a)	.61- .61- .61	1846	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1828	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1846	N. H	190	2	M.	66-66-66	1.17-1.33-1.25
1828	Scotland	624	(a)	M.	(a)	.61- .61- .61	1846	N. Y.	190	13	M.	60-60-60	1.13-1.88-1.50
1829	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1846	Belgium	610	(a)	M.	(a)	.48- .48- .48
1829	Scotland	624	(a)	M.	(a)	.61- .61- .61	1846	Belgium	632	(a)	(a)	(a)	.34- .34- .34
1830	England	624	(a)	M.	(a)	.65- .65- .65	1847	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1830	Ireland	572	(a)	(a)	(a)	.45- .45- .45	1847	N. Y.	190	16	M.	60-60-60	1.25-2.00-1.70
1830	Scotland	624	(a)	M.	(a)	.61- .61- .61	1847	England	572	(a)	(a)	(a)	.73-1.22- —
1831	Ireland	572	(a)	(a)	(a)	.41- .41- .41	1848	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1831	Scotland	572	(a)	(a)	60-60-60	.69- .69- .69	1848	N. H	190	1	M.	60-60-60	1.25-1.25-1.25
1831	Scotland	624	(a)	M.	(a)	.61- .61- .61	1848	N. Y.	8	1	M.	60-60-60	1.50-1.50-1.50
1832	Ireland	572	(a)	(a)	(a)	.41- .41- .41	1848	N. Y.	190	24	M.	60-60-60	1.13-2.00-1.57
1832	Scotland	624	(a)	M.	(a)	.61- .61- .61	1848	England	572	(a)	(a)	72-72-72	.73-1.10- —
1833	Ireland	572	(a)	(a)	(a)	.41- .41- .41	1849	Mass	190	1	M.	78-78-78	1.50-1.50-1.50
1833	Scotland	624	(a)	M.	(a)	.61- .61- .61	1849	N. H	190	1	M.	60-60-60	1.25-1.25-1.25

a Not reported.
b Average for 1830–39.
c Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1849 N. Y.	190	17 M.	60-60-60	1.13-2.00-1.68
1849 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1849 Pa	8	1 M.	72-72-72	1.50-1.50-1.50
1849 Pa	190	2 M.	60-60-60	1.70-1.70-1.70
1849 England	562	(a) M.	61-61-61	1.42-1.42-1.42
1849 England	563	(a) (a)	60-60-60	1.46-1.46-1.46
1849 England	572	(a) (a)	72-72-72	.73- .97- —
(b) Germany	609	(a) (a)	(a)	.26- .26- .26
1850 Conn	8	3 M.	60-60-60	1.50-1.50-1.50
1850 Mass	190	1 M.	72-72-72	1.50-1.50-1.50
1850 N. H	190	1 M.	60-60-60	1.33-1.33-1.33
1850 N. Y.	8	4 M.	60-72-63	1.50-1.80-1.58
1850 N. Y.	190	21 M.	60-60-60	1.13-2.00-1.58
1850 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1850 Pa	190	2 M.	60-60-60	1.70-1.70-1.70
1850 England	45	(a) M.	(a)	.95- .95- .95
1850 England	564	(a) (a)	50-61 —	.89-1.22- —
1850 Ireland	563	(a) (a)	60-60-60	.97- .97- .97
1850 Scotland	563	(a) (a)	60-60-60	.81- .89- —
1851 Mass	190	2 M.	72-72-72	1.50-1.75-1.63
1851 N. H	190	1 M.	60-60-60	1.33-1.33-1.33
1851 N. Y.	190	20 M.	60-60-60	1.00-2.00-1.56
1851 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1851 Pa	190	2 M.	60-60-60	1.70-1.70-1.70
1852 Mass	190	2 M.	72-72-72	1.50-1.75-1.63
1852 N. H	190	1 M.	60-60-60	1.42-1.42-1.42
1852 N. Y.	190	29 M.	60-60-60	1.25-2.00-1.63
1852 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1852 Pa	190	2 M.	60-60-60	1.70-1.70-1.70
1852 England	575	(a) M.	61-61-61	.91- .91- .91
1853 Conn	190	12 M.	60-60-60	1.17-2.25-1.62
1853 Mass	190	3 M.	72-72-72	1.08-1.75-1.44
1853 N. H	190	3 M.	60-60-60	1.33-1.75-1.53
1853 N. Y.	190	25 M.	60-60-60	1.13-2.00-1.65
1853 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1853 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1853 France	113	(a) M.	(a)	.37- .97- —
1854 Conn	190	15 M.	c 60-60-60	1.17-2.50-1.82
1854 Mass	190	3 M.	72-72-72	1.08-1.75-1.44
1854 N. H	190	4 M.	60-60-60	1.50-1.50-1.50
1854 N. Y.	190	31 M.	60-60-60	1.13-2.50-1.69
1854 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1854 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1854 S. C.	8	1 M.	60-60-60	2.00-2.00-2.00
1855 Conn	190	5 M.	c 60-60-60	1.50-2.00-1.75
1855 Me	8	1 M.	60-60-60	2.00-2.00-2.00
1855 Md	190	6 M.	60-60-60	1.50-1.67-1.53
1855 Mass	190	5 M.	66-72-70	1.42-1.75-1.68
1855 N. H	190	2 M.	60-60-60	1.50-1.67-1.59
1855 N. J	8	1 M.	60-60-60	1.50-1.50-1.50
1855 N. Y.	8	3 M.	72-72-72	1.50-2.50-2.17
1855 N. Y.	190	30 M.	60-60-60	1.06-2.00-1.69
1855 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1855 Pa	190	4 M.	60-60-60	1.50-2.20-1.85
1855 Belgium	456	(a) (a)	(a)	.34- .34- .34
1855 England	561	(a) (a)	(a)	.97-1.38- —
1855 Ireland	561	(a) (a)	(a)	.49-1.18- —
1855 Scotland	561	(a) (a)	(a)	.81- .81- .81
1856 Conn	190	11 M.	60-60-60	1.17-2.00-1.61
1856 Md	190	7 M.	60-60-60	1.50-1.67-1.55
1856 Mass	190	4 M.	66-72-69	1.42-1.75-1.67
1856 N. H	190	1 M.	60-60-60	1.42-1.42-1.42
1856 N. Y.	190	34 M.	60-60-60	1.06-2.00-1.66
1856 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1856 Pa	8	1 M.	72-72-72	.77- .77- .77
1856 Pa	190	5 M.	60-60-60	1.50-2.50-2.00
1856 Belgium	610	(a) M.	(a)	.48- .48- .48
1856 England	561	(a) (a)	(a)	.97-1.38- —
1856 Ireland	561	(a) (a)	(a)	0.61-1.22- —
1856 Scotland	562	(a) M.	(a)	.81-1.05- —
1857 Conn	8	7 M.	60-60-60	1.50-1.50-1.50
1857 Conn	190	11 M.	60-60-60	1.17-2.25-1.80
1857 Conn	190	6 M.	60-60-60	1.50-1.67-1.56
1857 Md	190	5 M.	66-72-70	1.42-2.00-1.68
1857 Mass	190	1 M.	60-60-60	1.88-1.88-1.88
1857 N. J	8	1 M.	60-60-60	1.50-1.50-1.50
1857 N. Y.	190	34 M.	60-60-60	1.13-2.13-1.71
1857 Pa	190	4 M.	60-60-60	1.50-2.50-2.13
1857 Pa	384	1 M.	(a)	1.25-1.25-1.25
1857 England	561	(a) (a)	(a)	.97-1.38- —
1857 France	463	(a) (a)	(a)	.95- .95- .95
1857 Ireland	561	(a) (a)	(a)	.85-1.30- —
1857 Scotland	562	(a) M.	(a)	.81-1.05- —
1858 Conn	190	7 M.	60-60-60	1.25-2.25-1.83
1858 Fla	8	1 M.	60-60-60	1.50-1.50-1.50
1858 Md	190	2 M.	60-60-60	1.50-1.67-1.59
1858 Mass	190	5 M.	66-72-70	1.50-2.00-1.73
1858 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1858 N. J	190	1 M.	60-60-60	1.50-1.50-1.50
1858 N. Y.	190	23 M.	60-60-60	1.06-2.50-1.63
1858 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1858 Ohio	360	1 M.	(a)	1.00-1.00-1.00
1858 Pa	8	1 M.	72-72-72	1.50-1.50-1.50
1858 Pa	190	5 M.	60-60-60	1.50-2.20-1.91
1858 England	562	(a) M.	(a)	.97-1.38- —
1858 Ireland	563	(a) (a)	60-63 —	.81-1.22- —
1858 Scotland	562	(a) M.	(a)	1.01-1.01-1.01
1858 Scotland	563	(a) (a)	(a)	.73- .73- .73
1858 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1859 Conn	190	9 M.	60-60-60	1.25-2.50-1.92
1859 Fla	8	2 M.	60-60-60	1.50-1.50-1.50
1859 Md	190	6 M.	60-60-60	1.50-1.67-1.59
1859 Mass	190	5 M.	66-72-70	1.67-2.00-1.78
1859 N. H	190	1 M.	60-60-60	1.33-1.33-1.33
1859 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1859 N. Y	190	28 M.	60-60-60	1.06-3.00-1.65
1859 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1859 Pa	190	3 M.	60-60-60	2.20-2.34-2.25
1859 Canada	8	(a) M.	72-72-72	d .38- .38- .38
1859 England	563	(a) M.	58-63 —	.89-1.54- —
(e) Germany	609	(a) (a)	(a)	.32- .32- .32
1859 Ireland	563	(a) (a)	60-63 —	.81-1.22- —
1859 Scotland	563	(a) (a)	(a)	.73- .87- —
1859 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1860 Conn	190	2 M.	60-60-60	1.75-2.25-2.00
1860 Fla	8	3 M.	60-60-60	2.00-2.00-2.00
1860 Md	190	8 M.	60-60-60	1.50-1.83-1.61
1860 Mass	8	1 M.	60-60-60	1.25-1.25-1.25
1860 Mass	190	7 M.	66-72-69	1.67-2.00-1.81
1860 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1860 N. Y.	190	36 M.	60-60-60	1.13-3.00-1.78
1860 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1860 Ohio	361	4 M.	(a)	1.50-1.67-1.59
1860 Pa	190	5 M.	60-60-60	1.67-2.34-2.01
1860 Belgium	456	(a) (a)	(a)	.33- .33- .33
1860 England	45	(a) M.	(a)	.98-1.22- —
1860 England	564	(a) (a)	50-63 —	.85-1.38- —
1860 France	609	(a) (a)	(a)	.77- .97- —
1860 Germany	185	(a) M.	(a)	.18- .18- .18
1860 Germany	609	(a) (a)	(a)	.39- .73- —
1860 Ireland	563	(a) (a)	60-63 —	.89-1.22- —
1860 Russia	609	(a) (a)	(a)	.45- .53- —
1860 Scotland	563	(a) (a)	f 60-60-60	.73-1.22- —
1860 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1861 Conn	190	2 M.	60-60-60	1.75-2.25-2.00
1861 Md	190	2 M.	60-60-60	1.50-1.67-1.59

(a) Not reported.
(b) Average for 1840–49.
(c) Not including hours of 1 person not reported.
(d) And board.
(e) Average for 1850–59.
(f) Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 Mass	190	6 M.	66-66-66	1.50-2.00-1.79
1861 N. H	190	1 M.	60-60-60	1.42-1.42-1.42
1861 N. Y	190	30 M.	60-60-60	1.13-3.00-1.83
1861 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1861 Pa	190	6 M.	60-60-60	1.75-2.34-2.00
1861 England	564	(a) (a)	b57-63 —	.77-1.38- —
1861 Scotland	564	(a) (a)	c60-60-60	.81-1.01- —
1861 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1862 Conn	190	11 M.	60-60-60	1.13-2.50-1.85
1862 Md	190	4 M.	60-60-60	1.42-1.50-1.48
1862 Mass	190	5 M.	66-66-66	1.67-2.00-1.88
1862 N. H	190	2 M.	60-60-60	1.50-1.58-1.54
1862 N. Y	190	28 M.	60-60-60	1.13-3.00-1.98
1862 Ohio	190	4 M.	60-60-60	1.50-1.75-1.63
1862 Pa	190	4 M.	60-60-60	1.75-2.34-2.02
1862 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1863 Conn	190	17 M.	60-60-60	1.20-2.50-1.92
1863 Md	190	6 M.	60-60-60	1.75-2.00-1.83
1863 Mass	190	5 M.	66-66-66	1.67-2.00-1.93
1863 N. H	190	2 M.	60-60-60	1.50-1.67-1.59
1863 N. J	190	1 M.	60-60-60	1.66-1.66-1.66
1863 N. Y	190	37 M.	60-60-60	1.00-3.00-1.96
1863 Ohio	190	3 M.	60-60-60	1.75-2.00-1.92
1863 Pa	190	5 M.	60-60-60	1.92-2.50-2.15
1863 Pa	384	1 M.	(a)	1.50-1.50-1.50
1863 S. C	8	1 M.	60-60-60	2.50-2.50-2.50
1863 Belgium	610	(a) M.	(a)	.58- .58- .58
1863 England	565	(a) (a)	d57-63 —	.53-1.38- —
1863 Ireland	565	(a) (a)	e60-63 —	.55-1.18- —
1863 Scotland	565	(a) (a)	(a)	.81-1.22- —
1863 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1864 Conn	8	3 M.	60-60-60	2.50-2.50-2.50
1864 Conn	190	14 M.	60-60-60	1.60-3.50-2.42
1864 Md	190	8 M.	60-60-60	2.00-3.50-2.56
1864 Mass	190	7 M.	60-66-64	1.75-2.25-2.00
1864 N. H	190	2 M.	60-60-60	1.50-1.91-1.71
1864 N. J	190	4 M.	60-60-60	2.00-3.00-2.56
1864 N. Y	190	46 M.	60-60-60	1.13-4.00-2.13
1864 Ohio	190	3 M.	60-60-60	2.25-2.75-2.58
1864 Pa	190	5 M.	60-60-60	2.25-3.00-2.58
1864 Germany	185	(a) M.	(a)	.20- .20- .20
1864 Germany	610	(a) M.	(a)	.49- .49- .49
1864 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1865 Conn	190	8 M.	60-60-60	2.00-3.50-2.67
1865 Md	190	9 M.	60-60-60	2.25-4.00-2.64
1865 Mass	190	6 M.	60-66-65	2.38-3.00-2.64
1865 N. H	190	2 M.	60-60-60	2.50-2.50-2.50
1865 N. J	8	2 M.	60-60-60	2.75-2.75-2.75
1865 N. J	190	7 M.	60-60-60	2.16-3.00-2.47
1865 N. Y	8	9 M.	60-60-60	2.00-3.25-2.92
1865 N. Y	190	38 M.	60-60-60	1.50-4.00-2.89
1865 Ohio	190	3 M.	60-60-60	2.50-3.00-2.83
1865 Pa	190	5 M.	60-60-60	2.50-3.34-2.80
1865 Belgium	456	(a) (a)	(a)	.39- .39- .39
1865 Germany	177	(a) M.	66-66-66	.60- .71- —
1865 Germany	185	(a) M.	(a)	.16- .16- .16
1865 Scotland	575	(a) M.	60-60-60	.93- .93- .93
1866 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1866 Conn	190	10 M.	60-60-60	2.00-3.50-2.73
1866 Me	8	1 M.	60-60-60	3.60-3.60-3.60
1866 Md	190	8 M.	60-60-60	2.50-4.00-2.78
1866 Mass	190	6 M.	60-66-65	2.38-3.00-2.71
1866 N. H	190	3 M.	60-60-60	2.17-2.50-2.39
1866 N. J	190	5 M.	60-60-60	2.75-3.25-2.93
1866 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1866 N. Y	190	37 M.	60-60-60	1.50-4.00-2.91
1866 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1866 Pa	190	7 M.	60-60-60	2.50-3.67-2.71
1866 England	566	(a) M.	59-63 —	.85-1.38- —
1866 Germany	177	(a) M.	66-66-66	.60- .71- —
1866 Germany	185	(a) M.	(a)	.16- .16- .16
1866 Ireland	566	(a) M.	59-59-59	.85-1.38- —
1866 Scotland	566	(a) M.	f57-60 —	.73-1.16- —
1866 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1867 Conn	190	10 M.	60-60-60	2.25-3.50-2.73
1867 Del	190	8 M.	60-60-60	2.00-3.00-2.40
1867 Ga	7	1 M.	66-66-66	2.33-2.33-2.33
1867 Md	190	7 M.	60-60-60	2.50-2.75-2.61
1867 Mass	190	5 M.	66-66-66	2.50-3.00-2.90
1867 N. H	190	3 M.	60-60-60	2.17-2.50-2.39
1867 N. J	190	4 M.	60-60-60	2.00-3.25-2.72
1867 N. Y	190	38 M.	60-60-60	1.50-4.00-2.98
1867 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1867 Pa	190	8 M.	60-60-60	2.50-3.67-2.75
1867 Germany	185	(a) M.	g66-72 —	.18- .72- —
1867 Germany	609	(a) (a)	63-72 —	.61- .73- —
1867 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1868 Conn	190	6 M.	60-60-60	2.50-3.50-2.92
1868 Del	190	5 M.	60-60-60	2.25-3.00-2.48
1868 Md	190	5 M.	60-60-60	2.50-2.75-2.60
1868 Mass	190	6 M.	60-66-65	2.50-3.08-2.90
1868 N. H	190	2 M.	60-60-60	2.25-2.25-2.25
1868 N. J	190	5 M.	60-60-60	2.00-3.25-2.78
1868 N. Y	190	33 M.	60-60-60	1.50-4.00-3.03
1868 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1868 Pa	190	7 M.	60-60-60	2.50-3.67-2.83
1868 Belgium	610	(a) (a)	60-60-60	.58- .68- —
1868 England	567	(a) M.	i58-63 —	.20-1.38- —
1868 France	38	(a) (a)	(a)	1.04-1.04-1.04
1868 Germany	177	(a) M.	66-66-66	.65- .77- —
1868 Germany	185	(a) M.	(a)	.18- .72- —
1868 Germany	185	(a) M.	(a)	j.18- .18- .18
1868 Germany	610	(a) M.	k60-75 —	.24-1.10- —
1868 Germany	610	(a) M.	(a)	l.18- .18- .18
1868 Ireland	567	(a) M.	60-60-60	.41-1.46- —
1868 Italy	185	(a) M.	(a)	.50- .50- .50
1868 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1869 Conn	190	8 M.	60-60-60	2.00-4.00-3.06
1869 Del	190	12 M.	60-72-61	2.17-3.33-2.48
1869 Md	190	6 M.	60-60-60	2.50-2.75-2.58
1869 Mass	190	6 M.	60-66-65	2.50-3.08-2.53
1869 N. H	190	2 M.	60-60-60	1.75-2.50-2.13
1869 N. J	190	2 M.	60-60-60	2.75-2.88-2.82
1869 N. Y	190	34 M.	60-60-60	1.50-3.90-2.92
1869 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1869 Pa	190	7 M.	60-60-60	2.60-3.67-2.88
1869 Aust-Hun	609	(a) (a)	(a)	.97-1.46- —
1869 Brazil	609	(a) (a)	(a)	.49- .73- —
1869 Denmark	609	(a) (a)	(a)	.82- .82- .82
1869 England	177	(a) M.	59-59-59	1.07-1.07-1.07
1869 France	609	(a) (a)	(a)	1.06-1.54- —
1869 Germany	177	(a) M.	66-66-66	.65- .77- —
1869 Germany	609	(a) (a)	72-72-72	1.20-1.20-1.20
1869 Greece	609	(a) (a)	(a)	.34- .43- —
1869 Italy	610	(a) M.	(a)	.58- .97- —
1869 Peru	609	(a) (a)	(a)	2.92-4.38- —
1869 Russia	185	(a) M.	(a)	.50- .58- —
1869 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1869 Spain	609	(a) (a)	(a)	.51- .61- —
1869 Turk. in A.	609	(a) (a)	(a)	.37- .97- —

a Not reported.
b Applies to but 11 of the 12 wage quotations.
c Applies to but 2 of the 4 wage quotations.
d Applies to but 11 of the 27 wage quotations.
e Applies to but 3 of the 6 wage quotations.
f Applies to but 9 of the 10 wage quotations.
g Applies to but 3 of the 4 wage quotations.
h Average for 1867-68.
i Applies to but 17 of the 21 wage quotations.
j And board and lodging.
k Applies to but 9 of the 15 wage quotations.
l And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Cal	16	30 M.	54-60-57	3.00-6.00-3.90
1870 Conn	190	8 M.	60-60-60	2.00-3.75-2.94
1870 Del	190	17 M.	60-60-60	2.00-4.00-2.49
1870 Ill	8	2 M.	60-60-60	3.00-3.50-3.25
1870 Ill	16	40 M.	60-60-60	2.50-3.75-3.05
1870 La	16	1 M.	60-60-60	4.50-4.50-4.50
1870 Md	16	32 M.	58-60-59	2.00-3.00-2.38
1870 Md	190	5 M.	60-60-60	2.25-2.75-2.55
1870 Mass	16	8 M.	59-60-60	1.75-4.50-3.41
1870 Mass	190	8 M.	60-66-62	2.50-3.08-2.81
1870 Minn	16	5 M.	60-60-60	2.75-3.00-2.85
1870 Mo	16	4 M.	60-60-60	2.50-2.50-2.50
1870 N. H	8	2 M.	60-60-60	2.50-2.50-2.50
1870 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1870 N. J	190	3 M.	60-60-60	3.00-3.13-3.04
1870 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1870 N. Y	16	9 M.	60-60-60	2.50-2.80-2.73
1870 N. Y	190	38 M.	60-60-60	1.50-4.00-2.85
1870 Ohio	16	19 M.	60-60-60	1.80-3.92-2.41
1870 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1870 Pa	16	36 M.	60-60-60	1.55-3.10-2.29
1870 Pa	190	9 M.	60-60-60	2.60-3.67-2.84
1870 Va	16	6 M.	60-60-60	2.00-2.50-2.42
1870 Algeria	610	(a) (a)	(a)	.93- .93- .93
1870 Belgium	16	(a) M.	(a)	.63- .77- —
1870 Belgium	456	(a) (a)	(a)	.42- .42- .42
1870 Brazil	610	(a) (a)	(a)	.73-1.95- —
1870 Chile	610	(a) (a)	(a)	1.83-3.65- —
1870 Egypt	610	(a) (a)	(a)	1.34-1.95- —
1870 England	16	(a) M.	58-58-58	1.30-1.30-1.30
1870 England	45	(a) M.	(a)	.95-1.22- —
1870 England	177	(a) M.	61-61-61	.80-1.20- —
1870 England	575	(a) M.	59-59-59	1.01-1.01-1.01
1870 France	16	(a) M.	(a)	1.16-1.45- —
1870 France	17	(a) M.	(a)	1.26-1.26-1.26
1870 Germany	177	(a) M.	66-66-66	.71- .83- —
1870 Germany	610	(a) M.	66-66-66	.26- .26- .26
1870 Germany	610	(a) M.	72-72-72	*b*.41- .46- —
1870 Greece	610	(a) (a)	(a)	.43- .86- —
1870 Italy	177	(a) (a)	(a)	.20- .70- —
1870 Italy	610	(a) M.	(a)	.39- .97- —
1870 Netherl'ds	610	(a) M.	60-72 —	.32- .45- —
1870 Norway	610	(a) M.	(a)	.49- .99- —
1870 Persia	610	(a) M.	(a)	.12- .12- .12
1870 Portugal	610	(a) M.	(a)	.24- .47- —
1870 Russia	610	(a) M.	(a)	.51-1.10- —
1870 Scotland	16	(a) M.	57-57-57	1.10-1.10-1.10
1870 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1870 Spain	610	(a) M.	(a)	.30- .51- —
1870 Switzerl'd	610	(a) M.	(a)	.27- .68- —
1870 Turk. in A.	610	(a) M.	(a)	.14-1.22- —
1870 Uruguay	610	(a) M.	(a)	2.03-2.03-2.03
1871 Cal	16	48 M.	54-60-56	3.00-6.00-3.53
1871 Conn	190	8 M.	60-60-60	2.00-3.75-2.97
1871 Del	190	16 M.	60-60-60	2.25-4.00-2.64
1871 Ill	8	1 M.	60-60-60	2.50-2.50-2.50
1871 Ill	16	48 M.	60-60-60	2.50-3.75-3.00
1871 La	16	1 M.	60-60-60	4.50-4.50-4.50
1871 Md	16	32 M.	58-60-59	2.00-3.00-2.38
1871 Md	190	5 M.	60-60-60	2.25-2.75-2.50
1871 Mass	16	8 M.	59-60-60	2.00-4.50-3.41
1871 Mass	190	7 M.	60-66-63	2.50-3.08-2.81
1871 Mass	267	73 M.	*c*59-66-60	2.16-3.50-2.36
1871 Minn	16	5 M.	60-60-60	2.75-3.00-2.85
1871 Mo	16	3 M.	60-60-60	2.60-2.60-2.60
1871 N. H	190	1 M.	60-60-60	2.25-2.25-2.25
1871 N. J	190	4 M.	60-60-60	2.63-3.13-2.94
1871 N. Y	16	7 M.	60-60-60	2.60-3.00-2.88
1871 N. Y	190	39 M.	60-60-60	1.60-4.00-2.89
1871 Ohio	16	21 M.	60-60-60	1.90-3.92-2.42
1871 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1871 Pa	16	30 M.	60-60-60	2.00-3.50-2.56
1871 Pa	190	9 M.	60-60-60	2.40-2.70-2.51
1871 Pa	384	1 M.	(a)	1.75-1.75-1.75
1871 Va	16	6 M.	60-60-60	2.00-2.50-2.42
1871 Argentina	611	(a) M.	(a)	1.46-2.92- —
1871 Belgium	16	(a) M.	(a)	.68- .97- —
1871 Brazil	611	(a) M.	*d* 60-60-60	.55-3.28- —
1871 Cuba	611	(a) M.	54-54-54	1.10-2.19- —
1871 England	16	(a) M.	54-58 —	1.30-1.46- —
1871 England	45	(a) M.	(a)	1.42-1.42-1.42
1871 England	568	(a) M.	*e* 60-60-60	.37-1.30- —
1871 England	577	(a) M.	(a)	.87- .87- .87
1871 England	629	(a) (a)	*f* 59-60 —	.77-5.68- —
1871 France	16	(a) M.	(a)	1.16-1.45- —
1871 France	17	(a) M.	(a)	1.26-1.26-1.26
1871 France	611	(a) M.	*g* 60-60-60	.77- .87- —
1871 France	712	(a) M.	(a)	.62-1.25- —
1871 Germany	177	(a) M.	66-66-66	.77- .95- —
1871 Germany	185	(a) M.	(a)	.33- .72- —
1871 Germany	185	(a) M.	(a)	*b* .33- .33- .33
1871 Ireland	568	(a) M.	60-60-60	1.10-1.14- —
1871 Italy	165	(a) (a)	(a)	.50- .50- .50
1871 Italy	610	(a) M.	*h* 60-60-60	.24-1.16- —
1871 Italy	611	(a) M.	(a)	.35- .91- —
1871 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1871 Netherl'ds	611	(a) M.	60-66 —	.45-1.34- —
1871 Norway	185	(a) (a)	(a)	.48- .97- —
1871 Peru	165	(a) (a)	(a)	1.84-4.60- —
1871 Peru	611	(a) M.	(a)	3.65-3.65-3.65
1871 Peru	611	(a) M.	(a)	*i* 2.19-2.19-2.19
1871 Scotland	16	(a) M.	57-57-57	1.10-1.10-1.10
1871 Scotland	568	(a) M.	57-57-57	.95-1.14- —
1871 Scotland	629	(a) (a)	*j* 57-57-57	1.01-1.09- —
1871 Turk. in A.	611	(a) (a)	(a)	.53-2.03- —
1872 Cal	16	45 M.	54-60-56	3.06-6.00-3.60
1872 Conn	190	5 M.	60-60-60	2.00-3.75-2.95
1872 Del	190	13 M.	60-60-60	2.33-4.00-2.76
1872 Ill	16	64 M.	60-60-60	2.70-3.75-3.15
1872 La	16	1 M.	60-60-60	4.50-4.50-4.50
1872 Md	16	31 M.	58-60-59	2.00-3.00-2.38
1872 Md	190	5 M.	60-60-60	2.25-2.75-2.60
1872 Mass	16	8 M.	59-60-60	2.00-4.00-3.44
1872 Mass	190	8 M.	60-66-62	2.50-3.25-2.85
1872 Mass	268	1 M.	(a)	3.00-3.00-3.00
1872 Minn	16	5 M.	60-60-60	2.75-3.00-2.85
1872 Mo	16	8 M.	50-60-54	2.65-3.50-2.99
1872 N. H	190	2 M.	60-60-60	2.50-2.50-2.50
1872 N. J	190	7 M.	60-60-60	2.63-3.25-2.96
1872 N. Y	16	8 M.	60-60-60	2.60-3.00-2.85
1872 N. Y	190	49 M.	60-60-60	1.63-4.00-2.95
1872 Ohio	16	26 M.	60-60-60	1.90-3.92-2.36
1872 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1872 Ohio	359	6 M.	(a)	2.50-3.00-2.83
1872 Ohio	361	10 M.	(a)	1.75-5.00-2.94
1872 Pa	16	44 M.	60-60-60	1.70-3.50-2.58
1872 Pa	185	1 (a)	60-60-60	3.25-3.25-3.25
1872 Pa	190	10 M.	60-60-60	2.50-2.90-2.60
1872 Va	16	6 M.	60-60-60	2.00-2.50-2.42
1872 Aust-Hun	185	(a) (a)	(a)	.30- .97- —
1872 Belgium	16	(a) M.	(a)	.63- .97- —
1872 Belgium	185	(a) M.	(a)	.36-1.00- —

a Not reported.
b And board and lodging.
c Not including hours of 55 persons not reported.
d Applies to but 5 of the 6 wage quotations.
e Applies to but 5 of the 9 wage quotations.
f Applies to but 8 of the 18 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Applies to but 5 of the 11 wage quotations.
i And food.
j Applies to but 1 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Belgium	456	(a) (a)	(a)	0.63-0.63-0.63
1872 Canada	185	(a) M.	(a)	1.50-1.50-1.50
1872 Denmark	185	(a) (a)	60-60-60	.61- .85- —
1872 England	16	(a) M.	54-58 —	1.30-1.46- —
1872 England	185	(a) M.	b 54-72 —	.97-1.62- —
1872 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1872 England	577	(a) M.	(a)	.87- .87- .87
1872 France	16	(a) M.	(a)	1.16-1.45- —
1872 France	17	(a) M.	(a)	1.26-1.26-1.26
1872 Germany	185	(a) M.	c 60-72 —	.41-1.44- —
1872 Greece	185	(a) M.	(a)	.95- .95- .95
1872 Ireland	185	(a) M.	60-60-60	1.09-1.13- —
1872 Italy	185	(a) M.	d 66-66-66	.39- .57- —
1872 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1872 Netherl'ds	185	(a) (a)	60-66 —	.44-1.33- —
1872 Russia	612	(a) (a)	69-69-69	.97- .97- .97
1872 Scotland	16	(a) M.	51-51-51	1.10-1.10-1.10
1872 Scotland	185	(a) M.	51-57 —	.95-1.13- —
1872 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1873 Cal	16	40 M.	54-60-57	2.84-6.00-3.66
1873 Conn	190	3 M.	60-60-60	3.00-3.75-3.42
1873 Del	190	21 M.	60-60-60	2.00-2.83-2.58
1873 Ill	16	71 M.	60-60-60	2.90-3.75-3.11
1873 La	16	1 M.	60-60-60	4.50-4.50-4.50
1873 Md	16	29 M.	58-60-59	1.75-3.00-2.22
1873 Md	190	4 M.	60-60-60	2.50-2.75-2.69
1873 Mass	16	7 M.	59-60-60	2.00-4.00-3.36
1873 Mass	190	11 M.	60-66-63	2.50-3.50-2.89
1873 Mass	269	1 M.	(a)	2.00-2.00-2.00
1873 Minn	16	5 M.	60-60-60	2.75-3.00-2.85
1873 Mo	16	8 M.	50-60-54	2.50-3.50-2.94
1873 N. H	190	1 M.	60-60-60	2.75-2.75-2.75
1873 N. J	190	6 M.	60-60-60	2.63-3.25-2.88
1873 N. J	317	1 M.	(a)	3.00-3.00-3.00
1873 N. Y	16	6 M.	60-60-60	2.50-3.00-2.85
1873 N. Y	190	41 M.	60-60-60	1.70-4.00-3.06
1873 N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1873 Ohio	16	19 M.	60-60-60	1.90-3.83-2.47
1873 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1873 Pa	16	53 M.	60-60-60	1.90-3.50-2.54
1873 Pa	190	9 M.	60-60-60	2.50-3.00-2.74
1873 Pa	379	92 M.	e 60-60-60	2.25-4.00-2.49
1873 Va	8	1 M.	48-48-48	4.00-4.00-4.00
1873 Va	16	6 M.	60-60-60	2.00-2.50-2.42
1873 Aust-Hun	185	(a) (a)	(a)	1.20-1.20-1.20
1873 Aust-Hun	711	(a) M.	(a)	f .16- .16- .16
1873 Belgium	16	(a) M.	(a)	.66-1.06- —
1873 Belgium	456	(a) (a)	(a)	.63- .63- .63
1873 Canada	185	(a) M.	(a)	1.50-2.75- —
1873 Canada	185	(a) M.	(a)	g 1.50-1.50-1.50
1873 Denmark	185	(a) (a)	(a)	.85- .85- .85
1873 England	16	(a) M.	54-54-54	1.30-1.46- —
1873 England	177	(a) M.	54-54-54	1.10-1.10-1.10
1873 England	177	(a) M.	(a)	f .15- .15- .15
1873 England	185	(a) M.	h 54-54-54	1.29-1.78- —
1873 England	185	(a) M.	(a)	i .96-1.39- —
1873 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1873 England	577	(a) M.	(a)	1.15-1.15-1.15
1873 France	16	(a) M.	(a)	1.16-1.45- —
1873 France	17	(a) M.	(a)	1.26-1.26-1.26
1873 France	185	(a) M.	(a)	.40-1.00- —
1873 Germany	177	(a) M.	j 66-66-66	.75-1.20- —
1873 Germany	185	(a) M.	k 60-60-60	0.96-1.44- —
1873 Germany	533	(a) M.	(a)	.60- .60- .60
1873 Germany	711	(a) M.	(a)	f .06½-.06½-.06½
1873 Gr't Brit	185	(a) M.	(a)	1.37-1.37-1.37
1873 Greece	185	(a) (a)	(a)	.70-1.20- —
1873 Ireland	185	(a) M.	l 54-54-54	.84-1.57- —
1873 Italy	177	(a) M.	(a)	.25- .76- —
1873 Italy	185	(a) M.	(a)	.68- .80- —
1873 Italy	185	(a) M.	(a)	g .40- .40- .40
1873 Jamaica	185	(a) M.	(a)	4.50-4.50-4.50
1873 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1873 N. Found	185	(a) M.	(a)	1.00-1.00-1.00
1873 Persia	184	(a) M.	(a)	.30- .30- .30
1873 Russia	185	(a) (a)	(a)	1.60-1.60-1.60
1873 Russia	185	(a) (a)	(a)	g 1.50-1.50-1.50
1873 Scotland	16	(a) M.	51-51-51	1.14-1.14-1.14
1873 Scotland	177	(a) M.	72-72-72	1.06-1.20- —
1873 Scotland	185	(a) M.	51-51-51	1.17-1.53- —
1873 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1873 Sweden	167	(a) M.	66-66-66	.80- .80- .80
1873 Sweden	167	(a) M.	(a)	m .64- .64- .64
1873 Switzerl'd	185	(a) M.	(a)	.28-1.00- —
1873 Switzerl'd	714	(a) M.	63-66 —	.68-1.04- —
1873 Tripoli	185	(a) (a)	(a)	.90- .90- .90
1873 Tunis	185	(a) (a)	(a)	.60- .60- .60
1874 Cal	16	45 M.	54-60-57	2.84-6.00-3.63
1874 Conn	190	4 M.	60-60-60	2.75-3.50-3.19
1874 Del	185	20 M.	60-60-60	2.50-2.50-2.50
1874 Del	190	8 M.	60-60-60	2.00-2.50-2.26
1874 Ill	16	27 M.	60-60-60	2.90-3.50-3.07
1874 La	16	1 M.	60-60-60	4.00-4.00-4.00
1874 Md	16	32 M.	58-60-59	1.67-2.83-2.07
1874 Md	190	4 M.	60-60-60	2.50-2.75-2.69
1874 Mass	16	7 M.	59-60-60	2.00-4.00-3.29
1874 Mass	190	10 M.	60-66-63	2.50-3.50-2.75
1874 Minn	16	6 M.	60-60-60	2.75-3.00-2.88
1874 Mo	16	9 M.	50-60-54	2.60-3.50-2.93
1874 N. H	190	1 M.	60-60-60	2.75-2.75-2.75
1874 N. J	190	3 M.	60-60-60	2.75-3.25-2.96
1874 N. Y	16	4 M.	60-60-60	2.50-2.80-2.68
1874 N. Y	190	30 M.	60-60-60	1.65-4.00-3.23
1874 Ohio	16	17 M.	60-60-60	1.90-3.50-2.44
1874 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1874 Pa	16	27 M.	60-60-60	2.00-3.50-2.67
1874 Pa	190	11 M.	60-60-60	2.50-3.00-2.68
1874 Pa	380	299 M.	n 60-60-60	1.25-3.00-2.09
1874 Va	16	11 M.	60-60-60	2.17-2.25-2.24
1874 Belgium	16	(a) M.	(a)	.68-1.01- —
1874 Belgium	456	(a) (a)	(a)	.72- .72- .72
1874 Br. India	459	(a) (a)	(a)	.12- .21- —
1874 Canada	185	(a) M.	o 58-60 —	1.50-2.75- —
1874 Canada	185	(a) M.	(a)	g 1.60-1.60-1.60
1874 England	16	(a) M.	54-54-54	1.30-1.46- —
1874 England	185	(a) M.	p 54-54-54	.80-1.68- —
1874 England	185	(a) M.	(a)	f .15- .15- .15
1874 England	569	(a) M.	54-57 —	1.05-1.38- —
1874 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1874 England	577	(a) M.	(a)	1.15-1.15-1.15
1874 France	16	(a) M.	(a)	1.16-1.45- —
1874 France	17	(a) M.	(a)	1.35-1.35-1.35
1874 France	168	(a) M.	(a)	1.00-1.00-1.00
1874 Germany	177	(a) M.	q 66-66-66	.79-1.07- —

a Not reported.
b Applies to but 9 of the 15 wage quotations.
c Applies to but 5 of the 19 wage quotations.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 80 persons not reported.
f Per hour.
g And board.
h Applies to but 39 of the 47 wage quotations.
i And house.
j Applies to but 4 of the 8 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 5 of the 9 wage quotations.
m And lodging and fuel.
n Not including hours of 297 persons not reported.
o Applies to but 13 of the 18 wage quotations.
p Applies to but 2 of the 7 wage quotations.
q Applies to but 4 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Ireland	185	(a) M.	(a)	1.06-1.06-1.06
1874 Ireland	569	(a) M.	b 55-55-55	1.22-1.38- —
1874 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1874 Scotland	16	(a) M.	51-51-51	1.18-1.18-1.18
1874 Scotland	177	(a) M.	51-60 —	1.00-1.33- —
1874 Scotland	185	(a) M.	51-51-51	.96-1.21- —
1874 Scotland	569	(a) M.	51-51-51	.97-1.08- —
1874 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1874 Wales	185	(a) M.	(a)	1.00-2.12- —
1875 Cal.	16	44 M.	54-60-57	2.84-6.00-3.59
1875 Conn.	190	5 M.	60-60-60	2.00-3.50-2.97
1875 Del.	190	6 M.	60-60-60	1.83-2.50-2.06
1875 Ill.	16	41 M.	60-60-60	2.75-3.30-2.90
1875 La	16	1 M.	60-60-60	3.00-3.00-3.00
1875 Me.	8	1 M.	72-72-72	2.25-2.25-2.25
1875 Md.	16	30 M.	58-60-59	1.67-2.83-2.09
1875 Md.	190	3 M.	60-60-60	2.25-2.50-2.42
1875 Mass.	16	7 M.	59-60-60	1.50-3.60-2.80
1875 Mass.	190	7 M.	60-60-60	2.00-3.50-2.69
1875 Mass.	270	130 M.	(a)	1.92-2.68-2.23
1875 Minn.	16	6 M.	60-60-60	2.75-3.00-2.88
1875 Mo.	16	10 M.	50-60-53	2.65-3.50-3.05
1875 N. H.	190	1 M.	60-60-60	2.75-2.75-2.75
1875 N. J.	190	5 M.	60-60-60	2.75-3.25-2.93
1875 N. Y.	8	1 M.	60-60-60	2.00-2.00-2.00
1875 N. Y.	16	4 M.	60-60-60	2.50-2.80-2.68
1875 N. Y.	190	44 M.	60-60-60	1.38-4.00-2.85
1875 Ohio	16	16 M.	60-60-60	2.48-3.50-2.72
1875 Ohio	190	3 M.	60-60-60	2.75-3.50-3.25
1875 Pa.	16	25 M.	60-60-60	2.00-3.10-2.45
1875 Pa.	190	10 M.	60-60-60	2.30-2.70-2.46
1875 Pa.	380	207 M.	c 60-60-60	1.42-3.46-1.95
1875 Va.	16	10 M.	60-60-60	2.17-2.25-2.24
1875 Belgium	16	(a) M.	(a)	.73- .87- —
1875 Belgium	456	(a) (a)	(a)	.48- .70- —
1875 Br. India	459	(a) (a)	(a)	.11- .20- —
1875 Chile	184	(a) M.	(a)	3.06-3.50- —
1875 England	16	(a) M.	54-54-54	1.30-1.46- —
1875 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1875 England	577	(a) M.	(a)	1.15-1.15-1.15
1875 France	16	(a) M.	(a)	1.16-1.49- —
1875 France	17	(a) M.	(a)	1.35-1.35-1.35
1875 France	496	(a) M.	(a)	.55-1.74- —
1875 Germany	177	(a) M.	d 66-66-66	.71-1.07- —
1875 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1875 Norway	686	(a) M.	(a)	.61-1.00- —
1875 Scotland	16	(a) M.	51-51-51	1.18-1.18-1.18
1875 Scotland	177	(a) M.	51-60 —	1.00-1.33- —
1875 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1875 Spain	169	(a) M.	(a)	.70- .75- —
1876 Cal.	16	39 M.	54-60-57	2.84-6.00-3.61
1876 Conn.	190	4 M.	60-60-60	2.00-3.15-2.65
1876 Del.	190	12 M.	60-60-60	1.83-2.50-2.03
1876 Ill.	16	47 M.	60-60-60	2.65-3.25-2.84
1876 La.	16	1 M.	60-60-60	3.00-3.00-3.00
1876 Md.	16	31 M.	58-60-59	1.67-3.00-2.24
1876 Md.	190	3 M.	60-60-60	2.00-2.25-2.17
1876 Mass.	16	6 M.	54-60-57	1.50-3.60-2.85
1876 Mass.	190	7 M.	60-60-60	1.98-3.50-2.54
1876 Mass.	190	7 M.	60-60-60	2.75-3.00-2.86
1876 Minn.	16	7 M.	60-60-60	2.60-3.50-3.03
1876 Mo.	16	9 M.	50-60-53	2.50-2.88-2.71
1876 N. J.	190	3 M.	60-60-60	2.50-2.80-2.70
1876 N. Y.	16	4 M.	60-60-60	1.50-4.00-2.98
1876 N. Y.	190	36 M.	e 60-60-60	2.03-3.33-2.45
1876 Ohio	16	19 M.	60-60-60	2.75-3.50-3.25
1876 Ohio	190	3 M.	60-60-60	2.00-3.50-2.33
1876 Pa.	16	35 M.	60-60-60	2.00-3.50-2.33
1876 Pa.	190	9 M.	60-60-60	2.10-2.40-2.21
1876 Pa.	381	1044 M.	f 48-60-56	1.15-3.50-2.01
1876 Pa.	382	20 M.	(a)	1.62-2.75-2.00
1876 Pa.	382	74 M.	(a)	g .06- .22- .21
1876 S. C.	8	1 M.	60-60-60	2.25-2.25-2.25
1876 Vt.	8	1 M.	66-66-66	2.00-2.00-2.00
1876 Va.	16	8 M.	60-60-60	1.83-2.25-2.15
1876 Australia	171	(a) M.	(a)	1.70-3.65- —
1876 Australia	171	(a) M.	(a)	g .28- .28- .28
1876 Australia	171	(a) M.	(a)	h 1.17-1.56- —
1876 Belgium	16	(a) M.	(a)	.66- .82- —
1876 Belgium	456	(a) (a)	(a)	.68- .68- .68
1876 Br. India	459	(a) (a)	(a)	.11- .25- —
1876 England	16	(a) M.	54-54-54	1.30-1.54- —
1876 England	170	(a) M.	54-54-54	1.26-1.26-1.26
1876 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1876 England	577	(a) M.	(a)	1.15-1.15-1.15
1876 France	16	(a) M.	(a)	1.16-1.49- —
1876 France	17	(a) M.	(a)	1.35-1.35-1.35
1876 France	497	(a) M.	(a)	.55-1.74- —
1876 Germany	177	(a) M.	(a)	.71- .71- .71
1876 Lux'burg	128	(a) (a)	(a)	.75- .75- .75
1876 Scotland	16	(a) M.	51-51-51	1.18-1.18-1.18
1876 Scotland	177	(a) M.	51-60 —	1.08-1.33- —
1876 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1877 Cal.	16	42 M.	54-60-57	2.84-6.00-3.58
1877 Conn.	190	3 M.	60-60-60	2.75-3.25-2.93
1877 Del.	190	15 M.	60-60-60	1.75-2.50-2.07
1877 Ill.	16	46 M.	60-60-60	2.50-3.15-2.72
1877 La.	16	1 M.	60-60-60	3.00-3.00-3.00
1877 Md.	16	31 M.	58-60-59	1.67-3.00-2.24
1877 Md.	190	3 M.	60-60-60	2.00-2.25-2.17
1877 Mass.	8	5 M.	60-60-60	2.50-3.50-3.30
1877 Mass.	16	6 M.	54-60-57	1.50-3.20-2.56
1877 Mass.	190	7 M.	60-60-60	1.98-3.00-2.36
1877 Minn.	16	7 M.	60-60-60	2.75-3.00-2.86
1877 Mo.	16	9 M.	50-60-54	2.60-3,50-2.93
1877 N. J.	190	4 M.	60-60-60	2.50-2.75-2.59
1877 N. J.	317	48 M.	i 57-60-58	1.00-3.00-2.06
1877 N. Y.	8	1 M.	60-60-60	4.50-4.50-4.50
1877 N. Y.	16	4 M.	60-60-60	2.50-2.80-2.70
1877 N. Y.	190	37 M.	e 60-60-60	1.55-4.00-2.72
1877 Ohio	16	20 M.	60-60-60	1.93-3.00-2.33
1877 Ohio	190	3 M.	60-60-60	2.50-3.00-2.83
1877 Ohio	359	332 M.	j 60-84-75	1.17-3.25-2.14
1877 Pa.	16	27 M.	60-60-60	2.00-3.00-2.31
1877 Pa.	190	8 M.	60-60-60	2.00-2.30-2.18
1877 Pa.	382	245 M.	k 42-72-54	1.50-3.00-2.10
1877 Pa.	382	38 M.	(a)	g .22- .22- .22
1877 Va.	16	12 M.	60-60-60	1.75-2.25-2.00
1877 Belgium	16	(a) M.	(a)	.58- .87- —
1877 Belgium	456	(a) (a)	(a)	.69- .69- .69
1877 Br. India	459	(a) (a)	(a)	.14- .28- —
1877 England	16	(a) M.	54-54-54	1.38-1.54- —
1877 England	178	(a) M.	(a)	1.26-1.42- —
1877 England	570	(a) M.	l 48-60 —	.32-2.03- —
1877 England	570	(a) M.	(a)	g .14- .18½ —
1877 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1877 England	577	(a) M.	(a)	1.04-1.04-1.04
1877 France	16	(a) M.	(a)	1.16-1.49- —
1877 France	17	(a) M.	(a)	1.35-1.35-1.35
1877 Germany	177	(a) M.	(a)	.60- .75- —
1877 Ireland	570	(a) M.	54-58 —	1.22-1.53- —

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Not including hours of 190 persons not reported.
d Applies to but 4 of the 6 wage quotations.
e Not including hours of 1 person not reported.
f Not including hours of 776 persons not reported.
g Per hour.
h And board.
i Not including hours of 39 persons not reported.
j Not including hours of 300 persons not reported.
k Not including hours of 76 persons not reported.
l Applies to but 30 of the 34 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Italy	177	(a) M.	(a)	0.80-0.80-0.80
1877 Lux'burg	128	(a) (a)	(a)	.80- .80- .80
1877 Scotland	16	(a) M.	51-51-51	1.14-1.14-1.14
1877 Scotland	570	(a) M.	b51-51-51	1.03-1.34- —
1877 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1878 Cal	16	54 M.	54-60-56	2.70-6.00-3.33
1878 Conn	7	1 M.	72-72-72	3.25-3.25-3.25
1878 Conn	8	1 M.	60-60-60	4.50-4.50-4.50
1878 Conn	190	3 M.	60-60-60	2.50-3.25-2.83
1878 Del	190	16 M.	60-72-61	1.25-2.50-1.69
1878 Ill	16	26 M.	60-60-60	2.50-2.90-2.64
1878 La	16	1 M.	60-60-60	3.00-3.00-3.00
1878 Md	16	31 M.	58-60-59	1.67-3.00-2.24
1878 Md	190	2 M.	60-60-60	2.00-2.25-2.13
1878 Mass	16	6 M.	54-60-57	1.25-3.20-2.52
1878 Mass	190	6 M.	60-66-61	2.00-3.00-2.51
1878 Minn	16	7 M.	60-60-60	2.75-3.00-2.86
1878 Mo	16	8 M.	50-60-54	2.65-3.50-2.99
1878 N. J	190	3 M.	60-60-60	2.30-2.75-2.55
1878 N. J	317	1 M.	(a)	1.75-1.75-1.75
1878 N. Y	8	1 M.	60-60-60	4.50-4.50-4.50
1878 N. Y	16	4 M.	60-60-60	2.60-2.70-2.63
1878 N. Y	190	37 M.	c60-60-60	1.55-4.00-2.77
1878 Ohio	16	19 M.	60-60-60	2.00-3.00-2.37
1878 Ohio	190	3 M.	60-60-60	2.25-2.50-2.42
1878 Ohio	360	231 M.	d59-66-60	1.50-2.57-2.04
1878 Pa	16	24 M.	60-60-60	1.70-2.80-2.25
1878 Pa	190	8 M.	60-60-60	1.80-2.20-1.95
1878 Pa	383	341 M.	e48-72-58	.80-5.00-1.82
1878 Va	16	8 M.	60-60-60	1.75-2.25-2.13
1878 Australia	177	(a) M.	f60-60-60	2.03-3.24- —
1878 Belgium	16	(a) M.	(a)	.63-1.16- —
1878 Belgium	177	(a) M.	(a)	.73-1.00- —
1878 Belgium	178	(a) M.	(a)	1.06-1.06-1.06
1878 Belgium	456	(a) (a)	(a)	.65- .65- .65
1878 Br. India	459	(a) (a)	(a)	.14- .31- —
1878 Canada	177	(a) M.	(a)	1.50-2.00- —
1878 Denmark	177	(a) M.	g76-76-76	.63- .65- —
1878 England	16	(a) M.	54-54-54	1.38-1.54- —
1878 England	177	(a) M.	h54-54-54	.92-1.48- —
1878 England	177	(a) M.	(a)	i.17- .17- .17
1878 England	178	(a) M.	54-54-54	.84- .84- .84
1878 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1878 England	577	(a) M.	(a)	.90- .90- .90
1878 France	16	(a) M.	(a)	1.16-1.49- —
1878 France	17	(a) M.	(a)	1.35-1.35-1.35
1878 France	177	(a) M.	(a)	.50-1.00- —
1878 France	498	(a) M.	(a)	.56-1.54- —
1878 Germany	177	(a) M.	(a)	.23- .83- —
1878 Italy	177	(a) M.	(a)	.29- .76- —
1878 Lux'burg	128	(a) (a)	(a)	.80- .80- .80
1878 Netherl'ds	177	(a) M.	(a)	.60-1.10- —
1878 Netherl'ds	177	(a) M.	(a)	i.07- .10- —
1878 Scotland	16	(a) M.	51-51-51	1.10-1.10-1.10
1878 Scotland	177	(a) M.	j51-72 —	.76-1.50- —
1878 Scotland	575	(a) M.	51-51-51	1.09-1.09-1.09
1878 Spain	177	(a) M.	k60-60-60	.70- .90- —
1878 Switzerl'd	177	(a) M.	(a)	.80- .80- .80
1879 Cal	16	47 M.	54-60-57	2.93-6.00-3.47
1879 Conn	190	3 M.	60-60-60	2.50-2.75-2.58
1879 Del	190	9 M.	60-60-60	1.25-2.50-1.93
1879 Ill	16	58 M.	60-60-60	2.50-3.15-2.70
1879 La	16	1 M.	60-60-60	3.00-3.00-3.00
1879 Md	16	31 M.	58-60-59	1.67-3.00-2.24
1879 Md	190	3 M.	60-60-60	2.00-2.25-2.08
1879 Mass	16	6 M.	54-60-57	1.25-3.20-2.52
1879 Mass	190	7 M.	60-60-60	1.50-2.75-2.25
1879 Minn	16	8 M.	60-60-60	2.75-3.00-2.88
1879 Mo	16	9 M.	50-60-53	2.60-3.50-3.03
1879 Mo	293	20 M.	l48-60-56	.67-5.00-1.97
1879 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1879 N. J	190	4 M.	60-60-60	2.25-2.75-2.49
1879 N. J	318	5 (a)	58-60-60	1.50-2.25-1.90
1879 N. Y	16	3 M.	60-60-60	2.60-2.60-2.60
1879 N. Y	190	31 M.	c60-60-60	1.50-3.50-2.72
1879 Ohio	16	16 M.	60-60-60	1.95-2.80-2.35
1879 Ohio	190	3 M.	60-60-60	2.25-2.50-2.42
1879 Ohio	361	10 M.	(a)	1.50-3.00-2.05
1879 Pa	16	26 M.	60-60-60	1.70-2.80-2.13
1879 Pa	190	6 M.	60-60-60	2.00-2.20-2.03
1879 Pa	384	880 M.	n54-78-60	.50-4.00-1.79
1879 Pa	384	2 M.	(a)	o.77- .77- .77
1879 Va	16	12 M.	60-60-60	1.50-2.25-1.94
1879 Belgium	16	(a) M.	(a)	.63-1.16- —
1879 Belgium	456	(a) (a)	(a)	.63- .63- .63
1879 Br. India	459	(a) (a)	(a)	.14- .32- —
1879 Canada	177	(a) M.	(a)	i .24- .24- .24
1879 England	16	(a) M.	54-54-54	1.38-1.54- —
1879 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1879 England	577	(a) M.	(a)	.90- .90- .90
1879 France	16	(a) M.	(a)	1.16-1.49- —
1879 France	17	(a) M.	(a)	1.35-1.35-1.35
1879 France	499	(a) M.	(a)	.56-1.54- —
1879 Germany	545	(a) M.	k60-60-60	.40- .95- —
1879 Lux'burg	128	(a) (a)	(a)	.80- .80- .80
1879 Scotland	16	(a) M.	54-54-54	1.10-1.10-1.10
1879 Scotland	575	(a) M.	54-54-54	1.14-1.14-1.14
1880 Cal	16	33 M.	54-60-57	2.93-6.00-3.59
1880 Conn	8	1 M.	60-60-60	3.50-3.50-3.50
1880 Conn	190	2 M.	60-60-60	2.50-2.75-2.63
1880 Ga	7	1 M.	66-66-66	1.75-1.75-1.75
1880 Ill	16	47 M.	60-60-60	2.50-2.90-2.67
1880 Ill	205	65 M.	43-60-50	1.72-2.32-1.95
1880 La	16	1 M.	60-60-60	3.00-3.00-3.00
1880 Md	16	30 M.	58-60-59	1.67-3.00-2.21
1880 Md	190	5 M.	60-60-60	2.17-2.25-2.20
1880 Mass	16	8 M.	54-60-56	1.63-3.15-2.78
1880 Mass	190	6 M.	60-60-60	1.50-2.75-2.30
1880 Minn	16	8 M.	60-60-60	2.50-2.75-2.59
1880 Mo	5	1 M.	(a)	3.00-3.00-3.00
1880 Mo	16	9 M.	50-60-54	2.50-2.80-2.61
1880 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1880 N. J	190	4 M.	60-60-60	2.00-2.75-2.43
1880 N. J	319	26 M.	c50-70-59	.75-2.25-1.49
1880 N. Y	16	4 M.	60-60-60	2.50-3.00-2.68
1880 N. Y	190	58 M.	p60-60-60	1.50-3.25-2.49
1880 Ohio	16	18 M.	60-60-60	2.00-3.00-2.32
1880 Ohio	190	3 M.	60-60-60	2.25-2.50-2.42
1880 Pa	7	1 M.	60-60-60	1.44-1.44-1.44
1880 Pa	16	37 M.	60-60-60	1.80-3.20-2.21
1880 Pa	190	11 M.	60-60-60	1.80-2.20-1.96
1880 Pa	385	16 M.	c60-72-61	1.00-3.34-1.96
1880 Va	16	41 M.	60-60-60	1.50-2.25-1.76
1880 Belgium	16	(a) M.	(a)	.63-1.26- —
1880 Belgium	456	(a) (a)	(a)	.43- .65- —
1880 Br. India	459	(a) (a)	(a)	.12- .29- —

a Not reported.
b Applies to but 4 of the 5 wage quotations.
c Not including hours of 1 person not reported.
d Not including hours of 222 persons not reported.
e Not including hours of 124 persons not reported.
f Applies to but 3 of the 5 wage quotations.
g Applies to but 1 of the 3 wage quotations.
h Applies to but 8 of the 17 wage quotations.
i Per hour.
j Applies to but 15 of the 16 wage quotations.
k Applies to but 2 of the 6 wage quotations.
l Not including hours of 14 persons not reported.
n Not including hours of 541 persons not reported.
o And rent free.
p Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 England	16	(a) M.	54-54-54	1.38-1.54- —
1880 England	571	(a) M.	b 51-73 —	.24-2.03- —
1880 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1880 England	577	(a) M.	(a)	.90- .90- .90
1880 France	16	(a) M.	(a)	1.26-1.49- —
1880 France	17	(a) M.	(a)	1.35-1.35-1.35
1880 France	500	(a) M.	(a)	.61-1.74- —
1880 Germany	546	(a) M.	(a)	.48- .95- —
1880 Ireland	571	(a) M.	54-58 —	1.30-1.62- —
1880 Japan	21	(a) (a)	(a)	.18- .40- —
1880 Lux'burg	128	(a) (a)	(a)	.90- .90- .90
1880 Norway	686	(a) M.	(a)	.49- .80- —
1880 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1880 Scotland	571	(a) M.	c 54-60 —	.36-2.03- —
1880 Scotland	575	(a) M.	54-54-54	1.14-1.14-1.14
1880 Sweden	21	(a) (a)	(a)	.68- .68- .68
1880 Switzerl'd.	21	(a) (a)	66-66-66	.95- .95- .95
1881 Cal.	16	37 M.	54-60-57	2.93-6.00-3.58
1881 Conn.	190	3 M.	60-60-60	2.25-3.00-2.67
1881 Del.	190	21 M.	60-60-60	1.34-2.50-1.97
1881 Ill.	16	56 M.	60-60-60	2.65-3.15-2.91
1881 La	16	1 M.	60-60-60	3.00-3.00-3.00
1881 Md.	16	30 M.	58-60-59	1.67-3.00-2.21
1881 Md.	190	3 M.	60-60-60	2.25-2.50-2.33
1881 Mass	16	8 M.	54-60-56	1.50-3.50-2.86
1881 Mass	190	6 M.	60-60-60	1.75-3.25-2.57
1881 Minn	16	7 M.	60-60-60	2.50-2.75-2.61
1881 Mo.	16	8 M.	50-60-54	2.50-2.80-2.61
1881 N. H	7	16 M.	65-65-65	1.20-3.15-1.59
1881 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1881 N. J	190	4 M.	60-60-60	2.00-2.75-2.50
1881 N. J	320	18 M.	d 60-60-60	.96-3.67-2.37
1881 N. Y.	16	8 M.	60-60-60	2.10-2.80-2.68
1881 N. Y.	190	60 M.	e 60-60-60	1.60-3.50-2.56
1881 Ohio	7	5 M.	60-60-60	1.75-2.50-2.12
1881 Ohio	16	20 M.	60-60-60	2.00-3.17-2.40
1881 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50
1881 Ohio	363	467 M.	f 48-72-59	1.00-4.17-2.03
1881 Pa.	16	39 M.	60-60-60	1.80-3.20-2.23
1881 Pa.	190	11 M.	60-60-60	1.80-2.20-1.95
1881 Pa.	386	5 M.	60-60-60	1.50-3.00-2.14
1881 Va.	16	47 M.	60-60-60	1.50-2.25-1.80
1881 Australia	431	(a) (a)	(a)	1.17-1.24- —
1881 Australia	431	(a) (a)	(a)	g 24½-.32½- —
1881 Belgium	16	(a) M.	(a)	.63-1.26- —
1881 Belgium	456	(a) (a)	(a)	.73- .73- .73
1881 Br. India	459	(a) (a)	(a)	.12- .28- —
1881 England	16	(a) M.	54-54-54	1.38-1.54- —
1881 England	29	(a) (a)	(a)	1.22-1.22-1.22
1881 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1881 England	577	(a) M.	(a)	.90- .90- .90
1881 France	16	(a) M.	(a)	1.26-1.49- —
1881 France	17	(a) M.	(a)	1.35-1.39- —
1881 France	501	(a) M.	(a)	.62-1.74- —
1881 Germany	514	(a) (a)	(a)	.56- .82- —
1881 Lux'burg	128	(a) (a)	(a)	.90- .90- .90
1881 Russia	33	(a) (a)	81-81-81	.48- .48- .48
1881 Scotland	16	(a) M.	54-54-54	1.18-1.18-1.18
1881 Scotland	575	(a) M.	54-54-54	1.14-1.14-1.14
1882 Cal.	16	46 M.	54-60-57	3.00-6.00-3.54
1882 Conn.	190	5 M.	60-60-60	2.00-3.00-2.65
1882 Del.	190	16 M.	60-60-60	1.83-2.75-2.20
1882 Ga	7	1 M.	72-72-72	1.25-1.25-1.25
1882 Ill.	16	48 M.	60-60-60	2.65-3.15-2.88
1882 Ill.	206	5 M.	60-60-60	2.10-2.10-2.10
1882 La	16	6 M.	60-60-60	3.00-3.00-3.00
1882 Md.	16	30 M.	58-60-59	1.83-3.00-2.38
1882 Md.	190	4 M.	60-60-60	2.25-2.50-2.38
1882 Mass	16	8 M.	54-60-56	1.50-3.25-2.76
1882 Mass	190	6 M.	60-60-60	1.75-3.25-2.54
1882 Minn	16	8 M.	60-60-60	2.50-2.75-2.59
1882 Mo.	16	9 M.	50-60-54	2.50-2.80-2.61
1882 Mo.	294	53 M.	60-60-60	1.50-4.00-2.54
1882 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1882 N. J	190	6 M.	60-60-60	2.25-2.88-2.60
1882 N. J	321	208 M.	h 60-72-65	1.75-3.00-2.43
1882 N. Y.	16	6 M.	60-60-60	2.10-3.00-2.63
1882 N. Y.	190	73 M.	e 60-60-60	1.50-3.88-2.61
1882 N. C.	7	1 M.	(a)	1.25-1.25-1.25
1882 Ohio	16	18 M.	60-60-60	1.95-3.25-2.45
1882 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50
1882 Ohio	364	985 (a)	i 54-75-60	.60-4.50-2.24
1882 Pa.	16	35 M.	60-60-60	1.80-3.50-2.41
1882 Pa.	190	11 M.	60-60-60	2.00-2.30-2.03
1882 Pa.	387	3 M.	60-60-60	2.20-4.50-3.23
1882 S. C.	7	1 M.	66-66-66	1.25-1.25-1.25
1882 Va.	16	23 M.	60-60-60	1.75-2.25-2.08
1882 Belgium	16	(a) M.	(a)	.68-1.26- —
1882 Belgium	38	(a) (a)	(a)	.77- .96- —
1882 Belgium	456	(a) (a)	(a)	.73- .73- .73
1882 Br. India	459	(a) (a)	(a)	.09½-.28- —
1882 Canada	33	(a) (a)	(a)	1.50-2.00- —
1882 England	16	(a) M.	54-54-54	1.38-1.54- —
1882 England	38	(a) (a)	(a)	1.01-1.01-1.01
1882 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1882 England	577	(a) M.	(a)	.90- .90- .90
1882 France	16	(a) M.	(a)	1.26-1.50- —
1882 France	17	(a) M.	(a)	1.35-1.39- —
1882 France	502	(a) M.	(a)	.62-1.74- —
1882 Germany	554	(a) (a)	60-68 —	.48-1.43- —
1882 Germany	554	(a) (a)	68-68-68	j .20- .32- —
1882 Italy	33	(a) M.	(a)	.37- .37- .37
1882 Lux'burg	128	(a) (a)	(a)	.90- .90- .90
1882 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1882 Scotland	37	(a) M.	54-54-54	1.25-1.25-1.25
1882 Scotland	575	(a) M.	54-54-54	1.14-1.14-1.14
1882 Venezuela	34	(a) (a)	48-48-48	1.50-2.00- —
1883 Cal.	16	52 M.	54-60-57	3.15-6.00-3.54
1883 Conn.	190	4 M.	60-60-60	2.00-3.50-3.00
1883 Del.	190	18 M.	60-60-60	1.83-2.75-2.19
1883 Ga	7	1 M.	(a)	2.25-2.25-2.25
1883 Ill.	16	76 M.	60-60-60	2.60-3.00-2.83
1883 Ind	222	2743 M.	(a)	.86-2.76-1.72
1883 La	16	1 M.	60-60-60	3.00-3.00-3.00
1883 Md.	16	28 M.	58-60-59	1.83-3.00-2.26
1883 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1883 Mass	16	6 M.	54-60-57	1.50-3.50-2.76
1883 Mass	190	6 M.	60-60-60	1 75-3.25-2.56
1883 Mass	273	244 M.	(a)	1.10-3.50-2.34
1883 Mich	277	363 M.	(a)	.50-5.00-2.00
1883 Minn.	16	8 M.	60-60-60	2.50-2.75-2.59
1883 Mo.	16	8 M.	50-60-54	2.50-2.80-2.63
1883 Mo.	294	2 M.	60-60-60	2.50-2.83-2.67
1883 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1883 N. J	190	3 M.	60-60-60	2.50-3.00-2.78
1883 N. J	322	635 M.	k 48-72-60	1.67-4.50-2.40
1883 N. Y.	16	6 M.	60-60-60	2.30-3.40-2.83
1883 N. Y.	190	66 M.	e 60-60-60	1.50-3.75-2.66
1883 Ohio	16	23 M.	60-60-60	1.80-3.00-2.35
1883 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Applies to but 39 of the 42 wage quotations.
c Applies to but 14 of the 15 wage quotations.
d Not including hours of 3 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 23 persons not reported.
g Per hour.
h Not including hours of 125 persons not reported.
i Not including hours of 235 persons not reported.
j And board and lodging.
k Not including hours of 130 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Ohio	365	65 M.	a53-60-59	0.83-4.17-2.31
1883 Pa	16	43 M.	60-60-60	2.00-3.75-2.47
1883 Pa	190	12 M.	60-60-60	2.00-2.40-2.10
1883 Tenn	7	1 M.	66-66-66	1.50-1.50-1.50
1883 Va	16	19 M.	60-60-60	1.67-2.25-2.00
1883 Australia	174	(b) (b)	(b)	2.19-2.92- —
1883 Belgium	16	(b) M.	(b)	.58-1.26- —
1883 Belgium	456	(b) (b)	(b)	.71- .71- .71
1883 Br. India	459	(b) (b)	(b)	.09½-.28- —
1883 Ecuador	43	(b) (b)	60-60-60	1.00-2.00- —
1883 England	16	(b) M.	54-54-54	1.38-1.54- —
1883 England	43	(b) (b)	c54-54-54	.97-3.24- —
1883 England	43	(b) (b)	(b)	d.20- .20- .20
1883 England	45	(b) M.	e54-54-54	1.14-1.56- —
1883 England	572	(b) M.	f48-60 —	1.09-4.06- —
1883 England	575	(b) M.	54-54-54	1.34-1.34-1.34
1883 England	577	(b) M.	(b)	.90- .90- .90
1883 France	16	(b) M.	(b)	1.26-1.50- —
1883 France	17	(b) M.	(b)	1.29-1.35- —
1883 France	503	(b) M.	(b)	.63-1.74- —
1883 Germany	47	(b) (b)	72-72-72	.65- .65- .65
1883 Germany	555	(b) (b)	60-69 —	.48-1.43- —
1883 Germany	555	(b) (b)	66-69 —	g.20- .48- —
1883 Gr't Brit	273	(b) M.	(b)	.65-2.84- —
1883 Ireland	572	(b) M.	54-58 —	1.22-1.62- —
1883 Japan	642	(b) M.	(b)	h.20-1.23- —
1883 Lux'burg	128	(b) (b)	(b)	.80- .80- .80
1883 Malta	178	(b) M.	(b)	.60- .73- —
1883 Russia	44	(b) (b)	(b)	.31- .38- —
1883 Scotland	16	(b) M.	54-54-54	1.22-1.22-1.22
1883 Scotland	43	(b) (b)	54-57 —	.89-1.46- —
1883 Scotland	572	(b) M.	50-60 —	1.09-3.24- —
1883 Scotland	575	(b) M.	54-54-54	1.22-1.22-1.22
1883 Wales	43	(b) (b)	i54-54-54	1.10-1.37- —
1884 Cal	2	7 M.	66-60-60	3.25-3.25-3.25
1884 Cal	16	50 M.	54-60-57	3.15-6.00-3.54
1884 Cal	192	123 M.	60-60-60	1.50-4.03-2.22
1884 Conn	2	45 M.	60-60-60	2.25-2.25-2.25
1884 Conn	190	3 M.	60-60-60	3.00-3.50-3.33
1884 Del	190	13 M.	60-60-60	1.92-2.75-2.22
1884 Ga	7	1 M.	70-70-70	2.00-2.00-2.00
1884 Ill	16	88 M.	60-60-60	2.60-3.15-2.80
1884 Ill	207	4 M.	(b)	3.00-3.00-3.00
1884 Iowa	231	108 M.	j48-69-60	.64-6.00-2.46
1884 Kans	241	20 M.	60-60-60	2.11-2.11-2.11
1884 La	16	1 M.	60-60-60	3.00-3.00-3.00
1884 Me	8	1 M.	58-58-58	2.75-2.75-2.75
1884 Md	16	29 M.	58-60-59	1.83-3.00-2.28
1884 Md	190	2 M.	60-60-60	2.50-3.00-2.75
1884 Mass	7	1 M.	60-60-60	2.17-2.17-2.17
1884 Mass	16	6 M.	54-60-57	1.75-3.25-2.69
1884 Mass	190	7 M.	60-60-60	1.75-3.25-2.45
1884 Mich	278	415 M.	(b)	.45-5.00-2.02
1884 Minn	16	9 M.	60-60-60	2.40-2.50-2.44
1884 Mo	7	2 M.	k60-60-60	2.00-2.00-2.00
1884 Mo	16	8 M.	50-60-54	2.50-2.80-2.63
1884 Mo	295	40 M.	l60-81-61	1.25-3.08-2.37
1884 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1884 N. J	190	3 M.	60-60-60	2.50-3.00-2.78
1884 N. J	323	602 M.	n54-72-60	1.00-4.00-2.43
1884 N. Y	2	30 M.	60-60-60	2.25-2.25-2.25
1884 N. Y	16	5 M.	60-60-60	2.60-3.40-2.93
1884 N. Y	190	46 M.	o60-60-60	1.50-3.60-2.72
1884 Ohio	16	16 M.	60-60-60	1.80-3.17-2.30
1884 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50
1884 Ohio	366	22 M.	59-59-59	2.21-2.21-2.21
1884 Pa	16	36 M.	60-60-60	2.00-3.75-2.52
1884 Pa	190	11 M.	60-60-60	2.00-2.40-2.11
1884 Pa	388	948 M.	p60-66-60	1.43-2.50-2.12
1884 S. C	7	1 M.	69-69-69	1.50-1.50-1.50
1884 Va	16	10 M.	60-60-60	1.67-2.25-2.12
1884 W. Va	7	5 M.	60-60-60	2.00-2.50-2.20
1884 Australia	178	(b) (b)	48-48-48	1.62-3.40- —
1884 Aust-Hun	178	(b) M.	q54-72 —	.27-1.60- —
1884 Aust-Hun	178	(b) M.	63-63-63	r.67-1.07- —
1884 Azores	178	(b) M.	(b)	.52-1.05- —
1884 Bahamas	178	(b) M.	(b)	.60-1.00- —
1884 Belgium	16	(b) M.	(b)	.66-1.26- —
1884 Belgium	178	(b) M.	s60-78 —	.50-1.54- —
1884 Belgium	456	(b) (b)	(b)	.63- .63- .63
1884 Brazil	178	(b) M.	t60-63 —	.84-4.30- —
1884 Br. Guiana	178	(b) M.	54-55 —	.67-1.67- —
1884 Br. Hond	178	(b) (b)	54-54-54	.75-1.60- —
1884 Br. India	459	(b) (b)	(b)	.09½- .28- —
1884 Canada	178	(b) M.	u54-60 —	.80-2.75- —
1884 Canada	466	(b) M.	52-66 —	.47-2.50- —
1884 C. of G'd H	178	(b) (b)	v60-60-60	1.33-3.04- —
1884 Ceylon	178	(b) (b)	i53-53-53	.30-1.00- —
1884 China	178	(b) M.	60-60-60	w.15- .23- —
1884 Colombia	178	(b) (b)	60-72 —	.64-2.02- —
1884 Cuba	178	(b) M.	x59-59-59	1.86-6.68- —
1884 Cuba	178	(b) M.	60-60-60	h1.61-1.61-1.61
1884 Denmark	178	(b) M.	60-60-60	.59-1.12- —
1884 Ecuador	178	(b) M.	60-60-60	1.00-2.00- —
1884 England	16	(b) M.	54-54-54	1.38-1.54- —
1884 England	178	(b) M.	y48-60 —	.41-1.80- —
1884 England	178	(b) M.	(b)	d.12- .18- —
1884 England	575	(b) M.	54-54-54	1.34-1.34-1.34
1884 England	577	(b) M.	(b)	.90- .90- .90
1884 Falkl'd Is	178	(b) (b)	(b)	4.00-4.00-4.00
1884 France	16	(b) M.	(b)	1.26-1.50- —
1884 France	17	(b) M.	(b)	1.28-1.35- —
1884 France	178	(b) M.	z60-66 —	.24-1.60- —
1884 France	178	(b) M.	60-60-60	aa.96- .96- .96
1884 France	504	(b) M.	(b)	.64-1.74- —
1884 Germany	178	(b) M.	bb60-78 —	.36-1.43- —
1884 Germany	178	(b) M.	(b)	g.18- .30- —
1884 Germany	556	(b) (b)	51-69 —	.48-1.26- —
1884 Germany	556	(b) (b)	60-60-60	g.20- .40- —
1884 Gibraltar	178	(b) M.	54-56 —	.83-1.67- —
1884 Hawai. Is	178	(b) (b)	53-54 —	4.00-5.50- —
1884 Ireland	178	(b) M.	cc56-60 —	.97-1.46- —
1884 Italy	46	(b) (b)	(b)	.46-1.16- —
1884 Italy	178	(b) M.	dd42-72—	.19-1.06- —

a Not including hours of 9 persons not reported.
b Not reported.
c Applies to but 7 of the 18 wage quotations.
d Per hour.
e Applies to but 1 of the 7 wage quotations.
f Applies to but 27 of the 35 wage quotations.
g And board and lodging.
h And board.
i Applies to but 2 of the 4 wage quotations.
j Not including hours of 3 persons not reported.
k Not including hours of 1 person not reported.
l Not including hours of 4 persons not reported.
n Not including hours of 143 persons not reported.
o Not including hours of 2 persons not reported.
p Not including hours of 823 persons not reported.
q Applies to but 46 of the 48 wage quotations.
r And rent.
s Applies to but 15 of the 20 wage quotations.
t Applies to but 6 of the 12 wage quotations.
u Applies to but 57 of the 76 wage quotations.
v Applies to but 2 of the 6 wage quotations.
w And provisions.
x Applies to but 4 of the 6 wage quotations.
y Applies to but 88 of the 137 wage quotations.
z Applies to but 14 of the 20 wage quotations.
aa And lodging.
bb Applies to but 111 of the 140 wage quotations.
cc Applies to but 13 of the 15 wage quotations.
dd Applies to but 46 of the 60 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Japan	184	(a) M.	(a)	0.19-0.19-0.19
1884 Lux'burg	128	(a) (a)	(a)	.80- .80- .80
1884 Madeira Is	178	(a) M.	54-54-54	.65- .65- .65
1884 Malta	178	(a) M.	54-60 —	.60-1.22- —
1884 Mexico	178	(a) (a)	b 60-60-60	.43-6.00- —
1884 Morocco	178	(a) (a)	60-72 —	.20-1.50- —
1884 Netherl'ds	178	(a) M.	60-72 —	.60-1.20- —
1884 Netherl'ds	184	(a) (a)	(a)	c .06- .06- .06
1884 N. Zealand	178	(a) (a)	60-60-60	2.12-2.92- —
1884 Persia	178	(a) M.	(a)	.09½- .65- —
1884 Peru	178	(a) M.	d 54-54-54	2.05-3.29- —
1884 Philip. Is.	178	(a) M.	(a)	.75-3.00- —
1884 Portugal	178	(a) M.	(a)	.80- .80- .80
1884 Russia	178	(a) M.	e 55-78 —	.25-1.42- —
1884 Russia	178	(a) M.	72-72-72	f .28-1.20- —
1884 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1884 Scotland	49	(a) (a)	(a)	c .14- .14- .14
1884 Scotland	178	(a) M.	g 51-72 —	.81-1.38- —
1884 Scotland	575	(a) M.	54-54-54	1.22-1.22-1.22
1884 S'ra Leone	178	(a) M.	48-48-48	.48- .72- —
1884 Spain	178	(a) M.	h 54-72 —	.48-1.84- —
1884 Switzerl'd.	178	(a) M.	i 60-66 —	.50-1.54- —
1884 Turkey	178	(a) M.	48-69 —	.44-1.32- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.32-3.36- —
1884 Venezuela	178	(a) (a)	j 60-60-60	1.34-4.00- —
1884 Wales	178	(a) M.	k 54-63 —	.81-1.62- —
1885 Cal.	1	34 M.	60-60-60	2.00-3.75-3.29
1885 Cal.	16	52 M.	54-60-56	3.00-6.00-3.49
1885 Conn.	1	55 M.	60-60-60	2.00-3.50-2.76
1885 Conn.	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Conn.	190	2 M.	60-60-60	3.25-3.50-3.38
1885 Del.	1	51 M.	60-60-60	2.25-2.30-2.27
1885 Del.	190	17 M.	60-60-60	1.50-2.17-1.71
1885 Ga	1	2 M.	69-69-69	1.50-1.70-1.60
1885 Ill.	1	281 M.	60-66-60	1.50-4.00-2.41
1885 Ill.	16	64 M.	60-60-60	2.70-3.15-2.88
1885 Ind	1	65 M.	60-60-60	1.50-2.75-2.17
1885 Kans.	239	9 M.	54-60-59	1.50-3.81-2.60
1885 Ky	1	13 M.	60-60-60	2.25-3.00-2.60
1885 La	16	1 M.	60-60-60	3.00-3.00-3.00
1885 Me.	1	33 M.	60-66-61	1.75-2.50-2.19
1885 Me.	7	1 M.	66-66-66	2.25-2.25-2.25
1885 Md.	1	13 M.	66-72-69	1.50-2.00-1.74
1885 Md.	16	29 M.	58-60-59	1.83-3.00-2.24
1885 Md.	190	6 M.	60-60-60	2.25-2.50-2.38
1885 Mass.	1	8 M.	l 60-60-60	1.50-2.96-2.38
1885 Mass.	16	6 M.	54-60-57	2.52-3.70-2.80
1885 Mass.	190	7 M.	60-60-60	1.75-3.25-2.47
1885 Mich.	1	5 M.	60-66-61	1.38-2.75-2.18
1885 Mich.	7	1 M.	60-60-60	2.00-2.00-2.00
1885 Mich.	279	140 M.	n 66-66-66	1.35-3.83-2.14
1885 Minn	16	9 M.	60-60-60	2.40-2.50-2.44
1885 Mo.	1	7 M.	48-48-48	2.00-2.00-2.00
1885 Mo.	16	9 M.	50-60-54	2.50-2.80-2.63
1885 Mo.	296	13 M.	60-60-60	1.75-3.08-2.67
1885 N. H	7	2 M.	o 66-66-66	1.63-2.00-1.82
1885 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1885 N. J	1	30 M.	45-60-57	1.92-3.06-2.23
1885 N. J	7	2 M.	(a)	2.00-2.00-2.00
1885 N. J	190	4 M.	60-60-60	2.75-3.00-2.83
1885 N. J	324	337 M.	p 42-62-60	1.50-3.60-2.68
1885 N. Y.	1	82 M.	60-72-64	1.67-3.00-2.13
1885 N. Y.	7	1 M.	59-59-59	2.67-2.67-2.67
1885 N. Y.	16	7 M.	60-60-60	2.10-3.00-2.63
1885 N. Y.	190	45 M.	q 60-60-60	1.35-3.25-2.66
1885 N. C.	1	4 M.	60-60-60	1.75-2.35-2.05
1885 Ohio	1	310 M.	54-72-61	1.50-3.75-2.16
1885 Ohio	16	17 M.	60-60-60	1.80-3.00-2.26
1885 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50
1885 Pa	1	86 M.	48-72-61	1.75-3.50-2.31
1885 Pa	7	2 M.	o 60-60-60	2.00-2.00-2.00
1885 Pa	16	27 M.	60-60-60	1.70-3.75-2.45
1885 Pa	190	12 M.	60-60-60	1.90-2.30-1.98
1885 Pa	389	1282 M.	r 60-72-60	1.35-2.93-2.12
1885 Tenn	1	5 M.	60-72-65	1.35-2.10-1.80
1885 Tenn	7	1 M.	67-67-67	1.50-1.50-1.50
1885 Vt	1	16 M.	60-66-61	1.50-2.10-1.82
1885 Va	1	34 M.	48-72-60	1.35-3.00-2.17
1885 Va	16	11 M.	60-60-60	1.50-2.25-1.98
1885 W. Va	1	13 M.	60-66-60	2.00-2.50-2.12
1885 Wis	408	1 M.	60-60-60	3.30-3.30-3.30
1885 Australia	54	(a) (a)	(a)	1.42-2.43- —
1885 Australia	175	(a) (a)	(a)	2.19-3.40- —
1885 Australia	175	(a) (a)	(a)	f 1.82-3.24- —
1885 Australia	431	(a) (a)	(a)	1.17-1.24- —
1885 Australia	431	(a) (a)	(a)	c .24½-.36½ —
1885 Aust-Hun	632	(a) M.	(a)	.59- .59- .59
1885 Belgium	1	(a) M.	72-72-72	.60- .60- .60
1885 Belgium	16	(a) M.	(a)	.66-1.26- —
1885 Belgium	456	(a) (a)	(a)	.43- .59- —
1885 Br. India	459	(a) (a)	(a)	.09½-.27- —
1885 Canada	467	(a) M.	56-63 —	1.42-2.04- —
1885 Chile	184	(a) M.	(a)	1.82-2.60- —
1885 Ecuador	54	(a) (a)	(a)	.24-. 24- .24
1885 England	16	(a) M.	54-54-54	1.38-1.54- —
1885 England	575	(a) M.	54-54-54	1.22-1.22-1.22
1885 England	577	(a) M.	(a)	.90- .90- .90
1885 France	16	(a) M.	(a)	1.26-1.50- —
1885 France	17	(a) M.	(a)	1.06-1.35- —
1885 France	113	(a) M.	(a)	.64-1.35- —
1885 France	494	(a) M.	(a)	.76-1.35- —
1885 Germany	71	(a) M.	69-72 —	.67- .79- —
1885 Germany	547	(a) M.	(a)	.54-1.19- —
1885 Germany	547	(a) M.	(a)	c .06- .08½ —
1885 Gr't Brit	1	(a) M.	54-72 —	.96-1.20- —
1885 Japan	643	(a) M.	(a)	s .16- .51- —
1885 Lux'burg	128	(a) (a)	(a)	.80- .80- .80
1885 N. Zealand	68	(a) M.	(a)	.57-2.92- —
1885 Norway	686	(a) M.	(a)	.48- .67- —
1885 Russia	55	(a) (a)	(a)	.30- .50- —
1885 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1885 Scotland	575	(a) M.	54-54-54	1.14-1.14-1.14
1885 Switzerl'd.	184	(a) (a)	(a)	.60- .60- .60
1885 Wales	274	(a) M.	(a)	1.35-1.35-1.35
1886 Cal.	16	52 M.	54-60-56	3.00-6.00-3.50
1886 Cal.	193	712 M.	t 48-60-60	1.73-3.50-2.62
1886 Cal.	193	81 M.	u 60-60-60	s 2.30-2.50-2.44
1886 Conn.	2	255 M.	60-60-60	2.00-2.85-2.32
1886 Conn.	190	3 M.	60-60-60	2.75-3.50-3.17
1886 Del.	190	12 M.	60-60-60	1.50-2.17-1.75
1886 Ill.	16	57 M.	60-60-60	2.65-3.15-2.91
1886 Ill.	208	307 M.	54-60-59	1.50-2.80-2.28

a Not reported.
b Applies to but 15 of the 22 wage quotations.
c Per hour.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 26 of the 30 wage quotations.
f And board and lodging.
g Applies to but 28 of the 31 wage quotations.
h Applies to but 29 of the 34 wage quotations.
i Applies to but 16 of the 24 wage quotations.
j Applies to but 6 of the 10 wage quotations.
k Applies to but 13 of the 19 wage quotations.
l Not including hours of 4 persons not reported.
n Not including hours of 118 persons not reported.
o Not including hours of 1 person not reported.
p Not including hours of 8 persons not reported.
q Not including hours of 2 persons not reported.
r Not including hours of 1,162 persons not reported.
s And board.
t Not including hours of 125 persons not reported.
u Not including hours of 58 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Ind	2	60 M.	60-60-60	1.75-1.75-1.75
1886 Iowa	232	550 M.	a48-72-60	.50-7.00-2.02
1886 Kans	240	15 M.	b60-70-61	1.66-4.00-2.23
1886 La	16	1 M.	60-60-60	3.00-3.00-3.00
1886 Md	16	30 M.	58-60-59	1.83-3.00-2.27
1886 Md	190	6 M.	60-60-60	2.25-2.50-2.38
1886 Mass	16	7 M.	54-60-56	1.50-3.15-2.81
1886 Mass	190	6 M.	60-60-60	1.65-3.25-2.49
1886 Minn	16	10 M.	60-60-60	2.40-2.50-2.44
1886 Mo	16	8 M.	50-60-54	2.50-2.80-2.61
1886 N. H	7	4 M.	60-60-60	1.13-1.75-1.59
1886 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1886 N. J	190	3 M.	60-60-60	2.75-3.00-2.86
1886 N. J	325	86 M.	60-60-60	1.73-3.33-2.56
1886 N. Y	16	4 M.	60-60-60	2.10-3.10-2.75
1886 N. Y	190	49 M.	c60-60-60	1.50-3.25-2.63
1886 Ohio	16	18 M.	60-60-60	1.80-3.00-2.25
1886 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1886 Ohio	368	23 M.	(d)	.84-3.49-1.95
1886 Pa	2	2 M.	60-60-60	3.00-3.00-3.00
1886 Pa	7	1 M.	60-60-60	2.00-2.00-2.00
1886 Pa	16	31 M.	60-60-60	2.00-3.75-2.50
1886 Pa	190	8 M.	60-60-60	1.90-2.20-1.99
1886 R. I	7	1 M.	60-60-60	2.67-2.67-2.67
1886 Vt	8	2 M.	60-60-60	2.25-2.25-2.25
1886 Va	16	17 M.	60-60-60	2.00-2.25-2.09
1886 Argentina	57	(d) M.	e60-60-60	2.00-4.33- —
1886 Australia	184	(d) M.	(d)	1.42-3.24- —
1886 Aust-Hun	60	(d) (d)	(d)	.31-1.11- —
1886 Aust-Hun	184	(d) (d)	(d)	.52- .65- —
1886 Aust-Hun	632	(d) M.	(d)	.56- .56- .56
1886 Belgium	16	(d) M.	(d)	.66-1.26- —
1886 Belgium	456	(d) M.	(d)	.34-1.01- —
1886 Belgium	456	(d) M.	(d)	f.09½-.09½-.09½ —
1886 Bolivia	57	(d) M.	(d)	6.00-7.50- —
1886 Br. India	459	(d) (d)	(d)	.09- .26- —
1886 Canada	73	(d) M.	(d)	2.00-2.25- —
1886 Canada	461	(d) M.	60-60-60	1.25-3.75- —
1886 Canada	468	(d) M.	57-60 —	1.46-1.75- —
1886 C.of G'd H.	483	(d) (d)	(d)	1.70-4.87- —
1886 Chile	64	(d) M.	66-66-66	2.00-2.00-2.00
1886 England	16	(d) M.	54-54-54	1.38-1.54- —
1886 England	575	(d) M.	54-54-54	1.22-1.22-1.22
1886 England	577	(d) M.	(d)	.90- .90- .90
1886 England	600	(d) M.	57-57-57	1.31-1.31-1.31
1886 England	603	(d) M.	(d)	1.01-1.77- —
1886 England	604	(d) M.	g54-54-54	.75-2.19- —
1886 France	5	(d) M.	(d)	.87- .87- .87
1886 France	16	(d) M.	(d)	1.35-1.50- —
1886 France	17	(d) M.	(d)	1.06-1.35- —
1886 France	66	(d) M.	(d)	.89-1.16- —
1886 France	495	(d) M.	(d)	.76-1.35- —
1886 Germany	175	(d) (d)	(d)	.50- .75- —
1886 Germany	548	(d) (d)	(d)	.60-1.38- —
1886 Gr't Brit	602	(d) M.	(d)	.68-1.14- —
1886 Gr't Brit	604	(d) M.	h54-54-54	.96-1.15- —
1886 Gr't Brit	632	(d) M.	54-54-54	1.22-1.42- —
1886 Ireland	600	(d) M.	57-57-57	1.18-1.18-1.18
1886 Ireland	604	(d) M.	i54-54-54	1.00-1.41- —
1886 Italy	5	(d) M.	(d)	.85- .85- .85
1886 Japan	644	(d) M.	(d)	j .16- .45- —
1886 Lux'burg	128	(d) (d)	(d)	.85- .85- —
1886 Mexico	63	(d) M.	48-48-48	1.00-1.00-1.00
1886 Netherl'ds	456	(d) (d)	60-66 —	.67-1.61- —
1886 Scotland	16	(d) M.	54-54-54	1.18-1.18-1.18
1886 Scotland	67	(d) M.	56-56-56	1.01-1.01-1.01
1886 Scotland	575	(d) M.	54-54-54	1.14-1.14-1.14
1886 Scotland	600	(d) M.	57-57-57	1.01-1.01-1.01
1886 Scotland	603	(d) M.	(d)	1.02-1.21- —
1886 Scotland	604	(d) M.	k54-54-54	.92-1.95- —
1886 Spain	66	(d) M.	(d)	.50-1.00- —
1887 Cal	16	45 M.	54-60-57	3.00-6.00-3.56
1887 Conn	4	53 M.	(d)	1.63-3.25-2.42
1887 Conn	190	3 M.	60-60-60	2.00-3.50-2.92
1887 Conn	202	69 M.	(d)	2.00-2.79-2.32
1887 Del	4	4 M.	(d)	f.20- .25-.22½
1887 Del	190	12 M.	60-60-60	1.83-2.33-2.06
1887 Fla	4	13 M.	(d)	1.34-3.25-2.63
1887 Ill	16	64 M.	60-60-60	2.65-3.15-2.91
1887 Kans	241	163 M.	l42-70-56	1.56-2.85-2.44
1887 Kans	242	1 M.	(d)	2.00-2.00-2.00
1887 La	16	1 M.	60-60-60	3.00-3.00-3.00
1887 Me	4	4 M.	(d)	2.00-2.25-2.06
1887 Me	253	2 M.	60-60-60	2.60-2.85-2.73
1887 Md	4	380 M.	n60-60-60	1.25-2.95-1.88
1887 Md	16	31 M.	58-60-59	1.83-3.00-2.24
1887 Md	190	7 M.	60-60-60	2.25-2.50-2.36
1887 Mass	4	135 M.	(d)	1.50-3.25-2.27
1887 Mass	16	6 M.	54-60-57	1.50-3.15-2.65
1887 Mass	190	7 M.	60-60-60	1.75-3.25-2.41
1887 Mich	4	35 M.	o60-60-60	1.50-3.15-2.26
1887 Mich	4	6 M.	(d)	f.16- .30- .22
1887 Minn	16	10 M.	60-60-60	2.40-2.50-2.44
1887 Mo	4	105 M.	(d)	1.60-3.00-2.61
1887 Mo	16	8 M.	50-60-54	2.50-2.80-2.61
1887 Mo	297	10 M.	60-72-66	2.17-3.67-2.75
1887 Nebr	312	90 (d)	54-60-57	1.75-3.85-2.63
1887 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1887 N. J	4	105 M.	(d)	1.00-3.00-2.06
1887 N. J	190	3 M.	60-60-60	2.50-3.00-2.78
1887 N. Y	4	280 M.	(d)	1.45-3.35-2.12
1887 N. Y	16	6 M.	60-60-60	3.00-3.40-3.20
1887 N. Y	190	46 M.	c60-60-60	1.75-3.50-2.72
1887 N. C	4	2 M.	(d)	1.25-1.50-1.38
1887 N. C	342	35 M.	b60-72-67	.75-2.50-1.24
1887 Ohio	16	18 M.	60-60-60	1.75-3.00-2.25
1887 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1887 Ohio	369	5411 M.	48-72-59	.75-4.50-2.04
1887 Oregon	4	31 M.	(d)	2.25-3.75-3.10
1887 Pa	4	339 M.	p60-60-60	1.25-3.75-2.20
1887 Pa	4	13 M.	(d)	f.22- .30-.24½
1887 Pa	16	36 M.	60-60-60	2.00-3.75-2.48
1887 Pa	190	9 M.	60-60-60	2.00-2.60-2.30
1887 Pa	390	42 M.	q60-60-60	2.10-2.75-2.54
1887 R. I	4	15 M.	(d)	1.75-2.75-2.41
1887 R. I	396	60 M.	48-60-54	1.92-2.40-2.16
1887 Va	4	10 M.	(d)	1.15-2.75-2.08
1887 Va	16	47 M.	60-60-60	2.00-2.25-2.11
1887 W. Va	4	12 M.	(d)	1.50-2.50-1.73
1887 Wis	4	164 M.	(d)	1.25-2.85-1.75
1887 Wis	409	887 M.	r60-66-61	1.15-5.77-1.93
1887 Wis	409	1 M.	(d)	j .96- .96- .96
1887 Australia	420	(d) M.	e48-48-48	1.95-3.41- —
1887 Aust-Hun	632	(d) M.	(d)	.52- .59- —

a Not including hours of 355 persons not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Not reported.
e Applies to but 4 of the 6 wage quotations.
f Per hour.
g Applies to but 12 of the 34 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 2 of the 4 wage quotations.
j And board.
k Applies to but 3 of the 11 wage quotations.
l Not including hours of 6 persons not reported.
n Not including hours of 376 persons not reported.
o Not including hours of 4 persons not reported.
p Not including hours of 331 persons not reported.
q Not including hours of 40 persons not reported.
r Not including hours of 874 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Belgium ..	16	(a) M.	(a)	0.63-1.26- —
1887 Belgium ..	598	(a) M.	(a)	.77- .77- .77
1887 Br. India..	459	(a) (a)	(a)	.08½-.25- —
1887 Canada ...	469	(a) M.	56-59 —	1.58-1.75- —
1887 C.of G'd H.	483	(a) (a)	(a)	.85-3.04- —
1887 England ..	16	(a) M.	54-54-54	1.38-1.54- —
1887 England ..	70	(a) M.	(a)	1.05-1.05-1.05
1887 England ..	575	(a) M.	54-54-54	1.22-1.22-1.22
1887 England ..	577	(a) M.	(a)	.87- .87- .87
1887 France....	16	(a) M.	(a)	1.35-1.55- —
1887 France....	17	(a) M.	(a)	1.33-1.40- —
1887 France....	495	(a) M.	(a)	.75-1.35- —
1887 Germany .	6	(a) M.	(a)	.72- .72- .72
1887 Germany .	557	(a) (a)	b54-66 —	.57-1.90- —
1887 Japan.....	645	(a) M.	(a)	c.16- .39- —
1887 Lux'burg .	128	(a) (a)	(a)	.85- .85- .85
1887 Netherl'ds	598	(a) (a)	60-66 —	.68-1.62- —
1887 Scotland ..	16	(a) M.	54-54-54	1.18-1.18-1.18
1887 Scotland ..	575	(a) M.	54-54-54	1.14-1.14-1.14
1887 Scotland ..	599	(a) M.	(a)	1.19-1.19-1.19
1888 Cal.....	16	47 M.	54-60-57	3.00-6.00-3.68
1888 Colo.....	198	35 M.	d60-60-60	2.50-3.45-3.03
1888 Conn.....	190	4 M.	60-60-60	2.25-3.50-2.88
1888 Del.....	190	12 M.	60-60-60	1.83-2.33-2.11
1888 Ga	6	1 M.	66-66-66	2.00-2.00-2.00
1888 Ill.....	5	6 M.	e60-60-60	2.00-2.50-2.32
1888 Ill.....	16	66 M.	60-60-60	2.60-3.00-2.88
1888 Ill.....	209	2 M.	(a)	2.00-2.25-2.13
1888 Ind	5	2 M.	(a)	2.50-2.50-2.50
1888 Iowa.....	233	1064 M.	f54-68-59	1.50-3.45-2.25
1888 Kans.....	242	139 M.	g57-72-59	1.50-3.05-2.58
1888 Kans.....	243	3 M.	(a)	2.25-2.25-2.25
1888 La	16	1 M.	60-60-60	3.00-3.00-3.00
1888 Me.....	254	9 M.	h60-60-60	.96-2.75-1.76
1888 Md.....	16	28 M.	58-60-59	1.83-3.00-2.18
1888 Md.....	190	5 M.	60-60-60	2.25-2.50-2.40
1888 Mass	16	6 M.	54-60-57	1.50-3.50-2.80
1888 Mass	190	4 M.	60-60-60	2.25-3.25-2.75
1888 Mich	280	88 M.	60-72-60	1.15-3.26-2.18
1888 Minn	16	12 M.	60-60-60	2.40-2.50-2.45
1888 Mo.....	16	9 M.	50-60-55	2.50-2.80-2.61
1888 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1888 N. J	190	3 M.	60-60-60	2.50-3.00-2.75
1888 N. J	326	159 M.	i58-60-59	1.75-3.67-2.29
1888 N. Y.....	6	3 M.	e60-60-60	2.00-2.40-2.22
1888 N. Y.....	10	1 M.	48-48-48	2.00-2.00-2.00
1888 N. Y.....	16	7 M.	60-60-60	3.00-3.40-3.18
1888 N. Y.....	190	39 M.	j60-60-60	2.20-3.65-2.87
1888 N. Y.....	331	952 M.	k48-60-59	1.41-5.00-2.57
1888 N. Y.....	331	10 M.	(a)	l.20- .33½- .29⅛
1888 N. C.....	343	91 M.	n48-72-59	.35-2.50-1.38
1888 Ohio	5	1 M.	60-60-60	2.25-2.25-2.25
1888 Ohio	16	19 M.	60-60-60	1.75-3.17-2.29
1888 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1888 Ohio	370	5642 M.	o60-72-60	1.22-2.92-2.11
1888 Pa	5	6 M.	60-65-61	1.75-2.80-2.05
1888 Pa	16	38 M.	60-60-60	1.80-3.75-2.40
1888 Pa	190	9 M.	60-60-60	2.00-2.50-2.23
1888 R. I	6	3 M.	e60-60-60	1.80-2.50-2.13
1888 R. I	397	8 M.	(a)	1.10-2.75-1.98
1888 S. C	6	2 M.	(a)	1.00-1.70-1.35
1888 Tenn.....	5	4 M.	e 60-60-60	2.00-2.25-2.13
1888 Va	5	10 M.	j 60-72-66	1.40-2.05-1.81
1888 Va	16	12 M.	60-60-60	2.00-2.25-2.15
1888 W. Va	5	3 M.	66-72-68	2.50-2.90-2.77
1888 Australia..	83	(a) (a)	(a)	2.00-2.25- —
1888 Australia..	421	(a) M.	p48-48-48	1.95-3.41- —
1888 Australia..	432	(a) M.	(a)	2.47-2.60- —
1888 Aust-Hun .	447	(a) M.	(a)	.07- .63- —
1888 Belgium...	5	(a) M.	q72-72-72	.66- .68- —
1888 Belgium...	16	(a) M.	(a)	.66-1.26- —
1888 Br. India ..	459	(a) (a)	(a)	.08½-.25- —
1888 Canada....	80	(a) M.	(a)	2.00-3.00- —
1888 Canada....	470	(a) M.	51-60 —	1.64-1.75- —
1888 C.of G'd H.	483	(a) (a)	(a)	.85-5.27- —
1888 England ..	5	(a) M.	(a)	.71-1.18- —
1888 England ..	16	(a) M.	54-54-54	1.38-1.54- —
1888 England ..	575	(a) M.	54-54-54	1.34-1.34-1.34
1888 England ..	577	(a) M.	(a)	.87- .87- .87
1888 France....	6	(a) M.	(a)	.66- .85- —
1888 France....	16	(a) M.	(a)	1.35-1.64- —
1888 France....	17	(a) M.	(a)	1.34-1.40- —
1888 Germany .	5	(a) M.	72-72-72	.48- .76- —
1888 Germany .	6	(a) M.	(a)	.55- .69- —
1888 Germany .	558	(a) (a)	r 54-66 —	.64-1.90- —
1888 Germany .	615	(a) M.	(a)	.54-1.07- —
1888 Germany .	615	(a) M.	(a)	l.10- .10- .10
1888 Italy	5	(a) M.	(a)	.50- .60- —
1888 Lux'burg .	128	(a) (a)	(a)	.85- .85- .85
1888 Scotland ..	16	(a) M.	54-54-54	1.22-1.22-1.22
1888 Scotland ..	575	(a) M.	54-54-54	1.20-1.20-1.20
1888 Spain.	5	(a) M.	78-78-78	.95- .95- .95
1888 Switzerl'd.	6	(a) (a)	(a)	.55- .55- .55
1889 Ala.....	5	73 M.	s 48-84-63	1.25-3.00-2.19
1889 Cal.....	16	46 M.	54-60-56	3.00-6.00-3.54
1889 Conn.....	6	1 M.	(a)	2.00-2.00-2.00
1889 Conn.....	190	3 M.	60-60-60	3.00-3.50-3.25
1889 Del	5	4 M.	60-60-60	1.67-1.67-1.67
1889 Del	190	11 M.	60-60-60	2.00-2.50-2.20
1889 Fla	8	2 M.	60-60-60	3.00-3.00-3.00
1889 Ga	5	2 M.	h 84-84-84	1.50-2.00-1.75
1889 Ill	5	57 M.	e 60-72-60	1.75-4.17-2.35
1889 Ill	16	73 M.	60-60-60	2.50-3.00-2.84
1889 Ill.....	209	30 M.	(a)	1.60-2.75-2.14
1889 Ind	5	16 M.	h 60-72-61	1.75-2.75-2.18
1889 Ind	6	2 M.	60-60-60	3.13-3.33-3.23
1889 Iowa.....	233	94 M.	t 48-60-49	1.50-2.51-2.25
1889 Kans	243	168 M.	u 36-60-59	1.00-3.25-2.26
1889 La	16	1 M.	60-60-60	3.00-3.00-3.00
1889 Me.....	6	1 M.	(a)	2.00-2.00-2.00
1889 Me.....	255	11 M.	n 60-60-60	1.75-3.00-2.27
1889 Md	5	15 M.	60-60-60	1.93-2.50-2.14
1889 Md	6	2 M.	(a)	1.50-1.75-1.63
1889 Md	16	29 M.	58-60-59	1.67-2.83-2.01
1889 Md	190	4 M.	60-60-60	2.25-2.50-2.38
1889 Mass	6	6 M.	h 60-60-60	1.50-2.48-1.97
1889 Mass	16	6 M.	54-60-57	1.50-3.20-2.68
1889 Mass	190	6 M.	60-60-60	1.75-3.25-2.46
1889 Mich.....	5	94 M.	h 60-60-60	1.25-3.19-2.19
1889 Minn	5	10 M.	60-60-60	2.25-2.40-2.37

a Not reported.
b Applies to but 27 of the 34 wage quotations.
c And board.
d Not including hours of 27 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 302 persons not reported.
g Not including hours of 25 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 147 persons not reported.
j Not including hours of 3 persons not reported.
k Not including hours of 230 persons not reported.
l Per hour.
n Not including hours of 4 persons not reported.
o Not including hours of 5,591 persons not reported.
p Applies to but 2 of the 3 wage quotations.
q Applies to but 1 of the 2 wage quotations.
r Applies to but 34 of the 36 wage quotations.
s Not including hours of 11 persons not reported.
t Not including hours of 54 persons not reported.
u Not including hours of 41 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Minn	16	16	M.	60-60-60	2.75-2.75-2.75
1889 Mo	5	16	M.	a72-72-72	1.60-3.00-2.10
1889 Mo	16	8	M.	50-60-54	2.50-2.80-2.61
1889 Mo	299	47	(b)	(b)	.85-3.35-2.32
1889 N. H	6	3	M.	(b)	2.00-2.40-2.13
1889 N. J	6	1	M.	60-60-60	3.07-3.07-3.07
1889 N. J	190	3	M.	60-60-60	2.50-3.00-2.75
1889 N. Y	5	27	M.	c60-72-61	1.60-3.25-2.48
1889 N. Y	6	5	M.	d60-60-60	1.58-2.50-1.97
1889 N. Y	16	8	M.	60-60-60	2.20-3.40-2.80
1889 N. Y	190	39	M.	e60-60-60	2.20-3.65-2.87
1889 N. C	344	9	M.	60-66-61	.58-2.00-1.31
1889 Ohio	5	112	M.	f40-84-60	1.15-3.35-2.12
1889 Ohio	16	16	M.	60-60-60	1.75-2.90-2.31
1889 Ohio	190	2	M.	60-60-60	2.25-2.25-2.25
1889 Pa	5	160	M.	g48-84-60	1.20-4.00-2.18
1889 Pa	16	44	M.	60-60-60	1.80-3.75-2.47
1889 Pa	189	2	(b)	(b)	2.30-2.30-2.30
1889 Pa	190	10	M.	60-60-60	2.00-2.50-2.14
1889 Tenn	5	19	M.	h60-84-68	1.50-3.00-1.89
1889 Tenn	6	1	M.	66-66-66	1.50-1.50-1.50
1889 Va	5	22	M.	i60-72-69	1.50-2.75-1.87
1889 Va	16	19	M.	60-60-60	1.92-2.25-2.08
1889 W. Va	5	29	M.	j54-72-64	1.50-3.67-2.32
1889 Wis	5	4	M.	k60-60-60	2.25-2.50-2.39
1889 Australia	422	(b)	(b)	48-48-48	1.95-2.96- —
1889 Australia	432	(b)	M.	(b)	2.92-2.92-2.92
1889 Belgium	5	(b)	M.	l60-84 —	.45-1.19- —
1889 Belgium	16	(b)	M.	(b)	.58-1.21- —
1889 Br. India	459	(b)	(b)	(b)	.08- .25- —
1889 Canada	5	(b)	M.	m60-60-60	1.10-2.00- —
1889 Canada	471	(b)	M.	59-59-59	1.58-1.68- —
1889 Canada	481	(b)	M.	(b)	2.50-2.50-2.50
1889 C.of G'd H.	483	(b)	(b)	(b)	1.46-3.65- —
1889 China	86	(b)	(b)	(b)	.40-1.00- —
1889 China	88	(b)	(b)	(b)	.19- .19- .19
1889 Denmark	520	(b)	(b)	(b)	.63-1.03- —
1889 England	5	(b)	M.	o48-60 —	.51-1.52- —
1889 England	6	(b)	M.	57-57-57	1.22-1.22-1.22
1889 England	16	(b)	M.	54-54-54	1.30-1.54- —
1889 England	575	(b)	M.	54-54-54	1.42-1.42-1.42
1889 England	576	(b)	M.	(b)	1.14-1.14-1.14
1889 England	577	(b)	M.	(b)	.93- .93- .93
1889 France	5	(b)	M.	p60-84 —	.70-1.60- —
1889 France	6	(b)	M.	(b)	.87- .87- .87
1889 France	16	(b)	M.	(b)	1.35-1.64- —
1889 France	17	(b)	M.	(b)	1.35-1.40- —
1889 France	463	(b)	(b)	(b)	q.10- .14- —
1889 Germany	5	(b)	M.	r72-72-72	.29- .76- —
1889 Germany	534	(b)	(b)	(b)	.76- .86- —
1889 Germany	550	(b)	M.	s72-78 —	.65-1.31- —
1889 Italy	5	(b)	M.	(b)	.55- .84- —
1889 Italy	95	(b)	M.	t60-60-60	.30- .80- —
1889 Italy	632	(b)	M.	(b)	.63- .63- .63
1889 Jamaica	89	(b)	(b)	55-55-55	1.00-1.00-1.00
1889 Lux'burg	128	(b)	(b)	(b)	.85- .85- .85
1889 Netherl'ds	516	(b)	M.	(b)	.80- .80- .80
1889 Netherl'ds	516	(b)	M.	(b)	q.07- .09- —
1889 N. Zealand	134	(b)	M.	48-48-48	2.43-2.43-2.43
1889 Portugal	691	(b)	M.	u51-84 —	0.04½-2.39- —
1889 Scotland	5	(b)	M.	57-57-57	1.34-1.34-1.34
1889 Scotland	16	(b)	M.	54-54-54	1.26-1.26-1.26
1889 Scotland	575	(b)	M.	54-54-54	1.20-1.20-1.20
1889 Spain	5	(b)	M.	72-78 —	.85-1.10- —
1890 Ala	5	6	M.	k60-60-60	1.75-3.65-2.57
1890 Ala	6	2	M.	(b)	1.00-1.20-1.10
1890 Cal	16	50	M.	48-60-52	2.80-6.00-3.36
1890 Cal	195	1	M.	(b)	3.00-3.00-3.00
1890 Conn	190	3	M.	60-60-60	2.25-3.50-3.08
1890 Del	190	14	M.	60-60-60	2.00-2.33-2.17
1890 Fla	8	1	M.	60-60-60	3.00-3.00-3.00
1890 Ill	6	11	M.	k60-60-60	1.75-3.00-2.35
1890 Ill	16	64	M.	60-60-60	2.50-3.00-2.86
1890 Ind	6	7	M.	k54-60-59	2.17-3.33-3.09
1890 Kans	244	42	M.	(b)	1.50-3.00-2.28
1890 La	16	1	M.	60-60-60	3.00-3.00-3.00
1890 Md	6	7	M.	d48-60-54	1.75-3.33-2.56
1890 Md	16	30	M.	58-60-59	1.67-2.83-2.12
1890 Md	190	4	M.	60-60-60	2.25-2.50-2.38
1890 Mass	8	2	M.	54-60-57	3.00-3.00-3.00
1890 Mass	16	7	M.	54-60-56	1.50-3.15-2.60
1890 Mass	190	7	M.	60-60-60	1.75-3.25-2.43
1890 Mich	5	2	M.	60-60-60	2.25-2.50-2.38
1890 Mich	282	449	M.	60-60-60	.50-3.83-1.82
1890 Minn	16	16	M.	60-60-60	2.75-2.75-2.75
1890 Minn	292	112	M.	(b)	2.00-3.00-2.37
1890 Mo	6	3	M.	k60-60-60	1.25-2.50-1.92
1890 Mo	16	8	M.	50-60-54	2.50-2.80-2.61
1890 Nebr	313	2	M.	(b)	1.75-2.75-2.25
1890 N. J	6	14	M.	e60-72-62	1.33-3.03-2.12
1890 N. J	190	2	M.	60-60-60	2.50-2.75-2.63
1890 N. Y	6	10	M.	v59-60-60	1.50-2.88-2.05
1890 N. Y	16	12	M.	60-60-60	2.25-3.50-2.83
1890 N. Y	190	45	M.	d60-60-60	2.15-3.65-2.84
1890 N. Y	333	1060	M.	(b)	1.00-4.50-2.24
1890 N. C	8	1	M.	60-60-60	2.00-2.00-2.00
1890 N. C	345	1	M.	60-60-60	.80- .80- .80
1890 Ohio	5	2	M.	60-70-65	1.25-2.40-1.83
1890 Ohio	6	18	M.	x54-60-59	1.53-3.00-2.29
1890 Ohio	16	20	M.	60-60-60	1.80-2.90-2.33
1890 Ohio	190	2	M.	60-60-60	2.25-2.25-2.25
1890 Ohio	371	789	(b)	48-66-58	1.15-5.00-2.18
1890 Pa	5	4	M.	k54-70-62	1.90-2.25-2.10
1890 Pa	6	21	M.	y60-60-60	1.34-4.00-2.40
1890 Pa	16	50	M.	60-60-60	1.70-3.75-2.44
1890 Pa	190	10	M.	60-60-60	2.00-2.50-2.16
1890 R. I	6	1	M.	(b)	1.50-1.50-1.50
1890 Tenn	6	1	M	(b)	1.50-1.50-1.50
1890 Va	16	11	M.	60-60-60	2.08-2.25-2.22
1890 Wis	5	3	M.	60-66-62	2.75-2.75-2.75
1890 Australia	423	(b)	(b)	48-48-48	1.95-2.96- —
1890 Belgium	6	(b)	M.	66-66-66	.75- .81- —
1890 Belgium	16	(b)	M.	(b)	.58-1.21- —
1890 Br. India	459	(b)	(b)	(b)	.10- .31- —
1890 C.of G'd H.	484	(b)	M.	(b)	1.46-4.87- —
1890 England	5	(b)	M.	(b)	.77-1.28- —
1890 England	16	(b)	M.	54-54-54	1.38-1.54- —
1890 England	92	(b)	M.	56-56-56	1.13-1.13-1.13

a Not including hours of 14 persons not reported.
b Not reported.
c Not including hours of 8 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 4 persons not reported.
f Not including hours of 13 persons not reported.
g Not including hours of 39 persons not reported.
h Not including hours of 7 persons not reported.
i Not including hours of 1 person not reported.
j Not including hours of 15 persons not reported.
k Not including hours of 2 persons not reported.
l Applies to but 17 of the 24 wage quotations.
m Applies to but 12 of the 15 wage quotations.
o Applies to but 27 of the 40 wage quotations.
p Applies to but 3 of the 11 wage quotations.
q Per hour.
r Applies to but 1 of the 35 wage quotations.
s Applies to but 5 of the 11 wage quotations.
t Applies to but 1 of the 7 wage quotations.
u Applies to but 33 of the 176 wage quotations.
v Not including hours of 5 persons not reported.
x Not including hours of 9 persons not reported.
y Not including hours of 17 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 England ..	180	(a) M.	b 54-54-54	1.22-1.38- —
1890 England ..	576	(a) M.	(a)	1.22-1.22-1.22
1890 England ..	577	(a) M.	54-54-54	1.12-1.12-1.12
1890 France....	16	(a) M.	(a)	1.55-1.64- —
1890 France....	17	(a) M.	(a)	1.40-1.41- —
1890 Germany..	5	(a) M.	72-72-72	.81- .81- .81
1890 Germany..	6	(a) M.	(a)	.65- .67- —
1890 Germany..	113	(a) M.	(a)	.65- .65- .65
1890 Gr't Brit...	632	(a) M.	53-54 —	.97-1.72- —
1890 Italy	632	(a) M.	(a)	.48- .72- —
1890 Italy	638	(a) M.	(a)	.58- .72- —
1890 Lux'burg .	128	(a) (a)	(a)	.85- .85- .85
1890 Netherl'ds	663	(a) M.	68-68-68	.85-1.02- —
1890 Netherl'ds	666	(a) M.	c 60-72 —	.40-1.74- —
1890 Netherl'ds	666	(a) M.	(a)	d .04½- .09- —
1890 Norway ...	632	(a) M.	60-60-60	.57- .57- .57
1890 Norway ...	686	(a) M.	(a)	.51- .76- —
1890 Portugal ..	691	(a) (a)	(a)	.11-1.62- —
1890 Russia	519	(a) (a)	72-72-72	.65- .65- .65
1890 Russia	694	(a) (a)	(a)	.68-1.19- —
1890 Scotland ..	6	(a) M.	56-56-56	.99-1.12- —
1890 Scotland ..	16	(a) M.	54-54-54	1.26-1.26-1.26
1890 Scotland ..	575	(a) M.	54-54-54	1.28-1.28-1.28
1890 Switzerl'd.	709	(a) M.	60-60-60	.77- .77- .77
1891 Cal.....	16	42 M.	48-60-51	2.80-6.00-3.34
1891 Conn.....	190	4 M.	60-60-60	2.50-3.50-3.06
1891 Del.....	190	15 M.	60-72-61	2.00-2.50-2.19
1891 Fla.....	9	2 M.	60-60-60	1.50-1.50-1.50
1891 Ill.....	6	2 (a)	53-60-57	2.50-4.00-3.25
1891 Ill.....	16	78 M.	60-60-60	2.40-3.00-2.83
1891 Kans.....	245	8 M.	60-60-60	1.75-2.00-1.94
1891 La.....	16	2 M.	60-60-60	2.50-3.00-2.75
1891 Me	257	23 M.	60-60-60	1.25-3.00-2.05
1891 Md	16	32 M.	58-60-59	1.33-2.83-1.98
1891 Md	190	4 M.	60-60-60	2.25-2.50-2.38
1891 Mass	16	8 M.	54-60-56	1.50-3.20-2.64
1891 Mass	190	7 M.	60-60-60	1.75-3.25-2.46
1891 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1891 Minn.....	191	2 M.	60-60-60	2.25-2.50-2.38
1891 Minn.....	191	4 M.	(a)	e 1.73-2.30-1.92
1891 Mo	16	8 M.	50-60-54	2.50-2.80-2.61
1891 Mo	300	32 M.	(a)	1.22-3.17-1.93
1891 N. J	190	2 M.	60-60-60	2.50-3.00-2.75
1891 N. Y.....	16	8 M.	60-60-60	2.40-3.50-2.55
1891 N. Y.....	190	41 M.	f 60-60-60	2.15-3.65-2.82
1891 N. Y.....	333	1814 M.	(a)	.65-6.67-2.18
1891 N. C.....	346	1 M.	60-60-60	1.50-1.50-1.50
1891 Ohio	16	13 M.	60-60-60	1.80-2.90-2.34
1891 Ohio	372	1843 M.	g 42-72-58	1.25-5.00-2.06
1891 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1891 Pa	16	47 M.	54-60-59	1.80-3.75-2.47
1891 Pa	190	10 M.	60-60-60	2.00-2.50-2.16
1891 S. C.....	9	10 M.	60-60-60	1.25-1.75-1.45
1891 Va	16	16 M.	60-60-60	1.75-2.25-2.10
1891 Wis	191	1 M.	60-60-60	2.25-2.25-2.25
1891 Wis	411	3 M.	(a)	2.25-2.65-2.38
1891 Australia..	134	(a) M.	(a)	2.11-2.11-2.11
1891 Aust-Hun .	134	(a) (a)	(a)	.37- .37- .37
1891 Belgium ..	16	(a) M.	(a)	.70-1.16- —
1891 Belgium ..	457	(a) M.	h 60-72 —	.29-1.11- —
1891 Belgium ..	632	(a) (a)	(a)	.77- .96- —
1891 Br. India ..	459	(a) (a)	(a)	.09- .44- —
1891 Br. India ..	620	(a) M.	60-60-60	.29- .29- .29
1891 Canada ...	191	(a) M.	66-66-66	1.50-2.00- —
1891 Canada ...	191	(a) M.	(a)	e 0.84-1.15- —
1891 China	105	(a) (a)	(a)	.28- .28- .28
1891 China	134	(a) (a)	60-60-60	.21- .21- .21
1891 England ..	16	(a) M.	53-54 —	1.38-1.62- —
1891 England ..	576	(a) M.	(a)	1.74-1.74-1.74
1891 England ..	577	(a) M.	53-54 —	1.12-1.70- —
1891 England ..	578	(a) M.	50-59 —	.81-1.62- —
1891 England ..	632	(a) M.	(a)	.79-1.20- —
1891 France....	16	(a) M.	(a)	1.55-1.64- —
1891 France....	17	(a) M.	(a)	1.39-1.40- —
1891 France....	102	(a) M.	66-66-66	1.06-1.17- —
1891 France....	505	(a) M.	60-72 —	.87-2.90- —
1891 France....	522	(a) M.	(a)	.75-1.35- —
1891 Germany .	11	(a) M.	(a)	.71- .76- —
1891 Germany .	551	(a) (a)	(a)	.71-1.67- —
1891 Germany .	559	(a) M.	(a)	.62- .77- —
1891 Italy	632	(a) M.	(a)	.47- .77- —
1891 Italy	634	(a) M.	(a)	.52- .63- —
1891 Italy	638	(a) M.	i 54-72 —	.26-1.16- —
1891 Lux'burg .	128	(a) (a)	(a)	.83- .83- .83
1891 N. Zealand	667	(a) (a)	(a)	1.70-2.92- —
1891 Nicaragua.	106	(a) (a)	(a)	.85-2.55- —
1891 Norway ...	108	(a) M.	(a)	.70-1.07- —
1891 Russia	695	(a) (a)	(a)	.88-1.06- —
1891 Scotland ..	16	(a) M.	54-54-54	1.30-1.30-1.30
(j) Switzerl'd.	595	(a) M.	(a)	.88- .88- .88
1891 Wales	577	(a) M.	k 54-72 —	.84-1.29- —
1892 Cal.....	16	58 M.	48-60-52	2.20-6.00-3.06
1892 Cal.....	196	16 M.	54-60-60	2.00-5.00-3.05
1892 Colo.....	246	6 M.	60-60-60	3.23-3.23-3.23
1892 Conn.....	20	12 M.	45-60-58	1.85-3.40-2.48
1892 Conn.....	190	4 M.	60-60-60	2.50-3.50-3.06
1892 Del	20	21 M.	60-60-60	1.75-2.50-2.10
1892 Del	190	15 M.	60-60-60	2.00-2.50-2.22
1892 Fla.....	9	9 M.	60-66-61	1.50-2.30-1.93
1892 Ill.....	16	67 M.	60-60-60	2.40-3.00-2.84
1892 Ill.....	246	129 M.	60-60-60	2.56-2.75-2.65
1892 Ind	227	257 M.	48-60-59	1.44-3.00-1.92
1892 Iowa	235	36 M.	54-60-60	.87-2.75-1.80
1892 Iowa	246	144 M.	60-60-60	2.56-2.68-2.64
1892 Kans.....	246	40 M.	60-60-60	2.63-2.85-2.78
1892 La	16	2 M.	60-60-60	2.50-3.00-2.75
1892 Md.....	16	29 M.	58-60-59	1.33-2.83-1.97
1892 Md.....	20	2 M.	60-60-60	2.25-2.50-2.38
1892 Md.....	190	6 M.	60-60-60	2.25-2.50-2.33
1892 Mass	8	3 M.	54-60-56	2.70-2.75-2.73
1892 Mass	16	8 M.	54-60-56	1.75-3.20-2.67
1892 Mass	20	12 M.	58-60-60	1.50-3.00-2.27
1892 Mass	190	10 M.	58-60-60	2.00-3.00-2.25
1892 Mich.....	191	1 M.	60-60-60	1.50-1.50-1.50
1892 Mich.....	284	132 M.	l 60-60-60	.75-3.00-1.58
1892 Minn	16	16 M.	60-60-60	2.75-2.75-2.75
1892 Minn	191	2 M.	60-60-60	2.00-2.25-2.13
1892 Minn	191	4 M.	(a)	e 1.73-2.30-1.92
1892 Mo.....	16	8 M.	50-60-54	2.50-2.80-2.63
1892 N. J	190	3 M.	60-60-60	2.75-2.75-2.75
1892 N. Mex....	246	13 M.	60-60-60	3.22-3.22-3.22
1892 N. Y.....	10	1 M.	54-54-54	1.83-1.83-1.83
1892 N. Y.....	16	8 M.	60-60-60	2.30-3.50-2.93
1892 N. Y.....	20	19 M.	n 48-60-58	2.25-4.00-2.56
1892 N. Y.....	190	47 M.	60-60-60	1.75-3.66-2.72
1892 Ohio	16	17 M.	60-60-60	1.75-2.90-2.32
1892 Ohio	20	2 M.	60-60-60	2.25-2.25-2.25
1892 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Applies to but 6 of the 11 wage quotations.
d Per hour.
e And board.
f Not including hours of 2 persons not reported.
g Not including hours of 226 persons not reported.
h Applies to but 32 of the 41 wage quotations.
i Applies to but 17 of the 27 wage quotations.
j Average for 1888–91.
k Applies to but 22 of the 25 wage quotations.
l Not including hours of 112 persons not reported.
n Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Ohio	373	291 (a)	b 54-72-60	1.16-4.00-2.11
1892 Pa	16	50 M.	54-60-59	1.00-3.75-2.46
1892 Pa	20	14 M.	60-60-60	1.70-3.60-2.34
1892 Pa	190	18 M.	60-60-60	2.00-2.50-2.16
1892 R. I	399	35 M.	53-60-54	2.48-3.00-2.57
1892 S. C	9	1 M.	60-60-60	1.50-1.50-1.50
1892 Vt.	8	1 M.	60-60-60	2.00-2.00-2.00
1892 Va	16	15 M.	60-60-60	1.75-2.25-2.15
1892 Wis	191	1 M.	60-60-60	2.25-2.25-2.25
1892 Algeria	505	(a) M.	60-70 —	.77-1.16- —
1892 Algeria	505	(a) M.	67-70 —	c .87-1.06- —
1892 Australia	114	(a) M.	(a)	2.07-2.43- —
1892 Australia	414	(a) (a)	(a)	1.22-2.43- —
1892 Australia	424	(a) M.	(a)	1.10-2.92- —
1892 Belgium	16	(a) M.	(a)	.71-1.16- —
1892 Belgium	111	(a) M.	69-69-69	.70- .70- .70
1892 Br. India	111	(a) M.	(a)	.22- .44- —
1892 Br. India	459	(a) (a)	(a)	.09- .22- —
1892 Canada	33	(a) (a)	60-60-60	1.50-2.00- —
1892 Canada	191	(a) M.	66-66-66	1.50-2.00- —
1892 Canada	191	(a) M.	(a)	d 1.00-1.15- —
1892 C. of G'd H-	486	(a) M.	(a)	.97-4.87- —
1892 China	111	(a) (a)	(a)	.40-1.25- —
1892 Denmark	595	(a) M.	(a)	.81- .88- —
1892 England	16	(a) M.	53-54 —	1.38-1.62- —
1892 England	111	(a) M.	e 57-57-57	1.01-1.58- —
1892 England	577	(a) M.	f 53-54 —	1.14-1.42- —
1892 England	578	(a) M.	50-59 —	.81-1.62- —
1892 England	632	(a) M.	g 48-57 —	1.01-1.64- —
1892 France	11	(a) M.	(a)	1.11-1.11-1.11
1892 France	16	(a) M.	(a)	1.55-1.64- —
1892 France	17	(a) M.	(a)	1.37-1.40- —
1892 France	111	(a) M.	72-72-72	1.08-1.08-1.08
1892 France	505	(a) M.	42-84 —	.29-2.90- —
1892 France	505	(a) M.	77-77-77	h .48- .72- —
1892 France	505	(a) M.	88-88-88	i .09½- .25- —
1892 France	505	(a) M.	66-78 —	j .58-2.90- —
1892 France	505	(a) M.	53-63 —	k .53- .97- —
1892 France	505	(a) M.	57-77 —	l .58-1.54- —
1892 France	505	(a) M.	81-81-81	m .92-1.01- —
1892 Germany	184	(a) M.	(a)	1.43-1.43-1.43
1892 Germany	559	(a) M.	(a)	.62- .79- —
1892 Gr't Brit	577	(a) M.	54-54-54	1.37-1.37-1.37
1892 Gr't Brit	632	(a) M.	(a)	1.46-2.03- —
1892 Ireland	632	(a) M.	54-54-54	1.62-1.62-1.62
1892 Italy	112	(a) M.	66-66-66	.70- .75- —
1892 Italy	639	(a) M.	60-72 —	.52- .77- —
1892 Japan	132	(a) (a)	(a)	.12- .41- —
1892 Japan	646	(a) (a)	(a)	.18- .41- —
1892 Lux'burg	128	(a) (a)	(a)	.86- .86- .86
1892 Netherl'ds	111	(a) M.	64-64-64	.67- .67- .67
1892 Netherl'ds	663	(a) M.	59-59-59	.87-1.06- —
1892 Russia	111	(a) M.	(a)	.58- .58- .58
1892 Russia	692	(a) M.	(a)	.10-2.01- —
1892 Russia	696	(a) M.	(a)	.66- .79- —
1892 Scotland	16	(a) M.	54-54-54	1.34-1.34-1.34
1892 Scotland	577	(a) M.	54-57 —	.95-1.37- —
1892 Scotland	578	(a) M.	54-54-54	1.37-1.55- —
1892 Scotland	632	(a) M.	n 54-54-54	1.13-1.48- —
1892 Spain	111	(a) M.	64-64-64	.83-1.00- —
1892 Spain	134	(a) (a)	(a)	0.65-0.65-0.65
1892 Switzerl'd	111	(a) M.	65-65-65	.83- .83- .83
1892 Switzerl'd	709	(a) (a)	60-60-60	.68- .68- .68
1892 Wales	632	(a) M.	(a)	.77-1.70- —
1893 Cal	16	59 M.	48-60-51	2.80-6.00-3.22
1893 Conn	20	10 M.	45-60-59	1.85-3.40-2.53
1893 Del	20	21 M.	60-60-60	1.75-2.50-2.15
1893 Fla	8	4 M.	60-60-60	2.00-3.00-2.25
1893 Ill	10	37 M.	48-63-58	1.00-3.33-2.22
1893 Ill	16	48 M.	60-60-60	2.40-3.00-2.93
1893 La	16	2 M.	60-60-60	2.50-3.00-2.75
1893 Md	10	50 M.	48-72-61	.33-5.00-1.88
1893 Md	16	31 M.	58-60-59	1.33-2.83-2.06
1893 Md	20	2 M.	60-60-60	2.25-2.50-2.38
1893 Mass	16	8 M.	54-60-56	2.00-3.32-2.67
1893 Mass	20	11 M.	58-60-59	1.50-3.00-2.31
1893 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1893 Mich	285	70 M.	o 48-60-58	1.34-3.83-2.29
1893 Minn	16	13 M.	60-60-60	2.50-2.50-2.50
1893 Minn	191	2 M.	60-60-60	2.00-2.25-2.13
1893 Minn	191	4 M.	(a)	d 1.34-1.73-1.63
1893 Mo	16	7 M.	50-60-53	2.50-2.80-2.66
1893 Mo	302	360 M.	p 54-72-60	1.50-3.50-2.45
1893 Mo	303	10 M.	(a)	1.23-2.91-2.05
1893 Mont	307	120 M.	q 42-57-53	2.50-4.50-3.33
1893 Mont	307	7 M.	r 75-75-75	s 1.34-2.41-2.19
1893 N. J	8	1 M.	60-60-60	2.11-2.11-2.11
1893 N. Y	10	14 M.	53-78-60	1.00-3.00-1.99
1893 N. Y	16	8 M.	60-60-60	2.30-3.50-2.93
1893 N. Y	20	19 M.	t 48-60-58	2.25-4.00-2.57
1893 Ohio	16	16 M.	60-60-60	1.75-2.90-2.34
1893 Ohio	20	2 M.	60-60-60	2.25-2.25-2.25
1893 Ohio	374	2384 M.	u 42-60-56	.50-5.00-2.00
1893 Pa	10	13 M.	58-84-63	1.00-3.33-1.95
1893 Pa	16	55 M.	54-60-59	1.90-3.27-2.44
1893 Pa	20	8 M.	60-60-60	2.00-2.50-2.25
1893 Pa	190	4 M.	60-60-60	2.60-2.60-2.60
1893 Va	16	10 M.	60-60-60	2.17-2.33-2.27
1893 Wis	191	1 M.	60-60-60	2.25-2.25-2.25
1893 Wis	412	1 M.	(a)	2.50-2.50-2.50
1893 Australia	415	(a) (a)	(a)	1.22-2.03- —
1893 Aust-Hun	448	(a) M.	66-72 —	.34- .95- —
1893 Aust-Hun	448	(a) M.	66-66-66	s .10- .27- —
1893 Belgium	16	(a) M.	(a)	.68-1.16- —
1893 Br. India	459	(a) (a)	(a)	.08- .22- —
1893 Canada	191	(a) M.	66-66-66	1.50-2.00- —
1893 Canada	191	(a) M.	(a)	d 1.00-1.34- —
1893 England	16	(a) M.	53-54 —	1.38-1.66- —
1893 England	583	(a) M.	(a)	1.32-1.36- —
1893 England	589	(a) M.	48-57 —	.73-1.95- —
1893 France	16	(a) M.	(a)	1.55-1.64- —
1893 France	17	(a) M.	(a)	1.39-1.40- —
1893 France	507	(a) (a)	60-60-60	.58-1.11- —
1893 Germany	11	(a) M.	(a)	.79- .83- —
1893 Germany	127	(a) M.	(a)	.53- .53- .53
1893 Germany	559	(a) M.	(a)	.62- .79- —
1893 Germany	560	(a) M.	(a)	v .07½-.09½- —
1893 Gr't Brit	578	(a) M.	52-54 —	1.42-1.42-1.42
1893 Ireland	578	(a) M.	54-54-54	1.05-1.30- —
1893 Ireland	589	(a) M.	54-54-54	1.18-1.58- —

a Not reported.
b Not including hours of 202 persons not reported.
c And *gratifications*.
d And board.
e Applies to but 1 of the 6 wage quotations.
f Applies to but 3 of the 4 wage quotations.
g Applies to but 8 of the 10 wage quotations.
h And board and lodging, etc.
i And board and washing.
j And lodging.
k And lodging and fuel.
l And heat.
m And premiums.
n Applies to but 1 of the 27 wage quotations.
o Not including hours of 1 person not reported.
p Not including hours of 7 persons not reported.
q Not including hours of 75 persons not reported.
r Not including hours of 6 persons not reported.
s And board and lodging.
t Not including hours of 14 persons not reported.
u Not including hours of 311 persons not reported.
v Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Italy	639	(a) M.	b 54-66 —	0.39-0.97- —
1893 Lux'burg	128	(a) M.	(a)	.70- .87- —
1893 N. Zealand	668	(a) M.	c 48-48-48	.85-2.56- —
1893 N. Zealand	682	(a) (a)	(a)	1.70-2.92- —
1893 Norway	689	(a) M.	(a)	.54-1.16- —
1893 Russia	697	(a) (a)	(a)	.49- .73- —
1893 Scotland	16	(a) M.	54-54-54	1.41-1.41-1.41
1893 Scotland	589	(a) M.	54-57 —	1.01-1.56- —
1893 Wales	589	(a) M.	51-54 —	.72-1.82- —
1894 Cal.	16	61 M.	48-60-51	2.80-6.00-3.19
1894 Conn.	20	7 M.	45-60-56	1.85-2.89-2.22
1894 Del.	20	13 M.	60-60-60	1.75-2.09-1.88
1894 Fla.	8	3 M.	60-60-60	1.00-2.00-1.67
1894 Ill	8	1 M.	60-60-60	2.50-2.50-2.50
1894 Ill	16	23 M.	60-60-60	2.40-3.00-2.73
1894 Ind	228	61 M.	49-60-54	1.50-3.25-2.26
1894 Iowa	236	62 M.	d 45-78-57	.73-2.85-1.87
1894 La	16	2 M.	60-60-60	2.50-3.00-2.75
1894 Me	260	32 M.	54-60-59	1.50-2.50-1.93
1894 Md.	16	31 M.	58-60-59	1.33-2.83-1.97
1894 Md.	20	2 M.	60-60-60	2.25-2.50-2.38
1894 Mass	8	3 M.	54-54-54	2.85-3.29-3.04
1894 Mass	16	7 M.	54-60-56	2.25-2.85-2.66
1894 Mass	20	8 M.	58-60-59	1.40-2.66-2.13
1894 Mich.	191	1 M.	60-60-60	1.50-1.50-1.50
1894 Minn.	16	10 M.	60-60-60	2.50-2.50-2.50
1894 Minn.	191	3 M.	60-60-60	2.00-2.00-2.00
1894 Minn.	191	4 M.	(a)	e 1.34-1.73-1.63
1894 Mo.	16	7 M.	50-60-53	2.50-2.80-2.66
1894 Mont.	308	17 M.	(a)	2.63-3.60-3.25
1894 Mont.	308	4 M.	(a)	f 2.25-2.25-2.25
1894 N. H	8	4 M.	53-53-53	2.75-3.00-2.88
1894 N. H	316	12 M.	d 40-60-56	1.00-3.00-2.03
1894 N. Y.	8	12 M.	60-60-60	1.00-2.50-1.88
1894 N. Y.	16	8 M.	60-60-60	2.30-3.50-2.93
1894 N. Y.	20	18 M.	g 48-60-57	2.25-4.00-2.58
1894 N. C.	8	12 M.	60-60-60	1.00-2.00-1.71
1894 N. C.	348	6 (a)	60-60-60	1.25-2.50-1.98
1894 Ohio	16	15 M.	60-60-60	1.55-2.35-2.02
1894 Ohio	20	2 M.	60-60-60	2.25-2.25-2.25
1894 Ohio	374	11 M.	(a)	1.33-4.17-2.15
1894 Ohio	375	1861 M.	h 42-72-56	1.12-5.00-1.94
1894 Pa	16	39 M.	54-60-59	1.00-3.75-2.37
1894 Pa	20	6 M.	60-60-60	2.00-2.20-2.03
1894 R. I	401	2 (a)	(a)	1.45-2.00-1.73
1894 Va	16	13 M.	60-60-60	2.17-2.25-2.23
1894 W. Va	406	7 M.	48-60-51	1.05-3.30-1.94
1894 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1894 Australia	416	(a) (a)	(a)	1.01-2.03- —
1894 Australia	425	(a) (a)	(a)	1.22-3.89- —
1894 Aust-Hun	434	(a) M.	60-66 —	.30-1.62- —
1894 Belgium	16	(a) M.	(a)	.70-1.16- —
1894 Br. India	459	(a) (a)	(a)	.06¼-.17- —
1894 Canada	187	(a) M.	60-60-60	1.67-1.67-1.67
1894 Canada	191	(a) M.	66-66-66	1.50-2.00- —
1894 Canada	191	(a) M.	(a)	e 1.15-1.15-1.15
1894 C. of G'd H.	487	(a) M.	i 48-72 —	.56-6.08- —
1894 England	16	(a) M.	53-54 —	1.38-1.62- —
1894 England	127	(a) M.	j 54-54-54	1.40-1.56- —
1894 England	580	(a) M.	48-54 —	1.22-1.54- —
1894 England	590	(a) M.	(a)	1.38-1.46- —
1894 France	11	(a) M.	(a)	.86- .86- .86
1894 France	16	(a) M.	(a)	1.64-1.74- —
1894 France	17	(a) M.	(a)	1.39-1.45- —
1894 France	129	(a) M.	60-60-60	0.87-4.24- —
1894 Germany	559	(a) M.	(a)	.62- .79- —
1894 Ireland	127	(a) M.	54-54-54	1.01-1.48- —
1894 Ireland	580	(a) M.	54-57 —	1.22-1.38- —
1894 Italy	127	(a) M.	k 60-60-60	.60-1.20- —
1894 Italy	634	(a) M.	(a)	.58- .58- .58
1894 Italy	640	(a) M.	(a)	.62- .62- .62
1894 Japan	647	(a) (a)	(a)	.12- .26- —
1894 Lux'burg	128	(a) M.	(a)	.87- .87- .87
1894 Netherl'ds	662	(a) M.	(a)	l .03- .10- —
1894 N. Zealand	669	(a) M.	(a)	2.26-2.56- —
1894 Russia	698	(a) (a)	(a)	.48- .67- —
1894 Scotland	16	(a) M.	54-54-54	1.36-1.36-1.36
1894 Scotland	127	(a) M.	54-54-54	1.35-1.35-1.35
1894 Scotland	580	(a) M.	54-56 —	1.05-1.23- —
1894 Scotland	590	(a) M.	(a)	1.28-1.32- —
1894 Spain	133	(a) (a)	(a)	.51-1.00- —
1894 Spain	632	(a) (a)	(a)	.63- .68- —
1894 Wales	580	(a) M.	54-54-54	1.46-1.46-1.46
1895 Cal.	16	62 M.	48-60-51	2.80-6.00-3.19
1895 Conn.	8	1 M.	60-60-60	2.50-2.50-2.50
1895 Conn.	20	6 M.	60-60-60	1.85-3.25-2.35
1895 Del.	20	19 M.	60-60-60	1.75-2.09-1.92
1895 Fla.	8	10 M.	60-60-60	1.00-3.00-2.25
1895 Ga	7	2 M.	66-66-66	1.25-1.25-1.25
1895 Ga	8	3 M.	48-66-60	1.75-3.00-2.25
1895 Ill	8	6 M.	54-60-55	2.00-3.50-2.58
1895 Ill	16	26 M.	60-60-60	2.40-3.00-2.80
1895 Kans.	249	1 M.	60-60-60	2.00-2.00-2.00
1895 La	16	2 M.	60-60-60	2.50-3.00-2.75
1895 Me.	7	1 M.	60-60-60	2.25-2.25-2.25
1895 Me.	8	2 M.	54-60-57	2.50-2.50-2.50
1895 Md.	16	30 M.	58-60-59	1.33-2.83-1.96
1895 Md.	20	2 M.	60-60-60	2.25-2.50-2.38
1895 Mass	7	4 M.	58-60-59	2.20-2.70-2.42
1895 Mass	8	5 M.	54-54-54	2.48-3.00-2.80
1895 Mass	16	8 M.	54-60-56	2.25-2.95-2.68
1895 Mass	20	9 M.	58-60-59	1.15-2.75-2.16
1895 Mich.	191	1 M.	60-60-60	1.50-1.50-1.50
1895 Mich.	287	16 M.	(a)	1.50-3.00-2.03
1895 Minn	16	9 M.	60-60-60	2.50-2.50-2.50
1895 Minn	191	3 M.	60-60-60	2.00-2.00-2.00
1895 Minn	191	4 M.	(a)	e 1.34-1.73-1.63
1895 Mo.	7	2 M.	60-60-60	2.00-2.00-2.00
1895 Mo.	16	7 M.	50-60-53	2.50-2.80-2.66
1895 Mo.	304	6 M.	(a)	1.50-2.25-1.99
1895 Mont.	309	2 M.	(a)	3.60-3.60-3.60
1895 N. H	7	18 M.	59-60-60	1.20-2.75-1.66
1895 N. J	7	3 M.	54-60-58	2.00-2.40-2.13
1895 N. J	8	3 M.	60-60-60	2.00-2.00-2.00
1895 N. Y.	8	38 M.	60-60-60	1.25-4.00-2.02
1895 N. Y.	16	4 M.	60-60-60	2.15-3.00-2.50
1895 N. Y.	20	18 M.	g 48-60-57	2.25-4.00-2.58
1895 N. C.	8	13 M.	60-60-60	.50-2.00-1.26
1895 N. C.	349	15 M.	60-60-60	1.00-2.00-1.45
1895 Ohio	16	21 M.	60-60-60	1.55-2.60-2.11
1895 Ohio	20	1 M.	60-60-60	2.25-2.25-2.25
1895 Ohio	376	2214 M.	n 36-72-57	.98-4.00-1.93
1895 Pa	7	1 M.	60-60-60	2.13-2.13-2.13
1895 Pa	8	20 M.	54-60-60	1.80-3.00-2.44
1895 Pa	16	47 M.	54-60-58	1.00-3.50-2.21
1895 Pa	20	5 M.	60-60-60	2.00-2.00-2.00
1895 S. C	8	4 M.	60-60-60	2.25-3.00-2.56
1895 Tenn.	7	2 M.	66-67-67	1.50-1.50-1.50

a Not reported.
b Applies to but 10 of the 21 wage quotations.
c Applies to but 4 of the 16 wage quotations.
d Not including hours of 1 person not reported.
e And board.
f And board and lodging.
g Not including hours of 14 persons not reported.
h Not including hours of 52 persons not reported.
i Applies to but 12 of the 15 wage quotations.
j Applies to but 2 of the 3 wage quotations.
k Applies to but 1 of the 2 wage quotations.
l Per hour.
n Not including hours of 106 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Va	16	11 M.	60-60-60	2.00-2.25-2.16
1895 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1895 Wis	413	48 (a)	54-60-60	.83-3.50-1.85
1895 Australia	417	(a) (a)	(a)	1.01-2.03- —
1895 Australia	426	(a) (a)	(a)	1.22-3.89- —
1895 Aust-Hun	435	(a) M.	42-66 —	.47- .98- —
1895 Aust-Hun	435	(a) M.	63-63-63	b .54- .95- —
1895 Belgium	16	(a) M.	(a)	.66-1.16- —
1895 Br. India	459	(a) (a)	(a)	.06- .19- —
1895 Canada	187	(a) M.	c 60-60-60	1.00-2.70- —
1895 Canada	191	(a) M.	60-60-60	1.50-2.00- —
1895 Canada	191	(a) M.	(a)	d1.00-1.23- —
1895 Chile	184	(a) M.	(a)	1.36-2.04- —
1895 China	136	(a) (a)	(a)	e .13- .13- .13
1895 England	16	(a) M.	53-54 —	1.38-1.62- —
1895 England	591	(a) M.	(a)	.73-1.42- —
1895 France	16	(a) M.	(a)	1.64-1.74- —
1895 France	17	(a) M.	(a)	1.35-1.45- —
1895 France	509	(a) (a)	48-72 —	.97-1.35- —
1895 France	513	(a) M.	72-72-72	.77- .77- .77
1895 France	677	(a) M.	60-60-60	.88-4.28- —
1895 Germany	559	(a) M.	(a)	.64- .76- —
1895 Greece	137	(a) (a)	(a)	.09- .66- —
1895 Italy	640	(a) M.	(a)	.62- .62- .62
1895 Japan	132	(a) (a)	60-60-60	.36- .36- .36
1895 Japan	648	(a) M.	(a)	.15- .33- —
1895 N. Found.	187	(a) M.	60-60-60	1.00-1.50- —
1895 N. Zealand	184	(a) M.	(a)	1.70-2.92- —
1895 N. Zealand	670	(a) M.	(a)	2.07-2.56- —
1895 Norway	687	(a) M.	(a)	.61- .73- —
1895 Norway	690	(a) M.	(a)	.67- .80- —
1895 Nicaragua	140	(a) (a)	(a)	.50-1.25- —
1895 Russia	699	(a) (a)	(a)	.47- .54- —
1895 Scotland	16	(a) M.	54-54-54	1.44-1.44-1.44
1895 Switzerl'd	184	(a) (a)	(a)	.60- .80- —
1895 Venezuela	176	(a) (a)	54-54-54	2.00-2.50- —
1895 Wales	591	(a) M.	(a)	1.16-1.22- —
1896 Ala	15	1 M.	(a)	.58- .58- .58
1896 Cal	16	58 M.	48-60-51	2.20-6.00-3.15
1896 Colo	200	98 M.	48-60-57	2.00-3.50-3.27
1896 Conn	7	1 M.	60-60-60	2.50-2.50-2.50
1896 Conn	8	37 M.	60-60-60	1.50-3.00-2.48
1896 Ga	7	4 M.	66-66-66	1.50-2.50-1.94
1896 Ga	8	1 M.	66-66-66	2.00-2.00-2.00
1896 Ga	15	8 M.	(a)	.67-2.00-1.22
1896 Ill	8	1 M.	60-60-60	2.50-2.50-2.50
1896 Ill	12	2 M.	55-60-58	1.50-1.50-1.50
1896 Ill	16	42 M.	60-60-60	2.40-3.00-2.80
1896 Ind	7	1 M.	65-65-65	1.75-1.75-1.75
1896 Kans	250	21 M.	f 60-60-60	2.00-2.35-2.25
1896 La	16	2 M.	60-60-60	2.50-3.00-2.75
1896 Me	8	1 M.	53-53-53	2.75-2.75-2.75
1896 Md	14	60 M.	60-60-60	1.75-2.60-2.22
1896 Md	16	31 M.	58-60-59	1.33-3.00-2.04
1896 Mass	8	8 M.	54-60-56	2.48-3.00-2.72
1896 Mass	14	53 M.	54-60-57	2.00-3.00-2.51
1896 Mass	16	7 M.	54-60-56	2.00-2.85-2.63
1896 Mich	7	1 M.	60-60-60	2.00-2.00-2.00
1896 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1896 Mich	288	389 M.	48-78-60	.45-3.83-1.72
1896 Minn	8	2 M.	60-60-60	2.25-3.00-2.63
1896 Minn	16	9 M.	60-60-60	2.50-2.50-2.50
1896 Minn	191	4 M.	60-60-60	2.00-2.25-2.19
1896 Minn	191	4 M.	(a)	d1.34-1.53-1.48
1896 Miss	15	2 M.	(a)	.50-1.00- .75
1896 Mo	16	7 M.	50-60-53	2.50-2.80-2.66
1896 Mo	305	185 M.	48-60-57	1.17-6.00-1.99
1896 Mont	310	2 M.	(a)	3.46-3.46-3.46
1896 Nebr	314	50 M.	g 48-60-52	1.50-3.85-2.89
1896 N. H	7	2 M.	60-60-60	1.45-1.90-1.68
1896 N. Y	7	1 M.	59-59-59	2.70-2.70-2.70
1896 N. Y	8	29 M.	60-60-60	3.00-3.50-3.07
1896 N. Y	14	198 M.	48-60-56	1.99-3.76-2.68
1896 N. Y	16	5 M.	60-60-60	1.90-3.00-2.45
1896 N. Y	336	42 M.	(a)	1.00-5.21-1.98
1896 N. C	7	1 M.	69-69-69	1.67-1.67-1.67
1896 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1896 N. C	350	7 M.	g 60-72-62	.75-2.00-1.54
1896 Ohio	7	11 M.	60-60-60	1.25-3.00-2.22
1896 Ohio	16	15 M.	60-60-60	1.65-2.60-2.16
1896 Ohio	377	1850 M.	h 44-60-53	.62-4.00-1.92
1896 Pa	7	7 M.	57-60-60	1.67-2.50-2.01
1896 Pa	8	2 M.	60-60-60	2.50-2.50-2.50
1896 Pa	14	345 M.	54-60-60	2.00-3.00-2.67
1896 Pa	16	53 M.	54-60-59	1.00-3.50-2.28
1896 Pa	394	25 M.	60-60-60	1.32-3.00-1.99
1896 R. I	7	1 M.	60-60-60	1.75-1.75-1.75
1896 S. C	7	2 M.	66-66-66	1.25-1.65-1.45
1896 Tenn	15	4 M.	(a)	1.17-1.67-1.38
1896 Vt	8	8 M.	60-60-60	1.25-3.00-2.06
1896 Va	16	11 M.	60-60-60	2.00-2.25-2.16
1896 W. Va	7	5 M.	55-55-55	1.50-2.00-1.73
1896 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1896 Algeria	505	(a) M.	i 60-60-60	.97-1.35- —
1896 Algeria	505	(a) M.	(a)	j .09⅛- .13⅛- —
1896 Australia	184	(a) M.	(a)	1.01-2.84- —
1896 Australia	419	(a) (a)	(a)	1.62-2.43- —
1896 Australia	427	(a) (a)	(a)	1.62-3.89- —
1896 Aust-Hun	436	(a) (a)	59-60 —	.27-1.35- —
1896 Aust-Hun	438	(a) (a)	48-60 —	.43- .43- .43
1896 Aust-Hun	442	(a) M.	54-66 —	.61-1.22- —
1896 Belgium	16	(a) M.	(a)	.66-1.26- —
1896 Br. Guiana	184	(a) M.	(a)	.67-1.33- —
1896 Br. India	459	(a) (a)	(a)	.06⅛- .18- —
1896 Canada	191	(a) M.	60-60-60	1.50-2.00- —
1896 Canada	191	(a) M.	(a)	d1.00-1.07- —
1896 Canada	482	(a) (a)	(a)	2.75-4.00- —
1896 C. of Gd. H.	184	(a) M.	(a)	2.28-2.64- —
1896 Colombia	184	(a) (a)	(a)	1.50-1.50-1.50
1896 Corsica	505	(a) M.	(a)	.77- .77- .77
1896 Costa Rica	184	(a) M.	60-60-60	.98-1.23- —
1896 England	16	(a) M.	53-54 —	1.46-1.62- —
1896 England	581	(a) M.	53-54 —	1.30-1.54- —
1896 England	587	(a) M.	(a)	1.22-1.30- —
1896 England	592	(a) M.	(a)	1.01-1.78- —
1896 France	16	(a) M.	(a)	1.64-1.74- —
1896 France	17	(a) M.	(a)	1.35-1.45- —
1896 France	505	(a) M.	(a)	.48-1.54- —
1896 France	505	(a) M.	(a)	b .26- .27- —
1896 France	505	(a) M.	(a)	d .20- .39- —
1896 France	505	(a) M.	(a)	j .04⅛-.15½- —
1896 France	505	(a) M.	(a)	k .03½-.06½- —

a Not reported.
b And lodging.
c Applies to but 17 of the 19 wage quotations.
d And board.
e And food.
f Not including hours of 20 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 12 persons not reported.
i Applies to but 2 of the 5 wage quotations.
j Per hour.
k Per hour, and board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 France	510	(a) (a)	60-72 —	0.97-1.25- —
1896 Germany	560	(a) M.	60-66 —	.95- .95- .95
1896 Ireland	581	(a) M.	54-54-54	1.30-1.38- —
1896 Ireland	586	(a) M.	(a)	1.34-1.42- —
1896 Italy	640	(a) M.	(a)	.68- .68- .68
1896 Jamaica	184	(a) M.	(a)	.60-1.00- —
1896 Japan	649	(a) M.	(a)	.18- .36- —
1896 Madagas	184	(a) M.	(a)	1.11-1.45- —
1896 Mexico	184	(a) M.	(a)	.25-3.00- —
1896 N. Zealand	671	(a) M.	(a)	1.70-2.55- —
1896 Persia	184	(a) M.	(a)	.30- .30- .30
1896 Portugal	184	(a) M.	(a)	.54- .65- —
1896 Russia	184	(a) M.	(a)	.83- .83- .83
1896 Russia	700	(a) (a)	(a)	.39- .49- —
1896 Scotland	16	(a) M.	54-54-54	1.48-1.48-1.48
1896 Scotland	581	(a) M.	54-56 —	1.14-1.37- —
1896 Scotland	592	(a) M.	(a)	1.14-1.51- —
1896 Turk. in A.	184	(a) M.	(a)	.88- .88- .88
1896 Wales	581	(a) M.	54-54-54	1.46-1.46-1.46
1897 Cal	16	69 M.	48-60-52	2.20-6.00-3.13
1897 Conn	8	2 M.	60-60-60	2.75-2.75-2.75
1897 Ga	8	1 M.	66-66-66	1.25-1.25-1.25
1897 Ill	16	50 M.	60-60-60	2.50-3.00-2.81
1897 Kans	251	15 M.	b40-60-57	1.00-3.20-2.10
1897 Kans	251	2 (a)	(a)	c.25- .28- .27
1897 La	16	2 M.	60-60-60	2.50-3.00-2.75
1897 Me	8	3 M.	54-60-58	2.50-2.50-2.50
1897 Md	16	33 M.	58-60-59	1.33-3.00-2.06
1897 Mass	8	3 M.	60-60-60	2.14-2.50-2.30
1897 Mass	16	6 M.	54-60-57	2.00-2.85-2.62
1897 Mich	289	162 M.	(a)	1.88-1.88-1.88
1897 Minn	16	9 M.	60-60-60	2.50-2.50-2.50
1897 Mo	16	7 M.	50-60-53	2.50-2.80-2.63
1897 Mont	311	3 (a)	(a)	2.25-3.49-3.07
1897 Nebr	314	7 M.	d60-60-60	1.25-2.50-1.95
1897 N. Y	16	5 M.	60-60-60	1.90-3.00-2.20
1897 N. Y	337	60 M.	60-60-60	2.50-3.75-3.12
1897 Ohio	16	18 M.	60-60-60	1.65-2.60-2.16
1897 Ohio	377	146 M.	e48-72-60	1.00-3.50-2.21
1897 Pa	8	5 M.	50-60-58	2.00-2.50-2.25
1897 Pa	16	54 M.	54-60-59	1.60-3.50-2.17
1897 Pa	395	10 M.	(a)	1.12-2.37-2.00
1897 Va	16	10 M.	60-60-60	2.00-2.25-2.18
1897 Va	404	325 M.	54-60-60	.95-3.00-1.76
1897 Australia	418	(a) (a)	(a)	.81-2.56- —
1897 Australia	418	(a) (a)	(a)	c.24½-.30½- —
1897 Australia	428	(a) (a)	f48-48-48	.85-3.89- —
1897 Aust-Hun	437	(a) (a)	48-66 —	.32-2.17- —
1897 Aust-Hun	437	(a) (a)	60-72 —	g.34-1.01- —
1897 England	593	(a) (a)	(a)	1.22-1.54- —
1897 France	511	(a) M.	60-72 —	.87-1.25- —
1897 Germany	559	(a) M.	(a)	1.02-1.02-1.02
1897 Ireland	593	(a) (a)	(a)	1.30-1.38- —
1897 Italy	641	(a) M.	(a)	.62- .62- .62
1897 Japan	650	(a) M.	(a)	.18- .52- —
1897 N. Zealand	672	(a) M.	(a)	2.07-2.56- —
1897 Russia	701	(a) (a)	(a)	.27- .49- —
1897 Scotland	593	(a) (a)	(a)	1.37-1.41- —
1898 Cal	16	68 M.	48-60-52	2.20-6.00-3.11
1898 Ill	16	58 M.	60-60-60	2.50-3.00-2.82
1898 Iowa	18	1 (a)	(a)	1.85-1.85-1.85
1898 Kans	252	48 M.	h36-60-53	1.80-3.50-2.60
1898 La	16	2 M.	60-60-60	2.50-3.00-2.75
1898 Md	16	31 M.	58-60-59	1.33-3.00-2.00
1898 Mass	16	6 M.	54-60-57	2.00-2.85-2.62
1898 Mich	290	248 M.	(a)	1.00-2.32-1.92
1898 Mo	16	7 M.	50-60-53	2.50-2.80-2.59
1898 Mo	306	6 (a)	60-60-60	2.00-3.00-2.58
1898 Nebr	314	272 (a)	48-66-58	.75-4.00-2.12
1898 N. J	329	32 M.	i60-60-60	1.67-3.33-2.39
1898 N. Y	16	8 M.	60-60-60	2.10-3.00-2.55
1898 N. Y	338	65 M.	j60-60-60	2.50-3.75-3.21
1898 Ohio	16	16 M.	60-60-60	1.65-2.60-2.17
1898 Ohio	18	14 M.	(a)	1.50-3.00-2.06
1898 Pa	16	91 M.	54-60-59	1.15-3.50-2.13
1898 Pa	18	15 M.	(a)	1.70-2.85-2.18
1898 Va	16	13 M.	60-60-60	2.00-2.25-2.15
1898 Va	404	31 (a)	54-54-54	2.35-2.35-2.35
1898 Wash	405	74 (a)	(a)	1.54-3.13-2.54
1898 Australia	419	(a) (a)	(a)	1.01-2.56- —
1898 Australia	419	(a) (a)	(a)	g1.22-2.43- —
1898 Australia	419	(a) (a)	(a)	c.24½-.30½- —
1898 Australia	429	(a) (a)	k48-48-48	.85-2.96- —
1898 Aust-Hun	438	(a) (a)	57-66 —	.61-1.50- —
1898 Br. India	155	(a) (a)	(a)	.15- .29- —
1898 C. of Gd. H.	149	(a) (a)	(a)	2.50-2.50-2.50
1898 Denmark	493	(a) M.	60-60-60	.94-1.21- —
1898 England	582	(a) (a)	50-54 —	1.14-1.54- —
1898 England	594	(a) (a)	(a)	1.42-1.78- —
1898 France	512	(a) M.	60-63 —	.68-1.06- —
1898 Germany	151	(a) (a)	(a)	.48-1.19- —
1898 Ireland	582	(a) (a)	54-54-54	1.34-1.50- —
1898 N. Zealand	673	(a) M.	(a)	2.13-2.56- —
1898 N. Zealand	680	(a) M.	(a)	1.46-2.09- —
1898 Russia	702	(a) M.	(a)	.62- .70- —
1898 Scotland	582	(a) (a)	54-56 —	1.18-1.46- —
1898 Scotland	594	(a) (a)	(a)	1.14-1.18- —
1898 Wales	582	(a) (a)	53-54 —	1.22-1.38- —
1899 Ala	18	17 M.	60-60-60	2.00-3.25-2.57
1899 Ga	18	6 M.	60-60-60	2.00-3.50-2.45
1899 Mass	18	57 M.	51-59-55	1.00-4.67-2.32
1899 Mich	291	13 M.	(a)	1.83-2.02-1.98
1899 N. Y	18	8 M.	54-60-59	1.89-3.00-2.18
1899 N. C	18	2 M.	60-60-60	1.25-1.50-1.38
1899 N. C	353	11 M.	l60-72-63	.50-2.50-1.37
1899 Ohio	18	92 M.	n60-60-60	1.65-3.50-2.34
1899 Pa	18	21 M.	(a)	1.75-4.25-2.54
1899 Tenn	403	50 M.	(a)	1.25-2.31-1.81
1899 Va	404	7 (a)	(a)	1.25-2.25-1.79
1899 England	588	(a) (a)	(a)	1.30-1.50- —
1899 Germany	156	(a) (a)	60-60-60	.71- .83- —
1899 N. Zealand	674	(a) M.	(a)	1.95-2.68- —
1899 N. Zealand	681	(a) M.	46-47 —	2.31-2.31-2.31
1899 Russia	703	(a) M.	(a)	.67- .77- —
1899 Scotland	588	(a) (a)	(a)	1.22-1.26- —
1899 Uruguay	157	(a) (a)	(a)	1.50-3.00- —
1900 Ala	18	22 M.	60-60-60	1.20-3.25-2.37
1900 Ga	18	6 M.	60-60-60	2.00-3.50-2.50
1900 Mass	18	63 M.	51-59-55	1.75-4.67-2.41
1900 N. Y	18	9 M.	54-60-58	1.80-3.00-2.25
1900 N. C	18	2 M.	60-60-60	1.50-1.67-1.59
1900 Ohio	18	91 M.	o60-60-60	2.00-4.00-2.33
1900 Sweden	160	(a) M.	(a)	.80- .80- .80

a Not reported.
b Not including hours of 1 person not reported.
c Per hour.
d Not including hours of 2 persons not reported.
e Not including hours of 6 persons not reported.
f Applies to but 1 of the 6 wage quotations.
g And board.
h Not including hours of 39 persons not reported.
i Not including hours of 4 persons not reported.
j Not including hours of 41 persons not reported.
k Applies to but 1 of the 5 wage quotations.
l Not including hours of 3 persons not reported.
n Not including hours of 73 persons not reported.
o Not including hours of 68 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1835 N. J	8	4 M.	60-60-60	1.25-1.25-1.25
1839 England	562	(a) M.	61-61-61	.57- .57- .57
1840 Me	8	1 M.	60-60-60	1.50-1.50-1.50
1840 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1840 N. Y.	190	9 M.	60-60-60	.75-1.38- .90
1840 Pa	8	3 M.	60-60-60	1.10-1.10-1.10
1840 England	563	(a) M.	48-60 —	.65-1.30- —
1840 England	564	(a) M.	50-61 —	.30- .65- —
1841 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1841 N. Y.	190	17 M.	60-60-60	.50-1.38- .81
1842 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1842 N. Y.	190	9 M.	60-60-60	.75-1.25- .88
1843 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1843 N. Y.	190	12 M.	60-60-60	.50-1.25- .82
1844 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1844 N. Y.	190	9 M.	60-60-60	.50-1.25- .82
1845 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1845 N. Y.	8	3 M.	60-72-68	.33- .33- .33
1845 N. Y.	190	12 M.	60-60-60	.63-1.25- .83
1846 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1846 N. Y.	190	7 M.	60-60-60	.68-1.25- .88
1847 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1847 N. Y.	190	15 M.	60-60-60	.84-1.75-1.10
1848 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1848 N. Y.	8	1 M.	60-60-60	1.00-1.00-1.00
1848 N. Y.	190	26 M.	60-60-60	.75-1.75- .99
1849 Mass	190	1 M.	78-78-78	1.00-1.00-1.00
1849 N. Y.	190	26 M.	60-60-60	.68-1.75-1.01
1849 Ohio	190	2 M.	60-60-60	.88- .88- .88
1849 Pa	8	1 M.	72-72-72	1.00-1.00-1.00
1849 Pa	190	2 M.	60-60-60	1.00-1.00-1.00
1849 England	562	(a) M.	61-61-61	.57- .57- .57
1850 Conn	8	3 M.	60-60-60	.50-1.00- .67
1850 Mass	190	1 M.	72-72-72	1.00-1.00-1.00
1850 N. Y.	8	3 M.	60-72-64	.50-1.20- .73
1850 N. Y.	190	25 M.	60-60-60	.63-1.75- .96
1850 Ohio	190	1 M.	60-60-60	.88- .88- .88
1850 Pa	190	2 M.	60-60-60	1.00-1.00-1.00
1850 England	563	(a) M.	48-60 —	.87-1.30- —
1850 England	564	(a) M.	50-61 —	.30- .63- —
1851 Mass	190	1 M.	72-72-72	1.25-1.25-1.25
1851 N. Y.	190	21 M.	60-60-60	.75-1.38- .92
1851 Ohio	190	1 M.	60-60-60	.88- .88- .88
1851 Pa	190	2 M.	60-60-60	1.00-1.00-1.00
1852 Mass	190	1 M.	72-72-72	1.25-1.25-1.25
1852 N. Y.	190	28 M.	60-60-60	.75-1.25- .95
1852 Ohio	190	1 M.	60-60-60	.88- .88- .88
1852 Pa	190	2 M.	60-60-60	1.00-1.00-1.00
1853 Conn	190	12 M.	60-60-60	1.00-1.38-1.11
1853 Mass	190	1 M.	72-72-72	1.25-1.25-1.25
1853 N. Y.	190	27 M.	60-60-60	.63-1.50- .95
1853 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1853 Pa	190	2 M.	60-60-60	1.00-1.00-1.00
1853 France	609	(a) (a)	(a)	.77- .77- .77
1854 Conn	190	15 M.	60-60-60	1.00-1.50-1.16
1854 Mass	190	1 M.	72-72-72	1.25-1.25-1.25
1854 N. Y.	190	29 M.	60-60-60	.75-1.38-1.01
1854 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1854 Pa	190	2 M.	60-60-60	1.10-1.10-1.10
1854 S. C	8	1 M.	60-60-60	1.00-1.00-1.00
1855 Conn	190	7 M.	60-60-60	1.00-1.50-1.07
1855 Me	8	1 M.	60-60-60	1.00-1.00-1.00
1855 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1855 N. Y.	8	3 M.	72-72-72	.60-1.00- .87
1855 N. Y.	190	39 M.	60-60-60	.75-1.25- .94
1855 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1855 Pa	190	4 M.	60-60-60	1.00-1.30-1.15
1855 Ireland	561	(a) (a)	(a)	.24- .24- .24
1856 Conn	190	5 M.	60-60-60	1.17-1.50-1.23
1856 Md	190	11 M.	60-60-60	.92-1.00- .96
1856 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1856 N. Y.	190	38 M.	60-60-60	0.56-1.25-0.94
1856 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1856 Pa	190	5 M.	60-60-60	1.00-1.40-1.16
1856 England	562	(a) M.	(a)	.97- .97- .97
1856 Ireland	561	(a) (a)	(a)	.37- .37- .37
1856 Scotland	562	(a) M.	(a)	.61- .61- .61
1857 Conn	8	3 M.	60-60-60	.50-1.50- .83
1857 Conn	190	4 M.	60-60-60	1.17-1.50-1.27
1857 Md	190	6 M.	60-60-60	1.00-1.00-1.00
1857 Mass	190	1 M.	66-66-66	1.00-1.00-1.00
1857 N. Y.	190	28 M.	60-60-60	.75-1.38-1.01
1857 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1857 Pa	190	5 M.	60-60-60	1.00-1.40-1.16
1857 England	561	(a) (a)	(a)	1.01-1.01-1.01
1857 England	562	(a) M.	(a)	.89-1.01- —
1857 England	563	(a) M.	63-63-63	1.14-1.14-1.14
1857 Ireland	561	(a) (a)	(a)	.41- .49- —
1857 Scotland	562	(a) M.	(a)	.61- .61- .61
1858 Conn	190	6 M.	60-60-60	1.00-1.25-1.04
1858 Fla	8	1 M.	60-60-60	.75- .75- .75
1858 Md	190	2 M.	60-60-60	1.00-1.00-1.00
1858 Mass	190	1 M.	66-66-66	1.00-1.00-1.00
1858 N. Y.	190	19 M.	60-60-60	.75-1.13- .93
1858 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1858 Pa	8	1 M.	72-72-72	1.00-1.00-1.00
1858 Pa	190	5 M.	60-60-60	1.00-1.40-1.16
1858 England	562	(a) M.	(a)	.89-1.01- —
1858 England	563	(a) M.	63-63-63	1.14-1.14-1.14
1858 Ireland	563	(a) (a)	60-60-60	.53- .53- .53
1859 Conn	190	12 M.	60-60-60	1.00-1.50-1.06
1859 Fla	8	2 M.	60-60-60	.75- .75- .75
1859 Md	190	6 M.	60-60-60	1.00-1.00-1.00
1859 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1859 N. Y.	190	29 M.	60-60-60	.75-1.25- .92
1859 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1859 Pa	190	4 M.	60-60-60	1.00-1.40-1.20
1859 England	563	(a) M.	58-63 —	.57- .65- —
1859 Ireland	563	(a) M.	60-60-60	.53- .53- .53
1860 Conn	190	3 M.	60-60-60	1.25-1.50-1.38
1860 Fla	8	3 M.	60-60-60	1.00-1.00-1.00
1860 Md	190	10 M.	60-60-60	1.00-1.00-1.00
1860 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1860 N. Y.	190	35 M.	60-60-60	.84-2.00-1.13
1860 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1860 Pa	190	4 M.	60-60-60	1.00-1.40-1.20
1860 England	563	(a) M.	48-60 —	.73-1.34- —
1860 England	564	(a) M.	50-60 —	.30- .73- —
1860 Ireland	563	(a) (a)	60-60-60	.49- .53- —
1861 Conn	190	7 M.	60-60-60	1.25-1.83-1.39
1861 Md	190	6 M.	60-60-60	.75-1.00- .96
1861 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1861 N. Y.	190	29 M.	60-60-60	.84-1.38-1.05
1861 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1861 Pa	190	5 M.	60-60-60	1.00-1.50-1.30
1862 Conn	190	14 M.	60-60-60	1.00-1.50-1.19
1862 Md	190	8 M.	60-60-60	.83-1.00- .92
1862 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1862 N. Y.	190	33 M.	60-60-60	.88-1.63-1.13
1862 Ohio	190	1 M.	60-60-60	1.00-1.00-1.00
1862 Pa	190	6 M.	60-60-60	1.00-1.50-1.25
1863 Conn	190	29 M.	60-60-60	1.10-1.50-1.23
1863 Md	190	6 M.	60-60-60	1.25-1.25-1.25
1863 Mass	190	1 M.	66-66-66	1.50-1.50-1.50
1863 N. Y.	190	30 M.	60-60-60	.75-1.75-1.29
1863 Ohio	190	1 M.	60-60-60	1.15-1.15-1.15
1863 Pa	190	5 M.	60-60-60	1.13-1.60-1.41
1863 S. C	8	1 M.	60-60-60	1.00-1.00-1.00
1863 England	565	(a) (a)	b 60-63 —	.57- .89- —
1863 Ireland	565	(a) (a)	63-63-63	.51- .51- .51
1863 Scotland	565	(a) (a)	(a)	.65- .65- .65
1864 Conn	190	28 M.	60-60-60	1.20-1.67-1.38

a Not reported.

b Applies to but 4 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1864 Md	190	13 M.	60-60-60	1.42-1.50-1.47
1864 Mass	190	2 M.	60-66-63	1.50-1.50-1.50
1864 N. J	190	6 M.	60-60-60	1.75-2.00-1.90
1864 N. Y	190	40 M.	60-60-60	1.25-2.00-1.62
1864 Ohio	190	1 M.	60-60-60	1.75-1.75-1.75
1864 Pa	190	6 M.	60-60-60	1.25-1.60-1.43
1865 Conn	190	21 M.	60-60-60	1.40-1.83-1.50
1865 Md	190	8 M.	60-60-60	1.60-1.67-1.64
1865 Mass	190	1 M.	66-66-66	1.50-1.50-1.50
1865 N. J	8	2 M.	60-60-60	1.75-1.75-1.75
1865 N. J	190	6 M.	60-60-60	1.75-2.00-1.90
1865 N. Y	8	9 M.	60-60-60	1.00-2.00-1.67
1865 N. Y	190	35 M.	60-60-60	1.38-2.40-1.80
1865 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1865 Pa	190	6 M.	60-60-60	1.67-1.70-1.68
1865 England	627	(a) M.	66-66-66	.41- .41- .41
1866 Conn	190	23 M.	60-60-60	1.40-1.67-1.49
1866 Md	190	7 M.	60-60-60	1.67-1.83-1.72
1866 Mass	190	2 M.	60-66-63	1.50-1.75-1.63
1866 N. J	190	5 M.	60-60-60	2.00-2.00-2.00
1866 N. Y	190	38 M.	60-60-60	1.50-2.40-1.79
1866 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1866 Pa	190	7 M.	60-60-60	1.67-1.70-1.69
1866 England	566	(a) M.	42-60 —	.61- .97- —
1866 Scotland	566	(a) M.	b57-60 —	.61- .73- —
1867 Conn	190	14 M.	60-60-60	1.50-1.88-1.57
1867 Md	190	6 M.	60-60-60	1.67-2.00-1.73
1867 Mass	190	3 M.	60-66-64	1.50-1.75-1.58
1867 N. J	190	2 M.	60-60-60	2.00-2.00-2.00
1867 N. Y	190	33 M.	60-60-60	1.50-2.40-1.83
1867 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1867 Pa	190	6 M.	60-60-60	1.67-1.70-1.68
1868 Conn	190	6 M.	60-60-60	1.50-1.75-1.61
1868 Md	190	6 M.	60-60-60	1.67-2.00-1.73
1868 Mass	190	2 M.	60-66-63	1.50-1.75-1.63
1868 N. J	190	3 M.	60-60-60	2.00-2.00-2.00
1868 N. Y	190	29 M.	60-60-60	1.50-2.40-1.87
1868 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1868 Pa	190	6 M.	60-60-60	1.67-1.70-1.68
(c) England	567	(a) M.	42-60 —	.41- .97- —
1868 Germany	610	(a) M.	(a)	.36- .43- —
(c) Ireland	567	(a) M.	60-60-60	.57- .57- .57
1869 Conn	190	10 M.	60-60-60	1.50-1.83-1.69
1869 Md	190	6 M.	60-60-60	1.67-2.00-1.78
1869 Mass	190	2 M.	60-66-63	1.50-1.75-1.63
1869 N. J	190	3 M.	60-60-60	2.00-2.00-2.00
1869 N. Y	190	33 M.	60-60-60	1.00-2.40-1.77
1869 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1869 Pa	190	6 M.	60-60-60	1.60-1.67-1.64
1869 France	609	(a) (a)	(a)	.64- .77- —
1870 Cal	16	48 M.	54-60-56	2.00-2.52-2.34
1870 Conn	190	7 M.	60-60-60	1.63-1.75-1.72
1870 Ill	8	1 M.	60-60-60	1.50-1.50-1.50
1870 Ill	16	46 M.	60-60-60	1.90-2.10-2.00
1870 La	16	2 M.	60-60-60	2.00-2.00-2.00
1870 Md	16	9 M.	60-60-60	1.25-1.67-1.47
1870 Md	190	5 M.	60-60-60	1.67-1.90-1.72
1870 Mass	16	7 M.	59-60-60	1.50-2.25-1.89
1870 Mass	190	2 M.	60-60-60	1.50-1.75-1.63
1870 Minn	16	5 M.	60-60-60	1.50-1.75-1.60
1870 Mo	16	5 M.	60-60-60	1.30-1.30-1.30
1870 N. J	190	3 M.	60-60-60	2.00-2.00-2.00
1870 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1870 N. Y	16	9 M.	60-60-60	1.60-2.00-1.80
1870 N. Y	190	39 M.	60-60-60	1.13-2.75-1.87
1870 Ohio	16	21 M.	60-60-60	1.30-2.25-1.56
1870 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1870 Pa	16	52 M.	60-60-60	1.20-1.70-1.47
1870 Pa	190	7 M.	60-60-60	1.60-1.67-1.64
1870 Va	16	6 M.	60-60-60	1.00-1.00-1.00
1870 Belgium	16	(a) M.	(a)	.44- .58- —
1870 England	16	(a) M.	58-58-58	.81- .81- .81
1870 England	177	(a) M.	61-61-61	.48- .76- —
1870 France	16	(a) M.	(a)	.77- .87- —
1870 France	17	(a) M.	(a)	.68- .68- .68
1870 Norway	610	(a) M.	(a)	.43- .54- —
1870 Russia	610	(a) M.	(a)	.34- .50- —
1870 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1871 Cal	16	57 M.	54-60-56	2.03-2.50-2.23
1871 Conn	190	10 M.	60-60-60	1.63-1.75-1.72
1871 Ill	16	27 M.	60-60-60	1.75-2.00-1.88
1871 La	16	2 M.	60-60-60	2.00-2.00-2.00
1871 Md	16	9 M.	60-60-60	1.25-1.67-1.47
1871 Md	190	5 M.	60-60-60	1.67-2.00-1.77
1871 Mass	16	7 M.	59-60-60	1.50-2.25-1.89
1871 Mass	190	2 M.	60-60-60	1.50-1.75-1.63
1871 Mass	267	8 M.	60-60-60	1.75-1.75-1.75
1871 Minn	16	5 M.	60-60-60	1.50-1.75-1.60
1871 Mo	16	4 M.	60-60-60	1.35-1.35-1.35
1871 N. J	190	4 M.	60-60-60	1.88-2.00-1.97
1871 N. Y	16	7 M.	60-60-60	1.60-2.00-1.80
1871 N. Y	190	36 M.	60-60-60	1.00-2.50-1.78
1871 Ohio	16	29 M.	60-60-60	1.40-2.25-1.56
1871 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1871 Pa	16	43 M.	60-60-60	1.50-1.70-1.54
1871 Pa	190	6 M.	60-60-60	1.50-1.50-1.50
1871 Va	16	6 M.	60-60-60	1.00-1.00-1.00
1871 Belgium	16	(a) M.	(a)	.53- .53- .53
1871 Brazil	611	(a) M.	(a)	.63- .81- —
1871 England	16	(a) M.	54-58 —	.81-1.05- —
1871 England	568	(a) M.	d 48-48-48	.69-1.03- —
1871 England	629	(a) (a)	e 58-59 —	.65-1.01- —
1871 France	16	(a) M.	(a)	.77- .87- —
1871 France	17	(a) M.	(a)	.68- .68- .68
1871 Norway	185	(a) (a)	(a)	.43- .52- —
1871 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1871 Scotland	568	(a) M.	57-57-57	.65- .65- .65
1872 Cal	16	58 M.	54-60-56	2.00-2.50-2.22
1872 Conn	190	3 M.	60-60-60	1.67-1.83-1.72
1872 Ill	16	56 M.	60-60-60	1.90-2.10-2.00
1872 La	16	2 M.	60-60-60	2.00-2.00-2.00
1872 Md	16	8 M.	60-60-60	1.25-1.67-1.45
1872 Md	190	4 M.	60-60-60	1.67-1.83-1.71
1872 Mass	16	7 M.	59-60-60	1.67-2.17-1.91
1872 Mass	190	3 M.	60-60-60	1.25-1.75-1.50
1872 Minn	16	5 M.	60-60-60	1.50-1.75-1.60
1872 Mo	16	9 M.	50-60-53	1.40-1.80-1.57
1872 N. J	190	3 M.	60-60-60	2.00-2.00-2.00
1872 N. Y	16	8 M.	60-60-60	1.60-2.00-1.78
1872 N. Y	190	35 M.	60-60-60	1.50-2.50-1.92
1872 Ohio	16	27 M.	60-60-60	1.40-2.25-1.58
1872 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1872 Ohio	361	1 M.	(a)	2.00-2.00-2.00
1872 Pa	16	58 M.	60-60-60	1.50-1.70-1.58
1872 Pa	185	3 (a)	60-60-60	1.75-1.75-1.75
1872 Pa	190	6 M.	60-60-60	1.50-1.60-1.55
1872 Va	16	6 M.	60-60-60	1.00-1.00-1.00
1872 Belgium	16	(a) M.	(a)	.48- .58- —
1872 England	16	(a) M.	54-58 —	.81-1.05- —
1872 England	185	(a) M.	f 48-54 —	.68-1.29- —
1872 France	16	(a) M.	(a)	.77- .93- —
1872 France	17	(a) M.	(a)	.68- .68- .68
1872 Germany	185	(a) M.	g 60-72 —	.43- .84- —
1872 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1872 Scotland	185	(a) M.	57-57-57	.65- .65- .65
1873 Cal	16	45 M.	54-60-57	2.03-2.50-2.24

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Average for 1867–68.
d Applies to but 2 of the 6 wage quotations.
e Applies to but 8 of the 9 wage quotations.
f Applies to but 3 of the 10 wage quotations.
g Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 Conn	190	3 M.	60-60-60	1.67-1.83-1.75
1873 Ill	16	57 M.	60-60-60	1.60-2.20-1.96
1873 La	16	2 M.	60-60-60	2.00-2.00-2.00
1873 Md	16	9 M.	60-60-60	1.25-1.50-1.36
1873 Md	190	4 M.	60-60-60	1.67-1.83-1.71
1873 Mass	16	6 M.	59-60-60	1.67-2.17-1.92
1873 Mass	190	4 M.	60-66-62	1.25-1.83-1.56
1873 Minn	16	5 M.	60-60-60	1.50-1.75-1.60
1873 Mo	16	10 M.	50-60-53	1.35-1.80-1.58
1873 N. J	190	3 M.	60-60-60	2.00-2.00-2.00
1873 N. Y	16	6 M.	60-60-60	1.60-2.00-1.80
1873 N. Y	190	44 M.	60-60-60	1.50-2.50-1.90
1873 N. C	8	1 M.	60-60-60	.50- .50- .50
1873 Ohio	16	30 M.	60-60-60	1.40-2.00-1.57
1873 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1873 Pa	16	79 M.	60-60-60	1.20-1.90-1.69
1873 Pa	190	7 M.	60-60-60	1.60-1.65-1.62
1873 Va	16	6 M.	60-60-60	1.00-1.00-1.00
1873 Belgium	16	(a) M.	(a)	.48- .63- —
1873 England	16	(a) M.	54-54-54	.81-1.05- —
1873 England	185	(a) M.	(a)	.85- .92- —
1873 France	16	(a) M.	(a)	.77- .93- —
1873 France	17	(a) M.	(a)	.68- .68- .68
1873 Germany	185	(a) (a)	60-60-60	.60- .84- —
1873 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1873 Scotland	177	(a) M.	72-72-72	.72- .76- —
1873 Switzerl'd	714	(a) (a)	63-63-63	.62- .62- .62
1874 Cal	16	46 M.	54-60-57	2.03-2.50-2.24
1874 Conn	190	2 M.	60-60-60	1.67-1.83-1.75
1874 Del	185	20 M.	60-60-60	1.42-1.42-1.42
1874 Ill	16	42 M.	60-60-60	1.75-1.85-1.83
1874 Ill	185	25 (a)	60-60-60	1.58-1.58-1.58
1874 La	16	2 M.	60-60-60	2.00-2.00-2.00
1874 Md	16	9 M.	60-60-60	1.25-1.50-1.36
1874 Md	190	4 M.	60-60-60	1.67-1.83-1.71
1874 Mass	16	6 M.	59-60-60	1.88-2.17-1.94
1874 Mass	190	5 M.	60-66-61	1.25-1.83-1.60
1874 Minn	16	6 M.	60-60-60	1.50-1.75-1.63
1874 Mo	16	11 M.	50-60-54	1.40-1.80-1.57
1874 N. J	190	2 M.	60-60-60	2.00-2.00-2.00
1874 N. Y	16	4 M.	60-60-60	1.60-2.00-1.78
1874 N. Y	190	33 M.	60-60-60	1.38-2.50-1.93
1874 Ohio	16	23 M.	60-60-60	1.40-2.08-1.54
1874 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1874 Pa	16	41 M.	60-60-60	1.30-1.90-1.60
1874 Pa	190	9 M.	60-60-60	1.55-1.70-1.63
1874 Pa	380	41 M.	(a)	1.30-1.89-1.60
1874 Va	16	13 M.	60-60-60	.90-1.00- .98
1874 Belgium	16	(a) M.	(a)	.58- .63- —
1874 Canada	185	(a) M.	58-60 —	1.00-1.67- —
1874 England	16	(a) M.	54-54-54	.81-1.05- —
1874 England	185	(a) (a)	54-54-54	.81- .97- —
1874 France	16	(a) M.	(a)	.77- .93- —
1874 France	17	(a) M.	(a)	.68- .68- .68
1874 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1874 Scotland	185	(a) M.	51-51-51	.68- .68- .68
1874 Scotland	569	(a) M.	51-51-51	.41- .79- —
1875 Cal	16	43 M.	54-60-57	2.03-2.50-2.25
1875 Conn	190	3 M.	60-60-60	1.50-1.67-1.56
1875 Ill	16	46 M.	60-60-60	1.75-1.85-1.75
1875 La	16	2 M.	60-60-60	2.00-2.00-2.00
1875 Md	16	9 M.	60-60-60	1.25-1.50-1.36
1875 Md	190	4 M.	60-60-60	1.50-1.75-1.56
1875 Mass	16	6 M.	59-60-60	1.88-2.00-1.92
1875 Mass	190	4 M.	60-60-60	1.40-1.75-1.51
1875 Minn	16	6 M.	60-60-60	1.50-1.75-1.63
1875 Mo	16	13 M.	50-60-54	1.40-1.80-1.55
1875 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1875 N. Y	8	1 M.	60-60-60	1.00-1.00-1.00
1875 N. Y	16	4 M.	60-60-60	1.60-2.00-1.78
1875 N. Y	190	46 M.	60-60-60	1.35-2.50-1.74
1875 Ohio	16	18 M.	60-60-60	1.48-1.83-1.56
1875 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1875 Pa	16	37 M.	60-60-60	1.20-1.80-1.44
1875 Pa	190	8 M.	60-60-60	1.40-1.60-1.45
1875 Pa	380	14 M.	b 60-60-60	1.25-1.60-1.58
1875 Va	16	11 M.	60-60-60	.90-1.00- .97
1875 Belgium	16	(a) M.	(a)	.53- .53- .53
1875 England	16	(a) M.	54-54-54	.81-1.05- —
1875 France	16	(a) M.	(a)	.77- .95- —
1875 France	17	(a) M.	(a)	.68- .68- .68
1875 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1876 Cal	16	45 M.	54-60-57	2.03-2.50-2.24
1876 Conn	190	2 M.	60-60-60	1.50-1.50-1.50
1876 Ill	16	40 M.	60-60-60	1.50-1.75-1.66
1876 La	16	2 M.	60-60-60	2.00-2.00-2.00
1876 Md	16	9 M.	60-60-60	1.25-1.50-1.36
1876 Md	190	2 M.	60-60-60	1.50-1.50-1.50
1876 Mass	16	5 M.	54-59-56	1.28-2.00-1.63
1876 Mass	190	4 M.	60-60-60	1.40-1.65-1.53
1876 Minn	16	7 M.	60-60-60	1.50-1.75-1.61
1876 Mo	16	11 M.	50-60-54	1.35-1.80-1.56
1876 N. J	190	3 M.	60-60-60	1.50-2.00-1.83
1876 N. Y	16	4 M.	60-60-60	1.60-2.00-1.78
1876 N. Y	190	31 M.	60-60-60	1.20-2.50-1.81
1876 Ohio	16	21 M.	60-60-60	1.43-1.83-1.53
1876 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1876 Pa	16	58 M.	60-60-60	1.30-1.67-1.39
1876 Pa	190	9 M.	60-60-60	1.30-1.40-1.33
1876 Pa	381	474 M.	c 60-60-60	.50-2.50-1.43
1876 Pa	382	11 M.	(a)	.90-1.42-1.15
1876 Pa	382	130 M.	(a)	d .14- .14- .14
1876 S. C	8	1 M.	60-60-60	1.35-1.35-1.35
1876 Va	16	8 M.	60-60-60	.90-1.00- .96
1876 Australia	171	(a) M.	(a)	d .18- .22- —
1876 Belgium	16	(a) M.	(a)	.48- .53- —
1876 England	16	(a) M.	54-54-54	.85-1.05- —
1876 France	16	(a) M.	(a)	.77- .94- —
1876 France	17	(a) M.	(a)	.68- .68- .68
1876 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1877 Cal	16	45 M.	54-60-57	2.03-2.50-2.24
1877 Conn	190	2 M.	60-60-60	1.35-1.50-1.43
1877 Ill	16	50 M.	60-60-60	1.50-1.75-1.68
1877 La	16	2 M.	60-60-60	2.00-2.00-2.00
1877 Md	16	8 M.	60-60-60	1.25-1.50-1.36
1877 Md	190	2 M.	60-60-60	1.50-1.50-1.50
1877 Mass	8	5 M.	60-60-60	1.50-2.50-2.30
1877 Mass	16	5 M.	54-59-56	1.50-1.80-1.62
1877 Mass	190	4 M.	60-60-60	1.40-1.50-1.48
1877 Minn	16	7 M.	60-60-60	1.50-1.75-1.61
1877 Mo	16	10 M.	50-60-54	1.40-1.80-1.55
1877 N. J	190	4 M.	60-60-60	1.50-1.50-1.50
1877 N. J	317	38 M.	(a)	1.25-1.25-1.25
1877 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1877 N. Y	16	4 M.	60-60-60	1.60-2.00-1.78
1877 N. Y	190	34 M.	60-60-60	1.25-2.50-1.60
1877 Ohio	16	22 M.	60-60-60	1.43-1.67-1.50
1877 Ohio	190	1 M.	60-60-60	1.75-1.75-1.75
1877 Pa	16	22 M.	60-60-60	1.10-1.67-1.34
1877 Pa	190	10 M.	60-60-60	1.30-1.30-1.30
1877 Pa	382	30 M.	b 48-60-49	1.00-1.50-1.47
1877 Va	16	12 M.	60-60-60	.83-1.00- .89
1877 Belgium	16	(a) M.	(a)	.39- .53- —
1877 England	16	(a) M.	54-54-54	.85-1.05- —
1877 England	570	(a) M.	53-54 —	.65-1.09- —
1877 France	16	(a) M.	(a)	.77- .95- —
1877 France	17	(a) M.	(a)	.68- .68- .68
1877 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1878 Cal	16	63 M.	54-60-56	1.80-2.50-2.11
1878 Conn	8	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 456 persons not reported.
d Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Conn	190	4 M.	60-60-60	1.20-1.50-1.35
1878 Ill	16	20 M.	60-60-60	1.65-1.75-1.71
1878 La	16	2 M.	60-60-60	2.00-2.00-2.00
1878 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1878 Md	190	2 M.	60-60-60	1.50-1.50-1.50
1878 Mass	16	6 M.	54-59-56	1.50-1.80-1.60
1878 Mass	190	4 M.	60-60-60	1.40-1.75-1.54
1878 Minn	16	7 M.	60-60-60	1.50-1.75-1.61
1878 Mo	16	11 M.	50-60-55	1.40-1.80-1.54
1878 N.J	190	2 M.	60-60-60	1.38-1.50-1.44
1878 N.Y	8	1 M.	60-60-60	2.50-2.50-2.50
1878 N.Y	16	4 M.	60-60-60	1.40-2.00-1.63
1878 N.Y	190	56 M.	60-60-60	1.18-2.50-1.58
1878 Ohio	16	23 M.	60-60-60	1.43-1.67-1.50
1878 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1878 Ohio	360	154 M.	(a)	1.22-1.25-1.22
1878 Pa	16	26 M.	60-60-60	1.00-1.67-1.31
1878 Pa	190	9 M.	60-60-60	1.10-1.30-1.17
1878 Pa	383	192 M.	b 48-72-56	.75-1.50-1.14
1878 Va	16	8 M.	60-60-60	.90-1.00- .96
1878 Belgium	16	(a) M.	(a)	.44- .58- —
1878 Belgium	177	(a) M.	(a)	.48- .48- .48
1878 Belgium	178	(a) M.	(a)	1.44-1.44-1.44
1878 England	16	(a) M.	54-54-54	.85-1.05- —
1878 England	43	(a) (a)	(a)	1.01-1.18- —
1878 England	43	(a) (a)	(a)	c .12- .12- .12
1878 England	177	(a) M.	d 54-54-54	.58-1.01- —
1878 France	16	(a) M.	(a)	.77- .95- —
1878 France	17	(a) M.	(a)	.73- .73- .73
1878 Italy	177	(a) M.	(a)	.20- .35- —
1878 Scotland	16	(a) M.	51-51-51	.73- .73- .73
1878 Scotland	177	(a) M.	72-72-72	.76- .76- .76
1878 Switzerl'd	714	(a) (a)	63-63-63	.60- .60- .60
1879 Cal	16	56 M.	54-60-56	1.80-2.50-2.11
1879 Conn	190	2 M.	60-60-60	1.20-1.50-1.35
1879 Ill	16	39 M.	60-60-60	1.50-1.75-1.64
1879 La	16	2 M.	60-60-60	2.00-2.00-2.00
1879 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1879 Md	190	3 M.	60-60-60	1.50-1.50-1.50
1879 Mass	16	5 M.	54-59-56	1.50-1.80-1.62
1879 Mass	190	4 M.	60-60-60	1.40-1.75-1.53
1879 Minn	16	8 M.	60-60-60	1.50-1.75-1.63
1879 Mo	16	11 M.	50-60-54	1.35-1.80-1.56
1879 N.J	190	3 M.	60-60-60	1.50-1.50-1.50
1879 N.J	318	1 (a)	60-60-60	1.25-1.25-1.25
1879 N.Y	16	5 M.	60-60-60	1.40-2.00-1.58
1879 N.Y	190	44 M.	60-60-60	1.18-2.25-1.58
1879 Ohio	16	28 M.	60-60-60	1.35-1.62-1.46
1879 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1879 Ohio	361	1 M.	(a)	1.17-1.17-1.17
1879 Pa	16	40 M.	60-60-60	1.00-1.60-1.34
1879 Pa	190	7 M.	60-60-60	1.10-1.30-1.19
1879 Pa	384	187 (a)	e 60-60-60	1.20-1.44-1.29
1879 Va	16	12 M.	60-60-60	.90-1.00- .98
1879 Belgium	16	(a) M.	(a)	.39- .56- —
1879 England	16	(a) M.	54-54-54	.85-1.05- —
1879 England	178	(a) M.	(a)	.77- .77- .77
1879 France	16	(a) M.	(a)	.77- .95- —
1879 France	17	(a) M.	(a)	.73- .73- .73
1879 Scotland	16	(a) M.	51-51-51	.73- .73- .73
1880 Cal	16	63 M.	54-60-56	1.94-2.50-2.10
1880 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1880 Conn	190	3 M.	60-60-60	1.20-1.50-1.32
1880 Ill	16	42 M.	60-60-60	1.50-1.75-1.64
1880 Ill	205	84 M.	44-60-48	1.06-1.55-1.24
1880 La	16	2 M.	60-60-60	2.00-2.00-2.00
1880 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1880 Md	190	2 M.	60-60-60	1.50-1.62-1.56
1880 Mass	16	7 M.	54-59-55	1.50-1.80-1.58
1880 Mass	190	4 M.	60-60-60	1.40-1.75-1.53
1880 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1880 Mo	16	11 M.	50-60-54	1.35-1.80-1.56
1880 N.J	190	4 M.	60-60-60	1.50-1.50-1.50
1880 N.Y	16	8 M.	60-60-60	1.40-1.65-1.53
1880 N.Y	190	68 M.	60-60-60	1.00-2.00-1.51
1880 Ohio	16	28 M.	60-60-60	1.20-1.67-1.35
1880 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1880 Pa	16	69 M.	60-60-60	1.20-1.70-1.41
1880 Pa	190	9 M.	60-60-60	1.10-1.20-1.14
1880 Pa	385	1 M.	60-60-60	1.80-1.80-1.80
1880 Va	16	41 M.	60-60-60	.90-1.00- .99
1880 Belgium	16	(a) M.	(a)	.44- .56- —
1880 England	16	(a) M.	54-54-54	.85-1.05- —
1880 England	571	(a) M.	54-57 —	.57- .91- —
1880 France	16	(a) M.	(a)	.77-1.01- —
1880 France	17	(a) M.	(a)	.73- .73- .73
1880 Ireland	571	(a) M.	58-58-58	.69- .69- .69
1880 Scotland	16	(a) M.	54-54-54	.75- .75- .75
1880 Scotland	571	(a) M.	54-54-54	.60- .60- .60
1881 Cal	16	68 M.	54-60-56	1.94-2.50-2.11
1881 Conn	190	3 M.	60-60-60	1.00-1.75-1.33
1881 Ill	16	47 M.	60-60-60	1.60-1.65-1.62
1881 Ky	2	25 M.	60-60-60	1.35-1.35-1.35
1881 La	16	2 M.	60-60-60	2.00-2.00-2.00
1881 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1881 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1881 Mass	16	7 M.	54-59-55	1.50-1.80-1.61
1881 Mass	190	5 M.	60-60-60	1.50-1.60-1.52
1881 Minn	16	7 M.	60-60-60	1.50-1.50-1.50
1881 Mo	16	9 M.	50-60-53	1.35-1.80-1.55
1881 N.J	190	5 M.	60-60-60	1.50-1.75-1.55
1881 N.Y	16	13 M.	60-60-60	1.65-2.00-1.73
1881 N.Y	190	66 M.	f 60-60-60	1.25-2.00-1.53
1881 Ohio	16	29 M.	60-60-60	1.30-1.67-1.40
1881 Ohio	190	2 M.	60-60-60	1.50-1.75-1.63
1881 Ohio	363	45 M.	g 54-60-59	.60-1.65-1.50
1881 Pa	16	76 M.	60-60-60	1.20-1.71-1.44
1881 Pa	190	10 M.	60-60-60	1.30-1.30-1.30
1881 Va	16	43 M.	60-60-60	.90-1.17-1.04
1881 Australia	431	(a) (a)	(a)	c .16-.20½- —
1881 Belgium	16	(a) M.	(a)	.44- .56- —
1881 England	16	(a) M.	54-54-54	.85-1.05- —
1881 France	16	(a) M.	(a)	.77-1.01- —
1881 France	17	(a) M.	(a)	.73- .81- —
1881 Scotland	16	(a) M.	54-54-54	.75- .75- .75
1882 Cal	16	71 M.	54-60-56	1.94-2.50-2.09
1882 Conn	190	5 M.	60-60-60	1.40-1.75-1.56
1882 Ill	16	42 M.	60-60-60	1.50-1.75-1.62
1882 La	16	2 M.	60-60-60	2.00-2.00-2.00
1882 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1882 Md	190	2 M.	60-60-60	1.50-1.50-1.50
1882 Mass	16	7 M.	54-59-55	1.50-1.80-1.56
1882 Mass	190	5 M.	60-60-60	1.50-1.60-1.56
1882 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1882 Mo	16	10 M.	50-60-54	1.35-1.80-1.53
1882 Mo	294	5 M.	60-60-60	1.50-1.67-1.53
1882 N.J	190	4 M.	60-60-60	1.50-1.75-1.60
1882 N.J	321	82 M.	h 60-72-63	1.00-1.80-1.34
1882 N.Y	16	8 M.	60-60-60	1.60-1.75-1.73
1882 N.Y	190	81 M.	i 60-60-60	.81-2.00-1.55
1882 Ohio	16	34 M.	60-60-60	1.40-1.80-1.51
1882 Ohio	190	2 M.	60-60-60	1.50-1.75-1.63
1882 Ohio	364	784 (a)	j 54-60-60	.50-1.80-1.40
1882 Pa	16	61 M.	60-60-60	1.30-1.71-1.44

a Not reported.
b Not including hours of 56 persons not reported.
c Per hour.
d Applies to but 2 of the 5 wage quotations.
e Not including hours of 6 persons not reported.
f Not including hours of 1 person not reported.
g Not including hours of 32 persons not reported.
h Not including hours of 57 persons not reported.
i Not including hours of 3 persons not reported.
j Not including hours of 248 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Pa	190	11 M.	60-60-60	1.30-1.40-1.34
1882 Va	16	20 M.	60-60-60	.90-1.33-1.08
1882 Belgium	16	(a) M.	(a)	.50- .58- —
1882 England	16	(a) M.	54-54-54	.85-1.05- —
1882 France	16	(a) M.	(a)	.77-1.01- —
1882 France	17	(a) M.	(a)	.73- .83- —
1882 Scotland	16	(a) M.	54-54-54	.75- .75- .75
1883 Cal	16	72 M.	54-60-56	1.94-2.50-2.12
1883 Conn	190	3 M.	60-60-60	1.50-1.75-1.58
1883 Ill	16	50 M.	60-60-60	1.60-1.80-1.65
1883 La	16	2 M.	60-60-60	2.00-2.00-2.00
1883 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1883 Md	190	2 M.	60-60-60	1.50-1.50-1.50
1883 Mass	16	5 M.	54-59-56	1.50-1.80-1.60
1883 Mass	190	3 M.	60-60-60	1.50-1.60-1.57
1883 Mass	273	129 M.	(a)	1.00-2.25-1.61
1883 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1883 Mo	16	10 M.	50-60-53	1.40-1.80-1.59
1883 N. J	190	2 M.	60-60-60	1.65-1.85-1.75
1883 N. J	322	8 M.	48-48-48	1.33-3.00-1.67
1883 N. Y	16	9 M.	60-60-60	1.85-1.95-1.86
1883 N. Y	190	66 M.	b 60-60-60	1.40-2.25-1.63
1883 Ohio	16	30 M.	60-60-60	1.40-1.67-1.48
1883 Ohio	190	2 M.	60-60-60	1.50-1.75-1.63
1883 Ohio	365	5 M.	50-60-58	1.30-2.08-1.53
1883 Pa	16	71 M.	c 60-60-60	1.30-1.71-1.46
1883 Pa	190	12 M.	60-60-60	1.30-1.40-1.33
1883 Va	16	18 M.	60-60-60	.90-1.25-1.03
1883 Belgium	16	(a) M.	(a)	.53- .58- —
1883 England	16	(a) M.	54-54-54	.85-1.05- —
1883 England	43	(a) (a)	(a)	1.01-1.22- —
1883 England	43	(a) (a)	(a)	d .13- .13- .13
1883 England	572	(a) M.	e 54-54-54	.73-1.01- —
1883 France	16	(a) M.	(a)	.77-1.01- —
1883 France	17	(a) M.	(a)	.73- .81- —
1883 Gr't Brit	273	(a) M.	(a)	.65- .85- —
1883 Scotland	16	(a) M.	54-54-54	.77- .77- .77
1883 Scotland	572	(a) M.	54-54-54	.77- .77- .77
1883 Wales	43	(a) (a)	(a)	.73- .85- —
1884 Cal	16	73 M.	54-60-56	1.94-2.50-2.11
1884 Conn	190	3 M.	60-60-60	1.50-1.75-1.58
1884 Ill	16	52 M.	60-60-60	1.60-1.70-1.64
1884 La	16	2 M.	60-60-60	2.00-2.00-2.00
1884 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1884 Md	190	2 M.	60-60-60	1.25-1.25-1.25
1884 Mass	16	5 M.	54-59-56	1.50-1.80-1.64
1884 Mass	190	5 M.	60-60-60	1.25-1.60-1.45
1884 Mich	278	77 M.	(a)	.60-1.90-1.32
1884 Minn	16	9 M.	60-60-60	1.50-1.50-1.50
1884 Mo	16	10 M.	50-60-53	1.40-1.80-1.59
1884 Mo	295	2 M.	60-60-60	2.25-2.25-2.25
1884 N. J	190	2 M.	60-60-60	1.65-1.85-1.75
1884 N. J	323	62 M.	60-60-60	.90-2.00-1.62
1884 N. Y	16	9 M.	60-60-60	1.85-1.95-1.86
1884 N. Y	190	54 M.	f 60-60-60	1.45-2.25-1.67
1884 Ohio	16	22 M.	60-60-60	1.40-1.67-1.49
1884 Ohio	190	2 M.	60-60-60	1.50-1.50-1.50
1884 Ohio	367	38 M.	(a)	.83-1.67-1.44
1884 Pa	16	57 M.	c 60-60-60	1.30-1.75-1.47
1884 Pa	190	12 M.	60-60-60	1.30-1.40-1.33
1884 Pa	388	928 M.	(a)	1.21-1.35-1.34
1884 Va	16	10 M.	60-60-60	0.90-1.00-0.97
1884 Aust-Hun	178	(a) M.	60-72 —	.40-1.07- —
1884 Azores	178	(a) M.	(a)	.26- .42- —
1884 Belgium	16	(a) M.	(a)	.48- .58- —
1884 Belgium	178	(a) M.	e 60-72 —	.38-1.35- —
1884 Brazil	178	(a) M.	g 60-63 —	.42-1.29- —
1884 Br. Guiana	178	(a) M.	54-54-54	.32- .48- —
1884 Br. Hond	178	(a) (a)	54-54-54	.90- .90- .90
1884 Canada	178	(a) M.	h 60-60-60	.75-1.75- —
1884 Canada	466	(a) M.	54-54-54	1.10-1.10-1.10
1884 C. of G'd H.	178	(a) (a)	i 60-60-60	1.00-1.82- —
1884 Ceylon	178	(a) (a)	53-53-53	.14- .20- —
1884 China	178	(a) M.	60-60-60	j .07½-.12- —
1884 Colombia	178	(a) M.	60-60-60	.32- .81- —
1884 Cuba	178	(a) M.	i 59-59-59	.93-2.80- —
1884 Denmark	178	(a) M.	60-60-60	.67-1.12- —
1884 Ecuador	178	(a) M.	60-60-60	.60-1.00- —
1884 England	16	(a) M.	54-54-54	.85-1.10- —
1884 England	178	(a) M.	k 53-57 —	.57-1.38- —
1884 Falkl'd Is	178	(a) (a)	(a)	1.95-1.95-1.95
1884 France	16	(a) M.	(a)	.77-1.01- —
1884 France	17	(a) M.	(a)	.73- .79- —
1884 France	178	(a) M.	l 60-66 —	.50-1.16- —
1884 Germany	178	(a) M.	n 60-72 —	.17- .93- —
1884 Gibraltar	178	(a) M.	56-56-56	.50- .67- —
1884 Hawai. Is	178	(a) (a)	53-54 —	2.00-3.33- —
1884 Ireland	178	(a) M.	o 56-60 —	.49- .81- —
1884 Italy	178	(a) M.	p 42-72 —	.27- .68- —
1884 Mexico	178	(a) (a)	q 60-60-60	.33-1.50- —
1884 Morocco	178	(a) (a)	60-72 —	.10- .50- —
1884 Netherl'ds	178	(a) M.	60-72 —	.42- .67- —
1884 Persia	178	(a) (a)	(a)	.16- .16- .16
1884 Peru	178	(a) M.	i 54-54-54	.98-1.50- —
1884 Philip. Is	178	(a) M.	(a)	.75-1.00- —
1884 Russia	178	(a) M.	r 60-72 —	.29-1.00- —
1884 Russia	178	(a) M.	72-72-72	s .13- .28- —
1884 Scotland	16	(a) M.	54-54-54	.75- .75- .75
1884 Scotland	178	(a) M.	t 51-72 —	.53- .81- —
1884 Spain	178	(a) M.	57-72 —	.29-1.20- —
1884 Switzerl'd	178	(a) M.	u 60-66 —	.55-1.26- —
1884 Turkey	178	(a) M.	(a)	.44- .44- .44
1884 Turk. in A	178	(a) (a)	66-66-66	.20- .82- —
1884 Venezuela	178	(a) (a)	v 60-60-60	.69-1.20- —
1884 Wales	178	(a) M.	l 54-54-54	.61- .85- —
1885 Cal	1	32 M.	60-60-60	1.67-2.50-2.08
1885 Cal	16	71 M.	54-60-56	1.94-2.50-2.11
1885 Conn	1	58 M.	60-60-60	1.25-2.00-1.75
1885 Conn	7	3 M.	60-60-60	1.50-1.50-1.50
1885 Conn	190	4 M.	60-60-60	1.45-1.75-1.55
1885 Del	1	35 M.	60-60-60	1.17-1.17-1.17
1885 Ill	1	46 M.	60-60-60	1.00-2.00-1.43
1885 Ill	16	47 M.	60-60-60	1.50-1.75-1.61
1885 Ind	1	30 M.	60-60-60	1.13-1.50-1.35
1885 Kans	239	4 M.	48-60-54	1.25-1.48-1.37
1885 Ky	1	18 M.	60-60-60	1.00-1.50-1.28
1885 La	16	2 M.	60-60-60	2.00-2.00-2.00
1885 Me	1	4 M.	60-66-63	1.10-1.33-1.22
1885 Md	1	7 M.	66-72-68	1.00-1.60-1.34
1885 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1885 Md	190	2 M.	60-60-60	1.25-1.25-1.25
1885 Mass	16	5 M.	54-59-56	1.58-1.90-1.69

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d Per hour
e Applies to but 7 of the 10 wage quotations.
f Not including hours of 4 persons not reported.
g Applies to but 4 of the 8 wage quotations.
h Applies to but 24 of the 33 wage quotations.
i Applies to but 2 of the 4 wage quotations.
j And provisions.
k Applies to but 45 of the 74 wage quotations.
l Applies to but 7 of the 9 wage quotations.
n Applies to but 45 of the 54 wage quotations.
o Applies to but 13 of the 15 wage quotations.
p Applies to but 14 of the 22 wage quotations.
q Applies to but 6 of the 10 wage quotations.
r Applies to but 10 of the 13 wage quotations.
s And board and lodging.
t Applies to but 9 of the 11 wage quotations.
u Applies to but 13 of the 19 wage quotations.
v Applies to but 2 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mass	190	2 M.	60-60-60	1.50-1.50-1.50
1885 Mich	1	2 M.	60-60-60	.60-1.00- .80
1885 Mich	7	1 M.	60-60-60	1.17-1.17-1.17
1885 Mich	279	112 M.	(a)	1.00-1.85-1.43
1885 Minn	16	9 M.	60-60-60	1.50-1.50-1.50
1885 Mo	1	1 M.	60-60-60	1.93-1.93-1.93
1885 Mo	16	10 M.	50-60-54	1.40-1.80-1.55
1885 Mo	296	3 M.	60-60-60	1.75-2.25-2.08
1885 N. J	8	5 M.	60-60-60	1.00-1.00-1.00
1885 N. J	190	3 M.	60-60-60	1.65-1.85-1.72
1885 N. J	324	43 M.	b 42-60-58	1.17-2.00-1.41
1885 N. Y	1	44 M.	60-72-61	1.16-1.70-1.41
1885 N. Y	7	1 M.	59-59-59	1.17-1.17-1.17
1885 N. Y	16	11 M.	60-60-60	1.40-1.70-1.63
1885 N. Y	190	40 M.	c 60-60-60	1.30-2.25-1.67
1885 N. C	1	7 M.	60-60-60	1.00-1.00-1.00
1885 Ohio	1	126 M.	54-72-62	1.00-1.75-1.39
1885 Ohio	16	23 M.	60-60-60	1.33-1.60-1.44
1885 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1885 Ohio	367	34 M.	(a)	.83-1.50-1.31
1885 Pa	1	41 M.	60-72-66	.95-1.75-1.38
1885 Pa	16	37 M.	d 60-60-60	1.10-1.67-1.38
1885 Pa	190	10 M.	60-60-60	1.30-1.30-1.30
1885 Pa	389	1116 M.	(a)	1.27-1.50-1.35
1885 Tenn	1	5 M.	60-72-65	.90-1.00- .96
1885 Vt	1	4 M.	60-60-60	1.12-1.12-1.12
1885 Va	1	28 M.	60-72-62	.90-1.50-1.27
1885 Va	16	11 M.	60-60-60	.90-1.00- .97
1885 W. Va	1	1 M.	60-60-60	1.25-1.25-1.25
1885 Australia	175	(a) (a)	(a)	e 2.23-2.23-2.23
1885 Australia	431	(a) (a)	(a)	f .16-.20½- —
1885 Belgium	16	(a) M.	(a)	.48- .58- —
1885 Canada	467	(a) M.	59-59-59	1.08-1.08-1.08
1885 England	16	(a) M.	54-54-54	.85-1.10- —
1885 France	16	(a) M.	(a)	.77-1.01- —
1885 France	17	(a) M.	(a)	.73- .81- —
1885 Gr't Brit	1	(a) M.	60-72 —	.72- .88- —
1885 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1886 Cal	16	75 M.	54-60-56	1.94-2.50-2.10
1886 Conn	190	3 M.	60-60-60	1.50-1.75-1.58
1886 Ill	16	66 M.	60-60-60	1.60-1.90-1.70
1886 Kans	240	2 M.	60-60-60	1.75-1.75-1.75
1886 La	16	2 M.	60-60-60	2.00-2.00-2.00
1886 Md	16	9 M.	60-60-60	1.25-1.50-1.42
1886 Md	190	2 M.	60-60-60	1.25-1.25-1.25
1886 Mass	16	6 M.	54-59-56	1.58-1.90-1.67
1886 Mass	190	3 M.	60-60-60	1.50-1.60-1.53
1886 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1886 Mo	16	10 M.	50-60-53	1.40-1.80-1.59
1886 N. J	190	2 M.	60-60-60	1.65-1.85-1.75
1886 N. J	325	11 M.	60-60-60	1.50-1.71-1.64
1886 N. Y	16	5 M.	60-60-60	1.40-1.70-1.65
1886 N. Y	190	58 M.	g 60-60-60	1.30-2.25-1.58
1886 Ohio	16	23 M.	60-60-60	1.40-1.60-1.44
1886 Ohio	190	1 M.	60-60-60	1.25-1.25-1.25
1886 Pa	7	2 M.	60-60-60	1.08-1.25-1.17
1886 Pa	16	55 M.	d 60-60-60	1.25-1.71-1.40
1886 Pa	190	6 M.	60 60-60	1.10-1.30-1.20
1886 R. I	7	1 M.	60-60-60	1.25-1.25-1.25
1886 Va	16	17 M.	60-60-60	.90-1.00- .98
1886 Belgium	16	(a) M.	(a)	.48- .58- —
1886 Belgium	456	(a) (a)	(a)	.36- .52- —
1886 Canada	73	(a) M.	(a)	1.25-1.25-1.25
1886 Canada	468	(a) M.	55-60 —	1.08-1.17- —
1886 C. of G'd H.	483	(a) (a)	(a)	0.49-1.10- —
1886 England	16	(a) M.	54-54-54	.85-1.10- —
1886 England	600	(a) M.	57-57-57	.78- .78- .78
1886 England	602	(a) M.	(a)	.45- .81- —
1886 England	604	(a) M.	h 54-54-54	.59-1.30- —
1886 France	16	(a) M.	(a)	.97-1.01- —
1886 France	17	(a) M.	(a)	.77- .81- —
1886 France	66	(a) M.	(a)	.39- .39- .39
1886 Gr't Brit	602	(a) M.	(a)	.46- .74- —
1886 Gr't Brit	604	(a) M.	i 54-54-54	.62- .67- —
1886 Gr't Brit	632	(a) M.	54-54-54	.89-1.22- —
1886 Ireland	604	(a) M.	j 54-54-54	.55- .70- —
1886 Italy	633	(a) M.	66-66-66	.42- .52- —
1886 Scotland	16	(a) M.	54-54-54	.73- .73- .73
1886 Scotland	602	(a) M.	(a)	.67- .74- —
1886 Scotland	604	(a) M.	k 54-54-54	.62-1.08- —
1887 Ala	5	4 M.	60-60-60	1.25-1.25-1.25
1887 Cal	16	79 M.	54-60-56	1.94-2.50-2.10
1887 Conn	4	21 M.	(a)	1.25-1.75-1.48
1887 Conn	190	4 M.	60-60-60	1.50-1.88-1.66
1887 Conn	202	16 M.	(a)	.88-1.75-1.66
1887 Del	4	9 M.	(a)	f .13- .16¼-.14
1887 Fla	4	11 M.	(a)	1.00-1.60-1.26
1887 Ill	16	48 M.	60-60-60	1.60-1.80-1.71
1887 Kans	241	2 M.	b 60-60-60	1.50-1.75-1.63
1887 La	16	2 M.	60-60-60	1.67-2.00-1.84
1887 Md	4	685 M.	l 60-60-60	.80-1.75-1.19
1887 Md	16	7 M.	60-60-60	1.25-1.50-1.43
1887 Md	190	5 M.	60-60-60	1.33-1.67-1.40
1887 Mass	4	98 M.	(a)	1.00-2.00-1.63
1887 Mass	16	5 M.	54-59-56	1.58-2.00-1.73
1887 Mass	190	4 M.	60-60-60	1.25-1.75-1.55
1887 Mich	4	62 M.	n 60-60-60	1.25-1.75-1.36
1887 Mich	4	10 M.	(a)	f .12½- .15-.14½
1887 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1887 Mo	4	164 M.	(a)	1.25-2.75-1.66
1887 Mo	16	10 M.	50-60-53	1.40-1.80-1.59
1887 Mo	297	9 M.	c 60-72-62	1.25-2.50-1.97
1887 Nebr	312	93 (a)	54-60-57	1.35-2.40-1.78
1887 N. J	4	166 M.	(a)	.75-1.75-1.36
1887 N. J	190	1 M.	60-60-60	1.85-1.85-1.85
1887 N. Y	4	305 M.	(a)	1.00-2.11-1.41
1887 N. Y	16	8 M.	60-60-60	1.85-1.95-1.88
1887 N. Y	190	46 M.	o 60-60-60	1.35-2.25-1.67
1887 N. Y	331	9 M.	55-55-55	1.80-1.80-1.80
1887 N. C	4	4 M.	(a)	.30- .80- .68
1887 N. C	342	1 M.	60-60-60	1.25-1.25-1.25
1887 Ohio	16	23 M.	60-60-60	1.40-1.60-1.44
1887 Ohio	190	1 M.	60-60-60	1.25-1.25-1.25
1887 Ohio	369	3 M.	60-60-60	1.10-1.10-1.10
1887 Oregon	4	18 M.	(a)	2.25-2.50-2.28
1887 Pa	4	600 M.	p 60-60-60	.50-2.00-1.40
1887 Pa	4	11 M.	(a)	f .10- .14- .13
1887 Pa	16	71 M.	c 60-60-60	1.30-1.71-1.46
1887 Pa	190	10 M.	60-60-60	1.30-1.30-1.30
1887 Pa	390	65 M.	(a)	1.50-1.65-1.56
1887 R. I	4	15 M.	(a)	1.25-1.58-1.52
1887 Va	4	7 M.	(a)	1.25-1.25-1.25
1887 Va	16	29 M.	60-60-60	.90-1.17-1.05
1887 W. Va	4	2 M.	(a)	1.25-1.25-1.25
1887 Wis	4	54 M.	(a)	1.25-1.50-1.50
1887 Wis	409	421 M.	(a)	1.38-1.38-1.38
1887 Australia	420	(a) (a)	48-48-48	1.46-1.83- —
1887 Belgium	16	(a) M.	(a)	.48- .58- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 2 persons not reported.
e And board and lodging.
f Per hour.
g Not including hours of 4 persons not reported.
h Applies to but 13 of the 30 wage quotations.
i Applies to but 1 of the 2 wage quotations.
j Applies to but 2 of the 3 wage quotations.
k Applies to but 3 of the 10 wage quotations.
l Not including hours of 679 persons not reported.
n Not including hours of 27 persons not reported.
o Not including hours of 5 persons not reported.
p Not including hours of 592 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Belgium ..	598	(a) M.	(a)	0.32-0.32-0.32
1887 Canada ...	469	(a) M.	58-58-58	1.24-1.24-1.24
1887 England ..	16	(a) M.	54-54-54	.85-1.10- —
1887 France....	16	(a) M.	(a)	.97-1.01- —
1887 France....	17	(a) M.	(a)	.77- .81- —
1887 Scotland ..	16	(a) M.	54-54-54	.77- .77- .77
1888 Cal.....	16	77 M.	54-60-56	1.94-2.50-2.11
1888 Colo.....	198	32 M.	(a)	1.75-2.01-1.96
1888 Conn.....	190	3 M.	60-60-60	1.25-1.75-1.50
1888 Ill.....	5	2 M.	60-60-60	1.60-1.60-1.60
1888 Ill.....	16	53 M.	60-60-60	1.60-1.80-1.71
1888 Ill.....	209	3 M.	(a)	1.65-1.75-1.68
1888 Kans.....	242	1 M.	(a)	1.75-1.75-1.75
1888 La	16	2 M.	60-60-60	1.67-2.00-1.84
1888 Md.....	16	7 M.	60-60-60	1.25-1.50-1.43
1888 Md.....	190	5 M.	60-60-60	1.33-1.67-1.40
1888 Mass	16	5 M.	54-59-56	1.80-2.00-1.86
1888 Mass	190	4 M.	60-60-60	1.50-1.75-1.61
1888 Mich.....	280	16 M.	60-60-60	.96-1.73-1.60
1888 Minn	16	12 M.	60-60-60	1.50-1.50-1.50
1888 Mo.....	16	10 M.	50-60-54	1.43-1.80-1.56
1888 N. J	190	2 M.	60-60-60	1.85-1.85-1.85
1888 N. J	326	66 M.	*b* 60-60-60	1.38-2.25-1.58
1888 N. Y.....	6	1 M.	60-60-60	1.50-1.50-1.50
1888 N. Y.....	16	11 M.	60-60-60	1.85-2.00-1.88
1888 N. Y.....	190	50 M.	*c* 60-60-60	1.25-2.25-1.70
1888 N. Y.....	331	357 M.	*d*53-60-59	.93-3.50-1.58
1888 N. Y.....	331	12 M.	(a)	*e*.17½-.18½-.17½
1888 Ohio	5	1 M.	60-60-60	1.85-1.85-1.85
1888 Ohio	16	25 M.	60-60-60	1.40-1.67-1.45
1888 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1888 Ohio	370	16 M.	60-60-60	1.25-2.25-1.63
1888 Pa	5	3 M.	60-60-60	1.25-1.35-1.28
1888 Pa	16	68 M.	*f*60-60-60	1.10-1.75-1.48
1888 Pa	190	10 M.	60-60-60	1.30-1.40-1.34
1888 R. I	6	1 M.	(a)	1.25-1.25-1.25
1888 S. C	6	1 M.	(a)	.65- .65- .65
1888 Tenn.....	5	5 M.	*g* 60-60-60	1.00-1.15-1.06
1888 Va	5	4 M.	*h*66-72-68	1.00-1.30-1.15
1888 Va	16	14 M.	60-60-60	.90-1.17-1.07
1888 W. Va	5	1 M.	72-72-72	1.85-1.85-1.85
1888 Australia .	421	(a) M.	48-48-48	1.46-1.83- —
1888 Australia .	432	(a) M.	(a)	1.70-1.83- —
1888 Belgium ..	5	(a) M.	(a)	.54- .54- .54
1888 Belgium ..	16	(a) M.	(a)	.48- .60- —
1888 Canada ...	470	(a) M.	58-58-58	1.18-1.18-1.18
1888 C. of G'd H.	483	(a) (a)	(a)	.49-1.22- —
1888 England ..	5	(a) M.	*i*84-84-84	.53- .55- —
1888 England ..	16	(a) M.	54-54-54	.85-1.14- —
1888 France....	16	(a) M.	(a)	.97-1.01- —
1888 France....	17	(a) M.	(a)	.77- .81- —
1888 Germany .	5	(a) M.	72-72-72	.45- .45- .45
1888 Italy	5	(a) M.	(a)	.40- .40- .40
1888 Scotland ..	16	(a) M.	54-54-54	.79- .79- .79
1888 Spain	5	(a) M.	78-78-78	.55- .55- .55
1889 Ala	5	64 M.	*j* 48-84-61	1.00-1.75-1.26
1889 Cal.....	16	71 M.	54-60-56	1.94-2.50-2.09
1889 Conn	190	3 M.	60-60-60	1.25-1.75-1.58
1889 Del	5	4 M.	60-60-60	1.25-1.25-1.25
1889 Fla	8	2 M.	60-60-60	1.00-1.00-1.00
1889 Ga	5	2 M.	*h*84-84-84	1.00-1.50-1.25
1889 Ill.....	5	48 M.	*g* 60-72-60	.90-1.89-1.59
1889 Ill.....	16	54 M.	60-60-60	1.60-1.75-1.71
1889 Ill.....	209	5 M.	(a)	.90-2.00-1.46
1889 Ind	5	7 M.	*h*60-72-62	1.50-2.00-1.67
1889 Ind	6	1 M.	60-60-60	1.50-1.50-1.50
1889 Kans.....	243	181 M.	*k* 60-60-60	1.25-2.00-1.63
1889 La	16	2 M.	60-60-60	1.67-2.00-1.84
1889 Md.....	5	9 M.	60-60-60	1.50-1.56-1.53
1889 Md.....	16	8 M.	60-60-60	1.25-1.50-1.41
1889 Md.....	190	5 M.	60-60-60	1.33-1.67-1.40
1889 Mass	6	1 M.	(a)	1.64-1.64-1.64
1889 Mass	16	5 M.	54-59-56	1.80-2.00-1.88
1889 Mass	190	4 M.	60-60-60	1.50-1.75-1.61
1889 Mich.....	5	84 M.	60-60-60	1.25-1.85-1.60
1889 Minn	5	23 M.	60-60-60	1.58-1.70-1.68
1889 Minn	16	16 M.	60-60-60	1.50-1.50-1.50
1889 Mo.....	5	23 M.	*l* 72-72-72	.75-1.90-1.41
1889 Mo.....	16	10 M.	50-60-53	1.43-1.80-1.60
1889 N. H	6	1 M.	(a)	1.40-1.40-1.40
1889 N. J	6	1 M.	60-60-60	1.00-1.00-1.00
1889 N. J	190	1 M.	60-60-60	1.85-1.85-1.85
1889 N. Y.....	5	28 M.	*n* 60-72-62	.75-1.75-1.50
1889 N. Y.....	16	8 M.	60-60-60	1.85-1.95-1.88
1889 N. Y.....	190	45 M.	*o* 60-60-60	1.25-2.00-1.72
1889 Ohio	5	37 M.	*g* 40-84-60	.50-2.50-1.51
1889 Ohio	16	25 M.	60-60-60	1.40-1.60-1.45
1889 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Pa	5	64 M.	*l* 60-84-61	1.15-2.50-1.64
1889 Pa	16	79 M.	*o* 60-60-60	1.30-1.71-1.55
1889 Pa	190	10 M.	60-60-60	1.30-1.40-1.34
1889 Tenn.....	5	8 M.	*g* 60-84-70	1.00-1.25-1.08
1889 Va	5	11 M.	60-72-67	.65-1.25- .98
1889 Va	16	22 M.	60-60-60	.90-1.17-1.08
1889 W. Va	5	12 M.	*p*60-60-60	1.50-1.85-1.64
1889 Wis	5	3 M.	*f* 60-60-60	1.65-1.75-1.72
1889 Australia .	422	(a) (a)	48-48-48	1.46-2.07- —
1889 Australia .	432	(a) M.	(a)	1.70-1.83- —
1889 Belgium ..	5	(a) M.	*q* 60-84 —	.28- .56- —
1889 Belgium ..	16	(a) M.	(a)	.50- .55- —
1889 Canada ...	5	(a) M.	60-60-60	.50-1.50- —
1889 Canada ...	471	(a) M.	58-59 —	1.13-1.18- —
1889 Canada ...	481	(a) M.	(a)	1.75-1.75-1.75
1889 Denmark .	520	(a) (a)	(a)	.65- .65- .65
1889 England ..	5	(a) M.	*r* 54-60 —	.28- .98- —
1889 England ..	6	(a) M.	57-57-57	.65- .65- .65
1889 England ..	16	(a) M.	54-54-54	.81-1.14- —
1889 France	5	(a) M.	*s* 60-60-60	.60- .90- —
1889 France	6	(a) M.	(a)	.68- .68- .68
1889 France	16	(a) M.	(a)	.97-1.04- —
1889 France	17	(a) M.	(a)	.77- .83- —
1889 Germany ..	5	(a) M.	*t* 72-72-72	.25- .64- —
1889 Italy	5	(a) M.	(a)	.46- .53- —
1889 Italy	637	(a) M.	60-60-60	.26- .26- .26
1889 Portugal ..	691	(a) M.	66-66-66	.45- .45- .45
1889 Scotland ..	5	(a) M.	57-66 —	.77- .77- .77
1889 Scotland ..	16	(a) M.	54-54-54	.79- .79- .79
1890 Spain	5	(a) M.	72-78 —	.45- .60- —
1890 Ala	5	6 M.	*f* 60-60-60	1.00-1.50-1.29
1890 Cal.....	16	78 M.	48-60-51	1.72-2.50-1.94
1890 Conn.....	190	4 M.	60-60-60	1.50-1.75-1.63
1890 Fla.....	8	1 M.	60-60-60	1.00-1.00-1.00
1890 Ill.....	6	5 M.	60-60-60	1.50-2.00-1.80
1890 Ill.....	16	59 M.	60-60-60	1.60-1.75-1.71

a Not reported.
b Not including hours of 62 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 46 persons not reported.
e Per hour.
f Not including hours of 2 persons not reported.
g Not including hours of 3 persons not reported.
h Not including hours of 1 person not reported.
i Applies to but 1 of the 4 wage quotations.
j Not including hours of 28 persons not reported.
k Not including hours of 18 persons not reported.
l Not including hours of 22 persons not reported.
n Not including hours of 8 persons not reported.
o Not including hours of 4 persons not reported.
p Not including hours of 10 persons not reported.
q Applies to but 11 of the 17 wage quotations.
r Applies to but 14 of the 23 wage quotations.
s Applies to but 1 of the 8 wage quotations.
t Applies to but 1 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Ind	6	1 M.	(a)	1.50-1.50-1.50
1890 Kans	244	1 M.	(a)	1.75-1.75-1.75
1890 La	16	2 M.	60-60-60	1.67-2.00-1.84
1890 Md	6	4 M.	(a)	1.10-1.10-1.10
1890 Md	16	8 M.	60-60-60	1.25-1.50-1.44
1890 Md	190	5 M.	60-60-60	1.33-1.67-1.40
1890 Mass	16	6 M.	54-59-56	1.80-2.00-1.87
1890 Mass	190	4 M.	60-60-60	1.60-1.75-1.68
1890 Mich	5	2 M.	60-60-60	1.50-1.50-1.50
1890 Mich	282	28 M.	60-60-60	.61-1.75-1.19
1890 Minn	16	16 M.	60-60-60	1.50-1.50-1.50
1890 Minn	292	65 M.	(a)	1.00-1.85-1.55
1890 Mo	16	10 M.	50-60-54	1.43-1.80-1.56
1890 Nebr	313	1 M.	(a)	1.60-1.60-1.60
1890 N. J	190	2 M.	60-60-60	1.85-1.85-1.85
1890 N. Y	5	1 M.	60-60-60	1.00-1.00-1.00
1890 N. Y	6	2 M.	b 60-60-60	1.00-1.00-1.00
1890 N. Y	16	15 M.	60-60-60	1.85-1.85-1.85
1890 N. Y	190	54 M.	c 60-60-60	1.00-2.00-1.71
1890 N. Y	333	273 M.	(a)	.50-2.50-1.49
1890 N. C	8	1 M.	60-60-60	.50- .50- .50
1890 Ohio	5	1 M.	84-84-84	1.25-1.25-1.25
1890 Ohio	6	2 M.	60-60-60	1.00-1.50-1.25
1890 Ohio	16	25 M.	60-60-60	1.40-1.60-1.45
1890 Ohio	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Ohio	371	516 (a)	48-60-59	.50-2.00-1.51
1890 Pa	5	3 M.	b 80-84-72	1.50-1.60-1.53
1890 Pa	6	1 M.	60-60-60	1.67-1.67-1.67
1890 Pa	16	103 M.	d 60-60-60	1.30-1.80-1.55
1890 Pa	190	12 M.	60-60-60	1.30-1.40-1.34
1890 Va	16	19 M.	60-60-60	.90-1.25-1.10
1890 Wis	5	3 M.	60-60-60	1.70-1.75-1.73
1890 Australia	423	(a) (a)	48-48-48	1.46-2.07- —
1890 Belgium	6	(a) M.	66-66-66	.31- .33- —
1890 Belgium	16	(a) M.	(a)	.39- .55- —
1890 C.of G'd H.	484	(a) M.	(a)	.49-1.22- —
1890 C.of G'd H.	484	(a) (a)	(a)	e .12- .12- .12
1890 England	5	(a) M.	(a)	.43- .60- —
1890 England	16	(a) M.	54-54-54	.85-1.14- —
1890 England	180	(a) M.	(a)	.97- .97- .97
1890 France	16	(a) M.	(a)	.97-1.04- —
1890 France	17	(a) M.	(a)	.77- .81- —
1890 Germany	5	(a) M.	72-72-72	.62- .62- .62
1890 Germany	6	(a) M.	(a)	.56- .58- —
1890 Gr't Brit	632	(a) M.	54-54-54	.49-1.46- —
1890 Scotland	6	(a) M.	56-56-56	.49- .49- .49
1890 Scotland	16	(a) M.	54-54-54	.81- .81- .81
1891 Cal	16	85 M.	48-60-51	1.72-2.50-1.91
1891 Conn	190	4 M.	60-60-60	1.50-1.75-1.60
1891 Ill	16	71 M.	60-60-60	1.60-1.75-1.71
1891 La	16	6 M.	60-60-60	1.50-2.00-1.58
1891 Md	16	8 M.	60-60-60	1.00-1.50-1.27
1891 Md	190	5 M.	60-60-60	1.33-1.67-1.40
1891 Mass	16	7 M.	54-59-55	1.80-2.00-1.86
1891 Mass	190	3 M.	60-60-60	1.50-1.75-1.62
1891 Minn	16	16 M.	60-60-60	1.50-1.50-1.50
1891 Mo	16	12 M.	50-60-54	1.45-1.80-1.58
1891 N. J	190	1 M.	60-60-60	1.85-1.85-1.85
1891 N. Y	16	10 M.	60-60-60	1.50-1.85-1.83
1891 N. Y	190	51 M.	d 60-60-60	1.00-2.00-1.74
1891 N. Y	333	409 M.	(a)	.33-2.80-1.55
1891 Ohio	16	21 M.	60-60-60	1.40-1.60-1.46
1891 Ohio	190	1 M.	60-60-60	1.65-1.65-1.65
1891 Ohio	372	423 M.	48-72-59	.50-2.25-1.46
1891 Pa	16	95 M.	d 54-60-59	1.30-1.80-1.55
1891 Pa	190	13 M.	60-60-60	1.30-1.40-1.34
1891 Va	16	14 M.	60-60-60	.90-1.25-1.09
1891 Wis	411	1 M.	(a)	2.00-2.00-2.00
1891 Australia	134	(a) M.	(a)	1.53-1.53-1.53
1891 Belgium	16	(a) M.	(a)	.50- .58- —
1891 Belgium	457	(a) M.	f 60-72 —	.27- .58- —
1891 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25
1891 England	16	(a) M.	53-54 —	.85-1.14- —
1891 France	16	(a) M.	(a)	.97-1.04- —
1891 France	17	(a) M.	(a)	.77- .81- —
1891 France	505	(a) M.	54-70 —	.46-1.35- —
1891 Italy	638	(a) M.	60-66 —	.25- .52- —
1891 Scotland	16	(a) M.	54-54-54	.81- .81- .81
1891 Scotland	576	(a) M.	54-54-54	1.54-1.54-1.54
1891 Switzerl'd	595	(a) M.	(a)	.67- .67- .67
1892 Cal	16	97 M.	48-60-50	1.72-2.50-1.91
1892 Cal	196	2 M.	54-56-55	2.00-2.25-2.13
1892 Conn	20	8 M.	60-60-60	1.60-2.25-2.03
1892 Conn	190	4 M.	60-60-60	1.50-1.88-1.64
1892 Del	20	35 M.	60-60-60	.67-1.50-1.28
1892 Ill	16	75 M.	60-60-60	1.65-1.75-1.72
1892 Iowa	235	1 M.	60-60-60	1.75-1.75-1.75
1892 La	16	6 M.	60-60-60	1.50-2.00-1.58
1892 Md	16	8 M.	60-60-60	1.00-1.50-1.27
1892 Md	190	6 M.	60-60-60	1.30-1.75-1.40
1892 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1892 Mass	16	7 M.	54-59-55	1.80-2.00-1.86
1892 Mass	20	8 M.	60-60-60	1.40-1.50-1.45
1892 Mass	190	5 M.	58-60-59	1.25-1.55-1.35
1892 Minn	16	16 M.	60-60-60	1.50-1.50-1.50
1892 Mo	16	10 M.	50-60-54	1.50-1.80-1.60
1892 N. J	190	2 M.	60-60-60	1.75-1.75-1.75
1892 N. Y	16	7 M.	60-60-60	1.40-1.85-1.78
1892 N. Y	20	18 M.	h 60-60-60	1.50-2.00-1.70
1892 N. Y	190	44 M.	60-60-60	1.40-2.00-1.76
1892 Ohio	16	23 M.	60-60-60	1.40-1.67-1.46
1892 Ohio	20	2 M.	60-60-60	1.50-1.50-1.50
1892 Ohio	190	2 (a)	60-60-60	1.50-1.75-1.63
1892 Ohio	373	48 M.	54-60-59	1.25-2.00-1.62
1892 Pa	16	96 M.	d 54-60-59	1.33-1.71-1.55
1892 Pa	20	23 M.	60-60-60	1.32-1.50-1.40
1892 Pa	190	30 M.	60-60-60	1.00-1.60-1.37
1892 Va	16	22 M.	60-60-60	.90-1.25-1.12
1892 Australia	424	(a) M.	i 48-48-48	.20-2.23- —
1892 Belgium	16	(a) M.	(a)	.50- .58- —
1892 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25
1892 C.of G'd H.	486	(a) M.	(a)	.37 1.22- —
1892 England	16	(a) M.	53-54 —	.85-1.14- —
1892 England	111	(a) M.	j 54-54-54	.81- .97- —
1892 England	577	(a) M.	53-53-53	.89- .89- .89
1892 England	632	(a) M.	k 53-53-53	.83-1.05- —
1892 France	16	(a) M.	(a)	.97-1.04- —
1892 France	17	(a) M.	(a)	.77- .81- —
1892 France	505	(a) M.	60-84 —	37-1.35- —
1892 France	505	(a) M.	72-72-72	l .77- .92- —
1892 France	505	(a) M.	77-77-77	m .72- .72- .72
1892 France	505	(a) M.	81-81-81	n .72- .82- —
1892 Scotland	16	(a) M.	54-54-54	.85- .85- .85
1893 Cal	16	85 M.	48-60-51	1.72-2.50-1.91
1893 Conn	20	10 M.	60-60-60	1.35-2.25-1.99
1893 Del	20	39 M.	60-60-60	.67-1.67-1.32
1893 Fla	8	4 M.	60-60-60	1.00-1.00-1.00
1893 Ill	10	2 M.	60-60-60	1.83-3.00-2.42
1893 Ill	16	39 M.	60-60-60	1.65-1.75-1.74
1893 La	16	6 M.	60-60-60	1.50-2.00-1.58

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 2 persons not reported.
e Per hour.
f Applies to but 15 of the 21 wage quotations.
g Average for 1888–91.
h Not including hours of 14 persons not reported.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 2 of the 3 wage quotations.
l And lodging.
m And fuel.
n And premiums.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Md.	16	8 M.	60-60-60	1.00-1.50-1.27
1893 Mass.	16	7 M.	54-59-55	1.80-2.07-1.88
1893 Mass.	20	14 M.	60-60-60	1.25-1.50-1.38
1893 Mich.	285	25 M.	57-60-60	1.23-1.75-1.45
1893 Minn.	16	13 M.	60-60-60	1.50-1.50-1.50
1893 Mo.	16	9 M.	50-60-53	1.50-1.80-1.61
1893 Mo.	302	1 M.	(a)	1.50-1.50-1.50
1893 Mo.	303	7 M.	(a)	.75-1.78-1.18
1893 Mont.	307	22 M.	b42-63-52	2.00-3.00-2.42
1893 N. J.	8	1 M.	60-60-60	1.25-1.25-1.25
1893 N. Y.	10	1 M.	59-59-59	2.00-2.00-2.00
1893 N. Y.	16	9 M.	60-60-60	1.75-1.85-1.84
1893 N. Y.	20	18 M.	c60-60-60	1.50-2.00-1.70
1893 Ohio	16	20 M.	60-60-60	1.40-1.67-1.47
1893 Ohio	20	2 M.	60-60-60	1.50-1.50-1.50
1893 Ohio	374	399 M.	d48-60-56	.75-2.00-1.39
1893 Pa.	10	1 M.	60-60-60	1.33-1.33-1.33
1893 Pa.	16	124 M.	e54-60-59	1.33-1.71-1.57
1893 Pa.	20	19 M.	60-60-60	1.32-1.50-1.40
1893 Va.	16	15 M.	60-60-60	.90-1.25-1.12
1893 Wis.	412	3 M.	(a)	2.00-2.25-2.17
1893 Belgium	16	(a) M.	(a)	.50- .54- —
1893 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25
1893 England	16	(a) M.	53-54 —	.85-1.22- —
1893 France	16	(a) M.	(a)	.97-1.04- —
1893 France	17	(a) M.	(a)	.77- .81- —
1893 France	507	(a) (a)	60-72 —	.58- .77- —
1893 Ireland	583	(a) M.	(a)	1.05-1.22- —
1893 N. Zealand	668	(a) M.	(a)	.85-1.95- —
1893 Scotland	16	(a) M.	54-54-54	.81- .81- .81
1894 Cal.	16	86 M.	48-60-51	1.72-2.50-1.92
1894 Conn.	20	8 M.	60-60-60	1.70-1.85-1.78
1894 Del.	20	12 M.	60-60-60	1.25-1.50-1.30
1894 Fla.	8	1 M.	54-54-54	1.00-1.00-1.00
1894 Ill.	8	1 M.	60-60-60	1.75-1.75-1.75
1894 Ill.	16	19 M.	60-60-60	1.60-1.75-1.67
1894 Ind.	228	1 M.	60-60-60	2.50-2.50-2.50
1894 Iowa	236	12 M.	48-60-52	1.15-1.75-1.38
1894 La.	16	6 M.	60-60-60	1.50-2.00-1.58
1894 Md.	16	8 M.	60-60-60	1.00-1.50-1.25
1894 Mass.	8	1 M.	54-54-54	3.29-3.29-3.29
1894 Mass.	16	6 M.	54-59-56	1.80-1.87-1.82
1894 Mass.	20	7 M.	60-60-60	1.30-1.50-1.33
1894 Minn.	16	10 M.	60-60-60	1.50-1.50-1.50
1894 Mo.	16	9 M.	50-60-53	1.50-1.80-1.64
1894 Mont.	308	1 M.	(a)	2.76-2.76-2.76
1894 N. H.	8	1 M.	53-53-53	1.75-1.75-1.75
1894 N. Y.	8	5 M.	60-60-60	1.25-1.50-1.40
1894 N. Y.	16	7 M.	60-60-60	1.50-1.85-1.78
1894 N. Y.	20	18 M.	c60-60-60	1.50-2.00-1.70
1894 N. C.	8	5 M.	60-60-60	.50- .75- .60
1894 Ohio	16	16 M.	60-60-60	1.28-1.45-1.37
1894 Ohio	20	2 M.	60-60-60	1.50-1.75-1.63
1894 Ohio	375	216 M.	f24-66-58	.50-2.00-1.39
1894 Pa.	16	75 M.	f54-60-59	1.00-1.70-1.40
1894 Pa.	20	10 M.	60-60-60	1.00-2.08-1.35
1894 Va.	16	19 M.	60-60-60	.90-1.17-1.08
1894 W. Va.	406	2 M.	48-48-48	.92-1.10-1.01
1894 Australia	425	(a) (a)	(a)	1.01-1.99- —
1894 Belgium	16	(a) M.	(a)	.46- .54- —
1894 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25
1894 C. of G'd H.	487	(a) M.	g48-60 —	.45-1.10- —
1894 England	16	(a) M.	53-54 —	.85-1.22- —
1894 England	590	(a) M.	(a)	.69- .85- —
1894 France	16	(a) M.	(a)	.97-1.10- —
1894 France	17	(a) M.	(a)	.77- .81- —
1894 France	129	(a) M.	60-60-60	.58-1.30- —
1894 Ireland	590	(a) M.	(a)	0.69-0.85- —
1894 N. Zealand	669	(a) M.	(a)	1.52-1.66- —
1894 Scotland	16	(a) M.	54-54-54	.85- .85- .85
1895 Cal.	16	82 M.	48-60-51	1.72-2.50-1.93
1895 Conn.	8	1 M.	60-60-60	1.75-1.75-1.75
1895 Conn.	20	4 M.	60-60-60	1.70-1.80-1.78
1895 Del.	20	24 M.	60-60-60	1.17-1.50-1.27
1895 Fla.	8	9 M.	60-60-60	.83-1.25-1.09
1895 Ga.	8	1 M.	48-48-48	1.50-1.50-1.50
1895 Ill.	8	1 M.	54-54-54	2.50-2.50-2.50
1895 Ill.	16	50 M.	60-60-60	1.60-1.80-1.71
1895 La.	16	6 M.	60-60-60	1.50-2.00-1.58
1895 Me.	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Md.	16	9 M.	60-60-60	1.00-1.50-1.29
1895 Mass.	7	3 M.	58-60-59	1.50-1.75-1.58
1895 Mass.	8	1 M.	54-54-54	2.17-2.17-2.17
1895 Mass.	16	7 M.	54-59-55	1.80-1.87-1.82
1895 Mass.	20	7 M.	60-60-60	1.30-1.50-1.39
1895 Minn.	16	9 M.	60-60-60	1.50-1.50-1.50
1895 Mo.	16	9 M.	50-60-53	1.50-1.80-1.61
1895 Mont.	309	2 M.	(a)	2.45-2.45-2.45
1895 N. H.	7	1 M.	60-60-60	1.30-1.30-1.30
1895 N. Y.	8	15 M.	60-60-60	.50-2.00-1.43
1895 N. Y.	16	5 M.	60-60-60	1.65-1.90-1.70
1895 N. Y.	20	18 M.	c60-60-60	1.50-2.00-1.70
1895 N. C.	8	6 M.	60-60-60	.40- .50- .48
1895 Ohio	16	14 M.	60-60-60	1.28-1.55-1.40
1895 Ohio	20	2 M.	60-60-60	1.50-1.60-1.55
1895 Ohio	376	369 M.	h48-72-60	.50-2.75-1.47
1895 Pa.	7	1 M.	60-60-60	1.25-1.25-1.25
1895 Pa.	8	10 M.	54-60-59	1.35-1.75-1.56
1895 Pa.	16	89 M.	e54-60-59	1.00-1.67-1.37
1895 Pa.	20	15 M.	60-60-60	1.00-1.20-1.14
1895 S. C.	8	4 M.	60-60-60	1.10-1.50-1.30
1895 Va.	16	12 M.	60-60-60	.90-1.17-1.04
1895 Australia	426	(a) (a)	i48-48-48	1.01-1.99 —
1895 Belgium	16	(a) M.	(a)	.50- .54 —
1895 Canada	187	(a) M.	60-60-60	1.00-1.35 —
1895 Canada	191	(a) M.	60-60-60	1.25-1.25-1.25
1895 England	16	(a) M.	53-54 —	.85-1.22 —
1895 France	16	(a) M.	(a)	.97-1.10 —
1895 France	17	(a) M.	(a)	.77- .81 —
1895 N. Zealand	677	(a) (a)	60-60-60	.59-1.32 —
1895 Norway	670	(a) M.	(a)	1.10-1.73 —
1895 Scotland	690	(a) M.	(a)	.54- .54- .54
1896 Cal.	16	(a) M.	54-54-54	.85- .85- .85
1896 Conn.	16	80 M.	48-60-51	1.72-2.50-1.94
1896 Conn.	7	1 M.	60-60-60	2.00-2.00-2.00
1896 Conn.	8	2 M.	60-60-60	1.50-1.50-1.50
1896 Ill.	8	1 M.	60-60-60	1.75-1.75-1.75
1896 Ill.	16	60 M.	60-60-60	1.60-1.80-1.70
1896 La.	16	6 M.	60-60-60	1.50-2.00-1.58
1896 Md.	14	59 M.	60-60-60	1.30-2.00-1.49
1896 Md.	16	7 M.	60-60-60	1.25-1.50-1.36
1896 Mass.	8	3 M.	54-60-58	1.50-1.75-1.67
1896 Mass.	14	31 M.	56-60-57	1.49-1.83-1.65
1896 Mass.	16	6 M.	54-59-56	1.80-1.87-1.82
1896 Mich.	7	1 M.	60-60-60	1.00-1.00-1.00
1896 Minn.	8	1 M.	60-60-60	1.63-1.63-1.63
1896 Minn.	16	9 M.	60-60-60	1.50-1.50-1.50
1896 Minn.	191	1 M.	60-60-60	1.62-1.62-1.62
1896 Mo.	16	10 M.	50-60-53	1.50-1.80-1.67
1896 Mont.	310	2 M.	(a)	2.39-2.39-2.39
1896 Nebr.	314	44 M.	48-60-49	1.25-2.25-2.01
1896 N. Y.	7	1 M.	59-59-59	1.58-1.58-1.58
1896 N. Y.	8	12 M.	60-60-60	1.50-2.50-1.63
1896 N. Y.	14	102 M.	48-60-52	1.60-2.50-2.03

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 14 persons not reported.
d Not including hours of 5 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 3 persons not reported.
g Applies to but 6 of the 7 wage quotations.
h Not including hours of 19 persons not reported.
i Applies to but 1 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLACKSMITHS' HELPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 N. Y	16	3 M.	60-60-60	1.65-1.65-1.65	1897 Scotland	587	(b) M.	(b)	e0.15-0.15-0.15
1896 Ohio	16	22 M.	60-60-60	1.28-1.55-1.38	1897 Wales	593	(b) (b)	(b)	.97- .99- —
1896 Ohio	377	323 M.	48-60-59	1.12-1.85-1.47	1898 Cal	16	92 M.	48-60-51	1.60-2.50-1.93
1896 Pa	7	5 M.	57-60-59	1.00-1.42-1.25	1898 Ill	16	67 M.	60-60-60	1.60-1.80-1.71
1896 Pa	8	2 M.	60-60-60	1.75-1.75-1.75	1898 Kans	252	53 M.	f54-54-54	1.50-1.74-1.65
1896 Pa	14	63 M.	54-60-59	1.40-1.75-1.54	1898 La	16	6 M.	60-60-60	1.50-2.00-1.58
1896 Pa	16	103 M.	a54-60-59	1.05-1.67-1.40	1898 Md	16	7 M.	60-60-60	1.25-1.50-1.36
1896 Pa	394	16 M.	60-60-60	1.24-1.96-1.30	1898 Mass	16	5 M.	54-59-56	1.80-1.87-1.83
1896 Va	16	11 M.	60-60-60	.90-1.17-1.03	1898 Mich	290	102 M.	(b)	1.25-1.50-1.37
1896 Australia	427	(b) (b)	(b)	.81-1.99- —	1898 Minn	16	9 M.	60-60-60	1.50-1.50-1.50
1896 Aust-Hun	436	(b) (b)	60-60-60	.43- .53- —	1898 Mo	16	10 M.	50-60-53	1.50-1.80-1.63
1896 Belgium	16	(b) M.	(b)	.52- .54- —	1898 Nebr	314	46 (b)	48-60-49	1.13-2.25-1.96
1896 Canada	191	(b) M.	60-60-60	1.25-1.25-1.25	1898 N. Y	16	7 M.	60-60-60	1.80-1.80-1.80
1896 England	16	(b) M.	53-54 —	.93-1.22- —	1898 N. Y	338	137 M.	60-60-60	1.50-2.50-1.95
1896 England	592	(b) M.	(b)	.73- .97- —	1898 Ohio	16	20 M.	60-60-60	1.28-1.55-1.37
1896 France	16	(b) M.	(b)	.97-1.10- —	1898 Ohio	18	12 M.	(b)	1.10-1.60-1.26
1896 France	17	(b) M.	(b)	.77- .81- —	1898 Pa	16	131 M.	g54-60-59	1.05-1.67-1.41
1896 France	510	(b) (b)	66-72 —	.58- .87- —	1898 Pa	18	15 M.	(b)	1.15-1.70-1.42
1896 N. Zealand	671	(b) M.	(b)	1.10-2.19- —	1898 Va	16	21 M.	60-60-60	.90-1.25-1.06
1896 Scotland	16	(b) M.	54-54-54	.85- .85- .85	1898 Australia	419	(b) (b)	(b)	.81-1.83- —
1896 Scotland	592	(b) M.	(b)	.85- .86- —	1898 Australia	429	(b) (b)	(b)	.41-1.83- —
1897 Cal	16	87 M.	48-60-51	1.72-2.50-1.94	1898 Aust-Hun	438	(b) M.	66-72 —	.47- .81- —
1897 Ill	16	70 M.	60-60-60	1.60-1.80-1.71	1898 Aust-Hun	438	(b) M.	72-72-72	h.27- .41- —
1897 La	16	6 M.	60-60-60	1.50-2.00-1.58	1898 England	594	(b) (b)	57-60 —	1.14-1.34- —
1897 Md	16	7 M.	60-60-60	1.25-1.50-1.36	1898 France	512	(b) M.	57-72 —	.77- .87- —
1897 Mass	8	1 M.	60-60-60	1.10-1.10-1.10	1898 N. Zealand	673	(b) M.	(b)	1.28-1.70- —
1897 Mass	16	5 M.	54-59-56	1.80-1.87-1.83	1899 Ala	18	12 M.	60-60-60	1.20-1.58-1.35
1897 Minn	16	9 M.	60-60-60	1.50-1.50-1.50	1899 Ga	18	7 M.	60-60-60	.83-1.33-1.07
1897 Mo	16	10 M.	50-60-53	1.50-1.80-1.62	1899 Mass	18	26 M.	51-54-53	1.67-2.25-1.72
1897 Mont	311	2 (b)	(b)	2.49-2.49-2.49	1899 N. Y	18	6 M.	54-60-57	1.35-1.50-1.39
1897 N. Y	16	3 M.	60-60-60	1.65-1.65-1.65	1899 N. C	18	2 M.	60-60-60	.75- .75- .75
1897 N. Y	337	80 M.	(b)	1.80-2.50-2.09	1899 Ohio	18	29 M.	i60-60-60	1.15-1.80-1.54
1897 Ohio	16	21 M.	60-60-60	1.28-1.45-1.37	1899 Pa	18	20 M.	(b)	1.25-1.95-1.58
1897 Ohio	377	87 (b)	c60-72-60	1.15-1.80-1.42	1899 England	588	(b) (b)	(b)	1.05-1.09- —
1897 Pa	16	91 M.	a54-60-59	1.00-1.67-1.44	1899 N. Zealand	674	(b) M.	(b)	1.10-1.95- —
1897 Pa	395	8 M.	(b)	1.41-1.43-1.42	1900 Ala	18	7 M.	60-60-60	1.58-1.58-1.58
1897 Va	16	10 M.	60-60-60	.90-1.25-1.05	1900 Ga	18	7 M.	60-60-60	.83-1.33-1.07
1897 Australia	418	(b) (b)	(b)	.61-1.46- —	1900 Mass	18	30 M.	51-54-54	1.67-2.25-1.71
1897 Australia	428	(b) (b)	(b)	.41-1.99- —	1900 N. Y	18	9 M.	54-60-58	1.35-1.50-1.39
1897 England	593	(b) (b)	d56-57 —	.61-1.32- —	1900 N. C	18	3 M.	60-60-60	.85- .85- .85
1897 France	511	(b) M.	60-60-60	.75-1.16- —	1900 Ohio	18	30 M.	60-60-60	1.40-2.00-1.67
1897 N. Zealand	672	(b) M.	(b)	1.16-1.70- —					

BLANCHERS, CANNED GOODS.

1875 Cal	8	4 M.	60-60-60	2.00-2.00-2.00	1895 Md	8	4 M.	60-90-75	1.50-2.00-1.75
1894 N. Y	8	2 M.	60-60-60	1.50-1.50-1.50	1896 Cal	8	4 M.	60-60-60	1.50-1.50-1.50

BLANKET MAKERS.

1871 Aust-Hun	611	(b) (b)	(b)	.24- .24- .24	1887 Ohio	3	2 F.	59-59-59	.67- .83- .75
1873 N. H	7	1 M.	66-66-66	1.02-1.02-1.02	1887 Ohio	369	46 F.	60-60-60	.90- .90- .90
1873 N. H	7	8 F.	66-66-66	.98-1.61-1.18	1895 N. H	7	5 F.	60-60-60	.97-1.21-1.07

a Not including hours of 2 persons not reported.
b Not reported.
c Not including hours of 4 persons not reported.
d Applies to but 2 of the 10 wage quotations.
e Per hour.
f Not including hours of 48 persons not reported.
g Not including hours of 3 persons not reported.
h And found.
i Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLASTERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 Sweden	167	(a) M.	72-72-72	1.01-1.01-1.01	1889 Minn	5	4 M.	60-60-60	2.25-2.25-2.25
1876 Pa	381	11 M.	(a)	1.50-1.70-1.55	1889 Pa	5	18 M.	(a)	1.40-2.00-1.89
1877 Pa	382	11 M.	60-60-60	1.50-1.56-1.53	1889 Canada	5	(a) M.	48-60 —	1.40-1.50- —
1883 N. J	322	62 M.	48-48-48	1.25-1.50-1.49	1889 England	5	(a) M.	56-56-56	1.34-1.34-1.34
1884 N. J	323	1 M.	48-48-48	1.25-1.25-1.25	1890 N. Y	333	2 M.	(a)	2.00-2.00-2.00
1884 Italy	178	(a) M.	66-66-66	.58- .77- —	1891 N. Y	333	2 M.	(a)	2.00-2.00-2.00
1884 Spain	178	(a) M.	54-54-54	.40- .45- —	1891 Br. India	620	(a) M.	48-54 —	.06- .26- —
1884 Switzerl'd	178	(a) M.	(a)	.50- .75- —	1892 Fla	9	1 M.	55-55-55	1.25-1.25-1.25
1886 Gr't Brit	602	(a) M.	(a)	.81-1.07- —	1893 Ill	215	281 M.	(a)	2.00-2.25-2.10
1888 Mich	280	4 M.	60-72-63	1.74-2.30-2.11	1893 Mo	302	13 M.	(a)	1.06-3.00-2.43
1889 Ill	5	9 M.	60-60-60	2.13-2.25-2.21	1895 Ill	216	113 M.	(a)	1.50-2.25-2.04
1889 Ill	209	9 M.	(a)	2.15-2.33-2.24	1897 Me	8	1 M.	60-60-60	3.00-3.00-3.00
1889 Ind	5	39 M.	b 60-60-60	1.88-2.40-2.22					

BLEACHERS' HELPERS, PAPER.

1890 N. Y	333	1 M.	(a)	1.50-1.50-1.50	1891 N. Y	333	3 M.	(a)	1.50-1.67-1.56

BLEACHERS' HELPERS, STRAW GOODS.

1886 Md	7	2 M.	60-60-60	.50-1.00- .75	1896 Md	7	6 M.	60-60-60	.75-1.33- .93

BLEACHERS' HELPERS, TEXTILES.

1871 Mass	267	6 (a)	(a)	.87- .87- .87	1890 N. Y	333	1 M.	(a)	1.67-1.67-1.67
1876 Pa	382	26 M.	(a)	.50-1.50- .72	1891 N. Y	333	19 M.	(a)	1.18-1.67-1.20
1878 Pa	383	32 M.	60-60-60	.50-1.25- .66	1895 Pa	7	9 M.	60-60-60	.54- .54- .54
1884 Aust-Hun	178	(a) (a)	66-66-66	.47- .47- .47	1896 Pa	7	22 M.	60-60-60	.50- .75- .54
1885 Pa	7	25 M.	60-60-60	.54- .75- .59					

BLEACHERS, PAPER.

1840 Scotland	563	(a) (a)	60-60-60	.53- .53- .53	1884 Canada	466	(a) M.	59-59-59	.86- .96- —
1841 Scotland	564	(a) M.	60-60-60	.41- .45- —	1884 Turk. in A.	178	(a) (a)	77-77-77	.20- .42- —
1850 Scotland	563	(a) (a)	60-60-60	.53- .53- .53	1885 Me	1	8 M.	72-72-72	1.50-1.75-1.56
1857 Ireland	563	(a) (a)	72-72-72	.49- .49- .49	1885 Me	7	15 M.	(a)	1.25-2.00-1.64
(c) Scotland	561	(a) (a)	(a)	.57- .57- .57	1885 Mass	1	8 M.	72-72-72	1.64-1.64-1.64
(d) Ireland	562	(a) M.	(a)	.49- .49- .49	1885 Wis	7	1 M.	72-72-72	1.50-1.50-1.50
1860 Ireland	563	(a) (a)	72-72-72	.49- .49- .49	1885 Canada	467	(a) M.	60-60-60	1.17-1.17-1.17
1860 Scotland	563	(a) (a)	60-60-60	.61- .61- .61	1886 Canada	468	(a) M.	60-60-60	1.25-1.25-1.25
1861 Scotland	564	(a) M.	60-60-60	.57- .61- —	1887 Wis	409	4 (a)	(a)	1.38-1.38-1.38
1863 Scotland	565	(a) (a)	(a)	.57- .61- —	1888 N. Y	331	6 M.	60-60-60	1.50-1.63-1.58
1866 Scotland	566	(a) M.	(a)	.65- .81- —	1889 Canada	471	(a) M.	60-60-60	1.14-1.14-1.14
1869 N. H	7	5 M.	(a)	1.50-1.50-1.50	1890 N. Y	333	60 M.	(a)	1.00-5.33-1.38
1870 Norway	610	(a) M.	(a)	.43- .43- .43	1890 Netherl'ds	666	(a) M.	84-84-84	.50- .50- .50
1871 Mass	267	1 (a)	59-59-59	1.63-1.63-1.63	1891 Me	257	5 M.	60-60-60	1.50-1.75-1.56
1871 England	629	(a) (a)	(a)	.73- .73- .73	1891 N. Y	333	62 M.	(a)	1.00-5.33-1.41
1871 Norway	185	(a) (a)	(a)	.43- .43- .43	1892 France	505	(a) M.	84-84-84	.43- .43- .43
1872 Germany	185	(a) (a)	84-84-84	.48- .48- .48	1893 Ohio	374	21 M.	60-60-60	1.25-1.50-1.36
1876 N. H	7	1 M.	66-66-66	1.35-1.35-1.35	1894 Ohio	375	1 M.	60-60-60	2.00-2.00-2.00
1876 Pa	381	2 M.	(a)	1.22-1.22-1.22	1895 Me	7	19 M.	60-60-60	1.50-1.75-1.66
1881 Ohio	363	23 M.	48-60-59	1.25-1.50-1.31	1895 N. H	7	5 M.	60-66-62	1.25-1.50-1.40
1882 Ohio	364	133 M.	e 54-72-65	1.00-1.66-1.38	1896 Ohio	377	12 M.	65-65-65	1.35-1.35-1.35
1884 Mich	278	7 M.	(a)	1.25-1.65-1.51	1896 Wis	7	3 M.	72-72-72	1.50-1.50-1.50

a Not reported.
b Not including hours of 10 persons not reported.
c Average for 1855–57.
d Average for 1856–58.
e Not including hours of 23 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLEACHERS, STRAW GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Mass	270	4	M.	(a)	3.87-3.87-3.87
1875 Italy	169	(a)	M.	(a)	.39- .54- —
1881 N. Y.	8	5	M.	54-60-56	.75-1.67- .95
1884 Pa	7	3	M.	(a)	1.50-1.50-1.50
1884 Italy	178	(a)	M.	(a)	.30- .40- —
1885 N. Y.	7	1	M.	60-60-60	1.25-1.25-1.25
1885 Wis	7	9	M.	60-60-60	1.83-1.83-1.83
1886 Md.	7	1	M.	60-60-60	2.00-2.00-2.00
1888 N. Y.	331	3	M.	58-59-59	2.50-3.00-2.67
1894 Ga	8	7	M.	60-60-60	0.40-0.65-0.51
1894 N. C.	8	1	M.	60-60-60	.35- .35- .35
1895 N. Y.	8	4	M.	60-60-60	.50-1.50-1.16
1895 N. C.	8	1	M.	60-60-60	.40- .40- .40
1895 Va	7	2	M.	60-60-60	1.25-1.25-1.25
1896 Md.	7	1	M.	60-60-60	2.50-2.50-2.50
1896 Pa	7	4	M.	(a)	1.50-1.50-1.50
1896 Wis	7	20	M.	60-60-60	1.96-1.96-1.96

BLEACHERS, TEXTILES.

1839 England	562	(a)	M.	61-61-61	.85- .85- .85
1849 England	562	(a)	M.	61-61-61	.73- .73- .73
1850 England	45	(a)	F.	(a)	.28- .28- .28
1852 Belgium	456	(a)	(a)	78-78-78	.24- .24- .24
1856 Belgium	456	(a)	(a)	78-78-78	.26- .26- .26
1859 England	562	(a)	M.	61-61-61	.73- .73- .73
1860 England	45	(a)	F.	(a)	.32- .32- .32
1860 Germany	185	(a)	M.	(a)	.38- .38- .38
1860 Germany	185	(a)	F.	(a)	.20- .20- .20
1860 Russia	609	(a)	M.	(a)	.24- .24- .24
1861 England	564	(a)	M.	60-60-60	.28- .81- —
1861 England	564	(a)	F.	60-60-60	.28- .41- —
1863 Scotland	565	(a)	(a)	(a)	.49- .81- —
1864 Germany	185	(a)	M.	(a)	.42- .42- .42
1864 Germany	185	(a)	F.	(a)	.24- .24- .24
1865 Germany	177	(a)	M.	66-66-66	.44- .44- .44
1865 Germany	185	(a)	M.	(a)	.42- .42- .42
1865 Germany	185	(a)	F.	(a)	.24- .24- .24
1866 England	566	(a)	M.	(a)	1.22-1.22-1.22
1866 Germany	177	(a)	M.	66-66-66	.48- .48- .48
1866 Germany	185	(a)	F.	(a)	.24- .24- .24
1866 Scotland	566	(a)	M.	60-60-60	.30-1.82- —
1866 Scotland	566	(a)	F.	60-60-60	.24- .37- —
1867 Germany	185	(a)	M.	(a)	.54- .54- .54
1867 Germany	185	(a)	F.	(a)	.24- .24- .24
1868 Germany	177	(a)	M.	66-66-66	.54- .54- .54
1868 Germany	185	(a)	M.	(a)	.18- .48- —
1868 Germany	185	(a)	F.	(a)	.15- .24- —
1869 Germany	177	(a)	M.	66-66-66	.54- .54- .54
1869 Russia	185	(a)	M.	(a)	.20- .20- .20
1870 England	45	(a)	F.	(a)	.49- .49- .49
1870 Germany	177	(a)	M.	66-66-66	.60- .60- .60
1870 Turk. in A.	610	(a)	M.	(a)	.23- .23- .23
1871 England	629	(a)	M.	b60-60-60	.65-1.30- —
1871 France	611	(a)	(a)	69-69-69	.58- .58- .58
1871 Germany	177	(a)	M.	66-66-66	.65- .65- .65
1871 Germany	185	(a)	M.	(a)	.09- .60- —
1871 Ireland	568	(a)	M.	60-60-60	.73- .73- .73
1871 Ireland	568	(a)	F.	60-60-60	.28- .28- .28
1871 Italy	610	(a)	(a)	(a)	.17- .48- —
1871 Scotland	568	(a)	M.	c60-60-60	.61- .73- —
1871 Scotland	568	(a)	F.	60-60-60	.24- .37- —
1871 Scotland	629	(a)	F.	60-60-60	.32- .32- .32
1871 Scotland	629	(a)	(a)	60-60-60	.57- .81- —
1872 Germany	177	(a)	M.	66-66-66	.71- .71- .71
1872 Germany	185	(a)	F.	b72-72-72	.21- .36- —
1872 Russia	612	(a)	M.	69-69-69	.29- .29- .29
1873 Germany	177	(a)	M.	c66-66-66	.60- .75- —
1873 Germany	177	(a)	F.	(a)	.36- .36- .36
1874 England	569	(a)	M.	59-59-59	.39- .97- —
1874 Germany	177	(a)	M.	c66-66-66	.54- .77- —
1874 Germany	177	(a)	F.	(a)	.32- .32- .32
1874 Scotland	177	(a)	M.	51-51-51	.67- .75- —
1874 Scotland	177	(a)	F.	51-51-51	.38- .42- —
1874 Scotland	569	(a)	M.	d60-60-60	.61-1.22- —
1874 Scotland	569	(a)	F.	d60-60-60	.37- .61- —
1875 Germany	177	(a)	M.	c66-66-66	.48- .77- —
1875 Germany	177	(a)	F.	(a)	.28- .28- .28
1875 Scotland	177	(a)	M.	51-51-51	.67- .75- —
1875 Scotland	177	(a)	F.	51-51-51	.38- .42- —
1876 Germany	177	(a)	M.	(a)	.40- .40- .40
1876 Germany	177	(a)	F.	(a)	.24- .24- .24
1876 Scotland	177	(a)	M.	51-51-51	.67- .75- —
1876 Scotland	177	(a)	F.	51-51-51	.38- .42- —
1877 N. J	317	3	(a)	59-59-59	2.16-3.00-2.44
1877 England	45	(a)	F.	(a)	.53- .53- .53
1877 England	570	(a)	M.	40-40-40	.35- .81- —
1877 Germany	177	(a)	M.	(a)	.36- .36- .36
1877 Germany	177	(a)	F.	(a)	.24- .24- .24
1877 Ireland	570	(a)	M.	54-60 —	.32- .85- —
1877 Scotland	177	(a)	M.	51-51-51	.67- .79- —
1877 Scotland	177	(a)	F.	51-51-51	.38- .50- —
1878 Germany	177	(a)	M.	(a)	.36- .36- .36
1878 Germany	177	(a)	F.	(a)	.24- .24- .24
1878 Scotland	177	(a)	M.	51-51-51	.67- .79- —
1878 Scotland	177	(a)	F.	51-57 —	.38- .51- —
1880 Scotland	571	(a)	M.	56-56-56	.30-1.30- —
1880 Scotland	571	(a)	F.	56-56-56	.34- .34- .34
1881 N. H	7	26	M.	65-65-65	.50-1.42- .83
1882 N. H	7	3	M.	66-66-66	1.25-1.30-1.27
1882 N. J	321	3	M.	60-60-60	1.33-1.33-1.33
1883 Mass	273	59	M.	(a)	1.00-2.50-1.48
1883 Mass	273	15	(a)	(a)	.70- .90- .74
1883 N. J	322	11	M.	e60-60-60	1.33-1.33-1.33
1883 England	45	(a)	F.	(a)	.38- .38- .38
1883 England	572	(a)	M.	f58-58-58	.22-1.05- —
1883 Gr't Brit	273	(a)	M.	(a)	1.01-1.62- —
1883 Gr't Brit	273	(a)	F.	(a)	.41- .49- —
1883 Gr't Brit	273	(a)	(a)	(a)	.65- .73- —
1883 Ireland	43	(a)	(a)	(a)	1.82-1.82-1.82
1883 Ireland	572	(a)	M.	60-60-60	.97- .97- .97
1884 N. J	323	19	M.	60-60-60	1.25-1.67-1.32
1884 Aust-Hun	178	(a)	M.	66-69 —	.53- .67- —
1884 Belgium	178	(a)	M.	60-60-60	.19- .57- —
1884 Br. India	459	(a)	(a)	(a)	.07½-.07½-.07½
1884 Germany	178	(a)	M.	g72-72-72	.32-1.19- —
1884 Spain	178	(a)	M.	66-66-66	.50- .67- —
1884 Switzerl'd.	178	(a)	M.	65-65-65	.48- .80- —
1885 Conn.	7	7	M.	60-60-60	.90-1.50-1.27
1885 Mass	1	73	M.	60-60-60	.63-1.15- .85

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Applies to but 1 of the 2 wage quotations.
d Applies to but 2 of the 3 wage quotations.
e Not including hours of 3 persons not reported.
f Applies to but 1 of the 3 wage quotations.
g Applies to but 6 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLEACHERS, TEXTILES—Concluded.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885 N. H	1	60 M.	60-65-60	0.75-2.60-1.13
1885 N. J	1	30 M.	60-60-60	1.00-1.00-1.00
1885 N. J	324	16 M.	60-60-60	1.17-2.33-1.53
1885 N. Y	1	19 M.	60-66-63	1.08-1.25-1.18
1885 Pa	7	18 M.	60-60-60	1.08-2.17-1.32
1885 Va	1	7 M.	60-60-60	1.50-1.50-1.50
1885 Belgium	456	(a) (a)	54-69 —	.45- .49- —
1885 Br. India	459	(a) (a)	(a)	.07- .07- .07
1885 Germany	1	(a) M.	72-72-72	.54- .54- .54
1886 N. H	7	11 M.	60-60-60	.90-2.00-1.20
1886 N. J	325	16 M.	60-60-60	1.13-2.50-1.61
1886 Br. India	459	(a) (a)	(a)	.07- .07- .07
1886 Canada	468	(a) M.	62-62-62	1.16-1.16-1.16
1886 England	600	(a) M.	57-57-57	.79- .79- .79
1886 Gr't Brit	601	(a) M.	57-57-57	.96- .96- .96
1886 Ireland	601	(a) M.	57-57-57	.49- .49- .49
1887 Ohio	369	31 M.	54-72-60	1.35-1.50-1.44
1887 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1888 N. J	326	6 M.	b57-57-57	1.13-2.16-1.30
1888 N. Y	6	1 M.	(a)	3.83-3.83-3.83
1888 N. Y	331	1 M.	(a)	2.00-2.00-2.00
1888 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1888 Canada	470	(a) M.	60-60-60	.98- .98- .98
1889 Mass	6	20 M.	60-60-60	1.25-1.25-1.25
1889 Pa	6	1 M.	(a)	1.67-1.67-1.67
1889 Br. India	459	(a) (a)	(a)	.07- .07- .07
1889 Canada	471	(a) M.	53-53-53	.85- .85- .85
1889 Italy	637	(a) M.	(a)	.40- .40- .40
1889 Portugal	691	(a) (a)	(a)	.43- .65- —
1890 N. Y	333	14 M.	(a)	.63-1.30-1.07
1890 Br. India	459	(a) (a)	(a)	.08⅛-.08⅛-.08⅛
1890 Netherl'ds	666	(a) M.	(a)	.40- .60- —
1890 Netherl'ds	666	(a) F.	(a)	.13- .50- —
1890 Scotland	6	(a) M.	56-56-56	.71- .71- .71
1890 Scotland	6	(a) F.	56-56-56	0.41-0.41-0.41
1891 N. Y	333	14 M.	(a)	.63-1.30-1.07
1891 Br. India	459	(a) (a)	(a)	.07⅛-.07⅛-.07⅛
1891 Italy	638	(a) M.	69-69-69	.40- .40- .40
(c) Switzerl'd	595	(a) M.	(a)	.67- .67- .67
1892 Br. India	459	(a) (a)	(a)	.06⅛-.06⅛-.06⅛
1892 France	505	(a) M.	66-72 —	.43-1.11- —
1892 France	505	(a) F.	60-72 —	.19- .58- —
1892 Ireland	632	(a) M.	60-60-60	.24-1.22- —
1892 Ireland	632	(a) F.	60-60-60	.24- .61- —
1892 Italy	639	(a) M.	60-60-60	.27- .31- —
1892 Russia	692	(a) (a)	(a)	.11- .73- —
1893 Br. India	459	(a) (a)	(a)	.06- .06- .06
1893 Russia	184	(a) (a)	(a)	.19- .32- —
1893 Scotland	632	(a) F.	(a)	.20- .49- —
1894 R. I	401	7 (a)	(a)	1.00-1.67-1.29
1894 Br. India	459	(a) (a)	(a)	.05½-.05½-.05⅛
1894 France	129	(a) M.	60-60-60	.87-1.45- —
1894 France	129	(a) F.	60-60-60	.70- .70- .70
1895 Ga	7	3 M.	66-66-66	.85- .85- .85
1895 Mass	7	3 M.	58-58-58	1.00-1.25-1.17
1895 N. H	7	40 M.	60-66-60	.70-2.00-1.02
1895 Br. India	459	(a) (a)	(a)	.05- .05- .05
1896 Conn	7	9 M.	60-60-60	1.20-1.75-1.40
1896 Kans	250	1 M.	84-84-84	1.33-1.33-1.33
1896 N. H	7	5 M.	60-60-60	1.25-1.83-1.50
1896 Pa	7	18 M.	60-60-60	1.00-2.33-1.28
1896 Pa	394	6 M.	60-60-60	1.14-1.40-1.31
1896 Br. India	459	(a) (a)	(a)	.05½-.05½-.05¼
1897 Aust-Hun	437	(a) (a)	66-66-66	.24- .47- —
1898 Germany	151	(a) (a)	(a)	.48- .80- —
1899 N. C	18	50 M.	69-69-69	.75-1.25- .90
1900 N. C	18	50 M.	69-69-69	.75-1.25- .90

BLEACHING POWDER MAKERS.

1850	England	564	(a)	(a)	60-60-60	1.05-1.05-1.05	1872	England	185	(a)	M.	60-60-60	1.25-1.25-1.25
1860	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1877	England	570	(a)	M.	72-72-72	1.03-1.42- —
1866	England	566	(a)	M.	48-60 —	.97-1.26- —	1880	England	571	(a)	M.	60-60-60	1.83-1.83-1.83
(d)	England	567	(a)	(a)	60-60-60	.85- .85- .85	1883	Scotland	572	(a)	M.	60-60-60	1.04-1.04-1.04
1871	England	568	(a)	M.	60-60-60	1.26-1.26-1.26							

BLINDER MAKERS, HARNESS.

1885	Conn	7	1	M.	60-60-60	1.67-1.67-1.67	1895	Conn	7	4	M.	60-60-60	1.17-1.83-1.46
1886	N. J	3	3	F.	57-59-58	.33- .83- .67							

BLOCK CUTTERS, PAPER AND TEXTILE PRINTING.

1839	England	562	(a)	M.	60-60-60	1.42-1.42-1.42	1883	England	572	(a)	M.	e57-60 —	.38-1.34- —
1841	Gr't Brit	625	(a)	M.	(a)	1.01-1.22- —	1883	Gr't Brit	273	(a)	M.	(a)	1.30-1.42- —
1849	England	562	(a)	M.	60-60-60	1.01-1.01-1.01	1883	Scotland	572	(a)	M.	57-57-57	1.14-1.14-1.14
1859	England	562	(a)	M.	60-60-60	1.01-1.01-1.01	1884	N. J	323	13	M.	60-60-60	3.27-3.27-3.27
1863	Scotland	565	(a)	(a)	(a)	.81-1.01- —	1884	Germany	178	(a)	M.	(a)	.71-1.07- —
1871	England	629	(a)	(a)	(a)	1.42-1.42-1.42	1885	N. J	7	8	M.	60-60-60	2.33-3.00-2.75
1872	England	185	(a)	(a)	59-59-59	1.12-1.12-1.12	1885	N. J	324	26	M.	60-60-60	2.83-3.33-2.92
1879	Pa	384	2	(a)	60-60-60	3.00-3.00-3.00	1888	N. J	326	8	(a)	60-60-60	1.50-4.00-2.46
1880	England	571	(a)	M.	58-58-58	1.32-1.32-1.32	1888	N. Y	331	48	M.	f58-60-59	2.50-3.33-3.31
1880	Scotland	571	(a)	M.	56-56-56	1.12-1.12-1.12	1890	N. Y	333	28	M.	(a)	2.00-4.50-2.96
1882	N. Y	2	40	M.	60-60-60	3.00-3.33-3.17	1891	N. Y	333	22	M.	(a)	2.00-4.50-2.95
1882	Germany	30	(a)	M.	(a)	1.03-1.03-1.03	1895	N. J	7	20	M.	60-60-60	2.50-3.00-2.85

a Not reported.
b Not including hours of 5 persons not reported.
c Average for 1888–91.
d Average for 1867–68.
e Applies to but 2 of the 3 wage quotations.
f Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLOCKERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Mass	270	2 M.	(a)	2.59-2.59-2.59	1892 Australia	424	(a) (a)	(a)	1.20-1.78- —
1885 N. Y.	1	17 M.	60-60-60	2.25-2.29-2.26	1894 Ind	228	1 (a)	60-60-60	1.75-1.75-1.75
1890 N. Y.	333	1 M.	(a)	2.00-2.00-2.00	1894 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50
1891 N. Y.	333	1 M.	(a)	2.00-2.00-2.00	1894 Australia	425	(a) (a)	(a)	.81-1.82- —
1892 Cal.	196	1 M.	60-60-60	2.50-2.50-2.50	1895 Australia	426	(a) (a)	(a)	.81-1.83- —
1892 Ill.	210	2 F.	56-56-56	1.53-1.56-1.55	1896 Australia	427	(a) (a)	(a)	.81-1.62- —
1892 Me	258	2 F.	(a)	1.00-1.17-1.09					

BLOCKERS, CORK GOODS.

1882 Pa	7	11 F.	59-59-59	.67- .75- .70	1890 N. Y	333	21 M.	(a)	1.67-1.70-1.68
1888 N. Y	331	14 M.	59-59-59	1.67-1.67-1.67	1891 N. Y	333	24 M.	(a)	1.83-1.83-1.83
1888 N. Y	331	14 F.	59-59-59	.83- .83- .83	1896 Pa	7	45 F.	55-55-55	.58- .92- .71

BLOCKERS, ELECTROTYPING.

1883 Mass	273	2 M.	(a)	1.50-2.50-2.00	1891 N. Y	333	5 M.	(a)	1.50-3.17-2.40
1890 Ill.	19	3 M.	(a)	1.50-3.00-2.25	1892 Ill.	19	3 M.	59-59-59	2.00-3.00-2.33
1890 N. Y	333	5 M.	(a)	1.50-3.17-2.40	1893 Ill.	19	2 M.	59-59-59	2.25-3.00-2.63
1891 Ill.	19	3 M.	(a)	1.75-3.00-2.33					

BLOCKERS, FUR AND FUR GOODS.

1888 N. Y	331	2 M.	59-59-59	2.33-2.33-2.33	1890 N. Y	333	8 M.	(a)	1.33-2.50-2.03
1888 Canada	470	(a) M.	54-54-54	.73- .73- .73	1891 N. Y	333	12 M.	(a)	1.17-2.67-2.00

BLOCKERS, HATS AND CAPS.

1839 England	562	(a) M.	60-60-60	1.42-1.42-1.42	1886 Iowa	7	3 M.	(a)	1.75-1.83-1.78
1849 England	562	(a) M.	60-60-60	1.22-1.22-1.22	1886 Md	3	1 F.	60-60-60	1.17-1.17-1.17
1859 England	562	(a) M.	60-60-60	1.42-1.42-1.42	1886 Md	7	4 M.	60-60-60	1.25-2.00-1.53
1863 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00	1886 N. J	325	40 M.	60-60-60	3.00-3.00-3.00
1870 N. Y.	7	1 M.	60-60-60	2.75-2.75-2.75	1888 N. Y.	331	58 M.	e 44-59-53	1.25-4.17-2.55
1871 Ireland	568	(a) M.	(a)	.97- .97- .97	1890 N. Y.	333	82 M.	(a)	.66-4.17-2.22
1872 Ireland	185	(a) M.	(a)	.97- .97- .97	1891 N. Y.	333	92 M.	(a)	.75-4.17-2.13
1877 England	570	(a) M.	60-60-60	.83- .95- —	1892 France	505	(a) M.	54-60 —	.77-1.16- —
1880 N. Y.	7	5 M.	b 60-60-60	2.08-3.25-2.40	1893 Ohio	374	6 M.	54-60-56	2.00-2.00-2.00
1880 Ohio	7	2 M.	54-54-54	1.75-2.00-1.88	1894 Ind	228	2 M.	60-60-60	2.00-2.00-2.00
1880 England	571	(a) M.	60-60-60	.36-1.23- —	1894 Ohio	375	13 M.	60-60-60	2.50-2.50-2.50
1882 Wis	2	22 M.	59-59-59	1.75-1.75-1.75	1895 N. J	7	7 M.	54-60-58	1.33-5.00-2.62
1883 Mass	273	3 M.	(a)	1.25-1.25-1.25	1895 N. Y	7	26 M.	48-60-58	.75-3.50-1.79
1883 N. J	322	13 M.	c 60-60-60	1.67-5.00-3.04	1895 N. Y	7	1 F.	60-60-60	2.25-2.25-2.25
1883 Ohio	7	4 M.	48-48-48	1.63-2.05-1.83	1895 Ohio	376	33 M.	f 60-60-60	1.00-2.50-1.94
1883 Gr't Brit	273	(a) M.	(a)	1.01-1.42- —	1895 Va	7	2 M.	60-60-60	1.67-2.00-1.84
1884 N. J	7	1 M.	(a)	3.00-3.00-3.00	1896 Conn	8	2 M.	60-60-60	3.00-3.50-3.25
1884 N. J	323	7 M.	60-60-60	1.67-3.33-2.62	1896 Ill	7	2 M.	57-57-57	1.50-2.67-2.09
1884 Canada	466	(a) M.	56-56-56	1.49-1.49-1.49	1896 Iowa	7	2 M.	60-60-60	2.00-2.00-2.00
1885 N. J	1	8 M.	60-60-60	2.50-4.17-3.34	1896 Md	7	10 M.	60-60-60	1.17-2.50-1.80
1885 N. J	7	1 M.	(a)	1.33-1.33-1.33	1896 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1885 N. J	324	4 M.	60-60-60	1.67-3.00-2.67	1896 N. Y	7	1 M.	60-60-60	2.50-2.50-2.50
1885 N. Y.	7	16 M.	d 53-60-59	1.25-1.92-1.55	1896 Ohio	7	10 M.	48-54-49	1.62-2.23-1.92
1885 Pa	1	27 M.	60-60-60	2.75-2.75-2.75	1896 Ohio	377	4 M.	66-66-66	2.13-2.13-2.13
1885 Wis	7	12 M.	60-60-60	2.00-2.00-2.00	1896 Wis	7	28 M.	60-60-60	2.25-3.58-2.78
1885 Canada	467	(a) M.	59-59-59	1.45-1.45-1.45	1898 N. J	329	68 M.	48-60-57	2.50-3.50-2.68
1886 Ill.	7	1 M.	57-57-57	2.67-2.67-2.67	1898 N. Y	338	75 M.	60-60-60	1.75-1.75-1.75

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 39 persons not reported.
f Not including hours of 25 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLOCKERS' HELPERS, ELECTROTYPING.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y.	333	1 M.	(a)	1.17-1.17-1.17
1891	N. Y.	333	1 M.	(a)	1.17-1.17-1.17
1892	Ill.	19	1 M.	59-59-59	0.58-0.58-0.58
1893	Ill.	19	1 M.	59-59-59	.75- .75- .75

BLOCKERS' HELPERS, HATS AND CAPS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870	N. Y.	7	1 M.	60-60-60	1.50-1.50-1.50
1896	N. Y.	7	1 M.	60-60-60	1.50-1.50-1.50

BLOCKERS, PAPER BOXES.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	N. J	7	10 F.	(a)	1.13-1.50-1.32
1895	N. J	7	12 F.	54-54-54	1.17-1.50-1.30

BLOCKERS, SAWS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1895	Pa	8	19 M.	54-60-55	1.75-3.50-2.53

BLOCKERS, SILK GOODS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1879	Conn.	7	8 F.	60-60-60	.80-1.60-1.19
1883	England	572	(a) F.	57-57-57	.32- .32- .32
1884	Switzerl'd.	178	(a) F.	65-65-65	.39- .48- —
1885	N. J	1	4 M.	60-60-60	1.50-1.50-1.50
1885	N. J	1	30 F.	60-60-60	1.00-1.00-1.00
1885	N. J	7	2 F.	(a)	.83- .83- .83
1886	N. J	325	2 M.	60-60-60	1.00-1.00-1.00
1887	N. Y.	3	1 F.	59-59-59	.92- .92- .92
1888	N. J	326	3 F.	b 60-60-60	.91-1.08-1.02
1888	N. Y.	331	2 M.	59-59-59	.67- 67- .67
1891	N. Y.	333	2 M.	(a)	.83-1.00- .92
1893	N. J	327	4 F.	55-55-55	.75-1.67-1.10
1893	England	632	(a) F.	(a)	.24- .49- —
1895	Conn.	7	4 F.	60-60-60	.63-1.04- .82
1895	N. J	7	4 F.	60-60-60	.75-1.17- .94
1899	N. Y.	18	23 M.	59-59-59	.58- .83- .67
1900	N. Y.	18	30 M.	59-59-59	.58- .83- .67

BLOCKERS, STRAW GOODS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1875	Mass.	270	26 M.	(a)	2.48-3.00-2.68
1882	Mass.	2	20 M.	60-60-60	2.50-2.50-2.50

BLOCK HANDS, LUMBER.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888	Canada	470	(a) M.	66-66-66	1.62-1.62-1.62
1891	Canada	191	(a) M.	66-66-66	.50-1.33- —
1892	Canada	191	(a) M.	66-66-66	.50-1.33- —
1893	Canada	191	(a) M.	66-66-66	.50-1.33- —
1894	Canada	191	(a) M.	66-66-66	.50-1.33- —
1895	Canada	191	(a) M.	60-60-60	.50-1.33- —
1896	Canada	191	(a) M.	60-60-60	.50-1.33- —

BLOCK TEARERS, WALL PAPER.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	England	570	(a) M.	50-50-50	.26- .26- .26
1877	England	570	(a) F.	50-50-50	.26- .26- .26
1880	England	571	(a) M.	(a)	.28- .28- .28
1880	Scotland	571	(a) M.	(a)	.18- .18- .18
1880	Scotland	571	(a) F.	(a)	.16- .16- .16

a Not reported.

b Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLOOM BOYS, IRON AND STEEL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Pa	5	2 M.	a60-60-60	1.40-1.50-1.45
1892 Ohio	373	10 M.	54-60-59	1.25-2.00-1.50
1895 Ohio	376	11 M.	54-72-66	.50-1.50- .91
1896 Ohio	377	9 M.	58-58-58	1.56-1.56-1.56
1897 Ohio	377	23 (b)	48-72-59	0.50-1.50-1.02
1898 Ohio	18	6 M.	(b)	1.10-1.25-1.18
1899 Ohio	18	6 M.	(b)	1.23-1.50-1.38

BLOOMERS, IRON AND STEEL.

1885	Gr't Brit	1	(b)	M.	72-72-72	.80- .80- .80	1890	N. Y	333	62 M.	(b)	2.40-2.40-2.40
1888	England	5	(b)	M.	(b)	.77- .77- .77	1891	N. Y	333	25 M.	(b)	2.50-2.50-2.50
1889	England	5	(b)	M.	c66-66-66	.61-1.35- —						

BLOTCHERS, WALL PAPER.

1890	N. Y	333	10	M.	(b)	.50- .67- .53	1891	N. Y	333	9	M.	(b)	.50- .67- .52

BLOWERS, HATS AND CAPS.

1866	N. J	7	3	M.	(b)	1.50-1.50-1.50	1891	N. Y	333	6 M.	(b)	1.50-1.50-1.50
1883	Gr't Brit	273	(b)	F.	(b)	.45- .45- .45	1892	France	505	(b) F.	60-60-60	.58- .58- .58
1885	N. J	1	3	M.	60-60-60	1.00-1.00-1.00	1894	France	129	(b) F.	60-60-60	.58- .58- .58
1885	N. J	7	3	M.	59-59-59	1.17-1.67-1.33	1895	N. J	7	7 M.	48-60-58	1.00-1.83-1.38
1888	N. J	326	16	M.	(b)	1.00-2.00-1.44	1896	Conn	8	3 M.	60-60-60	1.25-2.25-1.75
1890	N. Y	333	6	M.	(b)	1.50-1.50-1.50	1896	Mass	8	1 M.	60-60-60	2.00-2.00-2.00

BLOWERS, IRON AND STEEL.

1885	Ohio	1	2	M.	60-60-60	2.25-2.25-2.25	1889	Ohio	5	4 M.	66-72-69	2.47-8.50-5.49
1885	Pa	1	4	M.	72-72-72	2.80-2.80-2.80	1889	W. Va	5	7 M.	d66-66-66	2.13-3.85-3.60
1887	Pa	390	2	M.	(b)	4.42-4.42-4.42	1889	Belgium	5	(b) M.	e60-60-60	.65-1.25- —
1888	N. Y	331	4	M.	70-70-70	2.08-3.25-2.67	1889	France	5	(b) M.	(b)	1.14-1.22- —
1888	W. Va	5	2	M.	66-66-66	3.85-3.85-3.85	1889	Italy	5	(b) M.	(b)	.60- .76- —
1888	England	5	(b)	M.	(b)	1.46-1.46-1.46	1895	Ohio	376	2 M.	60-60-60	2.96-2.96-2.96
1889	N. Y	5	6	M.	a72-72-72	1.81-3.07-2.30						

BLOWING-ROOM HANDS, COTTON GOODS.

1841	Russia	185	(b)	M.	(b)	.23- .32- —	1881	Russia	33	(b) (b)	81-81-81	.15- .23- —
(f)	England	561	(b)	F.	(b)	.34- .34- .34	1882	England	33	(b) (b)	56-56-56	.48- .85- —
1868	France	33	(b)	M.	(b)	.48- .48- .48	1882	France	33	(b) M.	72-72-72	.63- .63- .63
1868	France	33	(b)	F.	(b)	.29- .33- —	1883	England	43	(b) M.	(b)	.85- .85- .85
1871	England	185	(b)	M.	60-60-60	.65- .89- —	1883	England	43	(b) F.	(b)	.53- .53- .53
1871	England	185	(b)	F.	60-60-60	.48- .48- .48	1884	England	178	(b) M.	(b)	.85- .85- .85
1871	Scotland	185	(b)	M.	60-60-60	.22- .67- —	1884	England	178	(b) F.	(b)	.57- .57- .57
1871	Scotland	185	(b)	F.	60-60-60	.22- .22- .22	1885	France	1	(b) M.	72-72-72	.62- .62- .62
1872	Russia	612	(b)	M.	69-69-69	.32- .32- .32	1885	France	1	(b) F.	72-72-72	.45- .45- .45
1872	Russia	612	(b)	F.	69-69-69	.24- .24- .24	1886	France	66	(b) M.	(b)	.58- .58- .58
1878	France	33	(b)	M.	(b)	.68- .68- .68	1894	England	590	(b) M.	(b)	1.02-1.05- —
1878	France	33	(b)	F.	(b)	.39- .41- —						

a Not including hours of 1 person not reported.
b Not reported.
c Applies to but 1 of the 5 wage quotations.
d Not including hours of 5 persons not reported.
e Applies to but 1 of the 9 wage quotations.
f Average for 1855-57.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BLUERS' HELPERS, METALLIC GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ill	1	2 M.	60-60-60	0.85-0.85-0.85	1885 W. Va	1	2 M.	60-60-60	1.00-1.00-1.00
1885 Ohio	1	3 M.	60-60-60	.50-1.50- .83	1897 Mass	8	1 M.	60-60-60	1.50-1.50-1.50

BLUERS, METALLIC GOODS.

1842 Conn	8	2 M.	60-66-63	1.25-1.50-1.38	1885 W.Va	1	1 M.	60-60-60	4.00-4.00-4.00
1872 Germany	185	(a) (a)	54-54-54	.78- .78- .78	1895 Mass	7	1 M.	58-58-58	2.00-2.00-2.00
1876 Pa	381	1 M.	(a)	1.10-1.10-1.10	1896 Conn	8	4 M.	60-60-60	1.75-2.50-2.13
1883 Ohio	365	1 M.	60-60-60	4.17-4.17-4.17	1896 Mass	8	1 M.	58-58-58	.97- .97- .97
1885 Ill	1	2 M.	60-60-60	2.30-2.30-2.30	1897 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1885 Mass	7	1 M.	(a)	2.00-2.00-2.00	1897 N. Y	8	2 M.	60-60-60	2.00-2.00-2.00
1885 Ohio	1	2 M.	60-60-60	4.00-4.65-4.33					

BLUERS, TEXTILES.

1877 Ireland	570	(a) M.	58-58-58	.65- .65- .65	1895 N. H	7	5 M.	60-60-60	1.10-1.40-1.16
1883 Ireland	572	(a) M.	60-60-60	.97- .97- .97					

BOARDERS, HOSIERY AND KNIT GOODS.

1880 Ohio	7	7 M.	(a)	.33- .45- .37	1891 Mich	283	1 F.	(a)	1.50-1.50-1.50
1882 Pa	2	20 (a)	60-60-60	1.80-2.00-1.90	1891 N. Y	333	33 M.	(a)	1.00-3.00-1.62
1883 Mass	273	73 M.	(a)	1.48-1.75-1.49	1895 Mass	8	3 M.	60-60-60	1.75-2.00-1.92
1883 Mass	273	10 (a)	(a)	.60- .74- .70	1895 N. H	7	43 M.	60-60-60	.50-2.50-1.20
1885 Minn	7	2 M.	60-60-60	.42- .67- .55	1895 N. Y	7	4 M.	60-60-60	1.75-3.33-2.52
1885 N. H	7	16 M.	b 66-66-66	.73-1.56-1.07	1895 N. Y	8	6 M.	60-60-60	.50- .50- .50
1885 N. Y	7	3 M.	c 60-65-62	1.75-3.00-2.58	1896 Minn	7	3 M.	54-54-54	.50- .83- .72
1885 Vt	7	2 M.	64-64-64	1.87-1.87-1.87	1896 Ohio	7	11 M.	60-60-60	.38- .55- .48
1886 N. J	325	2 M.	60-60-60	2.00-2.00-2.00	1896 Ohio	7	4 F.	60-60-60	.33- .33- .33
1886 Pa	2	46 (a)	60-60-60	1.16-1.25-1.21	1896 Pa	7	2 M.	60-60-60	1.67-2.50-2.09
1886 Pa	7	6 M.	(a)	.50-2.67-1.83	1896 Vt	7	7 M.	64-66-65	.90-2.36-1.54
1886 Vt	7	3 M.	66-66-66	1.50-2.25-1.92	1897 N. C	8	4 M.	75-75-75	.63- .63- .63
1888 N. J	326	13 M.	(a)	.67- .67- .67	1897 France	511	(a) (a)	66-66-66	.48- .58- —
1888 N. Y	331	11 M.	d 60-60-60	.50-3.50-1.24	1898 France	512	(a) M.	66-66-66	.51- .63- —
1888 N. Y	331	2 F.	60-60-60	1.00-1.00-1.00	1898 France	512	(a) F.	66-66-66	.58- .58- .58
1890 N. Y	333	31 M.	(a)	1.00-3.00-1.63	1898 France	512	(a) (a)	66-72 —	.65- .68- —

BOAT BUILDERS.

1866 Ireland	566	(a) M.	59-59-59	.97- .97- .97	1887 Canada	469	(a) M.	59-59-59	1.42-1.43- —
1870 Turk. in A.	610	(a) M.	(a)	.46- .91- —	1888 N. Y	331	11 M.	e 59-60-60	2.25-3.00-2.77
1871 England	185	(a) (a)	(a)	1.21-1.41- —	1888 Canada	470	(a) M.	60-60-60	1.53-1.68- —
1874 Scotland	177	(a) M.	51-51-51	1.04-1.08- —	1889 Canada	471	(a) M.	58-58-58	1.94-1.94-1.94
1874 Scotland	185	(a) M.	51-51-51	1.37-1.37-1.37	1889 China	88	(a) (a)	(a)	.30- .30- .30
1875 Scotland	177	(a) M.	51-51-51	1.04-1.17- —	1890 N. Y	333	60 M.	(a)	1.17-5.00-2.47
1876 Scotland	177	(a) M.	51-51-51	1.04-1.17- —	1891 N. Y	333	58 M.	(a)	1.17-5.00-2.38
1877 Scotland	177	(a) M.	51-51-51	1.04-1.17- —	1891 China	105	(a) (a)	(a)	.38- .42- —
1878 Scotland	177	(a) M.	51-51-51	1.04-1.17- —	1892 Cal	196	9 M.	54-57-55	2.00-4.00-3.28
1882 Mo	294	2 M.	60-60-60	2.25-3.00-2.63	1892 England	111	(a) M.	54-54-54	1.70-1.70-1.70
1883 Ecuador	43	(a) (a)	60-60-60	1.00-2.00- —	1893 Australia	415	(a) (a)	(a)	f .24- .24 .24
1884 Mich	278	6 M.	(a)	1.50-2.50-2.08	1894 N. H	316	1 M.	48-48-48	1.83-1.83-1.83
1884 N. J	323	15 M.	60-60-60	2.00-2.00-2.00	1894 Ohio	375	5 M.	60-60-60	2.00-2.00-2.00
1884 Belgium	178	(a) M.	60-60-60	1.16-1.35- —	1894 Ireland	127	(a) M.	54-54-54	1.13-1.26- —
1884 England	178	(a) M.	(a)	1.45-1.57- —	1895 China	678	(a) (a)	(a)	g .10- .10- .10
1884 Scotland	178	(a) M.	54-54-54	.99-1.35- —	1895 Norway	690	(a) M.	(a)	.54- .54- .54
1886 Canada	468	(a) M.	61-61-61	1.22-1.36- —	1897 England	593	(a) (a)	(a)	1.48-1.53- —
1886 Scotland	604	(a) M.	54-54-54	1.23-1.23-1.23					

a Not reported.
b Not including hours of 8 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 10 persons not reported.
e Not including hours of 3 persons not reported.
f Per hour.
g And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOAT BUILDERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.....	333	11 M.	(a)	0.83-1.67-1.18
1891 N. Y.....	333	9 M.	(a)	0.83-1.67-1.22

BOATMEN.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1854 Switzerl'd.	714	(a) M.	(a)	.59- .59- .59
1859 Switzerl'd.	714	(a) M.	(a)	.62- .62- .62
1864 Switzerl'd.	714	(a) M.	(a)	.62- .62- .62
1869 Switzerl'd.	714	(a) M.	(a)	.51- .96- —
1870 Germany..	610	(a) M.	72-72-72	.24- .73- —
1870 Turkey ...	610	(a) M.	(a)	.69- .81- —
1871 Aust-Hun .	611	(a) M.	(a)	.41- .49- —
1871 Brazil.....	611	(a) M.	60-60-60	.55-1.10- —
1873 Switzerl'd.	714	(a) M.	(a)	.57- .96- —
1875 Pa	380	3 M.	(a)	1.53-1.53-1.53
1875 Pa	380	30 M.	(a)	b.77- .77- .77
1878 Ireland ...	177	(a) M.	(a)	.73- .73- .73
1880 N. J	319	6 M.	60-84-74	.75-2.00-1.29
1880 England ..	571	(a) M.	54-54-54	.97- .97- .97
1881 S'ra Leone.	173	(a) M.	(a)	c.19- .28- —
1884 Aust-Hun .	178	(a) M.	60-60-60	.50- .55- —
1884 Br. Hond..	178	(a) (a)	54-54-54	1.08-1.43- —
1884 England ..	178	(a) M.	(a)	1.01-1.42- —
1884 Germany..	178	(a) M.	d60-60-60	.36- .65- —
1884 Italy	178	(a) M.	(a)	.36- .68- —
1884 Netherl'ds	178	(a) M.	(a)	.25- .31- —
1884 Switzerl'd.	178	(a) M.	(a)	.74- .92- —
1884 Venezuela	178	(a) M.	(a)	.58-1.53- —
1885 Pa	7	2 M.	60-60-60	1.75-2.00-1.88
1886 N. Y.....	2	2480 M.	(a)	1.15-1.83-1.49
1889 China.....	88	(a) M.	(a)	.23- .35- —
1889 England ..	5	(a) M.	60-60-60	.65- .65- .65
1889 England ..	576	(a) M.	60-60-60	.77-1.07- —
1889 England ..	576	(a) M.	(a)	e.09- .09- .09
1890 England ..	576	(a) M.	60-60-60	.89-1.22- —
1890 England ..	576	(a) M.	(a)	e.12- .12- .12
1891 Belgium ..	457	(a) M.	72-72-72	.29- .68- —
1891 China.....	105	(a) (a)	(a)	.17- .17- .17
1891 England ..	576	(a) M.	72-72-72	1.42-1.42-1.42
1891 Italy	638	(a) M.	(a)	.42- .52- —
1891 Switzerl'd.	595	(a) M.	(a)	.75- .75- .75
1892 C. of G'd H	486	(a) M.	(a)	1.46-2.43- —
1892 England ..	632	(a) M.	60-72 —	.69-1.46- —
1892 France....	505	(a) M.	60-84 —	.48- .48- .48
1892 France....	632	(a) M.	54-54-54	.89- .89- .89
1893 Md.....	10	19 M.	30-100-80	.50-2.08-1.35
1893 N. Y.....	10	18 M.	60-84-61	1.50-2.00-1.68
1893 Pa	10	3 M.	60-70-63	1.67-2.50-2.06
1893 Pa	10	1 M.	(a)	b1.92-1.92-1.92
1893 Italy	639	(a) M.	(a)	.42- .52- —
1894 C. of G'd H	487	(a) M.	(a)	1.35-2.05- —
1894 England ..	584	(a) M.	(a)	e.10- .12- —
1894 France....	508	(a) M.	66-66-66	b.39- .39- .39
1895 Me	7	11 M.	60-60-60	.58-3.00-1.59
1895 France....	509	(a) M.	g72-84 —	1.11-1.26- —
1896 Aust-Hun .	436	(a) (a)	72-72-72	1.34-1.34-1.34
1896 Madagas ..	184	(a) M.	(a)	.15- .50- —
1897 France....	511	(a) M.	(a)	1.00-1.00-1.00
1898 Australia..	419	(a) (a)	(a)	2.03-2.03-2.03
1898 England ..	594	(a) (a)	(a)	1.70-1.82- —

BOATSWAINS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Gr't Brit ..	186	(a) M.	(a)	.56- .84- —
1873 England ..	177	(a) M.	(a)	1.03-1.03-1.03
1874 Br. India ..	459	(a) M.	(a)	.53- .53- .53
1875 Br. India ..	459	(a) M.	(a)	.50- .50- .50
1876 Br. India ..	459	(a) M.	(a)	.50- .50- .50
1877 Br. India ..	459	(a) M.	(a)	.50- .50- .50
1878 Br. India ..	459	(a) M.	(a)	.50- .50- .50
1878 England ..	177	(a) M.	(a)	.99- .99- .99
1879 Br. India ..	459	(a) M.	(a)	.51- .51- .51
1880 Br. India ..	459	(a) M.	(a)	.46- .46- .46
1880 Gr't Brit ..	186	(a) M.	(a)	.58- .85- —
1881 Br. India ..	459	(a) M.	(a)	.45- .45- .45
1882 Br. India ..	459	(a) M.	(a)	.45- .45- .45
1883 Br. India ..	459	(a) M.	(a)	.44- .44- .44
1884 Belgium ..	178	(a) M.	(a)	.57- .95- —
1884 Br. India ..	459	(a) M.	(a)	.44- .44- .44
1884 Ceylon	178	(a) M.	(a)	.39- .53- —
1884 Denmark .	178	(a) M.	(a)	.40- .48- —
1884 England ..	178	(a) M.	(a)	.40-1.04- —
1884 France....	178	(a) M.	(a)	.48- .96- —
1884 Germany..	178	(a) M.	(a)	.46- .70- —
1884 Ireland ...	178	(a) M.	(a)	.96-1.12- —
1884 Ireland ...	178	(a) M.	(a)	b.80- .96- —
1884 Italy	178	(a) M.	(a)	.63- .63- .63
1884 Netherl'ds	178	(a) M.	(a)	.39- .72- —
1884 Russia	178	(a) M.	(a)	.32- .39- —
1884 Scotland ..	178	(a) M.	(a)	.62- .80- —
1884 Spain	178	(a) M.	(a)	.49-1.15- —
1884 Wales	178	(a) M.	(a)	.56- .84- —
1884 Wales	178	(a) M.	(a)	h1.39-1.39-1.39
1885 Br. India ..	459	(a) M.	(a)	.43- .43- .43
1885 Germany..	163	(a) (a)	(a)	.51- .51- .51
1886 Br. India ..	459	(a) M.	(a)	.41- .41- .41
1886 England ..	70	(a) M.	(a)	.52-1.05- —
1886 Gr't Brit ..	604	(a) M.	(a)	i.52-1.01- —
1886 Gr't Brit ..	604	(a) M.	(a)	h1.02-1.13- —
1886 Scotland ..	70	(a) M.	(a)	.48- .80- —
1887 Br. India ..	459	(a) M.	(a)	.40- .40- .40
1888 Br. India ..	459	(a) M.	(a)	.38- .38- .38
1889 Australia .	422	(a) (a)	48-48-48	1.28-1.28-1.28
1889 Br. India ..	459	(a) M.	(a)	.37- .37- .37
1889 Italy	95	(a) M.	(a)	.79- .79- .79
1890 Australia .	423	(a) (a)	48-48-48	1.28-1.28-1.28
1890 Br. India ..	459	(a) M.	(a)	.46- .46- .46
1890 Gr't Brit ..	186	(a) M.	(a)	.65- .89- —
1891 Br. India ..	459	(a) M.	(a)	.41- .41- .41
1891 France....	102	(a) M.	(a)	.70- .79- —
1891 Gr't Brit ..	186	(a) M.	(a)	.66- .95- —
1892 Australia .	424	(a) M.	(a)	.80- .80- .80
1892 Br. India ..	459	(a) M.	(a)	.36- .36- .36
1892 Gr't Brit ..	186	(a) M.	(a)	.66- .91- —
1893 Br. India ..	459	(a) M.	(a)	.32- .32- 32

a Not reported.
b And board.
c And rations.
d Applies to but 3 of the 5 wage quotations.
e Per hour.
f Average for 1888–91.
g Applies to but 1 of the 2 wage quotations.
h Without food.
i And food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOATSWAINS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Germany..	127	(a) M.	(a)	0.56-0.56-0.56	1894 Scotland ..	127	(a) M.	(a)	0.68-0.76- —
1893 Gr't Brit ..	186	(a) M.	(a)	.44-1.60- —	1895 Australia .	426	(a) (a)	(a)	.96- .96- .96
1894 Australia .	176	(a) M.	(a)	.64- .88- —	1895 Br. India ..	459	(a) M.	(a)	.26- .26- .26
1894 Australia .	425	(a) (a)	(a)	.96- .96- .96	1895 Norway ...	690	(a) M.	(a)	.42- .53- —
1894 Br. India ..	459	(a) M.	(a)	.26- .26- .26	1896 Australia .	427	(a) (a)	(a)	1.12-1.12-1.12
1894 Canada ...	186	(a) M.	(a)	.82-1.64- —	1896 Br. India ..	459	(a) M.	(a)	.27- .27- .27
1894 Chile.....	186	(a) M.	(a)	.88- .88- .88	1897 Australia .	427	(a) (a)	(a)	1.12-1.12-1.12
1894 China.....	186	(a) M.	(a)	.51- .51- .51	1898 Wash	405	1 (a)	(a)	1.48-1.48-1.48
1894 Colombia .	186	(a) M.	(a)	1.15-1.15-1.15	1898 Australia .	429	(a) (a)	(a)	.80-1.12- —
1894 England ..	127	(a) M.	(a)	.76- .88- —	1899 England ..	588	(a) (a)	(a)	*b* .70- .83- —
1894 England ..	186	(a) M.	(a)	.96-1.20- —	1899 Germany..	163	(a) (a)	(a)	.55- .55- .55
1894 France....	127	(a) M.	(a)	.70- .79- —	1899 N.Zealand	681	(a) M.	(a)	1.20-1.20-1.20
1894 Ireland ...	127	(a) M.	(a)	.64- .80- —	1900 Russia	162	(a) M.	(a)	.43- .56- —
1894 Netherl'ds	127	(a) M.	(a)	.59- .79- —	1900 Sweden ...	160	(a) M.	(a)	.31- .35- —

BOATSWAINS' MATES.

1884 Belgium ..	178	(a) M.	(a)	.63- .79- —	1886 Gr't Brit ..	604	(a) M.	(a)	*d* 1.04-1.04-1.04
1884 Germany .	178	(a) M.	(a)	.41- .49- —	1889 Italy	95	(a) M.	(a)	.62- .62- .62
1884 Italy	178	(a) M.	(a)	.54- .54- .54	1894 China.....	186	(a) M.	(a)	.42- .42- .42
1884 Spain	178	(a) M.	(a)	.49- .99- —	1894 England ..	186	(a) M.	(a)	.80- .80- .80
1886 Gr't Brit ..	604	(a) M.	(a)	*c* .56- .77- —	1894 Netherl'ds	127	(a) M.	(a)	.58- .58- .58

BOBBIN BOYS.

1833 England ..	624	(a) M.	(a)	.27- .27- .27	1883 Mass	273	35 (a)	(a)	.36- .50- .41
1860 Russia	609	(a) M.	(a)	.20- .20- .20	1883 Miss.....	7	1 M.	(a)	.25- .25- .25
1866 Mass	190	3 M.	66-66-66	.60- .60- .60	1883 R.I.....	3	1 F.	(a)	.45- .45- .45
1867 Mass	190	4 M.	66-66-66	.75- .75- .75	1884 Ga	7	3 M.	66-70-68	.50- .60- .57
1867 N. H.....	7	1 M.	66-66-66	.75- .75- .75	1884 Ky	7	2 M.	66-66-66	.50- .50- .50
1868 Mass	190	5 M.	66-66-66	.63- .63- .63	1884 Ky	7	3 F.	66-66-66	.92-1.17-1.00
1868 Pa	7	1 F.	62-62-62	.42- .42- .42	1884 Mass	190	10 M.	60-60-60	.40- .85- .57
(*e*) England ..	567	(a) M.	60-60-60	.20- .20- .20	1884 N. J.....	7	4 M.	60-60-60	.67- .67- .67
1869 Mass	190	4 M.	66-66-66	.67- .67- .67	1884 N. C.....	7	1 M.	69-69-69	.50- .50- .50
1869 Russia	185	(a) M.	(a)	.17- .17- .17	1884 France....	178	(a) M.	72-72-72	.19- .34- —
1870 Mass	190	3 M.	66-66-66	.67- .67- .67	1885 Cal.....	1	55 M.	63-63-63	.60- .60- .60
1871 Mass	190	4 M.	66-66-66	.63- .65- .65	1885 Conn.....	7	1 M.	(a)	.67- .67- .67
1871 Scotland ..	629	(a) M.	60-60-60	.18- .18- .18	1885 Del	1	12 M.	60-60-60	.50-1.35- .59
1872 Mass	190	3 M.	66-66-66	.63-1.00- .88	1885 Ga	1	5 M.	69-69-69	.30- .47- .44
1872 England ..	185	(a) M.	(a)	.42- .42- .42	1885 Me	1	17 M.	66-66-66	.42- .90- .70
1872 England ..	185	(a) (a)	(a)	.38- .38- .38	1885 Md.....	1	8 M.	66-66-66	.40-1.25- .61
1872 Russia	612	(a) M.	69-69-69	.39- .39- .39	1885 Mass	1	7 M.	60-60-60	.70- .75- .73
1872 Russia	612	(a) F.	69-69-69	.20- .20- .20	1885 Mass	7	2 M.	60-60-60	.67- .71- .69
1873 Mass	190	3 M.	66-66-66	.63-1.00- .88	1885 Mass	190	10 M.	60-60-60	.40- .85- .57
1873 N. H.....	7	1 M.	66-66-66	1.25-1.25-1.25	1885 N. H	1	5 M.	66-66-66	1.25-1.25-1.25
1874 Mass	190	3 M.	66-66-66	.54- .83- .73	1885 N. H	7	1 M.	66-66-66	.50- .50- .50
1874 England ..	713	(a) (a)	(a)	.91- .91- .91	1885 N. J.....	3	1 F.	(a)	.42- .42- .42
1874 Germany..	713	(a) (a)	(a)	.48- .48- .48	1885 N. J.....	7	1 M.	55-55-55	.79- .79- .79
1875 Mass	190	5 M.	60-60-60	.50- .74- .65	1885 N. Y	1	177 M.	60-69-66	.37- .68- .49
1876 Mass	190	5 M.	60-60-60	.41- .64- .59	1885 N. Y.....	7	6 M.	60-60-60	.67-1.00- .80
1877 Mass	190	6 M.	60-60-60	.41- .63- .59	1885 N. C.....	1	1 M.	69-69-69	.40- .40- .40
1878 Mass	190	8 M.	60-60-60	.39- .80- .60	1885 Pa	1	9 M.	60-60-60	.75-1.50- .97
1879 Mass	190	8 M.	60-60-60	.39- .80- .63	1885 Pa	7	11 M.	60-60-60	.42- .58- .49
1880 Mass	190	11 M.	60-60-60	.41- .85- .59	1885 Tenn.....	7	1 M.	66-66-66	.90- .90- .90
1881 Mass	190	11 M.	60-60-60	.44- .94- .60	1885 Vt	1	1 M.	66-66-66	.50- .50- .50
1881 R. I	7	2 M.	66-66-66	.50- .58- .54	1885 Gr't Brit ..	1	(a) M.	60-60-60	.32-1.15- —
1882 Mass	190	10 M.	60-60-60	.44- .94- .60	1885 Italy	1	(a) F.	72-72-72	.44- .44- .44
1882 S.C.....	7	1 M.	69-69-69	.65- .65- .65	1886 Mass	190	9 M.	60-60-60	.43- .76- .59
1882 France....	33	(a) (a)	72-72-72	.19- .34- —	1886 Mo	3	1 F.	61-61-61	.75- .75- .75
1883 Ga	7	7 M.	(a)	.40-1.00- .42	1886 N. H	7	2 M.	60-60-60	.60- .75- .68
1883 Mass	190	10 M.	60-60-60	.40- .94- .58	1886 N. J	325	51 M.	60-60-60	.42- .46- .43
1883 Mass	273	29 M.	(a)	.60-1.20- .92	1886 Pa	7	36 M.	*f* 60-60-60	.25-1.50- .69
1883 Mass	273	7 F.	(a)	.50- .50- .50	1886 Pa	7	3 F.	60-60-60	.67- .67- .67

a Not reported.
b And premiums.
c And food.
d Without food.
e Average for 1867–68.
f Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOBBIN BOYS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 R. I	3	1	F.	60-60-60	0.30-0.30-0.30
1886 England	600	(a)	M.	57-57-57	.32- .84- —
1886 England	600	(a)	F.	57-57-57	.29- .30- —
1886 Ireland	600	(a)	M.	57-57-57	.19- .56- —
1886 Ireland	600	(a)	F.	57-57-57	.21- .23- —
1886 Scotland	601	(a)	M.	56-56-56	.31- .31- .31
1887 Ky	3	1	F.	61-61-61	.31- .31- .31
1887 Mass	6	2	M.	(a)	.66- .72- .69
1887 Mass	190	9	M.	60-60-60	.43- .82- .61
1887 N. Y.	3	1	F.	60-60-60	.66- .66- .66
1887 Ohio	3	3	F.	60-60-60	.32- .42- .35
1887 Pa	3	4	F.	60-61-60	.54-1.00- .69
1887 Wis	409	8	M.	(a)	.46- .46- .46
1888 Cal.	194	2	M.	(a)	.90-1.25-1.08
1888 Conn.	6	1	M.	60-60-60	.75- .75- .75
1888 Ga	6	4	M.	66-66-66	.40- .50- .48
1888 Mass	6	2	F.	60-60-60	.50- .50- .50
1888 Mass	190	9	M.	60-60-60	.46- .77- .63
1888 N. J	326	43	M.	(a)	.42- .67- .48
1888 N. Y.	6	1	M.	(a)	.50- .50- .50
1888 N. Y.	331	11	M.	(a)	.45-1.33- .58
1888 N. C.	6	11	M.	(a)	.25- .50- .39
1888 N. C.	6	9	F.	(a)	.25- .35- .31
1888 R. I	6	9	M.	(a)	.50- .67- .52
1888 R. I	6	3	F.	60-60-60	.30- .30- .30
1888 England	6	(a)	M.	(a)	.31- .51- —
1888 England	179	(a)	M.	(a)	.48- .48- .48
1888 Germany	6	(a)	M.	(a)	.50- .53- —
1888 Italy	6	(a)	M.	(a)	.33- .37- —
1888 Switzerl'd.	6	(a)	(a)	(a)	.35- .35- .35
1889 Conn.	6	3	M.	(a)	.75- .75- .75
1889 Ga	6	7	M.	66-70-67	.81- .85- .82
1889 Me	6	10	M.	60-60-60	.45- .90- .81
1889 Md.	6	11	M.	(a)	.27-1.00- .43
1889 Mass	6	23	M.	b 60-60-60	.72-1.00- .96
1889 Mass	6	4	F.	(a)	.75- .75- .75
1889 Mass	190	9	M.	60-60-60	.45- .76- .62
1889 N. H	6	15	M.	60-60-60	.50-1.05- .65
1889 N. Y.	6	10	M.	(a)	.50- .65- .60
1889 Pa	6	22	M.	(a)	.34- .73- .46
1889 Pa	6	1	F.	(a)	.34- .34- .34
1889 S. C	6	1	M.	66-66-66	.30- .30- .30
1889 Tenn.	6	18	M.	66-66-66	.25- .55- .43
1889 Va	6	2	M.	(a)	.15- .19- .17
1889 England	6	(a)	M.	c 56-57 —	.55- .89- —
1890 Ala	6	1	M.	69-69-69	.19- .19- .19
1890 Conn.	6	3	M.	(a)	.46- .46- .46
1890 Mass	190	9	M.	60-60-60	.45- .76- .62
1890 Miss	6	2	M.	66-66-66	0.35-0.35-0.35
1890 N. J	6	5	M.	60-60-60	.50- .70- .58
1890 N. Y.	6	1	M.	60-60-60	.50- .50- .50
1890 N. Y.	333	17	M.	(a)	.75-1.25- .78
1890 N. Y.	333	8	F.	(a)	.50- .67- .54
1890 N. C	6	4	M.	69-69-69	.25- .25- .25
1890 R. I	6	3	M.	(a)	1.00-1.00-1.00
1890 England	6	(a)	(a)	57-57-57	.81- .81- .81
1890 Germany	6	(a)	M.	(a)	.28- .48- —
1890 Ireland	99	(a)	M.	57-57-57	.25- .56- —
1891 Mass	190	9	M.	60-60-60	.45- .90- .61
1891 N. Y.	333	108	M.	(a)	.50-1.35- .79
1891 N. Y.	333	11	F.	(a)	.58- .75- .63
1891 Belgium	457	(a)	M.	72-72-72	.37- .49- —
1892 Me	258	3	M.	60-60-60	1.00-1.00-1.00
1892 Mass	20	16	M.	58-60-60	.49-1.00- .81
1892 France	505	(a)	M.	72-72-72	.39- .48- —
1893 Mass	20	11	M.	58-58-58	.54-1.00- .80
1894 Me	260	2	M.	60-60-60	.72- .72- .72
1894 Mass	20	10	M.	58-58-58	.54-1.00- .82
1894 N. Y.	8	5	M.	60-60-60	.65- .65- .65
1894 Ohio	375	8	M.	60-60-60	1.17-1.17-1.17
1894 France	129	(a)	F.	60-60-60	.66- .66- .66
1894 Spain	133	(a)	M.	(a)	.46- .50- —
1894 Spain	133	(a)	F.	(a)	.30- .50- —
1895 Ga	8	9	M.	66-66-66	.30- .75- .56
1895 Mass	7	1	M.	58-58-58	.54- .54- .54
1895 Mass	20	10	M.	58-58-58	.54-1.00- .82
1895 Miss.	7	1	M.	60-60-60	.25- .25- .25
1895 N. H	7	10	M.	60-60-60	.45-1.25- .77
1895 N. J	7	8	M.	60-60-60	.42- .50- .48
1895 N. Y.	7	9	M.	60-60-60	.67-1.04- .79
1895 N. C	8	17	M.	66-69-69	.33- .40- .38
1895 Pa	7	16	M.	60-60-60	.57-1.00- .68
1895 Pa	8	1	M.	60-60-60	1.00-1.00-1.00
1895 Tenn	7	2	M.	66-66-66	.50- .90- .70
1896 Ga	7	17	M.	63-66-65	.30-1.25- .66
1896 Ind	7	1	M.	60-60-60	1.50-1.50-1.50
1896 Ky	7	4	M.	60-60-60	.45- .45- .45
1896 Ky	7	5	F.	60-60-60	.67-1.17- .88
1896 N. H	7	3	M.	60-60-60	1.00-1.00-1.00
1896 N. C	7	1	M.	69-69-69	.60- .60- .60
1896 Pa	7	74	M.	57-60-60	.25-1.08- .50
1896 Pa	7	14	F.	60-60-60	.42- .54- .47
1896 Pa	394	1	F.	66-60-60	1.00-1.00-1.00
1896 R. I	7	1	M.	60-60-60	.60- .60- .60
1896 S. C	7	1	M.	66-66-66	.30- .30- .30

BOBBINET MAKERS.

1897	France	511	(a)	M.	d 60-72 —	.77-1.16- —	1898	France	512	(a)	M.	e 60-72 —	.45-2.52- —
1897	France	511	(a)	F.	(a)	.39- .39- .39	1898	France	512	(a)	F.	72-72-72	.29- .29- .29
1897	France	511	(a)	(a)	(a)	.29- .29- .29	1898	France	512	(a)	(a)	72-72-72	.24- .24- .24

BOBBIN FILLERS, CLOTHING.

1885	Conn.	7	3	M.	60-60-60	.46- .67- .53	1887	Minn	3	2	F.	(a)	.42- .46- .44
1886	Md.	3	2	F.	58-60-59	.25- .25- .25	1887	N. Y.	3	1	F.	60-60-60	.50- .50- .50
1886	Mo.	3	2	F.	55-59-57	.33- .42- .38	1888	Ga	3	1	F.	53-53-53	.23- .23- .23
1886	N. J	3	1	F.	60-60-60	.42- .42- .42	1888	N. Y.	331	1	M.	54-54-54	.67- .67- .67
1887	Cal.	3	1	F.	60-60-60	.50- .50- .50	1891	Mich.	283	1	F.	(a)	.33- .33- .33
1887	Mass	3	3	F.	52-53-53	.58-1.00- .72	1894	N. Y.	8	1	F.	60-60-60	.33- .33- .33

a Not reported.
b Not including hours of 4 persons not reported.
c Applies to but 5 of the 8 wage quotations.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 5 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOBBIN MAKERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 N. J	322	2 (a)	60-60-60	2.00-2.00-2.00	1891 N. Y	333	5 M.	(a)	1.00-2.00-1.35

BOBBIN MEN, COTTON GOODS.

1861	Mass	190	2	M.	66-66-66	1.25-1.58-1.42	1870	Mass	190	4	M.	66-66-66	2.00-2.75-2.38
1862	Mass	190	2	M.	66-66-66	1.25-1.75-1.50	1871	Mass	190	4	M.	66-66-66	2.25-2.75-2.50
1863	Mass	190	1	M.	66-66-66	1.75-1.75-1.75	1872	Mass	190	4	M.	66-66-66	2.25-3.00-2.63
1864	Mass	190	1	M.	60-60-60	2.25-2.25-2.25	1873	Mass	190	4	M.	66-66-66	2.00-3.00-2.50
1865	Mass	190	1	M.	60-60-60	2.17-2.17-2.17	1874	Mass	190	4	M.	66-66-66	1.75-2.75-2.25
1866	Mass	190	4	M.	66-66-66	1.33-2.75-2.04	1875	Mass	190	4	M.	60-60-60	1.26-2.50-1.88
1867	Mass	190	4	M.	66-66-66	1.40-2.75-2.08	1876	Mass	190	4	M.	60-60-60	1.26-1.98-1.62
1868	Mass	190	4	M.	66-66-66	1.33-2.75-2.04	1877	Mass	190	4	M.	60-60-60	1.26-1.98-1.62
1869	Mass	190	6	M.	66-66-66	2.00-2.75-2.50	1885	Conn	1	1	M.	66-66-66	1.50-1.50-1.50

BOBBIN SORTERS.

1872	Russia	612	(a)	(a)	69-69-69	.14- .14- .14	1892	Mass	20	1	M.	60-60-60	.75- .75- .75
1885	N. Y	1	1	F.	60-60-60	1.15-1.15-1.15	1892	Mass	20	1	F.	60-60-60	.75- .75- .75
1886	Pa	7	1	F.	60-60-60	.45- .45- .45	1893	Mass	20	1	F.	58-58-58	.85- .85- .85
1889	Mass	6	1	M.	60-60-60	1.00-1.00-1.00	1894	Mass	20	1	F.	58-58-58	.80- .80- .80
1890	N. Y	333	1	M.	(a)	1.15-1.15-1.15	1895	Mass	20	1	F.	58-58-58	.80- .80- .80
1891	N. Y	333	1	M.	(a)	1.15-1.15-1.15	1896	Pa	7	1	F.	60-60-60	.50- .50- .50

BOBBIN WINDERS, WIRE AND WIRE GOODS.

1884	Mass	7	1	M.	57-57-57	.67- .67- .67	1895	Mass	7	2	M.	57-57-57	.83- .92- .88
1888	N. Y	331	20	M.	(a)	1.00-1.00-1.00	1895	Mass	7	1	F.	57-57-57	.75- .75- .75
1890	Mich	282	11	M.	60-60-60	.42- .50- .45							

BODY MAKERS, CARRIAGES AND WAGONS.

1839	England	562	(a)	M.	61-61-61	1.42-1.42-1.42	1863	England	565	(a)	(a)	c 60-60-60	.81-2.07- —
1839	England	563	(a)	(a)	60-60-60	1.46-1.46-1.46	1863	Ireland	565	(a)	(a)	63-63-63	1.70-1.70-1.70
1840	Scotland	563	(a)	(a)	60-60-60	.81- .81- .81	1863	Scotland	565	(a)	(a)	(a)	.81-1.01- —
1849	England	562	(a)	M.	61-61-61	1.42-1.42-1.42	1866	Scotland	566	(a)	M.	57-57-57	.89-1.22- —
1849	England	563	(a)	(a)	60-60-60	1.46-1.46-1.46	(d)	Ireland	567	(a)	M.	c 60-60-60	1.32-2.03- —
1850	Scotland	563	(a)	(a)	60-60-60	.85- .85- .85	1871	England	629	(a)	(a)	(a)	1.14-1.62- —
1855	England	561	(a)	(a)	(a)	1.22-1.22-1.22	1872	Germany	185	(a)	(a)	(a)	.92- .92- .92
1855	Ireland	561	(a)	(a)	(a)	1.58-1.83- —	1874	Canada	185	(a)	M.	60-60-60	1.75-1.75-1.75
1856	England	561	(a)	(a)	(a)	1.22-1.22-1.22	1874	Scotland	177	(a)	M.	51-51-51	1.08-1.17- —
1856	Ireland	561	(a)	(a)	(a)	1.58-1.83- —	1875	Scotland	177	(a)	M.	51-51-51	1.08-1.17- —
1857	England	561	(a)	(a)	(a)	1.22-1.22-1.22	1876	Scotland	177	(a)	M.	51-51-51	1.08-1.17- —
1857	Ireland	561	(a)	(a)	(a)	1.58-1.95- —	1877	England	570	(a)	M.	53-56 —	1.22-1.87- —
1857	Ireland	563	(a)	(a)	60-60-60	1.14-1.22- —	1877	Ireland	570	(a)	M.	(a)	1.45-1.45-1.45
(b)	Scotland	561	(a)	(a)	(a)	.97- .97- .97	1877	Scotland	177	(a)	M.	51-51-51	1.08-1.17- —
1858	England	562	(a)	M.	(a)	1.22-1.22-1.22	1878	Australia	177	(a)	M.	60-60-60	2.03-3.24- —
1858	Ireland	563	(a)	(a)	60-60-60	1.62-2.03- —	1878	Scotland	177	(a)	M.	51-51-51	1.08-1.33- —
1859	England	562	(a)	M.	61-61-61	1.42-1.42-1.42	1879	Pa	384	19	(a)	60-60-60	1.35-2.50-2.15
1859	England	563	(a)	M.	60-60-60	1.22-1.62- —	1880	England	571	(a)	M.	c 57-57-57	1.22-1.82- —
1859	Ireland	563	(a)	(a)	60-60-60	1.62-2.03- —	1880	Ireland	571	(a)	M.	45-45-45	1.74-1.74-1.74
1860	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1881	N. J	320	1	M.	60-60-60	2.75-2.75-2.75
1860	Ireland	563	(a)	(a)	60-60-60	1.14-2.03- —	1881	Ohio	7	7	M.	60-60-60	1.75-3.00-2.23
1860	Scotland	563	(a)	(a)	60-60-60	.89- .89- .89	1881	Ohio	363	1	M.	60-60-60	2.00-2.00-2.00
1861	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1882	N. J	321	2	M.	f 60-60-60	1.33-2.17-1.75
1861	Scotland	564	(a)	(a)	60-60-60	1.01-1.01-1.01	1882	Ohio	364	176	(a)	g 54-60-60	1.67-3.00-2.20

a Not reported.
b Average for 1855–57.
c Applies to but 1 of the 3 wage quotations.
d Average for 1867–68.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 1 person not reported.
g Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BODY MAKERS, CARRIAGES AND WAGONS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Mass	273	30 M.	(a)	2.67-3.00-2.81
1883 N. J	322	15 M.	60-60-60	1.50-2.50-1.73
1883 Ohio	365	6 M.	60-60-60	2.00-2.33-2.10
1883 Australia	174	(a) (a)	(a)	2.19-2.55- —
1883 Gr't Brit	273	(a) M.	(a)	.85-1.54- —
1883 Ireland	572	(a) M.	50-50-50	1.62-1.62-1.62
1884 N. J	323	15 M.	60-60-60	1.80-2.50-2.37
1884 Ohio	366	2 M.	63-63-63	2.13-2.13-2.13
1884 Australia	178	(a) (a)	48-48-48	2.03-3.65- —
1884 Aust-Hun	178	(a) (a)	60-60-60	.60-1.07- —
1884 England	178	(a) M.	(a)	1.14-1.46- —
1884 Ireland	178	(a) M.	56-56-56	1.34-1.34-1.34
1884 Italy	178	(a) M.	60-72 —	.48- .97- —
1884 Spain	178	(a) M.	63-63-63	.57- .96- —
1884 Wales	178	(a) M.	54-54-54	1.22-1.30- —
1885 Conn	1	80 M.	60-60-60	2.00-3.25-2.44
1885 N. J	1	10 M.	60-60-60	2.50-2.50-2.50
1885 N. J	324	7 M.	60-60-60	1.67-2.33-1.93
1885 Ohio	1	49 M.	60-60-60	1.50-2.25-1.90
1885 Australia	175	(a) (a)	(a)	b2.03-3.65- —
1886 Conn	2	130 M.	60-60-60	2.25-3.00-2.74
1886 Australia	184	(a) M.	(a)	2.03-3.24- —
1886 C. of G'd H.	483	(a) (a)	(a)	1.46-2.43- —
1886 England	604	(a) M.	(a)	1.28-1.81- —
1886 Ireland	604	(a) M.	(a)	1.16-1.56- —
1886 Scotland	604	(a) M.	(a)	1.16-1.16-1.16
1887 Ohio	369	277 M.	60-60-60	1.50-3.00-2.21
1887 Wis	409	22 M.	(a)	1.72-1.72-1.72
1887 Germany	557	(a) (a)	60-60-60	.79-1.07- —
1888 N. Y	331	55 M.	c54-60-58	1.50-5.00-2.64
1888 C. of G'd H.	483	(a) (a)	(a)	1.95-3.65- —
1889 N. C	344	1 M.	60-60-60	1.50-1.50-1.50
1890 Mich	282	1 M.	60-60-60	1.25-1.25-1.25
1890 Ohio	371	119 (a)	54-66-60	1.15-3.00-2.16
1890 Australia	423	(a) (a)	48-48-48	1.95-2.19- —
1890 C. of G'd H.	486	(a) M.	(a)	.73-3.65- —
1891 N. Y	333	35 M.	(a)	1.00-4.17-2.16
1892 Ind	227	8 M.	60-60-60	1.35-1.35-1.35
1892 Australia	424	(a) M.	(a)	1.22-3.04- —
1892 C. of G'd H.	486	(a) M.	(a)	1.10-3.41- —
1893 Ohio	374	28 M.	d48-60-53	1.90-3.00-2.46
1893 Aust-Hun	448	(a) M.	66-66-66	.61- .74- —
1894 N. H	316	2 M.	e50-50-50	2.00-2.50-2.25
1894 N. Y	8	2 M.	60-60-60	1.75-2.00-1.88
1894 N. C	8	2 M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	119 M.	42-60-59	1.50-3.00-2.02
1894 Australia	425	(a) (a)	(a)	1.62-2.43- —
1894 C. of G'd H.	487	(a) M.	54-60 —	1.70-2.92- —
1895 N. C	349	3 M.	60-60-60	1.75-1.75-1.75
1895 Ohio	376	90 M.	45-60-57	1.75-3.00-2.19
1895 Australia	426	(a) (a)	(a)	1.62-2.43- —
1896 Mich	288	1 (a)	60-60-60	2.00-2.00-2.00
1896 Ohio	7	12 M.	60-60-60	1.33-3.33-2.31
1896 Ohio	377	53 M.	36-60-53	1.75-2.50-2.05
1896 Australia	427	(a) (a)	(a)	1.62-2.43- —
1897 Australia	428	(a) (a)	(a)	1.42-2.43- —
1898 Australia	419	(a) (a)	(a)	1.95-1.95-1.95
1898 Australia	429	(a) (a)	(a)	1.42-2.43- —

BODY MAKERS, HATS AND CAPS.

1839	England	562	(a)	M.	60-60-60	1.30-1.38- —	1880	England	571	(a)	M.	60-60-60	.35-1.11- —
1849	England	562	(a)	M.	60-60-60	.81-1.22- —	1880	England	571	(a)	F.	60-60-60	.49- .67- —
1859	England	562	(a)	M.	60-60-60	.89-1.01- —	1881	Mo	7	2	M.	(a)	3.97-4.35-4.16
1860	Ireland	563	(a)	(a)	59-59-59	.85- .85- .85	1883	Gr't Brit	273	(a)	M.	(a)	1.22-1.54- —
1863	England	565	(a)	(a)	(a)	1.22-1.58- —	1883	Gr't Brit	273	(a)	F.	(a)	.49- .57- —
1866	England	566	(a)	M.	48-48-48	1.01-1.01-1.01	1883	Gr't Brit	273	(a)	(a)	(a)	.37- .57- —
1866	Scotland	566	(a)	M.	f60-60-60	1.34-1.38- —	1884	Mo	7	2	M.	(a)	3.52-3.93-3.73
(g)	England	567	(a)	M.	66-66-66	1.30-1.30-1.30	1884	Scotland	178	(a)	M.	55-55-55	2.23-2.23-2.23
1871	England	629	(a)	M.	60-60-60	1.22-2.03- —	1885	N. J	324	1	M.	54-54-54	3.33-3.33-3.33
1871	Ireland	568	(a)	M.	(a)	.97-1.22- —	1888	N. Y	331	1	M.	60-60-60	2.50-2.50-2.50
1872	Ireland	185	(a)	M.	(a)	.97-1.21- —	1890	N. Y	333	19	M.	(a)	2.30-5.75-2.81
1877	England	570	(a)	M.	58-60 —	.87- .98- —	1891	N. Y	333	20	M.	(a)	2.50-3.16-2.68
1877	England	570	(a)	F.	60-60-60	.41- .41- .41	1895	Mo	7	3	M.	60-60-60	2.71-3.83-3.18
1880	N. Y	7	14	M.	(a)	2.29-2.68-2.50	1895	N. Y	7	12	M.	57-57-57	1.58-2.67-2.07

BODY MAKERS' HELPERS, HATS AND CAPS.

1888	N. Y	331	1	M.	60-60-60	1.00-1.00-1.00

BODY SHEET WORKERS, PETROLEUM PRODUCTS.

1890	N. Y	333	28	M.	(a)	1.38-1.75-1.59	1891	N. Y	333	28	M.	(a)	1.38-1.75-1.59

a Not reported.
b And board and lodging.
c Not including hours of 37 persons not reported.
d Not including hours of 10 persons not reported.
e Not including hours of 1 person not reported.
f Applies to but 1 of the 2 wage quotations.
g Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER CLEANERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 England	177	(a) M.	61-61-61	0.72-1.00- —
1877 Pa	382	1 M.	48-48-48	1.80-1.80-1.80
1878 Pa	383	1 M.	60-60-60	1.60-1.60-1.60
1878 England	177	(a) M.	54-54-54	.88-1.20- —
1884 Ceylon	178	(a) (a)	(a)	.60- .60- .60
1884 England	178	(a) M.	54-54-54	.75-1.08- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.45- .57- —
1885 Mich	279	13 M.	(a)	1.20-1.92-1.50
1885 Ohio	1	4 M.	72-72-72	1.32-1.32-1.32
1885 Gr't Brit	1	(a) M.	72-72-72	1.32-1.32-1.32
1886 England	604	(a) M.	(a)	.70- .90- —
1887 Md	4	37 M.	(a)	1.10-1.75-1.43
1887 Mass	4	2 M.	(a)	1.50-1.50-1.50
1887 Mich	4	6 M.	60-60-60	1.60-1.75-1.63
1887 Mich	4	2 M.	(a)	b.17- .17- .17
1887 N. J	4	1 M.	(a)	1.75-1.75-1.75
1887 N. Y	4	21 M.	(a)	1.25-1.58-1.41
1887 Ohio	369	6 M.	60-60-60	1.25-1.50-1.29
1887 Oregon	4	5 M.	(a)	2.30-2.53-2.46
1887 Pa	4	57 M.	c60-60-60	1.20-2.00-1.55
1887 Pa	4	1 M.	(a)	b.14- .14- .14
1887 Wis	4	7 M.	(a)	1.50-1.75-1.61
1887 Germany	557	(a) (a)	(a)	.65- .65- .65
1888 Mich	280	1 M.	60-60-60	1.34-1.34-1.34
1888 N. Y	331	2 M.	60-60-60	1.57-1.57-1.57
1888 Australia	432	(a) M.	(a)	1.83-1.83-1.83
1888 Canada	470	(a) M.	68-68-68	1.68-1.68-1.68
1888 England	5	(a) M.	d84-84-84	.61- .65- —
1889 Mo	5	1 M.	(a)	1.00-1.00-1.00
1889 N. Y	5	32 M.	e60-60-60	.50-1.25- .81
1889 Ohio	5	5 M.	70-70-70	1.60-1.60-1.60
1889 Australia	432	(a) M.	(a)	1.70-1.83- —
1889 Belgium	5	(a) M.	(a)	.17- .75- —
1889 England	5	(a) M.	(a)	.61- .83- —
1889 France	5	(a) M.	f60-60-60	.17- .85- —
1889 Germany	5	(a) M.	72-72-72	.25- .25- .25
1889 Scotland	5	(a) M.	66-66-66	.95- .95- .95
1891 Belgium	457	(a) M.	72-72-72	.54- .54- .54
1892 Iowa	235	2 (a)	60-60-60	1.40-1.50-1.45
1893 Mich	285	6 M.	60-60-60	1.25-2.00-1.53
1893 Mont	307	3 M.	g54-54-54	2.00-2.25-2.08
1893 Ohio	374	8 M.	48-72-57	1.50-1.76-1.66
1895 Mass	7	1 M.	60-60-60	1.75-1.75-1.75
1895 Ohio	376	4 M.	60-60-60	1.50-1.50-1.50
1896 Mont	310	2 M.	(a)	2.94-2.94-2.94
1896 Germany	560	(a) M.	(a)	.48- .48- .48
1897 Mont	311	2 (a)	(a)	2.88-2.88-2.88
1897 Ohio	377	2 (a)	60-60-60	1.15-1.15-1.15
1897 Australia	418	(a) (a)	(a)	2.03-2.03-2.03
1898 Nebr	314	2 (a)	60-60-60	1.75-1.75-1.75
1898 Belgium	454	(a) (a)	(a)	b.05½-.05½-.05½

BOILER FITTERS.

1884	Germany	178	(a)	M.	(a)	1.00-1.29- —	1887	Scotland	599	(a) M.	(a)	1.34-1.34-1.34
1887	Md	4	1	M.	(a)	2.90-2.90-2.90	1890	Mich	282	13 M.	60-60-60	1.42-1.83-1.63

BOILER INSPECTORS.

1884	Pa	388	1	M.	(a)	2.80-2.80-2.80	1887	Pa	4	2	M.	(a)	b.13- .15- .14
1887	Md	4	1	M.	(a)	2.00-2.00-2.00	1889	Australia	432	(a)	M.	(a)	3.96-3.96-3.96
1887	Mass	4	1	M.	(a)	3.26-3.26-3.26							

BOILER MAKERS.

1839	England	562	(a)	M.	58-58-58	.89- .89- .89	1855	Md	190	4	M.	60-60-60	1.50-2.50-1.79
1840	England	564	(a)	(a)	61-61-61	.61-1.01- —	1855	N. Y	190	18	M.	60-60-60	1.13-1.75-1.51
1844	N. Y	190	3	M.	60-60-60	1.00-1.25-1.17	1855	England	561	(a)	(a)	(a)	1.14-1.14-1.14
1845	N. Y	190	3	M.	60-60-60	1.00-1.38-1.13	1856	Conn	190	24	M.	60-60-60	1.20-2.37-1.59
1846	N. Y	190	4	M.	60-60-60	1.00-1.38-1.09	1856	Md	190	7	M.	60-60-60	1.50-2.50-1.69
1847	N. Y	190	8	M.	60-60-60	1.00-1.50-1.16	1856	N. Y	190	22	M.	60-60-60	1.25-1.88-1.54
1848	N. Y	190	9	M.	60-60-60	1.00-1.50-1.21	1856	England	561	(a)	(a)	(a)	1.14-1.14-1.14
1849	N. Y	190	5	M.	60-60-60	1.25-1.50-1.33	1856	Scotland	562	(a)	M.	(a)	.85- .97- —
1849	England	562	(a)	M.	58-58-58	1.22-1.22-1.22	1857	Conn	190	33	M.	60-60-60	1.20-2.50-1.72
1850	N. Y	190	5	M.	60-60-60	1.25-1.38-1.30	1857	Md	190	4	M.	60-60-60	1.50-2.50-1.83
1850	England	564	(a)	(a)	61-61-61	.73- .85- —	1857	N. Y	190	14	M.	60-60-60	1.25-1.88-1.58
1851	N. Y	190	12	M.	60-60-60	1.13-1.50-1.28	1857	England	561	(a)	(a)	(a)	1.14-1.14-1.14
1852	N. Y	190	18	M.	60-60-60	1.13-1.90-1.42	1857	Ireland	561	(a)	(a)	(a)	.89-1.30- —
1853	Conn	190	29	M.	60-60-60	1.00-2.25-1.49	1857	Scotland	562	(a)	M.	(a)	.85-1.01- —
1853	France	712	(a)	M.	(a)	.43- .87- —	1858	Conn	190	20	M.	60-60-60	1.25-2.37-1.67
1854	Conn	190	41	M.	60-60-60	1.00-2.25-1.41	1858	Md	190	2	M.	60-60-60	1.83-2.50-2.17
1854	N. Y	190	19	M.	60-60-60	1.13-1.63-1.45	1858	N. Y	190	1	M.	60-60-60	1.37-1.37-1.37
1855	Conn	190	18	M.	60-60-60	1.10-2.25-1.49	1858	England	563	(a)	M.	63-63-63	1.14-1.14-1.14

a Not reported.
b Per hour.
c Not including hours of 54 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Not including hours of 31 persons not reported.
f Applies to but 1 of the 4 wage quotations.
g Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1858 Ireland	563	(a)	(a)	63-63-63	1.22-1.46- —
1858 Scotland	562	(a)	M.	(a)	.81- .97- —
1859 Conn.	190	16	M.	60-60-60	1.25-2.00-1.63
1859 Md.	190	5	M.	60-60-60	1.25-2.50-1.67
1859 England	177	(a)	M.	59-59-59	1.27-1.27-1.27
1859 England	562	(a)	M.	58-58-58	1.30-1.30-1.30
1859 England	563	(a)	M.	58-63 —	.85-1.14- —
1859 Ireland	563	(a)	(a)	63-63-63	1.22-1.46- —
1859 Scotland	563	(a)	(a)	(a)	.85- .85- .85
1860 Conn.	190	4	M.	60-60-60	1.63-2.00-1.77
1860 Md.	190	4	M.	60-60-60	1.50-2.50-1.79
1860 N. Y.	190	3	M.	60-60-60	1.13-1.25-1.21
1860 England	45	(a)	M.	(a)	1.22-1.22-1.22
1860 England	564	(a)	(a)	57-60 —	.65-1.14- —
1860 Ireland	563	(a)	(a)	60-63 —	1.10-1.46- —
1860 Russia	609	(a)	(a)	(a)	.62- .62- .62
1860 Scotland	563	(a)	(a)	(a)	.87- .87- .87
1861 Conn.	190	3	M.	60-60-60	1.75-1.88-1.79
1861 Md.	190	1	M.	60-60-60	1.50-1.50-1.50
1861 N. Y.	190	5	M.	60-60-60	1.50-1.75-1.60
1861 England	564	(a)	(a)	57-60 —	.85-1.14- —
1861 Scotland	564	(a)	(a)	(a)	.89-1.10- —
1862 Conn.	190	22	M.	60-60-60	1.25-2.50-1.68
1862 Md.	190	2	M.	60-60-60	1.67-2.25-1.96
1862 N. Y.	190	8	M.	60-60-60	1.25-1.75-1.55
1862 Italy	633	(a)	M.	(a)	.31- .34- —
1863 Conn.	190	29	M.	60-60-60	1.40-2.75-1.92
1863 Md.	190	8	M.	60-60-60	1.83-2.00-1.92
1863 N. Y.	190	14	M.	60-60-60	1.00-2.13-1.51
1863 England	565	(a)	(a)	b 57-60 —	.95-1.22- —
1863 Ireland	565	(a)	(a)	63-63-63	1.22-1.22-1.22
1863 Italy	633	(a)	M.	(a)	.41- .41- .41
1863 Scotland	565	(a)	(a)	(a)	.92-1.10- —
1864 Conn.	190	61	M.	60-60-60	1.40-3.50-2.24
1864 Md.	190	8	M.	60-60-60	2.00-3.00-2.22
1864 N. Y.	190	33	M.	60-60-60	1.25-2.50-1.78
1864 Italy	633	(a)	M.	72-72-72	.50- .50- .50
1865 Conn.	190	61	M.	60-60-60	2.00-4.00-2.66
1865 Md.	190	11	M.	60-60-60	2.50-3.50-2.87
1865 N. Y.	190	31	M.	60-60-60	1.38-2.75-2.32
1865 Germany	177	(a)	M.	66-66-66	.60- .60- .60
1866 Conn.	190	43	M.	60-60-60	2.00-4.00-2.66
1866 Md.	190	11	M.	60-60-60	2.25-3.33-2.57
1866 N. Y.	190	19	M.	60-60-60	1.25-2.63-2.06
1866 England	566	(a)	M.	59-59-59	1.22-1.22-1.22
1866 Germany	177	(a)	M.	66-66-66	.60- .60- .60
1866 Scotland	566	(a)	M.	60-60-60	1.01-1.01-1.01
1867 Conn.	190	45	M.	60-60-60	2.00-5.00-2.73
1867 Md.	190	3	M.	60-60-60	2.50-3.33-2.94
1867 N. Y.	190	22	M.	60-60-60	1.38-3.00-2.17
1867 Germany	177	(a)	M.	66-66-66	.60- .60- .60
1867 Italy	633	(a)	M.	60-60-60	.63- .63- .63
1868 Conn.	190	27	M.	60-60-60	2.00-5.00-2.55
1868 Md.	190	6	M.	60-60-60	1.33-3.00-2.39
1868 N. Y.	190	19	M.	60-60-60	1.40-2.80-2.09
1868 Belgium	610	(a)	(a)	72-72-72	.58- .58- .58
(c) England	567	(a)	M.	59-60 —	1.05-1.22- —
1868 Germany	610	(a)	M.	(a)	.36- .61- —
1868 Italy	633	(a)	M.	60-72 —	.44- .63- —
(c) Scotland	567	(a)	M.	59-59-59	.93-1.01- —
1869 Conn.	190	34	M.	60-60-60	2.00-5.00-2.66
1869 Md.	190	7	M.	60-60-60	2.25-3.33-2.40
1869 N. Y.	190	19	M.	60-60-60	1.40-3.00-2.07
1869 England	177	(a)	M.	59-59-59	1.22-1.22-1.22
1869 Germany	177	(a)	M.	66-66-66	.60- .60- .60
1869 Germany	713	(a)	M.	(a)	1.11-1.11-1.11
1869 Italy	633	(a)	M.	d 60-60-60	.44- .63- —
1869 Peru	609	(a)	(a)	(a)	2.92-4.38- —
1869 Russia	185	(a)	(a)	(a)	0.74-0.74-0.74
1870 Cal.	16	31	M.	54-60-56	3.00-4.00-3.38
1870 Conn.	190	28	M.	60-60-60	1.88-3.50-2.54
1870 Ill	16	16	M.	60-60-60	2.75-3.50-3.28
1870 La	16	15	M.	60-60-60	3.50-4.00-3.63
1870 Md.	16	30	M.	60-60-60	2.00-2.50-2.19
1870 Md.	190	8	M.	60-60-60	2.25-3.33-2.39
1870 Mass.	4	1	M.	(a)	2.70-2.70-2.70
1870 Mass.	16	13	M.	60-60-60	2.00-3.75-2.61
1870 Minn.	16	19	M.	60-60-60	3.50-3.50-3.50
1870 Mo.	16	23	M.	60-60-60	2.50-3.00-2.89
1870 N. Y.	16	39	M.	60-60-60	2.00-2.50-2.23
1870 N. Y.	190	26	M.	60-60-60	1.50-3.00-2.15
1870 Ohio	16	6	M.	60-60-60	2.00-3.25-2.63
1870 Pa.	16	50	M.	60-60-60	1.80-3.00-2.21
1870 England	16	(a)	M.	54-54-54	1.38-1.70- —
1870 England	45	(a)	M.	(a)	1.22-1.22-1.22
1870 England	177	(a)	M.	61-61-61	.92-1.16- —
1870 France	16	(a)	M.	(a)	1.35-1.35-1.35
1870 France	17	(a)	M.	(a)	1.16-1.16-1.16
1870 Germany	177	(a)	M.	66-66-66	.65- .65- .65
1870 Greece	610	(a)	M.	(a)	2.71-2.71-2.71
1870 Italy	610	(a)	M.	(a)	.39- .58- —
1870 Italy	633	(a)	M.	60-60-60	.58- .58- .58
1870 Norway	610	(a)	M.	(a)	.72- .90- —
1871 Cal.	16	36	M.	54-60-55	2.88-4.00-3.19
1871 Conn.	190	14	M.	60-60-60	2.00-3.00-2.46
1871 Ill.	16	22	M.	60-60-60	2.70-3.75-3.35
1871 La.	16	14	M.	60-60-60	3.50-4.00-3.64
1871 Md.	16	30	M.	60-60-60	2.00-2.50-2.19
1871 Md.	190	8	M.	60-60-60	2.25-3.33-2.42
1871 Mass.	16	13	M.	60-60-60	2.00-2.75-2.37
1871 Mass.	267	67	M.	(a)	1.86-1.86-1.86
1871 Minn.	16	19	M.	60-60-60	3.50-3.50-3.50
1871 Mo.	16	25	M.	60-60-60	2.50-3.00-2.90
1871 N. Y.	16	47	M.	60-60-60	2.00-2.50-2.25
1871 N. Y.	190	35	M.	60-60-60	1.40-3.00-2.08
1871 Ohio	16	7	M.	60-60-60	2.00-3.25-2.54
1871 Pa.	16	47	M.	60-60-60	2.00-3.50-2.28
1871 Brazil	611	(a)	M.	72-72-72	2.64-3.24- —
1871 England	16	(a)	M.	54-54-54	1.38-1.70- —
1871 England	568	(a)	M.	(a)	1.22-1.22-1.22
1871 England	629	(a)	(a)	e 59-59-59	.73-1.82- —
1871 France	16	(a)	M.	(a)	1.35-1.35-1.35
1871 France	17	(a)	M.	(a)	1.16-1.16-1.16
1871 France	712	(a)	M.	(a)	.58-1.06- —
1871 Germany	177	(a)	M.	66-66-66	.71- .71- .71
1871 Germany	185	(a)	M.	(a)	.86- .86- .86
1871 Italy	633	(a)	M.	d 60-60-60	.39- .63- —
1871 Norway	185	(a)	(a)	(a)	.72- .89- —
1871 Scotland	629	(a)	(a)	f 57-57-57	.85-1.22- —
1872 Cal.	16	36	M.	54-60-55	2.88-4.00-3.19
1872 Conn.	190	39	M.	60-60-60	1.75-4.50-2.52
1872 Ill.	16	20	M.	60-60-60	3.00-3.75-3.38
1872 La.	16	14	M.	60-60-60	3.50-4.00-3.61
1872 Md.	16	30	M.	60-60-60	2.00-2.50-2.19
1872 Md.	190	13	M.	60-60-60	2.25-3.33-2.39
1872 Mass.	16	12	M.	60-60-60	2.00-3.42-2.45
1872 Minn.	16	21	M.	60-60-60	3.50-3.50-3.50
1872 Mo.	16	26	M.	60-60-60	2.50-3.00-2.90
1872 N. Y.	16	51	M.	60-60-60	2.00-2.50-2.23
1872 N. Y.	190	38	M.	60-60-60	1.50-3.20-2.19
1872 Ohio	16	10	M.	60-60-60	2.00-3.25-2.53
1872 Pa.	16	50	M.	60-60-60	2.00-3.80-2.36
1872 Belgium	185	(a)	(a)	(a)	.80- .80- .80
1872 Belgium	598	(a)	(a)	(a)	.56- .60- —
1872 England	16	(a)	M.	54-54-54	1.38-1.70- —
1872 England	185	(a)	M.	g 54-54-54	1.09-1.53- —

a Not reported.
b Applies to but 2 of the 7 wage quotations.
c Average for 1867-68.
d Applies to but 1 of the 2 wage quotations.
e Applies to but 6 of the 9 wage quotations.
f Applies to but 1 of the 4 wage quotations.
g Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 France	16	(a) M.	(a)	1.35-1.35-1.35
1872 France	17	(a) M.	(a)	1.16-1.16-1.16
1872 Germany	185	(a) M.	(a)	.68-1.44- —
1872 Italy	633	(a) M.	b60-60-60	.39- .63- —
1872 Scotland	185	(a) M.	57-57-57	.32-1.21- —
1873 Cal.	16	31 M.	54-60-55	3.00-4.50-3.40
1873 Conn.	190	25 M.	60-60-60	1.75-4.50-2.59
1873 Ill.	16	25 M.	60-60-60	2.75-3.75-3.35
1873 La	16	16 M.	60-60-60	3.50-4.00-3.63
1873 Md.	16	30 M.	60-60-60	2.00-2.50-2.19
1873 Md.	190	2 M.	60-60-60	3.00-3.33-3.17
1873 Mass	16	18 M.	60-60-60	2.00-3.50-2.49
1873 Minn	16	21 M.	60-60-60	3.50-3.50-3.50
1873 Mo	16	41 M.	60-60-60	2.50-3.07-2.89
1873 N. Y.	16	32 M.	60-60-60	2.00-2.50-2.23
1873 N. Y.	190	29 M.	60-60-60	1.60-3.00-2.25
1873 Ohio	16	7 M.	60-60-60	2.00-3.25-2.61
1873 Pa	16	64 M.	60-60-60	2.00-3.80-2.37
1873 Belgium	598	(a) (a)	(a)	.58- .64- —
1873 England	16	(a) M.	54-54-54	1.38-1.70- —
1873 England	177	(a) M.	54-54-54	1.16-1.16-1.16
1873 England	185	(a) M.	(a)	c1.00-1.45- —
1873 France	16	(a) M.	(a)	1.35-1.35-1.35
1873 France	17	(a) M.	(a)	1.16-1.16-1.16
1873 Germany	177	(a) M.	66-66-66	.71- .77- —
1873 Germany	185	(a) M.	60-60-60	1.08-1.20- —
1873 Germany	711	(a) M.	(a)	d.06½-.06½-.06½
1873 Italy	633	(a) M.	e60-66 —	.39- .68- —
1873 Scotland	177	(a) M.	72-72-72	1.25-1.25-1.25
1873 Scotland	178	(a) M.	72-72-72	1.00-1.00-1.00
1874 Cal.	16	33 M.	54-60-55	2.88-4.50-3.39
1874 Conn.	190	49 M.	60-60-60	1.75-3.50-2.53
1874 Del	185	8 M.	60-60-60	2.50-2.50-2.50
1874 Ill.	16	2 M.	60-60-60	3.15-3.25-3.20
1874 La	16	16 M.	60-60-60	3.50-4.00-3.63
1874 Md.	16	31 M.	60-60-60	2.00-2.50-2.19
1874 Md.	190	2 M.	60-60-60	3.00-3.33-3.17
1874 Mass	16	16 M.	66-60-60	2.00-3.75-2.57
1874 Minn	16	19 M.	60-60-60	3.50-3.50-3.50
1874 Mo	16	45 M.	60-60-60	2.50-3.07-2.86
1874 N. Y.	16	31 M.	60-60-60	2.00-2.50-2.23
1874 N. Y.	190	20 M.	60-60-60	1.50-3.00-2.19
1874 Ohio	16	11 M.	60-60-60	2.00-3.38-2.64
1874 Pa	16	51 M.	60-60-60	1.80-3.30-2.23
1874 Pa	380	134 M.	(a)	1.60-3.00-2.15
1874 Va	16	1 M.	60-60-60	2.00-2.00-2.00
1874 Belgium	598	(a) (a)	(a)	.65- .68- —
1874 Canada	185	(a) M.	58-60 —	1.50-3.00- —
1874 England	16	(a) M.	54-54-54	1.38-1.74- —
1874 England	185	(a) (a)	54-54-54	1.29-1.53- —
1874 France	16	(a) M.	(a)	1.35-1.35-1.25
1874 France	17	(a) M.	(a)	1.16-1.16-1.16
1874 Germany	177	(a) M.	66-66-66	.71- .83- —
1874 Germany	185	(a) M.	(a)	.80-1.20- —
1874 Ireland	569	(a) M.	55-55-55	1.14-1.38- —
1874 Italy	633	(a) M.	f60-60-60	.41- .63- —
1874 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1874 Scotland	185	(a) M.	51-51-51	1.17-1.33- —
1874 Scotland	569	(a) M.	51-51-51	1.14-1.22- —
1875 Cal.	16	38 M.	54-60-55	3.00-4.50-3.34
1875 Conn	190	13 M.	60-60-60	2.00-3.00-2.56
1875 Ill	16	32 M.	60-60-60	3.00-3.15-3.05
1875 La	16	13 M.	60-60-60	3.50-4.00-3.62
1875 Md.	16	31 M.	60-60-60	2.00-2.50-2.19
1875 Md.	190	3 M.	60-60-60	2.25-3.50-2.67
1875 Mass	16	29 M.	60-60-60	2.00-3.00-2.50
1875 Minn	16	19 M.	60-60-60	3.50-3.50-3.50
1875 Mo.	16	48 M.	60-60-60	2.50-3.07-2.85
1875 N. Y	16	38 M.	60-60-60	2.00-2.50-2.20
1875 N. Y	190	17 M.	60-60-60	1.40-3.20-2.15
1875 Pa	16	41 M.	60-60-60	1.80-3.00-2.23
1875 Pa	380	202 M.	(a)	1.60-2.87-1.74
1875 Ohio	16	15 M.	60-60-60	2.00-3.38-2.50
1875 Va.	16	2 M.	60-60-60	2.00-2.00-2.00
1875 Belgium	598	(a) (a)	(a)	.61- .69- —
1875 Chile	184	(a) M.	(a)	3.06-3.50- —
1875 England	16	(a) M.	g54-54-54	1.38-1.70- —
1875 France	16	(a) M.	(a)	1.35-1.35-1.35
1875 France	17	(a) M.	(a)	1.16-1.16-1.16
1875 Germany	177	(a) M.	66-66-66	.71- .77- —
1875 Italy	633	(a) M.	h60-66 —	.41- .68- —
1875 Scotland	16	(a) M.	(a)	1.07-1.22- —
1875 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1876 Cal.	16	48 M.	54-60-56	3.00-4.00-3.34
1876 Conn.	190	12 M.	60-60-60	2.00-3.00-2.46
1876 Ill	16	16 M.	60-60-60	2.80-3.05-2.90
1876 La	16	17 M.	60-60-60	3.50-4.00-3.65
1876 Md.	16	41 M.	60-60-60	2.00-2.50-2.18
1876 Md.	190	2 M.	60-60-60	2.25-3.50-2.88
1876 Mass	16	19 M.	60-60-60	2.00-3.50-2.44
1876 Minn	16	17 M.	60-60-60	3.00-3.00-3.00
1876 Mo.	16	54 M.	60-60-60	2.50-3.25-2.57
1876 N. Y.	16	27 M.	60-60-60	2.00-2.50-2.20
1876 N. Y.	190	25 M.	60-60-60	1.40-3.20-1.83
1876 Ohio	16	10 M.	60-60-60	2.16-3.38-2.53
1876 Pa	16	68 M.	60-60-60	2.00-3.00-2.28
1876 Pa	381	341 M.	i48-60-56	1.62-2.90-2.07
1876 Pa	382	26 M.	(a)	d .20- .20- .20
1876 Va	16	2 M.	60-60-60	2.00-2.00-2.00
1876 Australia	171	(a) M.	48-48-48	2.24-2.56- —
1876 Belgium	598	(a) (a)	(a)	.62- .68- —
1876 England	16	(a) M.	54-54-54	1.38-1.70- —
1876 France	16	(a) M.	(a)	1.35-1.35-1.35
1876 France	17	(a) M.	(a)	1.21-1.21-1.21
1876 France	497	(a) M.	(a)	.51-1.74- —
1876 Italy	633	(a) M.	h60-66 —	.42- .68- —
1876 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1877 Cal.	16	46 M.	54-60-55	2.50-4.00-3.26
1877 Conn.	190	13 M.	60-60-60	1.75-2.75-2.27
1877 Ill	16	16 M.	60-60-60	2.80-3.05-2.90
1877 La	16	15 M.	60-60-60	3.50-4.00-3.63
1877 Md.	16	41 M.	60-60-60	2.00-2.50-2.18
1877 Md.	190	3 M.	60-60-60	2.00-3.00-2.33
1877 Mass	16	18 M.	60-60-60	1.92-3.25-2.39
1877 Minn	16	17 M.	60-60-60	3.00-3.00-3.00
1877 Mo.	16	40 M.	60-60-60	2.50-3.25-2.62
1877 N. Y.	16	24 M.	60-60-60	1.90-2.50-2.20
1877 N. Y.	190	31 M.	60-60-60	1.40-3.00-1.83
1877 Ohio	16	9 M.	60-60-60	2.00-3.38-2.40
1877 Ohio	359	88 M.	(a)	1.45-2.25-2.10
1877 Pa	16	53 M.	60-60-60	2.00-3.00-2.28
1877 Pa	382	111 M.	j42-60-55	1.62-3.45-1.92
1877 Pa	382	19 M.	(a)	d .16- .16- .16
1877 Va	16	2 M.	60-60-60	2.00-2.00-2.00
1877 Belgium	598	(a) (a)	(a)	.60- .61- —
1877 England	16	(a) M.	54-54-54	1.38-1.70- —
1877 England	45	(a) M.	(a)	1.38-1.38-1.38
1877 England	570	(a) M.	54-54-54	1.14-1.54- —
1877 France	16	(a) M.	(a)	1.35-1.35-1.35
1877 France	17	(a) M.	(a)	1.21-1.21-1.21
1877 Italy	633	(a) M.	k60-66 —	.42- .68- —
1877 Scotland	177	(a) M.	51-51-51	1.13-1.21- —

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c And house.
d Per hour.
e Applies to but 3 of the 6 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 7 of the 8 wage quotations.
h Applies to but 3 of the 4 wage quotations.
i Not including hours of 231 persons not reported.
j Not including hours of 10 persons not reported.
k Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Scotland	570	(a) M.	51-51-51	1.12-1.12-1.12
1878 Cal	16	49 M.	54-60-55	2.50-4.00-3.26
1878 Conn	190	17 M.	60-60-60	1.75-3.00-2.44
1878 Ill	16	19 M.	60-60-60	2.90-3.15-2.93
1878 La	16	14 M.	60-60-60	3.50-4.00-3.64
1878 Md	16	41 M.	60-60-60	2.00-2.50-2.18
1878 Md	190	3 M.	60-60-60	2.00-3.00-2.33
1878 Mass	16	16 M.	60-60-60	1.92-3.25-2.31
1878 Minn	16	17 M.	60-60-60	3.00-3.00-3.00
1878 Mo	16	54 M.	60-60-60	2.50-3.25-2.59
1878 N. Y	16	28 M.	60-60-60	1.80-2.50-1.98
1878 N. Y	190	25 M.	60-60-60	1.40-2.70-1.86
1878 Ohio	16	8 M.	60-60-60	2.00-3.38-2.48
1878 Ohio	360	23 M.	b60-60-60	1.75-2.00-1.85
1878 Pa	16	47 M.	60-60-60	1.90-2.75-2.21
1878 Pa	383	60 M.	c48-60-54	1.50-3.00-2.12
1878 Va	16	2 M.	60-60-60	1.50-1.67-1.59
1878 Australia	177	(a) M.	(a)	2.92-3.16- —
1878 Belgium	16	(a) M.	(a)	.68- .85- —
1878 Belgium	178	(a) M.	(a)	.86- .96- —
1878 Belgium	598	(a) (a)	(a)	.57- .61- —
1878 Canada	177	(a) M.	(a)	1.62-2.00- —
1878 England	16	(a) M.	54-54-54	1.38-1.70- —
1878 England	43	(a) (a)	(a)	1.26-1.26-1.26
1878 England	177	(a) M.	d54-54-54	.80-1.44- —
1878 England	178	(a) M.	54-54-54	.88- .88- .88
1878 France	16	(a) M.	(a)	1.35-1.35-1.35
1878 France	17	(a) M.	(a)	1.21-1.21-1.21
1878 France	177	(a) M.	(a)	.70-1.00- —
1878 Italy	633	(a) M.	e60-66 —	.44- .68- —
1878 Scotland	177	(a) M.	51-72 —	1.10-1.25- —
1878 Wales	177	(a) M.	(a)	1.00-1.40- —
1879 Cal	16	74 M.	54-60-57	2.50-3.75-3.18
1879 Conn	190	12 M.	60-60-60	1.50-2.50-1.96
1879 Ill	16	23 M.	60-60-60	2.80-3.05-2.90
1879 La	16	16 M.	60-60-60	3.50-4.00-3.60
1879 Md	16	41 M.	60-60-60	2.00-2.50-2.18
1879 Md	190	3 M.	60-60-60	2.00-3.00-2.33
1879 Mass	16	10 M.	60-60-60	1.92-3.25-2.33
1879 Minn	16	17 M.	60-60-60	3.00-3.00-3.00
1879 Mo	16	56 M.	60-60-60	2.27-4.00-2.49
1879 Mo	293	1 M.	60-60-60	5.00-5.00-5.00
1879 N. Y	16	16 M.	60-60-60	2.00-2.60-2.20
1879 N. Y	190	19 M.	60-60-60	1.30-2.70-1.71
1879 Ohio	16	6 M.	60-60-60	2.25-3.38-2.52
1879 Ohio	361	2 M.	(a)	2.30-3.50-2.90
1879 Pa	16	43 M.	60-60-60	2.00-2.67-2.26
1879 Pa	384	294 M.	f57-60-58	1.25-2.50-1.74
1879 Va	16	1 M.	60-60-60	1.75-1.75-1.75
1879 Belgium	16	(a) M.	(a)	.68- .85- —
1879 Belgium	598	(a) (a)	(a)	.54- .61- —
1879 Canada	185	(a) M.	(a)	g.12- .23- —
1879 England	16	(a) M.	54-54-54	1.38-1.70- —
1879 France	16	(a) M.	(a)	1.35-1.35-1.35
1879 France	17	(a) M.	(a)	1.21-1.21-1.21
1879 France	499	(a) M.	(a)	.54-1.83- —
1879 Germany	545	(a) M.	(a)	.48- .83- —
1879 Italy	633	(a) M.	h60-60-60	.44- .72- —
1880 Cal	16	37 M.	54-60-56	2.50-3.75-3.22
1880 Conn	190	12 M.	60-60-60	1.50-3.00-2.10
1880 Ill	16	19 M.	60-60-60	2.80-3.15-2.90
1880 Ill	205	33 M.	48-61-51	1.46-2.67-1.93
1880 La	16	15 M.	60-60-60	3.50-3.50-3.50
1880 Md	16	40 M.	60-60-60	2.00-2.50-2.17
1880 Md	190	3 M.	60-60-60	2.25-3.50-2.67
1880 Mass	16	12 M.	60-60-60	1.94-3.25-2.29
1880 Minn	16	18 M.	60-60-60	3.00-3.00-3.00
1880 Mo	16	55 M.	60-60-60	2.27-4.00-2.49
1880 N. J	319	2 (a)	60-65-63	2.00-2.25-2.13
1880 N. Y	16	13 M.	60-60-60	1.90-2.60-2.18
1880 N. Y	190	24 M.	60-60-60	1.30-2.60-1.76
1880 Ohio	16	7 M.	60-60-60	2.25-3.38-2.50
1880 Pa	16	65 M.	60-60-60	2.00-2.67-2.21
1880 Va	16	3 M.	60-60-60	1.67-2.00-1.89
1880 Belgium	16	(a) M.	(a)	.68- .83- —
1880 Belgium	598	(a) (a)	(a)	.55- .60- —
1880 England	16	(a) M.	54-54-54	1.38-1.70- —
1880 England	571	(a) M.	54-54-54	1.30-1.30-1.30
1880 France	16	(a) M.	(a)	1.49-1.49-1.49
1880 France	17	(a) M.	(a)	1.21-1.21-1.21
1880 France	500	(a) M.	(a)	.58-1.74- —
1880 Italy	633	(a) M.	i60-66 —	.46- .68- —
1880 Scotland	571	(a) M.	54-54-54	1.09-1.26- —
1880 Sweden	21	(a) (a)	(a)	.55- .55- .55
1881 Cal	16	56 M.	54-60-57	2.50-3.75-3.18
1881 Conn	190	19 M.	60-60-60	1.75-3.00-2.28
1881 Ill	2	60 M.	60-60-60	2.50-2.75-2.63
1881 Ill	16	23 M.	60-60-60	2.90-3.00-2.90
1881 La	16	16 M.	60-60-60	3.00-3.00-3.00
1881 Md	16	40 M.	60-60-60	2.00-2.50-2.17
1881 Md	190	3 M.	60-60-60	2.50-3.50-2.83
1881 Mass	16	23 M.	60-60-60	2.00-4.00-2.52
1881 Minn	16	18 M.	60-60-60	3.00-3.00-3.00
1881 Mo	16	56 M.	60-60-60	2.27-4.00-2.49
1881 N. J	320	4 M.	60-60-60	2.25-2.25-2.25
1881 N. Y	16	38 M.	60-60-60	2.00-2.60-2.15
1881 N. Y	190	39 M.	60-60-60	1.40-2.80-1.79
1881 Ohio	16	12 M.	60-60-60	2.00-3.38-2.40
1881 Ohio	363	45 M.	60-66-60	1.94-3.17-2.40
1881 Pa	2	425 M.	60-60-60	2.25-2.50-2.37
1881 Pa	16	65 M.	60-60-60	1.83-3.00-2.21
1881 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1881 Australia	431	(a) (a)	(a)	g.24½-.32½- —
1881 Belgium	16	(a) M.	(a)	.73- .85- —
1881 Belgium	598	(a) (a)	(a)	.57- .62- —
1881 England	16	(a) M.	54-54-54	1.38-1.70- —
1881 France	16	(a) M.	(a)	1.49-1.49-1.49
1881 France	17	(a) M.	(a)	1.21-1.39- —
1881 France	501	(a) M.	(a)	.58-1.74- —
1881 Germany	514	(a) (a)	(a)	.60- .73- —
1881 Italy	633	(a) M.	e60-66 —	.46- .72- —
1881 Scotland	29	(a) (a)	54-54-54	1.25-1.25-1.25
1882 Cal	16	43 M.	54-60-57	2.50-3.75-3.21
1882 Conn	190	25 M.	60-60-60	1.75-3.50-2.44
1882 Ill	16	20 M.	60-60-60	2.50-3.15-2.90
1882 La	16	14 M.	60-60-60	3.00-3.00-3.00
1882 Md	16	45 M.	60-60-60	2.00-2.50-2.26
1882 Md	190	3 M.	60-60-60	2.50-3.50-2.92
1882 Mass	16	19 M.	60-60-60	2.00-5.00-2.61
1882 Minn	16	19 M.	60-60-60	3.00-3.00-3.00
1882 Mo	16	79 M.	60-60-60	2.50-3.00-2.64
1882 Mo	294	12 M.	60-60-60	2.25-3.00-2.80
1882 N. Y	2	1918 M.	54-60-58	2.00-2.75-2.32
1882 N. Y	16	9 M.	60-60-60	2.25-2.50-2.35
1882 N. Y	190	39 M.	60-60-60	1.30-3.00-2.02
1882 Ohio	2	192 M.	60-60-60	2.25-2.47-2.36
1882 Ohio	16	12 M.	60-60-60	2.00-3.38-2.50
1882 Ohio	364	174 (a)	j57-60-60	2.00-3.50-2.34
1882 Pa	16	56 M.	60-60-60	2.00-3.00-2.29
1882 Va	16	2 M.	60-60-60	2.25-2.92-2.59

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 1 person not reported.
d Applies to but 4 of the 9 wage quotations.
e Applies to but 3 of the 4 wage quotations.
f Not including hours of 130 persons not reported.
g Per hour.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 4 of the 5 wage quotations.
j Not including hours of 16 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1882 Belgium	16	(a) M.	(a)	0.73-0.85- —
1882 Belgium	598	(a) (a)	(a)	.56- .64- —
1882 England	16	(a) M.	49-54 —	1.38-1.95- —
1882 France	16	(a) M.	(a)	1.49-1.49-1.49
1882 France	17	(a) M.	(a)	1.21-1.39- —
1882 France	502	(a) M.	(a)	.58-1.74- —
1882 Germany	30	(a) M.	(a)	.67- .67- .67
1882 Germany	554	(a) (a)	60-60-60	.78-1.79- —
1882 Italy	633	(a) M.	b 60-66 —	.48- .77- —
1882 Scotland	37	(a) M.	54-54-54	1.42-1.42-1.42
1883 Cal.	16	48 M.	54-60-57	2.50-4.00-3.16
1883 Conn.	190	22 M.	60-60-60	2.00-3.00-2.45
1883 Ill	16	24 M.	60-60-60	2.90-3.00-2.90
1883 La	2	50 M.	60-60-60	3.00-3.00-3.00
1883 La	16	12 M.	60-60-60	3.00-3.00-3.00
1883 Md.	16	50 M.	60-60-60	2.00-2.75-2.39
1883 Md.	190	3 M.	60-60-60	2.50-3.50-2.92
1883 Mass	16	18 M.	60-60-60	2.00-5.00-2.56
1883 Mass	273	165 M.	(a)	1.67-3.50-2.32
1883 Mich.	277	51 M.	(a)	.85-4.00-2.21
1883 Minn	16	19 M.	60-60-60	3.00-3.00-3.00
1883 Mo.	16	80 M.	60-60-60	2.50-3.00-2.64
1883 N. J	322	344 M.	c 60-60-60	1.50-2.75-2.19
1883 N. Y.	16	15 M.	60-60-60	2.25-2.90-2.60
1883 N. Y.	190	35 M.	60-60-60	1.30-3.00-1.99
1883 Ohio	16	13 M.	60-60-60	2.00-3.38-2.41
1883 Ohio	365	8 M.	60-60-60	1.75-2.75-2.38
1883 Pa	16	65 M.	60-60-60	2.00-3.00-2.29
1883 Va	16	1 M.	60-60-60	2.00-2.00-2.00
1883 Australia	174	(a) (a)	(a)	2.43-3.65- —
1883 Belgium	16	(a) M.	(a)	.73- .85- —
1883 Belgium	598	(a) (a)	(a)	.59- .65- —
1883 England	16	(a) M.	49-54 —	1.38-1.95- —
1883 England	43	(a) (a)	d 54-54-54	1.26-1.75- —
1883 England	45	(a) M.	(a)	1.30-1.30-1.30
1883 England	572	(a) M.	54-54-54	.36-1.50- —
1883 France	16	(a) M.	(a)	1.49-1.49-1.49
1883 France	17	(a) M.	(a)	1.21-1.22- —
1883 Gr't Brit	273	(a) M.	(a)	.61-3.04- —
1883 Ireland	43	(a) (a)	(a)	1.22-1.30- —
1883 Italy	633	(a) M.	e 60-66 —	.39- .97- —
1883 Scotland	43	(a) (a)	54-54-54	1.64-1.64-1.64
1883 Scotland	46	(a) (a)	(a)	1.42-1.42-1.42
1883 Scotland	572	(a) M.	54-54-54	.44-1.44- —
1884 Cal.	16	49 M.	54-60-57	2.75-4.00-3.28
1884 Cal.	192	3 M.	60-60-60	4.00-4.00-4.00
1884 Conn.	190	16 M.	60-60-60	2.00-3.00-2.44
1884 Ill	16	35 M.	60-60-60	2.90-3.00-2.90
1884 Iowa	231	7 M.	60-60-60	2.00-2.50-2.36
1884 La	16	14 M.	60-60-60	3.00-3.00-3.00
1884 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1884 Md.	190	3 M.	60-60-60	2.50-3.50-2.92
1884 Mass	16	21 M.	60-60-60	2.00-5.00-2.52
1884 Mich.	278	127 M.	(a)	1.00-7.67-2.33
1884 Minn	16	18 M.	60-60-60	3.00-3.00-3.00
1884 Mo.	16	79 M.	60-60-60	2.50-3.00-2.64
1884 Mo.	295	6 M.	60-60-60	2.50-3.00-2.75
1884 Nebr	2	47 M.	60-60-60	2.45-2.45-2.45
1884 N. J	323	45 M.	60-72-60	1.60-3.00-2.40
1884 N. Y.	16	25 M.	60-60-60	2.10-3.00-2.53
1884 N. Y.	190	32 M.	60-60-60	1.40-3.00-2.06
1884 Ohio	16	13 M.	60-60-60	2.00-3.38-2.47
1884 Ohio	366	3 M.	52-52-52	2.08-2.08-2.08
1884 Ohio	367	29 M.	(a)	2.00-2.50-2.48
1884 Pa	16	60 M.	60-60-60	2.00-3.00-2.30
1884 Pa	388	3 M.	(a)	2.00-3.50-3.00
1884 Va	16	1 M.	60-60-60	1.67-1.67-1.67
1884 Australia	178	(a) (a)	48-48-48	2.43-3.40- —
1884 Aust-Hun	178	(a) M.	60-72 —	.47-1.40- —
1884 Belgium	16	(a) M.	(a)	.73- .85- —
1884 Belgium	178	(a) M.	f 60-60-60	.68-1.06- —
1884 Belgium	598	(a) (a)	(a)	.60- .64- —
1884 Brazil	178	(a) M.	60-63 —	.77-4.30- —
1884 Canada	178	(a) M.	g 58-60 —	1.25-3.00- —
1884 Canada	466	(a) M.	54-59 —	1.59-2.01- —
1884 C. of G'd H.	178	(a) (a)	(a)	2.69-2.83- —
1884 Cuba	178	(a) M.	59-59-59	2.32-4.65- —
1884 Denmark	178	(a) M.	60-60-60	.59- .82- —
1884 England	16	(a) M.	49-54 —	1.38-1.95- —
1884 England	178	(a) M.	h 54-54-54	.88-1.75- —
1884 France	16	(a) M.	(a)	1.49-1.49-1.49
1884 France	17	(a) M.	(a)	1.16-1.21- —
1884 France	178	(a) M.	i 60-60-60	.29-1.60- —
1884 France	504	(a) M.	(a)	.58-1.74- —
1884 Germany	178	(a) M.	j 60-66 —	.40-1.65- —
1884 Gibraltar	178	(a) M.	54-54-54	.92-2.17- —
1884 Hawai. Is	178	(a) (a)	53-53-53	4.25-5.00- —
1884 Ireland	178	(a) M.	54-56 —	1.10-1.46- —
1884 Italy	178	(a) M.	k 60-72 —	.64-1.15- —
1884 Italy	633	(a) M.	l 60-66 —	.54- .72- —
1884 Malta	178	(a) M.	60-60-60	.73-1.46- —
1884 Netherl'ds	178	(a) M.	63-72 —	.64-1.40- —
1884 Russia	178	(a) M.	55-63 —	.30-1.42- —
1884 Scotland	49	(a) (a)	(a)	m .14- .14- .14
1884 Scotland	178	(a) M.	54-72 —	1.09-1.35- —
1884 Spain	178	(a) M.	n 57-60 —	.27-2.07- —
1884 Switzerl'd.	178	(a) M.	o 65-65-65	.58-1.44- —
1884 Turk. in A.	178	(a) (a)	66-66-66	1.02-1.63- —
1884 Venezuela	178	(a) (a)	60-60-60	3.33-5.00- —
1884 Wales	178	(a) M.	p 54-57 —	.97-2.43- —
1885 Cal.	1	32 M.	60-60-60	2.75-4.25-3.30
1885 Cal.	16	44 M.	54-60-57	3.00-4.00-3.31
1885 Conn.	190	10 M.	60-60-60	2.00-3.00-2.46
1885 Ill.	2	100 M.	60-60-60	2.75-2.75-2.75
1885 Ill.	16	23 M.	60-60-60	2.90-2.90-2.90
1885 Ind	1	119 M.	60-60-60	1.50-3.33-2.01
1885 La	16	15 M.	60-60-60	2.50-3.00-2.63
1885 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1885 Md.	190	3 M.	60-60-60	2.50-3.50-2.92
1885 Mass	16	17 M.	60-60-60	2.00-5.00-2.55
1885 Mich.	279	70 M.	(a)	1.25-3.45-2.29
1885 Minn.	16	18 M.	60-60-60	3.00-3.00-3.00
1885 Mo.	16	79 M.	60-60-60	2.50-3.00-2.60
1885 N. J	324	47 M.	60-60-60	1.25-3.00-2.54
1885 N. Y.	2	50 M.	60-60-60	2.25-2.50-2.38
1885 N. Y.	16	8 M.	60-60-60	2.10-2.45-2.28
1885 N. Y.	190	21 M.	60-60-60	1.25-2.70-1.90
1885 Ohio	1	71 M.	60-72-60	1.75-2.50-1.99
1885 Ohio	16	10 M.	60-60-60	2.17-3.00-2.42
1885 Ohio	367	26 M.	(a)	2.00-2.25-2.24
1885 Pa	1	30 M.	60-60-60	2.00-2.00-2.00
1885 Pa	16	40 M.	60-60-60	1.80-3.00-2.26

a Not reported.
b Applies to but 5 of the 6 wage quotations.
c Not including hours of 32 persons not reported.
d Applies to but 2 of the 3 wage quotations.
e Applies to but 6 of the 7 wage quotations.
f Applies to but 3 of the 5 wage quotations.
g Applies to but 11 of the 17 wage quotations.
h Applies to but 17 of the 25 wage quotations.
i Applies to but 6 of the 10 wage quotations.
j Applies to but 7 of the 19 wage quotations.
k Applies to but 6 of the 8 wage quotations.
l Applies to but 4 of the 5 wage quotations.
m Per hour.
n Applies to but 13 of the 17 wage quotations.
o Applies to but 8 of the 11 wage quotations.
p Applies to but 4 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Vt	1	1 M.	60-60-60	1.80-1.80-1.80
1885 Va	1	13 M.	48-60-59	1.84-2.30-2.26
1885 Va	16	3 M.	60-60-60	1.67-2.10-1.81
1885 Australia	175	(a) (a)	(a)	2.43-3.40- —
1885 Australia	431	(a) (a)	(a)	b.24½-.32½- —
1885 Aust-Hun	632	(a) M.	(a)	.55- .55- .55
1885 Belgium	16	(a) M.	(a)	.72- .85- —
1885 Belgium	598	(a) (a)	(a)	.57- .63- —
1885 Canada	467	(a) M.	57-59 —	1.81-1.85- —
1885 Chile	184	(a) M.	(a)	1.56-2.08- —
1885 England	16	(a) M.	49-54 —	1.38-1.95- —
1885 France	16	(a) M.	(a)	1.49-1.49-1.49
1885 France	17	(a) M.	(a)	1.21-1.35- —
1885 France	494	(a) M.	(a)	.69-1.16- —
1885 Germany	547	(a) (a)	(a)	b .06- .08¼- —
1885 Gr't Brit	1	(a) M.	72-72-72	1.28-1.28-1.28
1885 Italy	633	(a) M.	c 60-66 —	.52- .77- —
1886 Cal	2	244 M.	60-60-60	3.00-3.25-3.10
1886 Cal	16	47 M.	54-60-57	3.00-4.00-3.36
1886 Cal	193	20 M.	d60-60-60	2.50-4.00-3.03
1886 Conn	190	16 M.	60-60-60	2.00-3.00-2.48
1886 Ill	2	185 M.	59-60-60	2.00-2.80-2.30
1886 Ill	16	26 M.	60-60-60	2.75-3.00-2.90
1886 Ill	208	25 M.	60-60-60	1.90-2.75-2.57
1886 Iowa	232	50 M.	e 48-60-55	1.25-3.50-2.55
1886 Iowa	232	6 M.	(a)	b .25- .25- .25
1886 Kans	240	3 M.	60-60-60	1.50-2.70-2.15
1886 La	16	15 M.	60-60-60	2.50-3.00-2.63
1886 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1886 Md	190	3 M.	60-60-60	2.50-3.50-2.92
1886 Mass	16	29 M.	60-60-60	2.00-5.00-2.46
1886 Minn	16	18 M.	60-60-60	3.00-3.00-3.00
1886 Mo	16	80 M.	60-60-60	2.50-3.00-2.61
1886 N. Y	2	80 M.	59-59-59	2.25-2.25-2.25
1886 N. Y	16	16 M.	60-60-60	2.10-2.70-2.38
1886 N. Y	190	23 M.	60-60-60	1.25-3.00-1.94
1886 Ohio	2	342 M.	54-60-57	2.00-2.25-2.06
1886 Ohio	16	4 M.	54-54-54	1.58-2.48-2.01
1886 Pa	16	51 M.	60-60-60	2.00-3.00-2.34
1886 Va	16	3 M.	60-60-60	1.67-2.10-1.81
1886 Argentina	57	(a) M.	(a)	4.17-5.00- —
1886 Australia	184	(a) (a)	(a)	2.43-3.40- —
1886 Aust-Hun	632	(a) M.	(a)	.53- .53- .53
1886 Belgium	16	(a) M.	(a)	.73- .85- —
1886 Belgium	598	(a) (a)	(a)	.62- .62- .62
1886 Canada	468	(a) M.	59-60 —	1.54-1.89- —
1886 England	16	(a) M.	49-54 —	1.38-1.95- —
1886 England	604	(a) M.	f 54-54-54	1.03-1.28- —
1886 France	16	(a) M.	(a)	1.49-1.49-1.49
1886 France	17	(a) M.	(a)	1.21-1.33- —
1886 France	495	(a) M.	(a)	.69-1.16- —
1886 Germany	548	(a) (a)	(a)	.60-1.80- —
1886 Gr't Brit	604	(a) M.	(a)	g 1.68-2.05- —
1886 Gr't Brit	632	(a) M.	54-54-54	1.19-1.80- —
1886 Ireland	604	(a) M.	54-54-54	1.33-1.33-1.33
1886 Italy	633	(a) M.	60-66 —	.19-1.35- —
1886 Netherl'ds	456	(a) (a)	66-66-66	.76-1.05- —
1886 Scotland	602	(a) M.	(a)	1.13-1.13-1.13
1886 Scotland	604	(a) M.	(a)	.95-1.11- —
1887 Cal	16	48 M.	54-60-57	3.00-4.00-3.40
1887 Conn	4	43 M.	(a)	1.30-3.10-2.13
1887 Conn	190	13 M.	60-60-60	2.00-2.75-2.45
1887 Del	4	3 M.	(a)	b .25- .27-.25½
1887 Fla	4	4 M.	(a)	2.50-3.00-2.81
1887 Ill	16	23 M.	60-60-60	2.90-2.90-2.90
1887 Kans	241	10 M.	h 60-60-60	2.25-3.00-2.45
1887 La	16	14 M.	60-60-60	2.50-3.00-2.64
1887 Me	253	1 M.	60-60-60	2.17-2.17-2.17
1887 Md	4	191 M.	i 60-60-60	1.40-3.00-2.08
1887 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1887 Md	190	3 M.	60-60-60	2.50-3.50-2.92
1887 Mass	4	79 M.	(a)	1.25-3.25-2.14
1887 Mass	16	25 M.	60-60-60	2.00-5.00-2.45
1887 Mich	4	26 M.	j 60-60-60	1.60-3.00-2.27
1887 Mich	4	4 M.	(a)	b.25- .30-.26½
1887 Minn	16	18 M.	60-60-60	3.00-3.00-3.00
1887 Mo	4	87 M.	(a)	2.00-2.90-2.66
1887 Mo	16	77 M.	60-60-60	2.50-3.00-2.60
1887 Nebr	312	50 (a)	54-60-58	1.70-3.75-2.78
1887 N. J	4	81 M.	(a)	1.70-2.75-2.23
1887 N. Y	4	127 M.	(a)	1.40-3.83-2.23
1887 N. Y	16	34 M.	60-60-60	2.10-2.70-2.50
1887 N. Y	190	25 M.	60-60-60	1.35-3.00-2.01
1887 N. C	342	1 M.	48-48-48	1.15-1.15-1.15
1887 Ohio	16	9 M.	54-54-54	1.58-2.62-1.97
1887 Ohio	369	772 M.	48-60-59	1.50-3.50-2.32
1887 Oregon	4	9 M.	(a)	2.25-3.75-3.25
1887 Pa	4	319 M.	k 60-60-60	1.53-3.45-2.35
1887 Pa	4	4 M.	(a)	b .22- .26- .24½
1887 Pa	16	60 M.	60-60-60	2.00-3.00-2.35
1887 Pa	390	3 M.	(a)	2.50-2.50-2.50
1887 R. I	4	3 M.	(a)	2.25-2.50-2.42
1887 Va	4	2 M.	(a)	2.35-2.40-2.38
1887 Va	16	3 M.	60-60-60	1.67-2.10-1.81
1887 W. Va	4	1 M.	(a)	1.50-1.50-1.50
1887 Wis	4	33 M.	(a)	1.50-3.00-2.63
1887 Wis	409	150 M.	(a)	1.75-3.25-2.58
1887 Australia	420	(a) (a)	l 48-48-48	2.27-2.96- —
1887 Aust-Hun	632	(a) M.	(a)	.53- .58- —
1887 Belgium	16	(a) M.	(a)	.73- .85- —
1887 Canada	469	(a) M.	59-59-59	1.73-1.81- —
1887 England	16	(a) M.	49-54 —	1.38-1.95- —
1887 France	16	(a) M.	(a)	1.49-1.49-1.49
1887 France	17	(a) M.	(a)	1.16-1.21- —
1887 France	495	(a) M.	(a)	.69-1.16- —
1887 Germany	557	(a) (a)	60-63 —	.60-1.80- —
1887 Netherl'ds	598	(a) (a)	66-66-66	.77-1.05- —
1887 Scotland	599	(a) M.	(a)	1.19-1.19-1.19
1888 Cal	16	50 M.	54-60-57	3.00-4.00-3.41
1888 Colo	198	1 M.	60-60-60	3.25-3.25-3.25
1888 Conn	190	11 M.	60-60-60	2.00-2.85-2.40
1888 Ill	16	25 M.	60-60-60	2.90-3.00-2.90
1888 Iowa	233	20 M.	48-60-51	2.00-3.50-2.92
1888 Kans	242	1 M.	(a)	3.00-3.00-3.00
1888 Kans	243	1 M.	(a)	3.00-3.00-3.00
1888 La	16	15 M.	60-60-60	2.50-3.00-2.60
1888 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1888 Md	190	3 M.	60-60-60	2.25-3.50-2.83
1888 Mass	16	28 M.	60-60-60	2.00-5.00-2.42
1888 Mich	280	3 M.	60-72-64	1.73-3.83-2.49
1888 Minn	16	24 M.	60-60-60	3.25-3.25-3.25
1888 Mo	16	75 M.	60-60-60	2.50-3.00-2.60
1888 N. J	326	114 M.	n 60-60-60	1.92-3.00-2.22
1888 N. Y	16	25 M.	60-60-60	2.10-3.25-2.60
1888 N. Y	190	31 M.	60-60-60	1.40-3.00-2.06
1888 N. Y	331	798 M.	o 53-60-58	1.50-4.50-2.19

a Not reported.
b Per hour.
c Applies to but 3 of the 4 wage quotations.
d Not including hours of 2 persons not reported.
e Not including hours of 30 persons not reported.
f Applies to but 1 of the 4 wage quotations.
g And food.
h Not including hours of 4 persons not reported.
i Not including hours of 189 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 305 persons not reported.
l Applies to but 2 of the 4 wage quotations.
n Not including hours of 112 persons not reported.
o Not including hours of 32 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	100 M.	(a)	b0.27-0.27-0.27
1888 N. C.	343	2 M.	60-60-60	1.25-2.25-1.75
1888 Ohio	16	7 M.	54-54-54	2.03-2.62-2.15
1888 Pa	16	60 M.	60-60-60	2.00-3.00-2.36
1888 Va	16	2 M.	60-60-60	1.50-1.67-1.59
1888 Australia	430	(a) (a)	(a)	2.96-2.96-2.96
1888 Australia	432	(a) M.	(a)	2.27-2.68- —
1888 Belgium	16	(a) M.	(a)	.63- .85- —
1888 Canada	470	(a) M.	60-60-60	1.98-1.98-1.98
1888 England	16	(a) M.	49-54 —	1.38-1.95- —
1888 France	6	(a) M.	(a)	.89- .89- .89
1888 France	16	(a) M.	(a)	1.49-1.49-1.49
1888 France	17	(a) M.	(a)	1.18-1.21- —
1888 Germany	558	(a) (a)	60-63 —	.75-1.82- —
1889 Cal.	16	41 M.	54-60-58	3.24-4.00-3.46
1889 Conn	190	12 M.	60-60-60	2.00-2.85-2.36
1889 Ill	5	5 M.	60-60-60	2.25-2.50-2.45
1889 Ill	16	24 M.	60-60-60	2.90-2.90-2.90
1889 Ill	209	1 M.	(a)	2.75-2.75-2.75
1889 Kans.	243	117 M.	c60-60-60	2.00-3.00-2.57
1889 La	16	14 M.	60-60-60	2.50-3.00-2.64
1889 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1889 Md.	190	3 M.	60-60-60	2.25-3.50-2.83
1889 Mass	16	32 M.	60-60-60	2.00-5.00-2.48
1889 Minn	16	30 M.	60-60-60	3.25-3.25-3.25
1889 Mo	16	81 M.	60-60-60	2.50-3.00-2.60
1889 N. Y.	5	3 M.	d60-60-60	2.25-2.25-2.25
1889 N. Y.	16	14 M.	60-60-60	2.10-2.70-2.58
1889 N. Y.	190	32 M.	60-60-60	1.50-2.75-2.04
1889 Ohio	16	10 M.	54-54-54	2.03-2.62-2.15
1889 Pa	5	2 M.	60-60-60	2.25-2.25-2.25
1889 Pa	16	54 M.	60-60-60	1.80-3.00-2.31
1889 Va	16	2 M.	60-60-60	1.33-2.00-1.67
1889 Australia	422	(a) (a)	48-48-48	2.27-2.92- —
1889 Australia	432	(a) M.	(a)	1.83-2.68- —
1889 Belgium	5	(a) M.	e72-72-72	.62- .87- —
1889 Belgium	16	(a) M.	(a)	.63- .85- —
1889 Canada	471	(a) M.	57-60 —	1.74-1.96- —
1889 England	5	(a) M.	54-66 —	1.05-1.48- —
1889 England	16	(a) M.	49-54 —	1.38-1.95- —
1889 France	5	(a) M.	(a)	.90- .90- .90
1889 France	6	(a) M.	(a)	1.06-1.06-1.06
1889 France	16	(a) M.	(a)	1.49-1.49-1.49
1889 France	17	(a) M.	(a)	1.21-1.29- —
1889 Germany	5	(a) M.	f72-72-72	.62- .75- —
1889 Germany	615	(a) M.	(a)	b.09- .09- .09
1889 Italy	95	(a) M.	(a)	.77- .77- .77
1889 Netherl'ds	516	(a) (a)	(a)	b.07- .09- —
1889 Portugal	691	(a) (a)	(a)	.43-2.05- —
1889 Scotland	5	(a) M.	(a)	.97- .97- .97
1890 Cal.	16	37 M.	48-60-56	2.80-4.00-3.32
1890 Conn.	190	18 M.	60-60-60	2.00-3.00-2.42
1890 Ill.	16	31 M.	60-60-60	2.90-2.90-2.90
1890 Kans.	244	12 M.	(a)	2.00-2.75-2.53
1890 La	16	16 M.	60-60-60	2.50-3.00-2.63
1890 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1890 Md.	190	4 M.	60-60-60	2.25-3.50-2.81
1890 Mass	16	23 M.	60-60-60	2.00-5.00-2.56
1890 Mich.	282	179 M.	60-60-60	.75-4.67-2.19
1890 Minn	16	28 M.	60-60-60	3.25-3.25-3.25
1890 Minn	292	89 M.	(a)	1.25-3.10-2.48
1890 Mo	16	94 M.	60-60-60	2.50-3.00-2.60
1890 Nebr	313	2 M.	(a)	2.50-2.85-2.68
1890 N. Y.	16	38 M.	60-60-60	2.10-2.70-2.48
1890 N. Y.	190	36 M.	60-60-60	1.60-2.75-2.09
1890 N. Y.	333	344 M.	(a)	1.25-4.00-2.36
1890 Ohio	16	8 M.	54-54-54	2.03-2.62-2.16
1890 Ohio	371	19 (a)	(a)	2.25-2.25-2.25
1890 Pa	16	73 M.	60-60-60	1.80-3.00-2.32
1890 Va	16	1 M.	60-60-60	2.17-2.17-2.17
1890 Australia	423	(a) (a)	48-48-48	2.19-2.96- —
1890 Belgium	16	(a) M.	(a)	.68- .85- —
1890 England	5	(a) M.	(a)	1.49-1.49-1.49
1890 England	16	(a) M.	49-54 —	1.38 1.95- —
1890 England	92	(a) M.	56-56-56	1.32-1.32-1.32
1890 England	632	(a) M.	(a)	1.50-1.50-1.50
1890 France	16	(a) M.	(a)	1.64-1.64-1.64
1890 France	17	(a) M.	(a)	1.26-1.33- —
1890 Germany	615	(a) M.	(a)	b.09- .09- .09
1890 Gr't Brit.	632	(a) M.	53-54 —	.97-1.80- —
1890 Netherl'ds	666	(a) M.	g60-78 —	.67-1.06- —
1890 Netherl'ds	666	(a) M.	(a)	b.03- .10- —
1891 Cal.	16	38 M.	48-60-56	2.80-4.00-3.24
1891 Conn.	190	17 M.	60-60-60	2.00-3.00-2.58
1891 Ill.	16	31 M.	60-60-60	2.90-2.90-2.90
1891 La	16	14 M.	60-60-60	2.50-3.00-2.64
1891 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1891 Md.	190	4 M.	60-60-60	2.25-3.50-2.81
1891 Mass	16	28 M.	60-60-60	2.00-5.00-2.47
1891 Minn	16	31 M.	60-60-60	3.25-3.25-3.25
1891 Mo	16	93 M.	60-60-60	2.50-3.00-2.61
1891 N. Y.	16	16 M.	60-60-60	2.00-2.80-2.50
1891 N. Y.	190	32 M.	60-60-60	1.60-2.75-2.18
1891 N. Y.	333	904 M.	(a)	.50-6.39-2.08
1891 Ohio	16	9 M.	54-54-54	1.58-2.62-2.08
1891 Ohio	372	624 M.	54-60-60	1.25-2.75-2.17
1891 Pa	16	57 M.	54-60-60	1.75-3.00-2.31
1891 Va	16	3 M.	60-60-60	2.25-2.33-2.28
1891 Belgium	16	(a) M.	(a)	.68- .85- —
1891 Belgium	457	(a) M.	h60-66 —	.25- .82- —
1891 Belgium	457	(a) M.	(a)	b.06- .07½- —
1891 China	105	(a) (a)	(a)	.30- .30- .30
1891 England	16	(a) M.	49-54 —	1.38-1.95- —
1891 France	16	(a) M.	(a)	1.64-1.64-1.64
1891 France	17	(a) M.	(a)	1.26-1.31- —
1891 France	505	(a) M.	60-77 —	1.06-1.74- —
1891 France	522	(a) M.	(a)	.69-1.16- —
1891 Italy	638	(a) M.	60-60-60	.39-1.35- —
1891 Scotland	577	(a) M.	54-54-54	1.31-1.31-1.31
(i) Switzerl'd.	595	(a) M.	(a)	.81- .81- .81
1892 Cal.	16	45 M.	48-60-55	2.20-4.00-3.12
1892 Colo	246	21 M.	60-60-60	3.15-3.15-3.15
1892 Conn.	190	16 M.	60-60-60	2.00-3.00-2.71
1892 Ill.	16	21 M.	60-60-60	2.25-3.25-2.78
1892 Ill.	246	98 M.	60-60-60	2.44-2.75-2.61
1892 Ind	227	62 M.	54-60-60	1.91-2.92-2.39
1892 Iowa	235	2 M.	60-60-60	1.75-2.80-2.28
1892 Iowa	246	138 M.	60-60-60	2.55-2.73-2.66
1892 Kans.	246	49 M.	60-60-60	2.60-2.83-2.76
1892 La	16	16 M.	60-60-60	2.50-3.00-2.63
1892 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1892 Md.	190	5 M.	60-60-60	2.15-3.00-2.51
1892 Mass	16	36 M.	60-60-60	2.00-5.00-2.56
1892 Mich	284	19 M.	j60-60-60	1.50-3.00-2.37
1892 Minn.	16	24 M.	60-60-60	3.25-3.25-3.25
1892 Mo	16	82 M.	60-60-60	2.50-3.00-2.61
1892 N. Mex.	246	15 M.	60-60-60	3.16-3.16-3.16
1892 N. Y.	16	25 M.	60-60-60	1.90-2.80-2.45
1892 N. Y.	190	21 M.	60-60-60	1.90-2.50-2.27
1892 Ohio	16	12 M.	54-54-54	1.58-2.62-2.01
1892 Pa	16	67 M.	54-60-60	1.75-3.00-2.29
1892 Va	16	2 M.	60-60-60	2.25-2.33-2.29

a Not reported.
b Per hour.
c Not including hours of 10 persons not reported.
d Not including hours of 1 person not reported.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 1 of the 7 wage quotations.
g Applies to but 6 of the 7 wage quotations.
h Applies to but 17 of the 18 wage quotations.
i Average for 1888–91.
j Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Algeria	505	(a) M.	67-67-67	b0.87-0.87-0.87
1892 Australia	424	(a) M.	c 48-48-48	1.82-2.92- —
1892 Belgium	16	(a) M.	(a)	.68- .85- —
1892 C. of G'd H.	486	(a) M.	(a)	2.19-2.68- —
1892 England	16	(a) M.	49-54 —	1.38-1.95- —
1892 England	578	(a) M.	53-53-53	1.44-1.44-1.44
1892 England	632	(a) M.	48-54 —	1.38-1.54- —
1892 France	16	(a) M.	(a)	1.64-1.64-1.64
1892 France	17	(a) M.	(a)	1.26-1.31- —
1892 France	505	(a) M.	48-84 —	.48-2.07- —
1892 France	505	(a) M.	77-77-77	d .82-1.21- —
1892 Germany	667	(a) (a)	(a)	e .09- .09- .09
1892 Italy	112	(a) M.	66-66-66	1.00-2.00- —
1892 Italy	641	(a) M.	(a)	.80- .80- .80
1892 Scotland	11	(a) (a)	(a)	1.30-1.30-1.30
1892 Scotland	578	(a) M.	54-54-54	1.27-1.27-1.27
1892 Wales	632	(a) M.	(a)	.67-1.54- —
1893 Cal.	16	34 M.	48-60-53	2.20-4.00-2.94
1893 Ill.	10	5 M.	54-60-58	2.17-3.00-2.68
1893 Ill.	16	6 M.	60-60-60	2.40-3.25-2.88
1893 La	16	16 M.	60-60-60	2.50-3.00-2.66
1893 Md	10	19 M.	58-60-60	1.17-3.00-2.00
1893 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1893 Mass	16	40 M.	54-54-54	1.80-5.00-2.38
1893 Mich	285	54 M.	30-60-59	1.00-3.83-2.16
1893 Minn	16	21 M.	60-60-60	3.00-3.00-3.00
1893 Mo	16	112 M.	60-60-60	2.50-3.00-2.59
1893 Mo	302	138 M.	60-60-60	2.49-2.49-2.49
1893 Mont	307	13 M.	f 54-54-54	2.68-4.41-3.53
1893 N. Y.	10	1 M.	60-60-60	2.50-2.50-2.50
1893 N. Y.	16	29 M.	60-60-60	2.25-3.00-2.65
1893 Ohio	16	9 M.	54-54-54	1.58-2.62-2.08
1893 Ohio	374	772 M.	g 48-72-58	1.44-2.75-2.04
1893 Pa	16	81 M.	54-60-60	1.75-3.00-2.29
1893 Va	16	2 M.	60-60-60	1.67-2.25-1.96
1893 Belgium	16	(a) M.	(a)	.68- .85- —
1893 England	16	(a) M.	49-54 —	1.38-1.95- —
1893 England	590	(a) M.	48-54 —	.97-1.70- —
1893 France	16	(a) M.	(a)	1.64-1.64-1.64
1893 France	17	(a) M.	(a)	1.26-1.29- —
1893 France	507	(a) (a)	60-60-60	.68-1.16- —
1893 Germany	560	(a) M.	(a)	e .07½-.10½- —
1893 Ireland	590	(a) M.	54-54-54	1.40-1.40-1.40
1893 Italy	639	(a) M.	60-60-60	.49-1.35- —
1893 N. Zealand	668	(a) M.	(a)	1.95-2.56- —
1893 Scotland	590	(a) M.	54-56 —	1.30-1.46- —
1893 Wales	590	(a) M.	54-54-54	1.14-1.70- —
1894 Cal.	16	29 M.	48-60-51	2.20-3.50-2.74
1894 Ill.	16	10 M.	60-60-60	2.90-3.00-2.91
1894 Ind	228	25 M.	50-60-56	1.87-3.00-2.43
1894 Iowa	236	15 M.	48-66-54	1.50-3.00-2.32
1894 La	16	14 M.	60-60-60	2.50-3.00-2.64
1894 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1894 Mass	16	35 M.	54-54-54	1.83-5.00-2.47
1894 Minn	16	19 M.	60-60-60	3.00-3.00-3.00
1894 Mo	16	121 M.	60-60-60	2.50-3.00-2.58
1894 Mont	308	8 M.	(a)	2.93-4.14-3.23
1894 N. Y.	11	2 (a)	(a)	2.50-2.50-2.50
1894 N. Y.	16	23 M.	60-60-60	2.25-3.00-2.73
1894 Ohio	16	8 M.	54-54-54	1.80-2.62-2.10
1894 Ohio	375	701 M.	h 54-60-59	1.50-3.00-2.04
1894 Pa	16	54 M.	54-60-60	1.75-2.75-2.23
1894 Va	16	2 M.	60-60-60	1.67-2.25-1.96
1894 W. Va	406	3 M.	48-48-48	1.84-1.92-1.88
1894 Australia	425	(a) (a)	(a)	1.70-3.41- —
1894 Aust-Hun	127	(a) M.	60-60-60	0.60-0.90- —
1894 Aust-Hun	434	(a) M.	60-60-60	.68-1.02- —
1894 Belgium	16	(a) M.	(a)	.68- .85- —
1894 England	16	(a) M.	49-54 —	1.38-1.95- —
1894 England	127	(a) M.	i 53-54 —	1.38-1.52- —
1894 England	580	(a) M.	j 53-54 —	1.22-1.58- —
1894 England	16	(a) M.	(a)	1.64-1.64-1.64
1894 France	17	(a) M.	(a)	1.22-1.26- —
1894 France	127	(a) M.	60-60-60	1.16-1.16-1.16
1894 Germany	127	(a) M.	k 60-60-60	.74-1.25- —
1894 Ireland	580	(a) M.	54-54-54	1.30-1.32- —
1894 Italy	127	(a) M.	(a)	.50-1.00- —
1894 Italy	640	(a) M.	(a)	.77- .92- —
1894 Netherl'ds	127	(a) M.	65-65-65	1.04-1.04-1.04
1894 Netherl'ds	662	(a) M.	(a)	c .03- .10½- —
1894 N. Zealand	669	(a) M.	(a)	2.07-2.56- —
1894 Russia	127	(a) M.	62-62-62	.75- .75- .75
1894 Scotland	127	(a) M.	54-54-54	1.38-1.46- —
1894 Scotland	580	(a) M.	54-54-54	1.27-1.38- —
1894 Wales	580	(a) M.	(a)	1.70-1.70-1.70
1895 Cal.	16	45 M.	48-60-53	2.20-4.00-2.98
1895 Ill.	16	14 M.	60-60-60	2.90-3.00-2.91
1895 Kans.	249	3 M.	48-48-48	.69-1.50-1.06
1895 La	16	11 M.	60-60-60	2.50-3.00-2.64
1895 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1895 Mass	16	37 M.	54-54-54	1.83-5.00-2.48
1895 Minn	16	19 M.	60-60-60	3.00-3.00-3.00
1895 Mo	16	137 M.	60-60-60	2.50-3.00-2.57
1895 Mont.	309	2 M.	(a)	3.60-3.60-3.60
1895 N. Y.	16	16 M.	60-60-60	2.00-2.70-2.35
1895 Ohio	16	8 M.	54-54-54	1.58-2.25-1.94
1895 Ohio	376	946 M.	l 48-60-60	1.25-3.00-1.87
1895 Pa	16	59 M.	54-60-60	1.75-2.75-2.30
1895 Va	16	2 M.	60-60-60	1.67-2.08-1.88
1895 Wis	413	7 (a)	60-60-60	1.75-4.17-2.66
1895 Australia	426	(a) (a)	n 48-48-48	1.70-3.41- —
1895 Aust-Hun	435	(a) M.	60-60-60	.68- .68- .68
1895 Belgium	16	(a) M.	(a)	.68- .85- —
1895 Canada	187	(a) M.	60-60-60	1.17-2.20- —
1895 Chile	184	(a) M.	(a)	1.70-1.78- —
1895 England	16	(a) M.	49-53 —	1.38-1.95- —
1895 France	16	(a) M.	(a)	1.64-1.64-1.64
1895 France	17	(a) M.	(a)	1.22-1.26- —
1895 France	509	(a) (a)	60-60-60	.58- .97- —
1895 Italy	640	(a) M.	(a)	.77- .87- —
1895 N. Zealand	670	(a) M.	(a)	2.07-2.56- —
1896 Cal.	16	51 M.	48-60-53	2.20-4.00-2.96
1896 Ill.	16	12 M.	60-60-60	2.90-3.00-2.91
1896 Kans.	250	2 M.	60-72-66	3.00-3.19-3.10
1896 La	16	14 M.	60-60-60	2.50-3.00-2.64
1896 Md.	14	100 M.	60-60-60	2.25-2.25-2.25
1896 Md.	16	50 M.	60-60-60	2.00-2.75-2.44
1896 Mass	14	6 M.	56-56-56	1.87-1.96-1.93
1896 Mass	16	33 M.	54-54-54	1.83-5.00-2.45
1896 Minn	16	22 M.	60-60-60	3.00-3.00-3.00
1896 Mo	16	140 M.	60-60-60	2.50-3.00-2.58
1896 Mo	305	126 M.	36-60-58	2.50-2.75-2.62
1896 Mont.	310	4 M.	(a)	3.45-3.45-3.45
1896 N. Y.	14	42 M.	54-60-56	2.25-3.85-2.71
1896 N. Y.	16	26 M.	60-60-60	2.00-3.00-2.40
1896 N. C.	350	1 M.	60-60-60	2.50-2.50-2.50
1896 Ohio	16	9 M.	54-54-54	1.58-2.70-2.03
1896 Ohio	377	817 M.	48-60-58	1.44-2.53-1.94
1896 Pa	14	294 M.	60-60-60	2.50-2.50-2.50
1896 Pa	16	79 M.	54-60-60	1.67-2.90-2.27

a Not reported.
b And *gratifications*.
c Applies to but 1 of the 4 wage quotations.
d And lodging, light, and heat.
e Per hour.
f Not including hours of 1 person not reported.
g Not including hours of 24 persons not reported.
h Not including hours of 18 persons not reported.
i Applies to but 4 of the 5 wage quotations.
j Applies to but 20 of the 21 wage quotations.
k Applies to but 11 of the 13 wage quotations.
l Not including hours of 15 persons not reported.
n Applies to but 1 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Va	16	1 M.	60-60-60	2.08-2.08-2.08
1896 Australia	427	(a) (a)	b48-48-48	1.95-3.41- —
1896 Aust-Hun	436	(a) (a)	57-60 —	.41-1.35- —
1896 Belgium	16	(a) M.	(a)	.68- .85- —
1896 Belgium	184	(a) (a)	(a)	.97- .97- .97
1896 Canada	482	(a) (a)	54-54-54	3.25-3.25-3.25
1896 England	16	(a) M.	c49-53 —	1.38-1.95- —
1896 England	581	(a) M.	d53-54 —	1.22-1.58- —
1896 England	586	(a) M.	(a)	1.26-1.30- —
1896 France	16	(a) M.	(a)	1.64-1.64-1.64
1896 France	17	(a) M.	(a)	1.26-1.31- —
1896 France	505	(a) M.	66-66-66	.98- .98- .98
1896 France	510	(a) (a)	(a)	.77-1.16- —
1896 Ireland	581	(a) M.	54-54-54	1.30-1.36- —
1896 Italy	640	(a) M.	(a)	.77-1.00- —
1896 Mexico	184	(a) M.	(a)	2.08-4.16- —
1896 N. Zealand	671	(a) M.	(a)	1.95-2.56- —
1896 Russia	184	(a) M.	(a)	.65-1.00- —
1896 Scotland	581	(a) M.	54-54-54	1.31-1.42- —
1896 Scotland	592	(a) M.	(a)	1.27-1.31- —
1896 Wales	581	(a) M.	(a)	1.70-1.70-1.70
1897 Cal	16	48 M.	48-60-53	2.20-4.00-2.95
1897 Ill	16	17 M.	60-60-60	2.90-3.00-2.91
1897 Kans	251	2 (a)	56-62-59	2.42-3.00-2.71
1897 La	16	15 M.	60-60-60	2.50-3.00-2.63
1897 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1897 Mass	16	35 M.	54-54-54	1.83-5.00-2.48
1897 Mich	289	79 M.	e36-60-51	1.28-2.93-2.11
1897 Minn	16	25 M.	60-60-60	3.00-3.00-3.00
1897 Mo	16	137 M.	60-60-60	2.50-3.00-2.58
1897 Mont	311	6 (a)	(a)	2.15-4.14-3.48
1897 Nebr	314	1 M.	48-48-48	2.50-2.50-2.50
1897 N. Y	16	22 M.	60-60-60	2.00-3.00-2.40
1897 N. Y	337	643 M.	f54-60-54	1.50-5.60-2.45
1897 Ohio	16	9 M.	54-54-54	1.53-2.70-1.97
1897 Pa	16	64 M.	54-60-59	1.67-2.90-2.23
1897 Va	16	1 M.	60-60-60	2.08-2.08-2.08
1897 Va	404	425 M.	60-60-60	2.00-2.50-2.24
1897 Australia	418	(a) (a)	(a)	2.19-2.68- —
1897 Australia	418	(a) (a)	(a)	g.24½-.24½-.24½
1897 Australia	428	(a) (a)	(a)	1.46-3.41- —
1897 Aust-Hun	437	(a) (a)	54-66 —	.32-1.49- —
1897 England	593	(a) (a)	(a)	1.30-1.46- —
1897 France	511	(a) M.	60-66 —	.87-1.54- —
1897 Italy	641	(a) M.	(a)	.77- .87- —
1897 N. Zealand	672	(a) M.	(a)	2.07-2.56- —
1897 Scotland	593	(a) (a)	(a)	1.30-1.46- —
1898 Cal	16	59 M.	48-60-53	2.20-4.00-2.96
1898 Ill	16	20 M.	60-60-60	2.90-3.00-2.91
1898 Kans	252	64 M.	h52-54-54	2.25-2.75-2.64
1898 La	16	15 M.	60-60-60	2.50-3.00-2.60
1898 Md	16	50 M.	60-60-60	2.00-2.75-2.44
1898 Mass	16	48 M.	54-54-54	1.83-5.00-2.48
1898 Mich	290	285 M.	(a)	1.50-2.50-2.25
1898 Minn	16	25 M.	60-60-60	3.00-3.00-3.00
1898 Mo	16	145 M.	60-60-60	2.50-3.00-2.59
1898 Nebr	314	59 (a)	i48-60-53	1.40-4.00-2.69
1898 N. J	329	33 M.	60-60-60	1.75-3.00-2.20
1898 N. Y	16	30 M.	60-60-60	2.00-3.00-2.53
1898 N. Y	338	394 M.	j54-60-56	1.75-3.50-2.19
1898 Ohio	16	7 M.	54-54-54	1.58-2.70-2.03
1898 Ohio	18	2 M.	(a)	2.10-2.10-2.10
1898 Pa	16	88 M.	54-60-60	1.75-2.90-2.28
1898 Va	16	2 M.	60-60-60	1.75-2.08-1.92
1898 Wash	405	13 (a)	(a)	2.88-3.25-2.93
1898 Australia	419	(a) (a)	(a)	2.19-2.56- —
1898 Australia	419	(a) (a)	(a)	g.24½-.24½-.24¼
1898 Australia	429	(a) (a)	k48-48-48	1.46-2.76- —
1898 Belgium	454	(a) (a)	(a)	g.07- .07- .07
1898 C. of G'd H.	149	(a) (a)	(a)	2.75-2.75-2.75
1898 England	582	(a) (a)	48-54 —	1.14-1.58- —
1898 England	594	(a) (a)	(a)	1.22-1.68- —
1898 France	512	(a) M.	l57-72 —	.53-1.45- —
1898 Germany	151	(a) (a)	(a)	.48- .99- —
1898 Ireland	582	(a) (a)	54-54-54	1.30-1.50- —
1898 N. Zealand	673	(a) M.	(a)	2.07-2.56- —
1898 Scotland	582	(a) (a)	54-54-54	1.39-1.60- —
1898 Wales	582	(a) (a)	47-54 —	1.70-1.70-1.70
1898 Wales	594	(a) (a)	(a)	.93- .99- —
1899 Ala	18	4 M.	60-60-60	2.75-3.00-2.88
1899 Ga	18	9 M.	59-59-59	1.60-2.50-2.14
1899 Mass	18	125 M.	54-54-54	2.50-3.50-2.70
1899 N. Y	18	40 M.	54-54-54	1.80-2.70-2.26
1899 N. C	353	1 M.	60-60-60	5.00-5.00-5.00
1899 Ohio	18	47 M.	i60-60-60	1.92-2.75-2.40
1899 England	588	(a) (a)	(a)	1.22-1.44- —
1899 N. Zealand	674	(a) (a)	(a)	2.19-2.56- —
1899 Uruguay	157	(a) (a)	(a)	1.80-3.00- —
1900 Ala	18	4 M.	60-60-60	2.75-3.00-2.88
1900 Ga	18	10 M.	59-59-59	1.60-2.75-2.23
1900 Mass	18	130 M.	54-54-54	2.50-3.50-2.70
1900 N. Y	18	38 M.	54-54-54	1.98-2.70-2.52
1900 Ohio	18	70 M.	60-60-60	2.00-3.00-2.48

BOILER MAKERS' HELPERS.

1844 N. Y	190	2 M.	60-60-60	.75- .88- .82	1855 Conn	190	18 M.	60-60-60	.90-1.50-1.10
1845 N. Y	190	9 M.	60-60-60	.75-1.00- .79	1855 N. Y	190	24 M.	60-60-60	.59-1.13- .86
1846 N. Y	190	4 M.	60-60-60	.75-1.00- .81	1856 Conn	190	28 M.	60-60-60	.60-1.50-1.03
1847 N. Y	190	9 M.	60-60-60	.75-1.00- .82	1856 N. Y	190	38 M.	60-60-60	.75-1.25- .88
1848 N. Y	190	12 M.	60-60-60	.75-1.00- .79	1857 Conn	190	41 M.	60-60-60	.38-1.50-1.00
1849 N. Y	190	20 M.	60-60-60	.75-1.13- .85	1857 N. Y	190	11 M.	60-60-60	.75-1.13- .93
1850 N. Y	190	17 M.	60-60-60	.75-1.13- .86	1858 Conn	190	29 M.	60-60-60	.50-1.50- .96
1851 N. Y	190	32 M.	60-60-60	.75-1.00- .84	1858 N. Y	190	2 M.	60-60-60	.75-1.25-1.00
1852 N. Y	190	43 M.	60-60-60	.75-1.13- .80	1859 Conn	190	24 M.	60-60-60	.50-1.50- .97
1853 Conn	190	11 M.	60-60-60	1.00-1.13-1.05	1859 N. Y	190	7 M.	60-60-60	.75-1.13- .88
1854 Conn	190	19 M.	60-60-60	1.00-1.25-1.01	1860 Conn	190	6 M.	60-60-60	1.00-1.50-1.21
1854 N. Y	190	20 M.	60-60-60	.67-1.13- .88	1860 N. Y	190	12 M.	60-60-60	.70-1.13- .84

a Not reported.
b Applies to but 1 of the 4 wage quotations.
c Applies to but 5 of the 6 wage quotations.
d Applies to but 19 of the 20 wage quotations.
e Not including hours of 69 persons not reported.
f Not including hours of 138 persons not reported.
g Per hour.
h Not including hours of 59 persons not reported.
i Not including hours of 8 persons not reported.
j Not including hours of 157 persons not reported
k Applies to but 2 of the 5 wage quotations.
l Applies to but 7 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 Conn.	190	4 M.	60-60-60	1.00-1.50-1.19
1861 N. Y.	190	4 M.	60-60-60	.88-1.13-1.00
1862 Conn.	190	14 M.	60-60-60	.50-1.50- .98
1862 N. Y.	190	9 M.	60-60-60	.75-1.13- .92
1863 Conn.	190	65 M.	60-60-60	.50-1.50-1.13
1863 N. Y.	190	7 M.	60-60-60	.50-1.00- .80
1863 England	565	(a) (a)	60-60-60	.68- .68- .68
1864 Conn.	190	106 M.	60-60-60	.60-1.75-1.26
1864 N. Y.	190	13 M.	60-60-60	.50-1.13- .71
1865 Conn.	190	87 M.	60-60-60	.85-2.00-1.45
1865 N. Y.	190	5 M.	60-60-60	.63-1.00- .90
1865 England	627	(a) M.	b 75-75-75	.24- .41- —
1866 Conn.	190	48 M.	60-60-60	.85-2.00-1.48
1866 N. Y.	190	4 M.	60-60-60	.75-1.13- .91
1867 Conn.	190	41 M.	60-60-60	.85-2.00-1.46
1867 N. Y.	190	1 M.	60-60-60	1.13-1.13-1.13
1868 Conn.	190	19 M.	60-60-60	.85-1.80-1.38
1868 N. Y.	190	3 M.	60-60-60	.88-1.25-1.04
(c) England	567	(a) M.	59-59-59	.32- .65- —
1869 Conn.	190	34 M.	60-60-60	.85-1.90-1.57
1869 N. Y.	190	5 M.	60-60-60	.88-1.10- .98
1870 Cal.	16	36 M.	54-60-57	2.00-2.75-2.24
1870 Conn.	190	25 M.	60-60-60	.85-1.90-1.57
1870 Ill.	16	14 M.	60-60-60	1.75-2.00-1.85
1870 La	16	12 M.	60-60-60	2.00-2.00-2.00
1870 Md.	16	40 M.	d 60-60-60	1.25-1.50-1.29
1870 Mass.	16	14 M.	60-60-60	.75-1.92-1.57
1870 Minn.	16	19 M.	60-60-60	2.00-2.00-2.00
1870 Mo.	16	33 M.	60-60-60	1.00-1.90-1.52
1870 N. Y.	16	40 M.	60-60-60	1.50-1.75-1.70
1870 N. Y.	190	4 M.	60-60-60	.80-1.50-1.04
1870 Ohio	16	4 M.	60-60-60	1.00-1.33-1.15
1870 Pa.	16	61 M.	60-60-60	1.10-2.00-1.38
1870 England	16	(a) M.	54-54-54	1.22-1.30- —
1870 France	16	(a) M.	(a)	.77- .77- .77
1870 Norway	610	(a) M.	(a)	.43- .54- —
1871 Cal.	16	40 M.	54-60-56	1.80-2.50-2.01
1871 Conn.	190	5 M.	60-60-60	1.00-1.88-1.63
1871 Ill.	16	15 M.	60-60-60	1.75-2.00-1.78
1871 La.	16	12 M.	60-60-60	2.00-2.00-2.00
1871 Md.	16	40 M.	d 60-60-60	1.25-1.50-1.29
1871 Mass.	16	11 M.	60-60-60	1.42-1.88-1.73
1871 Minn.	16	19 M.	60-60 60	2.00-2.00-2.00
1871 Mo.	16	33 M.	60-60-60	1.00-1.90-1.55
1871 N. Y.	16	24 M.	60-60-60	1.50-1.75-1.70
1871 N. Y.	190	4 M.	60-60-60	.80-1.40-1.05
1871 Ohio	16	4 M.	60-60-60	1.00-1.33-1.21
1871 Pa.	16	58 M.	60-60-60	1.10-2.00-1.41
1871 England	16	(a) M.	54-54-54	1.22-1.30- —
1871 France	16	(a) M.	(a)	.77- .77- .77
1871 Norway	185	(a) (a)	(a)	.43- .54- —
1872 Cal.	16	38 M.	54-60-56	1.80-2.50-2.02
1872 Conn.	190	24 M.	60-60-60	.50-1.87-1.41
1872 Ill.	16	10 M.	60-60-60	1.75-2.00-1.85
1872 La.	16	10 M.	60-60-60	2.00-2.00-2.00
1872 Md.	16	40 M.	d 60-60-60	1.25-1.50-1.29
1872 Mass.	16	14 M.	60-60-60	1.00-1.92-1.54
1872 Minn.	16	21 M.	60-60-60	2.00-2.00-2.00
1872 Mo.	16	35 M.	60-60-60	1.00-2.00-1.54
1872 N. Y.	16	25 M.	60-60-60	1.40-1.75-1.68
1872 N. Y.	190	8 M.	60-60-60	.80-1.40-1.03
1872 Ohio	16	4 M.	60-60-60	1.25-1.50-1.36
1872 Pa.	16	65 M.	60-60-60	1.50-2.00-1.71
1872 England	16	(a) M.	54-54-54	1.22-1.30- —
1872 France	16	(a) M.	(a)	.77- .77- .77
1873 Cal.	16	33 M.	54-60-57	1.80-2.50-2.03
1873 Conn.	190	7 M.	60-60-60	1.00-1.88-1.55
1873 Ill.	16	23 M.	60-60-60	1.75-2.00-1.85
1873 La.	16	12 M.	60-60-60	2.00-2.00-2.00
1873 Md.	16	40 M.	d 60-60-60	1.25-1.50-1.29
1873 Mass.	16	12 M.	60-60-60	1.00-1.83-1.38
1873 Minn.	16	21 M.	60-60-60	1.04-2.00-1.60
1873 Mo.	16	41 M.	60-60-60	1.40-1.70-1.58
1873 N. Y.	16	23 M.	60-60-60	.80-1.50-1.06
1873 N. Y.	190	8 M.	60-60-60	1.33-1.67-1.53
1873 Ohio	16	5 M.	60-60-60	1.50-2.00-1.59
1873 Pa.	16	84 M.	60-60-60	1.22-1.30- —
1873 England	16	(a) M.	54-54-54	.77- .77- .77
1873 France	16	(a) M.	(a)	.72-1.08- —
1873 Germany	185	(a) (a)	60-60-60	1.80-2.75-2.08
1874 Cal.	16	39 M.	54-60-56	.70-1.75-1.51
1874 Conn.	190	22 M.	60-60-60	1.42-1.42-1.42
1874 Del.	185	10 M.	60-60-60	1.85-1.85-1.85
1874 Ill.	16	4 M.	60-60-60	2.00-2.00-2.00
1874 La.	16	10 M.	60-60-60	1.25-1.50-1.29
1874 Md.	16	40 M.	d 60-60-60	1.00-1.83-1.38
1874 Mass.	16	12 M.	60-60-60	2.00-2.00-2.00
1874 Minn.	16	19 M.	60-60-60	1.04-2.00-1.63
1874 Mo.	16	44 M.	60-60-60	1.40-1.65-1.58
1874 N. Y.	16	16 M.	60-60-60	.80-1.30- .97
1874 N. Y.	190	3 M.	60-60-60	1.33-1.67-1.46
1874 Ohio	16	4 M.	60-60-60	1.50-2.00-1.61
1874 Pa.	16	52 M.	60-60-60	.75- .75- .75
1874 Va.	16	2 M.	60-60-60	1.10-1.25- —
1874 Canada	185	(a) M.	58-60 —	1.22-1.30- —
1874 England	16	(a) M.	54-54-54	1.09-1.09-1.09
1874 England	185	(a) (a)	54-54-54	.77- .77- .77
1874 France	16	(a) M.	(a)	1.80-2.50-2.03
1875 Cal.	16	40 M.	54-60-56	.90- .90- .90
1875 Conn.	190	1 M.	60-60-60	1.70-1.80-1.73
1875 Ill.	16	32 M.	60-60-60	2.00-2.00-2.00
1875 La.	16	9 M.	60-60-60	1.25-1.50-1.29
1875 Md.	16	40 M.	d 60-60-60	1.00-1.83-1.45
1875 Mass.	16	24 M.	60-60-60	2.00-2.00-2.00
1875 Minn.	16	19 M.	60-60-60	1.04-2.00-1.64
1875 Mo.	16	45 M.	60-60-60	1.40-1.65-1.60
1875 N. Y.	16	14 M.	60-60-60	.80-1.30- .93
1875 N. Y.	190	4 M.	60-60-60	1.33-2.50-1.93
1875 Ohio	16	5 M.	60-60-60	1.30-2.00-1.55
1875 Pa.	16	40 M.	60-60-60	1.00-1.00-1.00
1875 Va.	16	2 M.	60-60-60	1.22-1.30- —
1875 England	16	(a) M.	54-54-54	.77- .77- .77
1875 France	16	(a) M.	(a)	.73- .73- .73
1875 Scotland	16	(a) M.	(a)	1.80-2.50-2.02
1876 Cal.	16	45 M.	54-60-56	.90-1.75-1.43
1876 Conn.	190	6 M.	60-60-60	1.70-1.75-1.70
1876 Ill.	16	15 M.	60-60-60	2.00-2.00-2.00
1876 La.	16	11 M.	60-60-60	1.25-1.50-1.29
1876 Md.	16	40 M.	d 60-60-60	1.00-1.67-1.34
1876 Mass.	16	24 M.	60-60-60	1.75-1.75-1.75
1876 Minn.	16	17 M.	60-60-60	1.19-2.00-1.72
1876 Mo.	16	68 M.	60-60-60	1.30-1.50-1.45
1876 N. Y.	16	19 M.	60-60-60	.80-1.40-1.06
1876 N. Y.	190	10 M.	60-60-60	1.65-1.83-1.73
1876 Ohio	16	5 M.	60-60-60	1.30-2.00-1.48
1876 Pa.	16	77 M.	60-60-60	.65-1.84-1.47
1876 Pa.	381	203 M.	(a)	1.00-1.00-1.00
1876 Va.	16	2 M.	60-60-60	1.28-1.76- —
1876 Australia	171	(a) M.	48-48-48	1.22-1.30- —
1876 England	16	(a) M.	54-54-54	.77- .77- .77
1876 France	16	(a) M.	(a)	1.80-2.25-1.97
1877 Cal.	16	56 M.	54-60-56	.90-1.75-1.32
1877 Conn.	190	6 M.	60-60-60	1.50-1.70-1.63
1877 Ill.	16	24 M.	60-60-60	2.00-2.00-2.00
1877 La.	16	12 M.	60-60-60	1.25-1.50-1.29
1877 Md.	16	40 M.	d 60-60-60	.83-1.83-1.29
1877 Mass.	16	12 M.	60-60-60	1.75-1.75-1.75
1877 Minn.	16	17 M.	60-60-60	1.19-2.00-1.74
1877 Mo.	16	71 M.	60-60-60	1.30-1.50-1.45
1877 N. Y.	16	15 M.	60-60-60	

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Average for 1867–68.
d Not including hours of 30 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 N. Y.	190	15 M.	60-60-60	0.80-1.40-1.11
1877 Ohio	16	7 M.	60-60-60	1.50-1.83-1.76
1877 Pa	16	58 M.	60-60-60	1.20-2.00-1.44
1877 Pa	382	9 M.	48-48-48	1.60-1.60-1.60
1877 Pa	382	49 M.	(a)	b.14- .14- .14
1877 Va	16	2 M.	60-60-60	1.00-1.00-1.00
1877 England	16	(a) M.	54-54-54	1.22-1.30- —
1877 France	16	(a) M.	(a)	.77- .77- .77
1878 Cal.	16	66 M.	54-60-55	1.80-2.25-1.94
1878 Conn.	190	16 M.	60-60-60	.90-1.75-1.48
1878 Ill.	16	24 M.	60-60-60	1.65-1.75-1.70
1878 La	16	10 M.	60-60-60	2.00-2.00-2.00
1878 Md.	16	40 M.	c 60-60-60	1.25-1.50-1.29
1878 Mass	16	16 M.	60-60-60	1.00-1.83-1.35
1878 Minn	16	17 M.	60-60-60	1.75-1.75-1.75
1878 Mo	16	79 M.	60-60-60	1.19-2.00-1.76
1878 N. Y.	16	35 M.	60-60-60	1.30-1.50-1.38
1878 N. Y.	190	13 M.	60-60-60	.80-1.40-1.15
1878 Ohio	16	15 M.	60-60-60	1.50-1.83-1.76
1878 Ohio	360	7 M.	(a)	1.25-1.25-1.25
1878 Pa	16	54 M.	60-60-60	1.20-2.00-1.42
1878 Pa	383	30 M.	48-60-54	1.10-1.50-1.32
1878 Va	16	2 M.	60-60-60	1.00-1.00-1.00
1878 Belgium	16	(a) M.	(a)	.58- .68- —
1878 England	16	(a) M.	54-54-54	1.22-1.30- —
1878 England	177	(a) M.	d 56-56-56	.81- .89- —
1878 France	16	(a) M.	(a)	.77- .77- .77
1879 Cal.	16	87 M.	54-60-56	1.80-2.25-1.96
1879 Conn.	190	8 M.	60-60-60	.50-1.50-1.09
1879 Ill.	16	29 M.	60-60-60	1.50-1.75-1.70
1879 La	16	8 M.	60-60-60	2.00-2.00-2.00
1879 Md.	16	40 M.	c 60-60-60	1.25-1.50-1.29
1879 Mass	16	17 M.	60-60-60	.75-1.83-1.40
1879 Minn	16	17 M.	60-60-60	1.75-1.75-1.75
1879 Mo	16	95 M.	60-60-60	1.14-2.00-1.62
1879 N. Y.	16	31 M.	60-60-60	1.40-1.70-1.50
1879 N. Y.	190	5 M.	60-60-60	1.20-1.30-1.26
1879 Ohio	16	10 M.	60-60-60	1.50-1.83-1.76
1879 Pa	16	50 M.	60-60-60	1.20-2.00-1.44
1879 Pa	384	23 M.	e 60-60-60	1.15-1.35-1.18
1879 Va	16	1 M.	60-60-60	1.00-1.00-1.00
1879 Belgium	16	(a) M.	(a)	.63- .64- —
1879 England	16	(a) M.	54-54-54	1.22-1.30- —
1879 France	16	(a) M.	(a)	.77- .77- .77
1880 Cal.	16	46 M.	54-60-55	1.80-2.25-1.98
1880 Conn.	190	10 M.	60-60-60	.75-1.50-1.15
1880 Ill.	16	24 M.	60-60-60	1.50-1.70-1.63
1880 Ill.	205	36 M.	48-55-51	1.03-1.23-1.17
1880 La	16	9 M.	60-60-60	1.50-1.75-1.61
1880 Md.	16	50 M.	f 60-60-60	1.25-1.50-1.28
1880 Mass	16	15 M.	60-60-60	.90-1.83-1.38
1880 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1880 Mo	16	96 M.	60-60-60	1.14-2.00-1.62
1880 N. Y.	16	19 M.	60-60-60	1.40-1.73-1.50
1880 N. Y.	190	7 M.	60-60-60	.80-1.30-1.06
1880 Ohio	16	4 M.	60-60-60	1.58-1.83-1.71
1880 Pa	16	84 M.	60-60-60	1.20-2.00-1.34
1880 Va	16	3 M.	60-60-60	1.17-1.33-1.22
1880 Belgium	16	(a) M.	(a)	.60- .64- —
1880 England	16	(a) M.	54-54-54	1.22-1.30- —
1880 France	16	(a) M.	(a)	.87- .87- .87
1881 Cal.	16	70 M.	54-60-56	1.75-2.25-2.00
1881 Conn.	190	39 M.	60-60-60	1.00-1 75-1.40
1881 Ill	16	27 M.	60-60-60	1.50-1.65-1.65
1881 La	16	10 M.	60-60-60	1.50-1.75-1.60
1881 Md.	16	50 M.	f 60-60-60	1.25-1.50-1.28
1881 Mass	16	29 M.	60-60-60	1.00-1.75-1.44
1881 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1881 Mo	16	95 M.	60-60-60	1.14-2.00-1.61
1881 N. Y.	16	40 M.	60-60-60	1.50-1.80-1.58
1881 N. Y.	190	13 M.	60-60-60	.80-1.40-1.12
1881 Ohio	16	8 M.	60-60-60	1.50-1.83-1.66
1881 Pa	16	94 M.	60-60-60	1.30-2.00-1.42
1881 Va	16	3 M.	60-60-60	1.00-1.17-1.11
1881 Australia	431	(a) (a)	(a)	b.16- .18½- —
1881 Belgium	16	(a) M.	(a)	.57- .64- —
1881 England	16	(a) M.	54-54-54	1.22-1.30- —
1881 France	16	(a) M.	(a)	.87- .87- .87
1882 Cal.	16	76 M.	54-60-56	1.75-2.25-2.01
1882 Conn.	190	25 M.	60-60-60	.50-1.75-1.42
1882 Ill.	16	36 M.	60 60-60	1.60-1.90-1.65
1882 La	16	12 M.	60-60-60	1.50-1.75-1.61
1882 Md.	16	50 M.	f 60-60-60	1.25-1.50-1.28
1882 Mass	16	19 M.	60-60-60	1.00-1.83-1.49
1882 Minn	16	19 M.	60-60-60	1.75-1.75-1.75
1882 Mo	16	99 M.	60-60-60	1.26-2.00-1.72
1882 Mo	294	1 M.	60-60-60	1.90-1.90-1.90
1882 N. Y.	16	14 M.	60-60-60	1.50-2.00-1.68
1882 N. Y.	190	8 M.	60-60-60	.90-1.40-1.19
1882 Ohio	16	6 M.	60-60-60	1.50-1.83-1.63
1882 Ohio	364	53 (a)	g 54-60-60	1.10-1.50-1.35
1882 Pa	16	73 M.	60-60-60	1.30-2.00-1.50
1882 Va	16	5 M.	60-60-60	1.08-1.33-1.18
1882 Belgium	16	(a) M.	(a)	.55- .64- —
1882 England	16	(a) M.	49-54 —	1.30-1.46- —
1882 France	16	(a) M.	(a)	.87- .87- .87
1883 Cal.	16	61 M.	54-60-56	1.89-2.50-2.08
1883 Conn.	190	22 M.	60-60-60	1.00-1.75-1.45
1883 Ill.	16	14 M.	60-60-60	1.50-1.65-1.65
1883 La	16	12 M.	60-60-60	1.50-1.50-1.50
1883 Md.	16	50 M.	f 60-60-60	1.25-1.50-1.37
1883 Mass	16	15 M.	60-60-60	1.00-1.83-1.43
1883 Mass	273	5 M.	(a)	.83-1.50-1.27
1883 Minn	16	19 M.	60-60-60	1.75-1.75-1.75
1883 Mo	16	98 M.	60-60-60	1.26-2.00-1.72
1883 N. Y.	16	16 M.	60-60-60	1.50-2.00-1.65
1883 N. Y.	190	7 M.	60-60-60	1.00-1.40-1.23
1883 Ohio	16	5 M.	60-60-60	1.42-1.83-1.52
1883 Pa	16	91 M.	60-60-60	1.30-2.00-1.49
1883 Va	16	3 M.	60-60-60	1.00-1.25-1.08
1883 Belgium	16	(a) M.	(a)	.53- .68- —
1883 England	16	(a) M.	49-54 —	1.30-1.46- —
1883 France	16	(a) M.	(a)	.87- .87- .87
1884 Cal.	16	69 M.	54-60-56	1.89-2.50-2.10
1884 Conn.	190	15 M.	60-60-60	1.00-1.75-1.45
1884 Ill.	16	32 M.	60-60-60	1.50-1.70-1.63
1884 La	16	12 M.	60-60-60	1.50-1.75-1.58
1884 Md.	16	50 M.	f 60-60-60	1.25-1.50-1.37
1884 Mass	16	16 M.	60-60-60	1.00-1.83-1.48
1884 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1884 Mo	16	100 M.	60-60-60	1.26-2.00-1.72
1884 N. J	323	1 M.	60-60-60	1.37-1.37-1.37
1884 N. Y.	16	24 M.	60-60-60	1.10-1.60-1.43
1884 N. Y.	190	5 M.	60-60-60	1.10-1.40-1.28
1884 Ohio	16	6 M.	60-60-60	1.42-1.83-1.57
1884 Pa	16	71 M.	60-60-60	1.30-2.00-1.50
1884 Va	16	1 M.	60-60-60	1.00-1.00-1.00
1884 Aust-Hun	178	(a) M.	72-72-72	.32- .64- —
1884 Belgium	16	(a) M.	(a)	.53- .64- —
1884 Belgium	178	(a) M.	60-60-60	.58- .77- —
1884 Brazil	178	(a) M.	63-63-63	1.07-1.07-1.07
1884 Canada	178	(a) (a)	(a)	1.00-1.25- —
1884 C. of G'd H.	178	(a) (a)	(a)	1.07-1.88- —
1884 England	16	(a) M.	49-54 —	1.30-1.46- —
1884 England	178	(a) M.	54-54-54	.75-1.26- —
1884 France	16	(a) M.	(a)	.87- 87- .87

a Not reported.
b Per hour.
c Not including hours of 30 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 4 persons not reported.
f Not including hours of 40 persons not reported.
g Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany	178	(a) M.	(a)	0.60-0.83- —
1884 Hawai. Is	178	(a) (a)	53-53-53	1.67-2.00- —
1884 Ireland	178	(a) M.	56-56-56	.73- .81- —
1884 Scotland	178	(a) M.	54-54-54	.79- .79- .79
1884 Spain	178	(a) M.	57-60 —	.60- .77- —
1884 Switzerl'd	178	(a) (a)	b 65-65-65	.55- .74- —
1884 Turk. in A	178	(a) (a)	66-66-66	.57- .69- —
1884 Wales	178	(a) M.	54-54-54	.93- .93- .93
1885 Cal	1	14 M.	60-60-60	2.00-2.00-2.00
1885 Cal	16	74 M.	54-60-55	1.89-2.50-2.09
1885 Conn	190	10 M.	60-60-60	1.00-1.75-1.44
1885 Ill	16	32 M.	60-60-60	1.50-1.65-1.55
1885 Ind	1	2 M.	60-60-60	1.25-1.25-1.25
1885 Kans	239	3 M.	48-60-54	1.35-1.50-1.42
1885 La	16	12 M.	60-60-60	1.50-1.75-1.58
1885 Md	16	50 M.	c 60-60-60	1.25-1.50-1.37
1885 Mass	16	16 M.	60-60-60	1.00-1.83-1.47
1885 Mich	279	75 M.	(a)	.90-2.00-1.36
1885 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1885 Mo	16	76 M.	60-60-60	1.23-2.00-1.79
1885 N. J	324	8 M.	60-60-60	1.50-1.50-1.50
1885 N. Y	16	6 M.	60-60-60	1.35-1.60-1.45
1885 N. Y	190	5 M.	60-60-60	.70-1.25-1.00
1885 Ohio	1	45 M.	60-60-60	1.35-1.50-1.39
1885 Ohio	16	8 M.	60-60-60	1.33-1.75-1.61
1885 Pa	16	61 M.	60-60-60	1.35-2.00-1.46
1885 Va	1	12 M.	60-60-60	1.30-1.30-1.30
1885 Va	16	1 M.	60-60-60	.90- .90- .90
1885 Australia	431	(a) (a)	(a)	d .16- .18½- —
1885 Belgium	16	(a) M.	(a)	.53- .64- —
1885 Canada	467	(a) M.	59-60 —	1.22-1.24- —
1885 England	16	(a) M.	49-54 —	1.30-1.46- —
1885 France	16	(a) M.	(a)	.87- .87-' .87
1886 Cal	16	74 M.	54-60-55	1.89-2.50-2.08
1886 Conn	190	13 M.	60-60-60	1.00-1.75-1.43
1886 Ill	16	28 M.	60-60-60	1.50-1.90-1.75
1886 Kans	240	1 M.	60-60-60	1.75-1.75-1.75
1886 La	16	14 M.	60-60-60	1.50-1.75-1.57
1886 Md	16	50 M.	c 60-60-60	1.25-1.50-1.28
1886 Mass	16	22 M.	60-60-60	1.00-1.83-1.54
1886 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1886 Mo	16	90 M.	60-60-60	1.20-2.00-1.73
1886 N. Y	16	14 M.	60-60-60	1.35-1.80-1.53
1886 N. Y	190	6 M.	60-60-60	.80-1.30- .99
1886 Ohio	16	4 M.	54-54-54	1.20-1.50-1.43
1886 Pa	16	75 M.	60-60-60	1.15-2.00-1.41
1886 Va	16	3 M.	60-60-60	1.00-1.00-1.00
1886 Belgium	16	(a) M.	(a)	.53- .68- —
1886 Canada	468	(a) M.	59-60 —	1.27-1.41- —
1886 England	16	(a) M.	49-54 —	1.30-1.46- —
1886 France	16	(a) M.	(a)	.87- .87- .87
1887 Cal	16	69 M.	54-60-56	1.89-2.50-2.11
1887 Conn	4	1 M.	(a)	2.00-2.00-2.00
1887 Conn	190	31 M.	60-60-60	1.00-1.75-1.50
1887 Del	4	1 M.	(a)	d .15- .15- .15
1887 Fla	4	8 M.	(a)	.60-1.25-1.03
1887 Ill	16	31 M.	60-60-60	1.50-1.90-1.70
1887 Kans	241	1 M.	60-60-60	1.75-1.75-1.75
1887 La	16	12 M.	60-60-60	1.50-1.75-1.56
1887 Md	4	233 M.	(a)	.70-2.25-1.21
1887 Md	16	50 M.	c 60-60-60	1.25-1.50-1.37
1887 Mass	4	20 M.	(a)	.50-2.00-1.33
1887 Mass	16	19 M.	60-60-60	1.00-1.83-1.51
1887 Mich	4	4 M.	(a)	d .15- .15- .15
1887 Minn	16	18 M.	60-60-60	1.75-1.75-1.75
1887 Mo	4	99 M.	(a)	1.25-2.00-1.64
1887 Mo	16	84 M.	60-60-60	1.20-2.00-1.78
1887 N. J	4	31 M.	(a)	0.80-1.75-1.34
1887 N. Y	4	64 M.	(a)	1.00-1.75-1.33
1887 N. Y	16	25 M.	60-60-60	1.10-1.50-1.43
1887 N. Y	190	5 M.	60-60-60	.80-1.25- .97
1887 Ohio	16	6 M.	54-54-54	1.13-1.31-1.19
1887 Oregon	4	12 M.	(a)	1.50-2.50-2.25
1887 Pa	4	372 M.	e 60-60-60	.50-1.75-1.37
1887 Pa	16	90 M.	60-60-60	1.25-2.00-1.45
1887 Va	16	3 M.	60-60-60	1.00-1.00-1.00
1887 Wis	4	30 M.	(a)	.75-2.00-1.46
1887 Wis	409	71 M.	(a)	1.49-1.49-1.49
1887 Australia	420	(a) (a)	f 48-48-48	1.46-1.83- —
1887 Belgium	16	(a) M.	(a)	.58- .66- —
1887 Canada	469	(a) M.	60-60-60	1.20-1.20-1.20
1887 England	16	(a) M.	49-54 —	1.30-1.46- —
1887 France	16	(a) M.	(a)	.87- .87- .87
1888 Cal	16	52 M.	54-60-56	1.89-2.50-2.12
1888 Conn	190	14 M.	60-60-60	1.00-1.75-1.47
1888 Ill	16	25 M.	60-60-60	1.65-1.90-1.75
1888 La	16	12 M.	60-60-60	1.50-1.75-1.54
1888 Md	16	50 M.	c 60-60-60	1.25-1.50-1.37
1888 Mass	16	14 M.	60-60-60	1.00-1.83-1.50
1888 Minn	16	24 M.	60-60-60	2.00-2.00-2.00
1888 Mo	16	99 M.	60-60-60	1.16-2.00-1.72
1888 Nebr	312	49 (a)	54-60-56	1.30-2.02-1.83
1888 N. J	326	35 M.	(a)	1.60-1.67-1.65
1888 N. Y	16	18 M.	60-60-60	1.10-1.80-1.48
1888 N. Y	190	7 M.	60-60-60	.70-1.50-1.14
1888 N. Y	331	47 M.	g 53-60-56	1.50-1.75-1.59
1888 N. Y	16	7 M.	54-54-54	1.13-1.58-1.28
1888 Ohio	16	99 M.	60-60-60	1.30-2.00-1.41
1888 Pa	16	3 M.	60-60-60	1.17-1.17-1.17
1888 Va	421	(a) M.	48-48-48	1.46-1.83- —
1888 Australia	432	(a) M.	(a)	1.46-1.70- —
1888 Belgium	16	(a) M.	(a)	.57- .68- —
1888 Canada	470	(a) M.	59-59-59	1.22-1.22-1.22
1888 England	16	(a) M.	49-54 —	1.30-1.46- —
1888 France	16	(a) M.	(a)	.87- .87- .87
1889 Cal	16	58 M.	54-60-56	1.89-2.75-2.14
1889 Conn	190	11 M.	60-60-60	1.25-1.75-1.56
1889 Ill	5	1 M.	60-60-60	1.50-1.50-1.50
1889 Ill	16	33 M.	60-60-60	1.65-1.80-1.68
1889 Kans	243	141 M.	h 60-60-60	1.00-2.15-1.55
1889 La	16	12 M.	60-60-60	1.50-1.75-1.54
1889 Md	16	50 M.	c 60-60-60	1.25-1.50-1.37
1889 Mass	16	20 M.	60-60-60	1.00-1.92-1.53
1889 Minn	16	30 M.	60-60-60	2.00-2.00-2.00
1889 Mo	16	116 M.	60-60-60	1.07-2.00-1.66
1889 N. Y	5	5 M.	i 60-60-60	1.50-1.75-1.65
1889 N. Y	16	15 M.	60-60-60	1.10-1.90-1.48
1889 N. Y	190	10 M.	60-60-60	.70-1.60-1.25
1889 Ohio	16	7 M.	54-54-54	1.13-1.58-1.32
1889 Pa	5	2 M.	60-60-60	1.30-1.30-1.30
1889 Pa	16	92 M.	60-60-60	1.30-2.00-1.42
1889 Va	16	9 M.	60-60-60	1.08-1.08-1.08
1889 Australia	432	(a) M.	(a)	1.46-1.83- —
1889 Belgium	16	(a) M.	(a)	.57- .64- —
1889 Canada	471	(a) M.	57-60 —	1.04-1.24- —
1889 England	16	(a) M.	49-54 —	1.30-1.46- —
1889 France	5	(a) M.	(a)	.25- .25- .25
1889 France	16	(a) M.	(a)	.87- .87- .87
1890 Cal	16	40 M.	48-60-54	1.68-2.75-2.07
1890 Conn	190	20 M.	60-60-60	.60-1.75-1.44
1890 Ill	16	33 M.	60-60-60	1.60-1.70-1.65
1890 La	16	11 M.	60-60-60	1.50-1.75-1.52
1890 Md	16	50 M.	c 60-60-60	1.25-1.50-1.37
1890 Mass	16	22 M.	60-60-60	1.00-1.83-1.49

a Not reported.
b Applies to but 2 of the 5 wage quotations.
c Not including hours of 40 persons not reported.
d Per hour.
e Not including hours of 353 persons not reported.
f Applies to but 1 of the 4 wage quotations.
g Not including hours of 18 persons not reported.
h Not including hours of 8 persons not reported.
i Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS' HELPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Mich	282	1 M.	60-60-60	0.75-0.75-0.75
1890 Minn	16	28 M.	60-60-60	2.00-2.00-2.00
1890 Mo	16	116 M.	60-60-60	1.13-2.00-1.62
1890 N. Y.	16	36 M.	60-60-60	1.10-1.60-1.45
1890 N. Y.	190	14 M.	60-60-60	.85-1.50-1.33
1890 N. Y.	333	10 M.	(a)	1.25-1.75-1.42
1890 Ohio	16	8 M.	54-54-54	1.22-1.58-1.34
1890 Pa	16	120 M.	60-60-60	1.30-2.00-1.39
1890 Va	16	4 M.	60-60-60	1.08-1.33-1.17
1890 Belgium	16	(a) M.	(a)	.48- .64- —
1890 England	16	(a) M.	49-54 —	1.30-1.46- —
1890 France	16	(a) M.	(a)	.97- .97- .97
1890 Gr't Brit	632	(a) M.	54-54-54	.59- .67- —
1891 Cal	16	45 M.	48-60-53	1.68-2.75-2.02
1891 Conn	190	13 M.	60-60-60	.50-2.00-1.53
1891 Ill	16	43 M.	60-60-60	1.60-1.75-1.68
1891 La	16	12 M.	60-60-60	1.50-1.50-1.50
1891 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1891 Mass	16	21 M.	60-60-60	1.00-1.83-1.49
1891 Minn	16	31 M.	60-60-60	2.00-2.00-2.00
1891 Mo	16	87 M.	60-60-60	1.08-2.00-1.66
1891 N. Y.	16	23 M.	60-60-60	1.50-1.80-1.63
1891 N. Y.	190	21 M.	60-60-60	1.10-1.60-1.39
1891 N. Y.	333	109 M.	(a)	.50-1.75-1.31
1891 Ohio	16	5 M.	54-54-54	1.17-1.35-1.27
1891 Pa	16	102 M.	54-60-59	1.30-2.00-1.43
1891 Va	16	7 M.	60-60-60	1.25-1.33-1.26
1891 Belgium	16	(a) M.	(a)	.55- .64- —
1891 Belgium	457	(a) M.	c 66-66-66	.48- .54- —
1891 England	16	(a) M.	49-54 —	1.30-1.46- —
1891 France	16	(a) M.	(a)	.97- .97- .97
(d) Switzerl'd.	595	(a) M.	(a)	.62- .62- .62
1892 Cal	16	58 M.	48-60-52	1.68-2.75-1.99
1892 Conn	190	21 M.	60-60-60	1.25-2.00-1.75
1892 Ill	16	41 M.	60-60-60	1.60-1.90-1.68
1892 La	16	10 M.	60-60-60	1.50-1.50-1.50
1892 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1892 Mass	16	20 M.	60-60-60	1.00-1.75-1.42
1892 Minn	16	24 M.	60-60-60	2.00-2.00-2.00
1892 Mo	16	92 M.	60-60-60	1.17-2.00-1.70
1892 N. Y.	16	20 M.	60-60-60	1.10-1.50-1.40
1892 N. Y.	190	13 M.	60-60-60	1.40-1.90-1.55
1892 Ohio	16	7 M.	54-54-54	1.08-1.50-1.24
1892 Pa	16	111 M.	54-60-60	1.40-2.00-1.49
1892 Va	16	6 M.	60-60-60	1.17-1.33-1.20
1892 Belgium	16	(a) M.	(a)	.55- .68- —
1892 England	16	(a) M.	49-54 —	1.30-1.46- —
1892 France	16	(a) M.	(a)	.97- .97- .97
1892 France	505	(a) M.	72-77 —	.43- .96- —
1893 Cal	16	53 M.	48-60-51	1.68-2.75-1.96
1893 Ill	16	9 M.	60-60-60	1.65-1.90-1.75
1893 La	16	10 M.	60-60-60	1.50-1.50-1.50
1893 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1893 Mass	16	21 M.	54-54-54	.92-1.75-1.43
1893 Mich	285	2 M.	60-60-60	1.50-1.75-1.63
1893 Minn	16	21 M.	60-60-60	1.75-1.75-1.75
1893 Mo	16	117 M.	60-60-60	1.14-2.00-1.72
1893 Mo	302	140 M.	60-60-60	1.74-1.74-1.74
1893 Mont	307	4 M.	48-57-53	1.75-3.00-2.13
1893 N. Y.	10	1 M.	60-60-60	2.50-2.50-2.50
1893 N. Y.	16	24 M.	60-60-60	1.10-1.50-1.43
1893 Ohio	16	11 M.	54-54-54	1.17-1.50-1.23
1893 Ohio	374	237 M.	e 48-60-55	1.24-1.75-1.55
1893 Pa	16	157 M.	54-60-59	1.20-2.00-1.34
1893 Va	16	6 M.	60-60-60	1.17-1.33-1.25
1893 Belgium	16	(a) M.	(a)	.58- .68- —
1893 England	16	(a) M.	49-54 —	1.30-1.46- —
1893 England	583	(a) M.	(a)	.73- .85- —
1893 France	16	(a) M.	(a)	.97- .97- .97
1893 N. Zealand	668	(a) M.	(a)	1.58-1.70- —
1894 Cal	16	45 M.	48-60-50	1.68-2.75-1.94
1894 Ill	16	33 M.	60-60-60	1.65-1.75-1.65
1894 Iowa	236	2 M.	48-60-54	1.25-1.25-1.25
1894 La	16	12 M.	60-60-60	1.50-1.50-1.50
1894 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1894 Mass	16	7 M.	54-54-54	.92-1.75-1.47
1894 Minn	16	19 M.	60-60-60	1.75-1.75-1.75
1894 Mo	16	116 M.	60-60-60	1.20-2.00-1.82
1894 Mont	308	2 M.	(a)	2.88-2.88-2.88
1894 N. Y.	16	16 M.	60-60-60	1.10-1.60-1.43
1894 Ohio	16	9 M.	54-54-54	1.13-1.50-1.24
1894 Ohio	375	72 M.	60-60-60	1.25-1.75-1.47
1894 Pa	16	97 M.	54-60-59	1.20-2.00-1.35
1894 Va	16	4 M.	60-60-60	1.08-1.25-1.21
1894 W. Va	406	3 M.	48-48-48	.88-1.20- .99
1894 Australia	425	(a) (a)	(a)	1.70-2.07- —
1894 Belgium	16	(a) M.	(a)	.56- .64- —
1894 England	16	(a) M.	49-54 —	1.30-1.46- —
1894 France	16	(a) M.	(a)	.97- .97- .97
1894 N. Zealand	669	(a) M.	(a)	1.70-1.74- —
1894 Wales	590	(a) M.	(a)	.97-1.09- —
1895 Cal	16	63 M.	48-60-53	1.68-2.75-1.99
1895 Ill	16	54 M.	60-60-60	1.50-2.25-1.68
1895 La	16	13 M.	60-60-60	1.50-1.50-1.50
1895 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1895 Mass	16	21 M.	54-54-54	1.00-1.75-1.44
1895 Minn	16	19 M.	60-60-60	1.75-1.75-1.75
1895 Mo	16	139 M.	60-60-60	1.12-2.00-1.80
1895 N. Y.	16	14 M.	60-60-60	1.10-1.60-1.38
1895 Ohio	16	2 M.	54-54-54	1.08-1.31-1.19
1895 Ohio	376	70 M.	54-60-58	1.35-1.60-1.51
1895 Pa	16	106 M.	54-60-59	1.20-2.00-1.35
1895 Va	16	3 M.	60-60-60	1.00-1.25-1.17
1895 Australia	426	(a) (a)	(a)	1.70-2.07- —
1895 Belgium	16	(a) M.	(a)	.58- .64- —
1895 Canada	187	(a) M.	60-60-60	1.25-1.50- —
1895 England	16	(a) M.	49-53 —	1.30-1.46- —
1895 France	16	(a) M.	(a)	.97- .97- .97
1895 N. Zealand	670	(a) M.	(a)	1.70-1.70-1.70
1896 Cal	16	72 M.	48-60-54	1.68-2.75-1.98
1896 Ill	16	53 M.	30-60-60	1.65-1.75-1.65
1896 La	16	11 M.	60-60-60	1.50-1.50-1.50
1896 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1896 Mass	14	6 M.	56-56-56	1.31-1.68-1.43
1896 Mass	16	23 M.	54-54-54	1.00-1.75-1.47
1896 Minn	16	22 M.	60-60-60	1.75-1.75-1.75
1896 Mo	16	136 M.	60-60-60	1.08-2.00-1.79
1896 Mont	310	3 M.	(a)	2.49-2.49-2.49
1896 N. Y.	14	23 M.	55-60-57	1.60-2.00-1.79
1896 N. Y.	16	21 M.	60-60-60	1.10-1.60-1.43
1896 Ohio	16	4 M.	54-54-54	1.08-1.35-1.21
1896 Ohio	377	81 M.	60-60-60	1.37-1.50-1.40
1896 Pa	16	144 M.	54-60-59	1.30-2.00-1.40
1896 Pa	394	7 M.	60-60-60	1.25-1.50-1.33
1896 Va	16	4 M.	60-60-60	1.00-1.25-1.19
1896 Australia	427	(a) (a)	(a)	1.58-2.07- —
1896 Belgium	16	(a) M.	(a)	.60- .68- —
1896 Belgium	184	(a) (a)	(a)	.58- .58- .58
1896 England	16	(a) M.	49-53 —	1.30-1.46- —
1896 France	16	(a) M.	(a)	.97- .97- .97
1897 Cal	16	78 M.	48-60-52	1.68-2.75-1.98
1897 Ill	16	54 M.	60-60-60	1.65-1.75-1.68
1897 La	16	12 M.	60-60-60	1.50-1.50-1.50
1897 Md	16	50 M.	b 60-60-60	1.25-1.50-1.37
1897 Mass	16	14 M.	54-54-54	.90-1.75-1.47
1897 Minn	16	25 M.	60-60-60	1.75-1.75-1.75
1897 Mo	16	122 M.	60-60-60	1.10-2.00-1.83
1897 Mont	311	3 (a)	(a)	2.49-2.49-2.49

a Not reported.
b Not including hours of 40 persons not reported.
c Applies to but 2 of the 3 wage quotations.
d Average for 1888–91.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILER MAKERS' HELPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Nebr	314	1 M.	48-48-48	1.25-1.25-1.25
1897 N. Y.	16	26 M.	60-60-60	1.00-1.50-1.43
1897 Ohio	16	6 M.	54-54-54	1.08-1.35-1.21
1897 Pa	16	118 M.	54-60-59	1.30-2.00-1.41
1897 Va	16	3 M.	60-60-60	1.25-1.25-1.25
1897 Va	404	644 M.	60-60-60	1.25-1.50-1.35
1897 Australia	428	(a) (a)	(a)	1.58-2.07- —
1897 France	511	(a) M.	60-60-60	.68- .68- .68
1897 Wales	587	(a) M.	(a)	1.34-1.46- —
1898 Cal.	16	100 M.	48-60-52	1.60-2.75-1.94
1898 Ill.	16	56 M.	60-60-60	1.65-1.75-1.68
1898 Kans.	252	71 M.	*b* 48-54-52	.80-1.71-1.44
1898 La	16	10 M.	60-60-60	1.50-1.50-1.50
1898 Md.	16	50 M.	*c* 60-60-60	1.25-1.50-1.37
1898 Mass	16	36 M.	54-54-54	.83-1.75-1.47
1898 Mich	290	6 M.	(a)	1.42-1.42-1.42
1898 Minn.	16	25 M.	60-60-60	1.75-1.75-1.75
1898 Mo	16	127 M.	60-60-60	1.10-2.00-1.83
1898 Nebr	314	55 (a)	48-48-48	1.90-2.10-2.00
1898 N. Y.	16	23 M.	60-60-60	1.10-1.50-1.40
1898 Ohio	16	6 M.	54-54-54	1.08-1.50-1.19
1898 Ohio	18	7 M.	(a)	.90-1.75-1.46
1898 Pa	16	172 M.	54-60-59	1.35-2.00-1.43
1898 Va	16	8 M.	60-60-60	1.00-1.33-1.15
1898 Australia	429	(a) (a)	(a)	1.62-1.83- —
1898 Belgium	454	(a) (a)	(a)	*d* .05½-.05½-.05½
1899 Mass	18	50 M.	54-54-54	1.75-1.75-1.75
1899 N. Y.	18	64 M.	54-54-54	1.17-1.80-1.44
1899 Ohio	18	66 M.	*e* 60-60-60	1.04-2.00-1.56
1900 Mass	18	60 M.	54-54-54	1.75-1.75-1.75
1900 N. Y.	18	52 M.	54-54-54	1.17-1.80-1.46
1900 Ohio	18	95 M.	60-60-60	1.40-1.90-1.57

BOILERMEN.

1840	England	564	(a)	(a)	60-60-60	.65- .65- .65	1871	Mass	267	1	M.	48-48-48	3.00-3.00-3.00
1848	Mass	190	2	M.	75-75-75	1.00-1.00-1.00	1871	N. Y.	190	4	M.	60-60-60	1.50-1.65-1.58
1849	Mass	190	2	M.	75-75-75	1.00-1.00-1.00	1871	England	568	(a)	M.	60-60-60	.89- .89- .89
1849	N. Y.	190	6	M.	60-60-60	.75-1.50-1.04	1872	Mass	190	5	M.	66-66-66	1.75-2.50-1.90
1850	Mass	190	2	M.	75-75-75	1.00-1.00-1.00	1872	N. Y.	190	8	M.	60-60-60	1.50-1.90-1.70
1850	N. Y.	190	3	M.	60-60-60	.88- .88- .88	1872	England	185	(a)	M.	60-60-60	.89- .89- .89
1850	England	564	(a)	(a)	60-60-60	.69- .69- .69	1872	Russia	612	(a)	(a)	69-69-69	.51- .51- .51
1851	Mass	190	3	M.	72-75-74	1.00-1.00-1.00	1873	Mass	190	6	M.	66-66-66	1.75-2.00-1.83
1851	N. Y.	190	2	M.	60-60-60	.88- .88- .88	1873	N. Y.	190	13	M.	60-60-60	1.50-1.90-1.66
1852	Mass	190	3	M.	72-75-74	1.00-1.00-1.00	1873	England	185	(a)	M.	(a)	*f* 1.00-1.57- —
1852	N. Y.	190	2	M.	60-60-60	.88- .88- .88	1874	Mass	190	6	M.	66-66-66	1.67-1.75-1.72
1853	Mass	190	2	M.	72-75-73	1.00-1.00-1.00	1874	N. Y.	190	6	M.	60-60-60	1.50-1.70-1.60
1854	Mass	190	2	M.	66-72-69	1.00-1.00-1.00	1875	Mass	190	8	M.	60-60-60	1.60-1.75-1.73
1854	N. Y.	190	4	M.	60-60-60	.75-1.00- .88	1875	Mass	270	4	M.	(a)	1.81-1.81-1.81
1855	Mass	190	3	M.	66-72-70	1.00-1.50-1.22	1875	N. Y.	190	4	M.	60-60-60	1.48-1.63-1.55
1855	N. Y.	190	7	M.	60-60-60	.88-1.00- .91	1876	Mass	190	10	M.	60-60-60	1.10-1.75-1.56
1856	Mass	190	4	M.	66-72-69	1.17-1.50-1.27	1876	N. Y.	190	5	M.	60-60-60	1.38-1.75-1.50
1856	N. Y.	190	3	M.	60-60-60	.88- .88- .88	1877	Mass	190	8	M.	60-60-60	1.26-1.75-1.69
1857	Mass	190	4	M.	66-72-69	1.17-1.42-1.25	1877	N. Y.	190	7	M.	60-60-60	1.13-1.50-1.30
1858	Mass	190	5	M.	66-72-67	1.17-1.58-1.25	1877	Pa	382	2	M.	72-72-72	2.00-2.00-2.00
1858	N. Y.	190	4	M.	60-60-60	.75- .88- .84	1877	England	570	(a)	M.	*g* 54-78 —	.99-1.32- —
1859	Mass	190	4	M.	66-72-69	1.17-1.60-1.38	1878	Mass	190	8	M.	60-60-60	1.13-1.75-1.67
1859	N. Y.	190	8	M.	60-60-60	.75-1.00- .86	1878	N. Y.	190	11	M.	60-60-60	1.28-1.60-1.45
1860	Mass	190	3	M.	66-72-68	1.17-1.75-1.36	1878	Pa	383	9	M.	*h* 72-72-72	1.35-2.00-1.57
1860	England	564	(a)	(a)	60-60-60	.73- .73- .73	1879	Mass	190	10	M.	60-60-60	1.30-1.75-1.62
1861	Mass	190	3	M.	66-66-66	1.17-1.50-1.28	1879	N. Y.	190	4	M.	60-60-60	1.28-1.40-1.34
1862	Mass	190	3	M.	66-66-66	1.17-1.67-1.33	1880	Mass	190	11	M.	60-60-60	1.35-1.60-1.55
1863	Mass	190	5	M.	66-66-66	1.17-1.83-1.40	1880	N. Y.	190	12	M.	60-60-60	1.30-1.75-1.61
1863	N. Y.	190	2	M.	60-60-60	.75- .88- .82	1880	England	571	(a)	M.	*i* 60-70 —	.81-1.14- —
1864	Mass	190	6	M.	66-66-66	1.17-1.75-1.35	1881	Mass	190	11	M.	60-60-60	1.35-1.70-1.62
1864	N. Y.	190	6	M.	60-60-60	1.25-1.38-1.33	1881	N. H	7	23	M.	65-65-65	1.87-1.87-1.87
1865	Mass	190	6	M.	*e* 66-66-66	1.50-2.00-1.63	1881	N. Y.	190	8	M.	60-60-60	1.50-2.00-1.75
1866	Mass	190	4	M.	66-66-66	1.63-2.00-1.72	1882	Ga	7	1	M.	72-72-72	1.00-1.00-1.00
1866	N. Y.	190	7	M.	60-60-60	1.44-1.65-1.52	1882	Mass	190	12	M.	60-60-60	1.35-1.70-1.63
1867	Ga	7	1	M.	66-66-66	1.00-1.00-1.00	1882	N. Y.	190	14	M.	60-60-60	1.40-1.75-1.63
1867	Mass	190	5	M.	66-66-66	1.63-2.00-1.70	1882	S. C	7	1	M.	76-76-76	.50- .50- .50
1867	N. Y.	190	3	M.	60-60-60	1.50-1.65-1.60	1883	Ga	7	2	M.	66-66-66	1.00-1.00-1.00
1868	Mass	190	6	M.	66-66-66	1.63-2.25-1.73	1883	Mass	190	17	M.	60-60-60	1.35-1.84-1.77
1868	N. Y.	190	6	M.	60-60-60	1.50-1.65-1.55	1883	Mass	273	26	M.	(a)	1.24-1.65-1.29
1868	Germany	609	(a)	(a)	72-72-72	.31- .37- —	1883	N. Y.	190	11	M.	60-60-60	1.63-1.75-1.73
1869	Mass	190	5	M.	66-66-66	1.63-2.00-1.70	1883	S. C	7	1	M.	72-72-72	.85- .85- .85
1869	N. Y.	190	4	M.	60-60-60	1.50-1.65-1.58	1883	Br. India	459	(a)	(a)	(a)	.07½-.07½-.07½
1870	Mass	190	6	M.	66-66-66	1.63-1.83-1.70	1883	England	572	(a)	M.	72-72-72	.93- .93- .93
1870	N. Y.	190	5	M.	60-60-60	1.50-1.65-1.56	1883	Scotland	572	(a)	M.	54-60 —	.36-1.26- —
1871	Mass	190	5	M.	66-66-66	1.75-1.83-1.77	1884	Mass	190	16	M.	60-60-60	1.35-1.83-1.75

a Not reported.
b Not including hours of 64 persons not reported.
c Not including hours of 40 persons not reported.
d Per hour.
e Not including hours of 4 persons not reported.
f And house.
g Applies to but 4 of the 5 wage quotations.
h Not including hours of 6 persons not reported.
i Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILERMEN—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 N. J.	323	2 M.	60-60-60	1.50-1.50-1.50
1884 N. Y.	190	14 M.	60-60-60	1.31-1.75-1.66
1884 Aust-Hun.	178	(a) M.	66-72 —	.33- .80- —
1884 Br. India..	459	(a) (a)	(a)	.07½-.07½-.07½
1884 Cuba	178	(a) (a)	72-72-72	b .79- .79- .79
1884 England ..	178	(a) M.	c72-72-72	.90- .97- —
1884 Italy	178	(a) M.	(a)	.67- .67- .67
1885 Mass	1	16 M.	60-72-69	1.37-2.42-2.18
1885 Mass	190	13 M.	60-60-60	1.35-1.78-1.71
1885 N. H	1	2 M.	60-60-60	1.50-1.50-1.50
1885 N. Y.	1	1 M.	66-66-66	1.33-1.33-1.33
1885 N. Y.	190	15 M.	60-60-60	1.75-1.75-1.75
1885 Br. India..	459	(a) (a)	(a)	.08½-.08½-.08½
1885 Gr't Brit ..	1	(a) M.	72-72-72	1.00-1.08- —
1886 Conn	201	1 M.	(a)	1.50-1.50-1.50
1886 Mass	190	8 M.	60-60-60	1.45-1.90-1.79
1886 N. Y.	190	14 M.	60-60-60	1.75-1.75-1.75
1886 Aust-Hun.	60	(a) (a)	(a)	.85- .85- .85
1886 Br. India..	459	(a) (a)	(a)	.08- .08- .08
1886 England ..	603	(a) M.	(a)	1.04-1.17- —
1886 England ..	604	(a) M.	(a)	.62- .90- —
1887 Conn	202	8 M.	(a)	1.50-1.75-1.69
1887 Mass	190	8 M.	60-60-60	1.45-1.70-1.64
1887 N. Y	190	14 M.	60-60-60	1.45-1.75-1.73
1887 Wis	4	8 M.	(a)	1.25-1.50-1.47
1887 Wis	409	16 M.	(a)	2.65-2.65-2.65
1887 Br. India..	459	(a) (a)	(a)	.08- .08- .08
1887 Germany .	557	(a) (a)	60-60-60	.83- .83- .83
1888 Mass	190	8 M.	60-60-60	1.45-1.70-1.64
1888 N. Y.	6	1 M.	(a)	1.25-1.25-1.25
1888 N. Y.	190	5 M.	60-60-60	1.75-1.75-1.75
1888 N. Y.	331	34 M.	d56-72-68	1.35-2.00-1.75
1888 W. Va	5	3 M.	66-66-66	2.25-2.25-2.25
1888 Br. India..	459	(a) (a)	(a)	.07½-.07½-.07½
1888 Germany .	558	(a) (a)	60-60-60	.91- .91- .91
1889 Mass	6	3 M.	60-60-60	1.25-1.25-1.25
1889 Mass	190	8 M.	60-60-60	1.45-1.70-1.64
1889 N. Y.	5	8 M.	60-60-60	1.75-1.75-1.75
1889 N. Y.	190	8 M.	60-60-60	1.75-1.75-1.75
1889 Ohio	5	8 M.	66-84-74	1.50-2.40-1.87
1889 Va	5	1 M.	(a)	1.50-1.50-1.50
1889 W. Va	5	3 M.	66-66-66	2.25-2.25-2.25
1889 Belgium ..	5	(a) M.	60-84 —	.48- .64- —
1889 Br. India..	459	(a) (a)	(a)	.07½-.07½-.07½
1889 England ..	5	(a) M.	66-72 —	1.10-1.46- —
1889 England ..	576	(a) M.	(a)	.89-1.14- —
1889 France	5	(a) M.	e60-60-60	0.87-2.00- —
1889 Germany .	5	(a) M.	f72-72-72	.60- .94- —
1889 Scotland ..	5	(a) M.	66-66-66	.93- .93- .93
1890 Mass	190	8 M.	60-60-60	1.45-1.70-1.64
1890 N. Y.	190	10 M.	60-60-60	1.75-1.75-1.75
1890 N. Y.	333	22 M.	(a)	1.17-1.96-1.63
1890 Br. India..	459	(a) (a)	(a)	.09½-.09½-.09½
1890 England ..	180	(a) M.	48-48-48	.97- .97- .97
1890 England ..	576	(a) M.	(a)	1.01-1.42- —
1890 Netherl'ds	666	(a) M.	(a)	.50- .50- .50
1891 Mass	190	8 M.	60-60-60	1.55-1.70-1.66
1891 N. Y.	190	10 M.	60-60-60	1.75-1.75-1.75
1891 N. Y.	333	23 M.	(a)	1.17-1.96-1.64
1891 Br. India..	459	(a) (a)	(a)	.08- .08- .08
1891 France	505	(a) M.	(a)	1.16-1.16-1.16
1892 Mass	20	10 M.	58-60-60	1.50-1.70-1.66
1892 Mass	190	12 M.	60-72-70	1.40-2.04-1.93
1892 N. Y.	190	12 M.	60-60-60	1.65-2.00-1.93
1892 Ohio	20	6 M.	60-72-70	2.00-2.25-2.13
1892 Australia .	424	(a) M.	(a)	2.19-2.31- —
1892 Br. India..	459	(a) (a)	(a)	.07½-.07½-.07½
1892 England ..	632	(a) M.	72-72-72	.83-1.10- —
1892 Gr't Brit ..	632	(a) M.	72-72-72	.93-1.40- —
1893 Mass	20	12 M.	58-58-58	1.35-1.64-1.59
1893 Ohio	20	10 M.	72-72-72	2.00-2.25-2.05
1893 Ohio	374	8 M.	(a)	1.30-1.30-1.30
1893 Br. India..	459	(a) (a)	(a)	.07½-.07½-.07½
1894 Mass	20	12 M.	58-58-58	1.36-1.50-1.48
1894 Ohio	20	4 M.	60-72-69	2.00-2.00-2.00
1894 Br. India..	459	(a) (a)	(a)	.06- .06- .06
1895 Ga	7	4 M.	66-66-66	1.00-1.25-1.13
1895 Mass	7	4 M.	60-60-60	1.38-1.60-1.43
1895 Mass	20	12 M.	58-58-58	1.36-1.50-1.48
1895 N. H	7	65 M.	60-60-60	1.10-2.22-1.64
1895 N. J	7	1 M.	59-59-59	2.00-2.00-2.00
1895 N. Y.	7	1 M.	60-60-60	1.75-1.75-1.75
1895 Ohio	20	4 M.	60-72-69	2.00-2.00-2.00
1895 S. C.	7	6 M.	66-66-66	.50-1.00- .82
1895 Br. India..	459	(a) (a)	(a)	.06- .06- .06
1895 England ..	591	(a) M.	(a)	1.37-1.41- —
1896 Ga	7	5 M.	63-66-64	1.00-1.46-1.37
1896 N. C.	7	1 M.	69-69-69	1.00-1.00-1.00
1896 Ohio	7	1 M.	60-60-60	2.50-2.50-2.50
1896 Ohio	377	4 M.	60-60-60	1.44-1.44-1.44
1896 Br. India..	459	(a) (a)	(a)	.06½-.06½-.06½
1897 Pa	395	6 M.	(a)	2.00-3.84-2.31

BOILERMEN'S HELPERS.

1859	Mass	190	2	M.	72-72-72	1.08-1.08-1.08	1873	Mass	190	2	M.	66-66-66	1.50-1.58-1.54
1860	Mass	190	2	M.	72-72-72	1.08-1.08-1.08	1874	Mass	190	1	M.	66-66-66	1.42-1.42-1.42
1861	Mass	190	2	M.	66-66-66	1.08-1.08-1.08	1875	Mass	190	3	M.	60-60-60	1.10-1.15-1.13
1862	Mass	190	2	M.	66-66-66	1.08-1.08-1.08	1876	Mass	190	2	M.	60-60-60	1.03-1.03-1.03
1863	Mass	190	1	M.	66-66-66	1.25-1.25-1.25	1877	Mass	190	2	M.	60-60-60	1.03-1.03-1.03
1864	Mass	190	1	M.	66-66-66	1.25-1.25-1.25	1878	Mass	190	2	M.	60-60-60	.97- 97- .97
1865	Mass	190	2	M.	66-66-66	1.40-1.40-1.40	1879	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1866	Mass	190	1	M.	66-66-66	1.50-1.50-1.50	1880	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1867	Mass	190	1	M.	66-66-66	1.50-1.50-1.50	1881	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1868	Mass	190	1	M.	66-66-66	1.50-1.50-1.50	1882	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1869	Mass	190	1	M.	66-66-66	1.58-1.58-1.58	1883	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1870	Mass	190	1	M.	66-66-66	1.58-1.58-1.58	1884	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1871	Mass	190	1	M.	66-66-66	1.58-1.58-1.58	1885	Mass	190	2	M.	60-60-60	1.15-1.15-1.15
1872	Mass	190	1	M.	66-66-66	1.58-1.58-1.58							

a Not reported.
b And board.
c Applies to but 4 of the 7 wage quotations.
d Not including hours of 1 person not reported.
e Applies to but 2 of the 3 wage quotations.
f Applies to but 1 of the 12 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILERS' HELPERS, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1876	Pa	381	12	M.	(a)	1.65-1.65-1.65
1892	Ohio	373	960	(a)	48-60-57	1.67-2.75-2.32
1895	Ohio	376	1114	M.	48-72-61	1.25-2.75-1.79
1897	Ohio	377	1126	(a)	b 48-60-57	1.25-2.50-1.74

BOILERS' HELPERS, SOAP AND CANDLES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1855	England	561	(a)	(a)	(a)	.81- .81- .81
1856	England	561	(a)	(a)	(a)	.81- .81- .81
1857	England	561	(a)	(a)	(a)	.81- .81- .81
1857	Ireland	563	(a)	(a)	69-69-69	.61- .65- —
1858	England	562	(a)	M.	(a)	.81- .81- .81
(c)	Ireland	562	(a)	M.	(a)	.61- .65- —
1859	England	563	(a)	M.	63-63-63	.81- .81- .81
1860	England	564	(a)	(a)	63-63-63	.81- .81- .81
1860	Ireland	563	(a)	(a)	69-69-69	.61- .65- —
1861	England	564	(a)	(a)	63-63-63	.81- .81- .81
1863	England	565	(a)	(a)	63-63-63	.81- .81- .81
1866	England	566	(a)	M.	61-61-61	.67- .67- .67
1866	Scotland	566	(a)	M.	60-60-60	.61- .77- —
1871	England	568	(a)	M.	69-69-69	.97- .97- .97
1871	Ireland	568	(a)	M.	(a)	.49- .53- —
1872	England	185	(a)	M.	69-69-69	.97- .97- .97
1872	Ireland	185	(a)	M.	(a)	.48- .52- —
1874	Ireland	569	(a)	M.	60-60-60	.57- .57- .57
1880	England	571	(a)	M.	(a)	1.05-1.30- —
1888	N. Y.	331	6	M.	(a)	1.33-1.67-1.50
1894	Australia	425	(a)	(a)	(a)	1.22-1.70- —
1895	N. Y.	8	1	M.	60-60-60	1.00-1.00-1.00
1895	Australia	426	(a)	(a)	(a)	1.22-1.70- —
1896	Australia	427	(a)	(a)	(a)	1.22-1.70- —

BOILERS, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1872	Ohio	359	5	M.	(a)	4.17-7.50-5.17
1876	Pa	381	12	M.	(a)	2.84-2.84-2.84
1877	Ohio	359	6	M.	d 60-84-67	2.50-3.33-2.86
1892	Ohio	373	892	(a)	48-60-57	3.33-4.75-4.00
1895	Ohio	376	1005	M.	48-72-61	1.70-5.50-3.26
1897	Ohio	377	952	(a)	48-60-57	2.25-4.00-3.57

BOILERS, OIL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885	N. Y.	1	2	M.	60-60-60	1.25-1.25-1.25
1888	N. Y.	331	1	M.	60-60-60	2.52-2.52-2.52
1890	N. Y.	333	5	M.	(a)	2.00-2.60-2.27
1891	N. Y.	333	4	M.	(a)	2.00-2.60-2.19
1892	China	105	(a)	(a)	(a)	.22- .22- .22
1895	Norway	690	(a)	M.	(a)	.64-1.21- —
1896	Ohio	377	2	M.	60-60-60	1.92-1.92-1.92

BOILERS, PRESERVES AND PICKLES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1892	Australia	424	(a)	(a)	(a)	1.22-1.82- —
1892	C. of G'd H.	486	(a)	M.	(a)	1.62-4.06- —
1894	Australia	425	(a)	(a)	(a)	1.22-1.82- —
1895	Australia	426	(a)	(a)	(a)	1.22-1.82- —
1896	Australia	427	(a)	(a)	(a)	1.22-1.82- —
1897	Australia	428	(a)	(a)	(a)	1.22-2.03- —
1898	Australia	429	(a)	(a)	(a)	.81-2.03- —

BOILERS, SALT.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1876	Pa	381	2	M.	(a)	1.50-1.50-1.50
1881	Pa	2	1100	M.	60-60-60	1.25-1.37-1.31
1882	N. Y.	2	196	M.	84-84-84	2.50-2.75-2.63
1883	England	572	(a)	M.	54-54-54	1.22-1.22-1.22
1884	Aust-Hun	178	(a)	M.	66-66-66	.30- .42- —
1884	England	178	(a)	M.	48-48-48	.85-1.22- —
1884	Germany	178	(a)	M.	(a)	.56- .64- —
1885	N. Y.	2	192	M.	84-84-84	2.38-2.75-2.57
1887	N. Y.	331	60	M.	72-72-72	2.00-2.00-2.00
1888	N. Y.	331	100	M.	72-72-72	2.25-2.25-2.25
1890	N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1890	Netherl'ds	666	(a)	M.	(a)	.50- .72- —
1891	N. Y.	333	2	M.	(a)	2.00-2.00-2.00
1892	England	632	(a)	M.	48-57 —	1.30-1.30-1.30
1892	France	505	(a)	M.	77-77-77	.39- .39- .39

a Not reported.
b Not including hours of 86 persons not reported.
c Average for 1856–58.
d Not including hours of 1 person not reported

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOILERS, SOAP AND CANDLES.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1855 England	561	(a) (a)	(a)	1.12-1.12-1.12
1856 England	561	(a) (a)	(a)	1.12-1.12-1.12
1857 England	561	(a) (a)	(a)	1.12-1.12-1.12
1857 Ireland	563	(a) (a)	69-69-69	.61- .85- —
1858 England	562	(a) M.	(a)	1.12-1.12-1.12
(b) Ireland	562	(a) M.	(a)	.61- .85- —
1859 England	563	(a) M.	63-63-63	1.12-1.12-1.12
1860 England	564	(a) (a)	63-63-63	1.12-1.12-1.12
1860 Ireland	563	(a) (a)	69-69-69	.61- .85- —
1861 England	564	(a) (a)	63-63-63	1.10-1.10-1.10
1861 Italy	610	(a) M.	(a)	.35- .35- .35
1863 England	565	(a) (a)	63-63-63	1.12-1.12-1.12
1866 England	566	(a) M.	61-61-61	1.62-1.62-1.62
1866 Scotland	566	(a) M.	60-60-60	1.01-1.01-1.01
(c) England	567	(a) M.	63-63-63	1.05-1.05-1.05
1869 Germany	609	(a) M.	(a)	.36- .61- —
1870 Germany	610	(a) M.	72-72-72	.36- .61- —
1870 Germany	610	(a) M.	(a)	d .32- .32- .32
1870 Italy	610	(a) (a)	(a)	.29- .97- —
1871 England	629	(a) (a)	(a)	.97- .97- .97
1871 Germany	185	(a) M.	(a)	.30- .60- —
1871 Ireland	568	(a) M.	(a)	.85- .85- .85
1872 England	185	(a) M.	69-69-69	3.39-3.39-3.39
1872 Ireland	185	(a) M.	(a)	.85- .85- .85
1874 Ireland	569	(a) M.	60-60-60	.16- .89- —
1877 England	570	(a) M.	56-60 —	1.01-1.30- —
1878 England	177	(a) M.	(a)	1.05-1.05-1.05
1880 Pa	7	1 M.	60-60-60	3.00-3.00-3.00
1880 England	571	(a) M.	e 64-66 —	1.52-2.43- —
1880 Germany	546	(a) M.	(a)	.48- .71- —
1882 Germany	554	(a) (a)	54-54-54	.48- .71- —
1883 Germany	555	(a) (a)	f 66-66-66	.60- .95- —
1884 Mich	278	1 M.	(a)	3.35-3.35-3.35
1884 W. Va	7	1 M.	60-60-60	2.50-2.50-2.50
1884 Germany	556	(a) (a)	60-60-60	.71- .99- —
1884 Italy	178	(a) M.	(a)	.39- .39- .39
1885 Germany	547	(a) M.	(a)	.54- .77- —
1888 N. Y.	331	7 M.	g 55-60-59	2.50-3.50-3.00
1888 Aust-Hun	447	(a) M.	(a)	.24- .69- —
1888 Aust-Hun	447	(a) F.	(a)	.11- .35- —
1888 Canada	470	(a) M.	57-57-57	1.72-1.72-1.72
1888 C. of G'd H.	483	(a) (a)	(a)	1.22-1.95- —
1888 Germany	558	(a) (a)	60-60-60	.87- .87- .87
1890 N. Y.	333	29 M.	(a)	1.67-5.00-2.00
1891 N. Y.	333	28 M.	(a)	1.67-5.00-1.93
1892 Australia	424	(a) M.	(a)	1.62-2.84- —
1892 C. of G'd H.	486	(a) M.	(a)	2.43-2.43-2.43
1892 Russia	692	(a) (a)	(a)	1.64-1.64-1.64
1893 Ohio	374	12 M.	h 60-60-60	1.50-3.33-2.30
1893 Aust-Hun	448	(a) M.	60-60-60	.54-1.08- —
1893 Aust-Hun	448	(a) M.	60-60-60	d .27- .54- —
1894 Ohio	375	9 M.	54-60-59	1.50-3.25-1.81
1894 Australia	425	(a) (a)	(a)	1.95-4.06- —
1895 N. Y.	8	2 M.	60-60-60	2.50-2.50-2.50
1895 Ohio	376	4 M.	57-72-65	1.50-3.25-2.44
1895 Australia	426	(a) (a)	(a)	1.95-4.06- —
1895 Canada	187	(a) M.	60-60-60	2.50-4.17- —
1896 Colo.	200	1 M.	60-60-60	3.00-3.00-3.00
1896 Ohio	377	2 M.	57-57-57	2.37-2.37-2.37
1896 Pa	7	1 M.	59-59-59	3.67-3.67-3.67
1896 W. Va	7	1 M.	48-48-48	2.50-2.50-2.50
1896 Australia	427	(a) (a)	(a)	1.82-3.24- —
1897 Australia	428	(a) (a)	(a)	1.46-2.43- —
1898 Australia	429	(a) (a)	(a)	1.46-2.43- —

BOILERS, SUGAR.

1866	England	566	(a)	M.	60-60-60	.93-1.34- —	1886	Antigua	65	(a)	M.	(a)	.32- .32- .32
1866	Scotland	566	(a)	M.	e 60-60-60	1.22-4.66- —	1888	N. Y.	331	5	M.	60-60-60	2.35-2.35-2.35
1873	Pa	379	2	M.	(a)	5.00-5.00-5.00	1890	Netherl'ds	666	(a)	M.	e 60-72 —	.47- .94- —
1877	England	570	(a)	M.	i 72-72-72	1.01-2.43- —	1891	Belgium	457	(a)	M.	66-66-66	.53- .87- —
1880	England	571	(a)	M.	60-61 —	1.74-1.82- —	1891	Italy	638	(a)	M.	63-63-63	.69- .69- .69
1880	S. Domingo	21	(a)	(a)	(a)	3.83-5.75- —	1892	Australia	424	(a)	(a)	(a)	.97-3.24- —
1880	Scotland	571	(a)	M.	60-60-60	1.34-1.62- —	1894	Australia	425	(a)	(a)	(a)	2.64-2.64-2.64
1881	Hawai.Is.	24	(a)	(a)	(a)	3.83-5.75- —	1895	Australia	426	(a)	(a)	(a)	2.64-2.64-2.64
1883	England	572	(a)	(a)	e 54-72 —	.41-2.19- —	1896	Nebr.	314	1	M.	72-72-72	1.50-1.50-1.50
1883	Scotland	572	(a)	M.	60-60-60	.62-1.62- —	1896	Australia	427	(a)	(a)	60-60-60	2.64-2.64-2.64
1884	Brazil	178	(a)	M.	(a)	1.26-1.68- —	1896	Venezuela	184	(a)	M.	(a)	1.16-1.16-1.16
1884	Br. Guiana	178	(a)	(a)	j .48- .56- —		1897	Australia	428	(a)	M.	(a)	.28- .36- —
1884	Germany	178	(a)	M.	(a)	1.19-1.43- —	1897	Australia	428	(a)	(a)	(a)	.71-3.24- —
1884	Peru	178	(a)	M.	(a)	k .65- .65- .65	1898	Australia	429	(a)	M.	(a)	.28- .45- —
1884	Spain	178	(a)	M.	(a)	.60- .80- —	1898	Australia	429	(a)	(a)	(a)	.81-3.24- —

BOILERS, TEXTILES.

1871	England	629	(a)	M.	60-60-60	.73- .73- .73	1891	Italy	639	(a)	M.	(a)	.23- .23- .23
1872	England	185	(a)	(a)	54-54-54	1.21-1.21-1.21	1891	Italy	639	(a)	F.	(a)	.17- .17- .17
1885	N. J	324	1	M.	60-60-60	1.50-1.50-1.50	1892	Russia	692	(a)	(a)	(a)	.29- .38- —
1886	England	601	(a)	M.	57-57-57	.79- .79- .79	1895	N. Y.	8	2	M.	60-60-60	1.75-1.75-1.75
1889	Mass	6	2	M.	60-60-60	1.50-1.50-1.50							

a Not reported.
b Average for 1856–58.
c Average for 1867–68.
d And board and lodging.
e Applies to but 2 of the 4 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Not including hours of 2 persons not reported.
h Not including hours of 1 person not reported.
i Applies to but 1 of the 3 wage quotations.
j And lodging.
k And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOLT AND NUT MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 N. J	8	1 M.	60-60-60	1.75-1.75-1.75
1871 Scotland	629	(a) (a)	(a)	.97-1.22- —
1873 Scotland	177	(a) M.	72-72-72	1.08-1.20- —
1874 Pa	380	9 M.	(a)	1.75-2.50-2.25
1876 Pa	381	1 M.	(a)	1.75-1.75-1.75
1878 Scotland	177	(a) M.	72-72-72	1.12-1.25- —
1880 England	571	(a) M.	54-54-54	.55-2.03- —
1880 Italy	633	(a) M.	66-66-66	1.06-1.06-1.06
1881 Conn	2	10 M.	60-60-60	1.75-1.75-1.75
1881 Ohio	363	2 M.	60-60-60	2.00-2.00-2.00
1881 Italy	633	(a) M.	66-66-66	1.16-1.16-1.16
1882 Mo	294	1 M.	60-60-60	2.25-2.25-2.25
1882 Ohio	364	75 (a)	60-60-60	1.70-2.13-1.94
1882 Italy	633	(a) M.	66-66-66	1.16-1.16-1.16
1883 Ohio	2	24 M.	60-60-60	1.69-2.11-1.90
1883 Ohio	365	4 M.	60-60-60	1.50-2.50-2.04
1883 Italy	633	(a) M.	66-66-66	1.16-1.16-1.16
1884 N. J	323	3 M.	60-60-60	2.42-2.42-2.42
1884 Aust-Hun	178	(a) M.	60-60-60	.40-1.00- —
1884 Belgium	178	(a) M.	60-60-60	.58- .68- —
1884 England	178	(a) M.	54-54-54	1.09-1.32- —
1884 Scotland	178	(a) M.	72-72-72	1.05-1.09- —
1885 Ill	1	1 M.	60-60-60	5.00-5.00-5.00
1885 Ind	1	1 M.	60-60-60	.70- .70- .70
1885 N. J	324	3 M.	60-60-60	2.00-2.75-2.25
1885 N. Y	1	1 M.	60-60-60	1.79-1.79-1.79
1885 Ohio	1	36 M.	60-60-60	1.00-1.54-1.32
1885 Pa	2	36 M.	60-60-60	2.55-3.00-2.78
1886 Pa	2	84 M.	55-60-57	1.17-2.10-1.69
1886 England	604	(a) M.	b 54-54-54	1.00-1.49- —
1886 Italy	633	(a) M.	60-66 —	.48-1.54- —
1886 Scotland	604	(a) M.	(a)	1.08-1.23- —
1887 Md	4	2 M.	(a)	1.10-1.90-1.50
1887 Mass	4	1 M.	(a)	2.00-2.00-2.00
1887 N. Y	4	12 M.	(a)	1.65-2.30-1.86
1887 Ohio	369	313 M.	60-60-60	.75-4.00-2.01
1887 Ohio	369	8 F.	60-60-60	.50- .60- .54
1887 Pa	390	15 M.	(a)	3.70-3.70-3.70
1888 N. Y	331	146 M.	c 59-60-60	.90-2.75-1.73
1888 Canada	470	(a) M.	60-60-60	1.64-1.64-1.64
1889 Ill	5	1 M.	72-72-72	1.46-1.46-1.46
1889 Canada	471	(a) M.	60-60-60	1.85-1.88- —
1890 Mich	282	21 M.	60-60-60	1.25-2.25-1.58
1890 N. Y	333	18 M.	(a)	1.25-3.00-2.28
1891 Mo	300	1 M.	(a)	1.31-1.31-1.31
1891 N. Y	333	38 M.	(a)	1.00-3.45-2.11
1891 Ohio	372	9 M.	60-60-60	1.75-1.75-1.75
1891 Belgium	457	(a) M.	63-66 —	.68- .87- —
1891 Belgium	457	(a) F.	66-66-66	.23- .31- —
1891 Scotland	576	(a) (a)	54-54-54	1.05-1.05-1.05
1892 Ind	227	9 M.	60-60-60	2.16-2.58-2.44
1892 England	577	(a) M.	54-54-54	1.22-1.22-1.22
1892 England	632	(a) M.	54-54-54	1.30-1.30-1.30
1892 France	505	(a) M.	60-77 —	.43- .97- —
1893 Ohio	374	119 M.	54-60-59	1.40-2.50-2.00
1894 Ind	228	10 M.	50-60-55	1.75-6.00-2.80
1894 N. Y	8	2 M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	221 M.	d 51-60-57	.75-3.00-1.45
1894 W. Va	406	1 M.	48-48-48	1.44-1.44-1.44
1894 England	584	(a) M.	(a)	.66- .81- —
1894 France	508	(a) M.	66-66-66	.53- .58- —
1894 Ireland	127	(a) M.	54-54-54	1.32-1.32-1.32
1895 Mo	304	2 M.	(a)	1.74-1.76-1.75
1895 N. Y	8	6 M.	60-60-60	2.50-3.00-2.71
1895 Ohio	376	287 M.	48-60-57	.70-3.00-1.57
1895 Canada	187	(a) M.	60-60-60	1.25-2.00- —
1895 France	677	(a) (a)	60-60-60	.78-1.07- —
1896 Conn	8	7 M.	60-60-60	1.60-2.00-1.71
1896 Mass	8	9 M.	60-60-60	1.50-2.25-2.08
1896 Nebr	314	8 M.	48-48-48	1.75-2.75-2.10
1896 Ohio	377	309 M.	54-60-58	.81-2.69-1.54
1896 Ohio	377	38 F.	60-60-60	.45- .82- .62
1896 Pa	394	1 M.	60-60-60	.76- .76- .76
1896 England	592	(a) M.	(a)	1.14-1.25- —
1897 Australia	418	(a) (a)	(a)	.41- .41- .41
1898 Nebr	314	5 (a)	60-60-60	1.75-2.60-2.17
1898 Australia	419	(a) (a)	(a)	.61- .61- .61
1899 Pa	18	1 M.	(a)	1.00-1.00-1.00

BOLT AND NUT MAKERS' HELPERS.

1871	Scotland	629	(a)	(a)	(a)	.61- .61- .61	1895	Ohio	376	29	M.	(a)	1.60-1.60-1.60
1874	Pa	380	3	M.	(a)	1.00-1.00-1.00	1896	Ohio	377	24	M.	60-60-60	1.60-1.60-1.60
1888	N. Y	331	25	M.	60-60-60	1.50-1.50-1.50	1898	France	512	(a)	M.	60-60-60	.72- .72- .72
1895	N. Y	8	5	M.	60-60-60	1.33-1.33-1.33	1898	France	512	(a)	(a)	60-60-60	.27- .27- .27

BOLTERS, FLOUR.

1891	Belgium	457	(a)	M.	63-63-63	.68- .77- —	1895	Aust-Hun	435	(a)	M.	70-70-70	.24- .24- .24
1892	France	505	(a)	M.	e 60-84 —	.29-1.16- —	1896	Aust-Hun	436	(a)	(a)	66-66-66	.69- .69- .69

BOLTERS, HORSESHOE.

1890	N. Y	333	5	M.	(a)	1.00-1.25-1.15	1895	Ill	8	11	M.	54-54-54	2.00-2.50-2.36
1891	N. Y	333	5	M.	(a)	1.00-1.25-1.15							

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Not including hours of 101 persons not reported.
d Not including hours of 76 persons not reported.
e Applies to but 10 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOLTERS, LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mich	278	11	M.	(a)	1.25-2.00-1.69
1885 Mich	279	27	M.	66-66-66	1.60-2.50-1.88
1885 Pa	7	9	M.	b 60-60-60	1.35-1.40-1.38
1887 Wis	409	7	M.	(a)	1.50-1.50-1.50
1888 N. Y	331	1	M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	1	M.	(a)	2.25-2.25-2.25
1891 Me	257	1	M.	66-66-66	1.50-1.50-1.50
1891 N. Y	333	1	M.	(a)	2.25-2.25-2.25
1893 Mont	307	1	(a)	(a)	3.50-3.50-3.50
1894 Mont	308	1	M.	(a)	3.25-3.25-3.25
1894 Ohio	375	2	M.	54-60-57	1.25-1.50-1.38
1895 N. C	8	1	M.	60-60-60	.75- .75- .75
1895 Ohio	8	1	M.	60-60-60	2.00-2.00-2.00
1895 Pa	7	2	M.	60-60-60	1.50-1.50-1.50
1896 Ohio	377	1	M.	60-60-60	1.50-1.50-1.50
1897 Me	8	2	M.	60-60-60	1.50-3.00-2.25
1897 Mich	8	2	M.	60-60-60	1.60-1.60-1.60

BONNET-FRAME MAKERS.

1872 Mass	268	141	F.	(a)	.71- .71- .71
1885 N. Y	7	57	F.	54-54-54	.83-1.25-1.06
1886 Mo	3	5	F.	c 54-60-58	.33-1.80- .93
1886 Pa	3	5	F.	50-56-54	1.00-1.00-1.00
1887 Ill	3	9	F.	50-54-53	.83-1.75-1.28
1887 Mass	3	3	F.	44-53-50	.83-1.00- .93
1887 N. Y	3	4	F.	50-54-52	.83-1.67-1.25
1890 N. Y	333	18	M.	(a)	1.00-1.17-1.06
1891 N. Y	333	21	M.	(a)	1.00-1.17-1.05
1895 N. Y	7	89	F.	54-54-54	.83-1.33-1.05

BOOKBINDERS.

1839 England	562	(a)	M.	60-60-60	1.22-1.22-1.22
1840 Scotland	563	(a)	M.	60-60-60	.73- .73- .73
1840 Servia	610	(a)	M.	(a)	d .61- .61- .61
1846 Belgium	632	(a)	(a)	(a)	.39- .39- .39
1849 England	562	(a)	M.	60-60-60	1.05-1.05-1.05
1850 Scotland	563	(a)	M.	60-60-60	.73- .73- .73
1853 France	113	(a)	M.	(a)	.37- .68- —
1856 N. Y	8	2	M.	60-60-60	2.00-2.00-2.00
1856 England	575	(a)	M.	60-60-60	1.22-1.70- —
1856 Ireland	562	(a)	M.	(a)	.98-1.22- —
1857 N. Y	190	3	(a)	60-60-60	.92-1.42-1.25
1857 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1857 Ireland	563	(a)	(a)	58-58-58	.85-1.22- —
(e) Scotland	561	(a)	M.	(a)	.93- .93- .93
1858 N. Y	190	3	(a)	60-60-60	1.33-1.42-1.39
1858 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
(f) Ireland	562	(a)	M.	(a)	.97-1.22- —
1859 N. Y	190	2	(a)	60-60-60	1.42-1.42-1.42
1859 England	562	(a)	M.	60-60-60	1.05-1.05-1.05
1859 England	563	(a)	M.	60-60-60	1.01-1.01-1.01
1859 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1860 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00
1860 N. Y	190	2	(a)	60-60-60	1.42-1.42-1.42
1860 England	564	(a)	(a)	60-60-60	1.01-1.01-1.01
1860 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1860 Germany	185	(a)	M.	(a)	.34- .34- .34
1860 Germany	185	(a)	F.	(a)	.18- .18- .18
1860 Ireland	563	(a)	(a)	58-58-58	.85-1.22- —
1860 Norway	610	(a)	M.	(a)	.63- .81- —
1860 Scotland	563	(a)	M.	60-60-60	.89- .89- .89
1861 N. Y	190	2	(a)	60-60-60	1.42-1.42-1.42
1861 England	564	(a)	M.	57-60 —	.97-1.01- —
1861 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1861 Scotland	564	(a)	M.	60-60-60	.99- .99- .99
1862 N. Y	190	2	(a)	60-60-60	1.42-1.42-1.42
1862 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1863 N. Y	190	2	(a)	60-60-60	1.42-1.42-1.42
1863 England	565	(a)	(a)	(a)	.97-1.01- —
1863 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1864 N. Y	190	3	(a)	60-60-60	1.67-2.17-1.89
1864 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1864 Germany	610	(a)	M.	(a)	.41- .61- —
1864 Germany	610	(a)	F.	(a)	.24- .24- .24
1865 N. Y	190	5	(a)	60-60-60	2.00-2.17-2.03
1865 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1865 Germany	177	(a)	(a)	63-63-63	d .48- .48- .48
1865 Germany	185	(a)	M.	(a)	.40- .40- .40
1866 N. Y	190	6	(a)	60-60-60	2.00-2.67-2.11
1866 England	575	(a)	M.	60-60-60	1.30-1.70- —
1866 Germany	177	(a)	(a)	63-63-63	d .48- .48- .48
1866 Germany	185	(a)	M.	(a)	.40- .40- .40
1867 N. Y	190	6	(a)	60-60-60	2.00-2.67-2.19
1867 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1867 Germany	177	(a)	(a)	63-63-63	d .48- .48- .48
1867 Germany	185	(a)	M.	(a)	.44- .44- .44
1867 Germany	610	(a)	M.	72-72-72	g 1.01-1.01-1.01
1868 N. Y	190	5	(a)	60-60-60	2.50-3.00-2.60
1868 Belgium	610	(a)	(a)	72-72-72	.48- .58- —
1868 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1868 Germany	177	(a)	M.	63-63-63	.60- .60- .60
1868 Germany	185	(a)	M.	(a)	.32- .58- —
1869 Mass	266	1	(a)	(a)	2.33-2.33-2.33
1869 N. Y	190	5	(a)	59-59-59	2.50-3.00-2.60
1869 Denmark	609	(a)	(a)	(a)	.82- .82- .82
1869 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1869 Germany	609	(a)	M.	(a)	.30- .61- —
1869 Germany	609	(a)	F.	(a)	.14- .30- —
1869 Greece	609	(a)	(a)	(a)	.43- .43- .43
1870 N. Y	190	6	(a)	59-59-59	1.50-3.00-2.42
1870 England	575	(a)	M.	60-60-60	1.70-1.70-1.70
1870 Germany	177	(a)	(a)	63-63-63	.71- .71- .71
1870 Germany	610	(a)	M.	72-72-72	.30- .61- —
1870 Germany	610	(a)	M.	72-72-72	g .81- .81- .81
1870 Germany	610	(a)	F.	72-72-72	.14- .30- —
1870 Persia	610	(a)	M.	(a)	.24- .24- .24
1870 Servia	610	(a)	M.	(a)	d .41- .41- .41
1870 Switzerl'd	610	(a)	M.	(a)	.29- .71- —
1870 Turk. in A	610	(a)	M.	(a)	.22- .46- —
1871 Mass	267	15	M.	(a)	1.46-1.46-1.46
1871 N. Y	190	5	(a)	59-59-59	1.50-3.00-2.40
1871 Brazil	611	(a)	M.	60-60-60	.43- .97- —
1871 England	575	(a)	M.	54-54-54	1.70-1.70-1.70

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 1 person not reported.
d And board.
e Average for 1855–57.
f Average for 1857–58.
g And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKBINDERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	629	(a) (a)	(a)	1.22-1.30- —
1871 France	712	(a) M.	(a)	.48-1.06- —
1871 Germany .	177	(a) M.	63-63-63	.83- .95- —
1871 Germany .	185	(a) M.	(a)	.16- .72- —
1871 Germany .	185	(a) F.	(a)	.24- .48- —
1871 Norway ...	185	(a) M.	(a)	.61- .81- —
1872 Mass	268	1 M.	60-60-60	3.33-3.33-3.33
1872 Mass	268	101 F.	(a)	1.13-1.13-1.13
1872 N. Y.....	190	6 (a)	59-59-59	1.75-3.00-2.38
1872 Belgium ..	185	(a) (a)	(a)	.75- .75- .75
1872 England ..	185	(a) (a)	54-54-54	1.09-1.09-1.09
1872 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1872 Germany..	177	(a) M.	63-63-63	.71- .71- .71
1872 Germany..	185	(a) M.	66-66-66	.60- .84- —
1872 Scotland..	185	(a) (a)	54-54-54	1.21-1.41- —
1873 N. Y	190	6 (a)	59-59-59	2.00-3.00-2.50
1873 Pa	379	2 M.	(a)	2.00-2.00-2.00
1873 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1873 Germany..	177	(a) M.	b 63-63-63	.55- .71- —
1873 Germany..	177	(a) F.	(a)	.23- .23- .23
1873 Gr't Brit...	185	(a) M.	(a)	1.37-1.37-1.37
1873 Persia.....	184	(a) (a)	(a)	.25- .25- .25
1873 Sweden ...	167	(a) M.	66-66-66	.80- .80- .80
1873 Sweden ...	167	(a) F.	66-66-66	.38- .38- .38
1873 Switzerl'd.	185	(a) M.	(a)	.40- .52- —
1874 N. Y	190	6 (a)	59-59-59	2.50-3.00-2.58
1874 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1874 Germany..	177	(a) M.	b 63-63-63	.65- .71- —
1874 Germany..	177	(a) F.	(a)	.24- .24- .24
1874 Germany..	185	(a) M.	(a)	.70-1.33- —
1874 Scotland ..	177	(a) M.	54-54-54	1.00-1.17- —
1874 Scotland ..	177	(a) F.	54-54-54	.38- .50- —
1875 N. Y.....	190	5 (a)	59-59-59	2.50-3.00-2.60
1875 Va	7	1 M.	(a)	2.00-2.00-2.00
1875 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1875 France	177	(a) (a)	(a)	1.00-1.20- —
1875 France	496	(a) M.	(a)	.45-1.16- —
1875 Germany..	177	(a) M.	c 63-63-63	.71-1.00- —
1875 Germany..	177	(a) F.	(a)	.27- .27- .27
1875 Norway ...	684	(a) M.	(a)	.59- .89- —
1875 Norway ...	686	(a) M.	(a)	.66- .66- .66
1875 Scotland ..	177	(a) M.	54-54-54	1.00-1.17- —
1875 Scotland ..	177	(a) F.	54-54-54	.38- .50- —
1876 N. Y.....	190	4 (a)	59-59-59	2.50-3.00-2.63
1876 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1876 France	497	(a) M.	(a)	.44-1.16- —
1876 Germany..	177	(a) M.	(a)	.73- .73- .73
1876 Germany..	177	(a) F.	(a)	.27- .27- .27
1876 Scotland ..	177	(a) M.	54-54-54	1.08-1.17- —
1876 Scotland ..	177	(a) F.	54-54-54	.38- .50- —
1877 N. Y.....	190	4 (a)	59-59-59	2.33-3.00-2.58
1877 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1877 Germany..	177	(a) M.	(a)	.71- .71- .71
1877 Germany..	177	(a) F.	(a)	.27- .27- .27
1877 Scotland ..	177	(a) M.	54-54-54	1.08-1.17- —
1877 Scotland ..	177	(a) F.	54-54-54	.38- .50- —
1878 N. Y.....	190	3 (a)	59-59-59	2.33-3.00-2.56
1878 Ohio	360	35 M.	(a)	2.76-2.76-2.76
1878 Australia .	177	(a) M.	(a)	1.62-2.43- —
1878 Belgium ..	177	(a) M.	(a)	1.00-1.00-1.00
1878 Denmark .	177	(a) M.	(a)	.62- .62- .62
1878 Denmark .	177	(a) F.	(a)	.32- .32- .32
1878 England ..	177	(a) M.	(a)	1.31-2.03- —
1878 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1878 France	177	(a) (a)	(a)	.54-1.00- —
1878 France	498	(a) M.	(a)	.45-1.16- —
1878 Germany..	177	(a) M.	(a)	.33- .78- —
1878 Germany..	177	(a) F.	(a)	0.27-0.27-0.27
1878 Italy	177	(a) M.	(a)	.65- .65- .65
1878 Scotland ..	177	(a) M.	d 54-56 —	1.01-1.42- —
1878 Scotland ..	177	(a) F.	54-54-54	.38- .50- —
1878 Spain	177	(a) M.	b 60-60-60	.60- .60- .60
1878 Switzerl'd	177	(a) M.	(a)	.77- .77- .77
1879 N. Y.....	190	1 (a)	59-59-59	1.83-1.83-1.83
1879 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1879 France....	499	(a) M.	(a)	.45-1.16- —
1879 Germany..	545	(a) M.	66-66-66	.40- .83- —
1880 Ga	7	3 M.	60-60-60	2.50-2.50-2.50
1880 Ky	7	5 M.	60-60-60	2.08-2.52-2.31
1880 N. J	319	1 (a)	59-59-59	2.25-2.25-2.25
1880 N. Y.....	7	4 M.	e 60-60-60	2.25-2.67-2.42
1880 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1880 France....	500	(a) M.	(a)	.48-1.16- —
1880 Germany..	546	(a) M.	(a)	.42-1.19- —
1880 Norway ...	686	(a) M.	(a)	.60- .89- —
1880 Scotland ..	571	(a) M.	54-54-54	1.01-1.34- —
1881 Ohio	363	1 M.	59-59-59	2.00-2.00-2.00
1881 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1881 France....	501	(a) M.	(a)	.48-1.16- —
1882 Mass	7	1 M.	59-59-59	1.83-1.83-1.83
1882 Mo	294	9 M.	60-60-60	1.67-2.85-2.13
1882 Ohio	364	4 (a)	60-60-60	1.75-1.75-1.75
1882 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1882 France....	502	(a) M.	(a)	.48-1.16- —
1882 Germany..	554	(a) (a)	48-60 —	.40-1.98- —
1883 Mass	7	2 M.	(a)	1.33-2.00-1.67
1883 Mass	273	28 M.	(a)	1.00-3.00-2.11
1883 Mich.....	277	7 M.	(a)	1.35-2.50-1.87
1883 Mo.....	7	4 M.	53-53-53	2.50-3.00-2.79
1883 N. Y.....	7	1 M.	59-59-59	2.33-2.33-2.33
1883 N. Y.....	190	1 (a)	59-59-59	1.83-1.83-1.83
1883 Ohio	365	1 M.	59-59-59	3.33-3.33-3.33
1883 England ..	575	(a) M.	54-54-54	1.70-1.70-1.70
1883 France....	503	(a) M.	(a)	.48-1.16- —
1883 Germany..	555	(a) (a)	54-54-54	.20-1.03- —
1883 Gr't Brit...	273	(a) M.	(a)	1.22-1.38- —
1883 Gr't Brit...	273	(a) F.	(a)	.18- .57- —
1883 Ireland ...	43	(a) (a)	(a)	1.01-1.22- —
1883 Scotland ..	572	(a) M.	54-54-54	1.01-1.34- —
1884 Cal.....	192	1 M.	60-60-60	4.00-4.00-4.00
1884 Ky	7	2 M.	59-59-59	2.00-3.00-2.50
1884 Mich	278	31 M.	(a)	.65-3.00-1.87
1884 Mich	278	6 F.	(a)	.58-1.33- .83
1884 Mo	7	2 M.	(a)	1.67-2.50-2.09
1884 Mo	295	45 (a)	(a)	1.75-1.75-1.75
1884 N. J	323	1 M.	60-60-60	2.67-2.67-2.67
1884 N. J	323	3 F.	60-60-60	1.08-1.08-1.08
1884 N. Y.....	190	1 (a)	59-59-59	2.00-2.00-2.00
1884 N. C.....	7	4 M.	60-60-60	2.00-2.00-2.00
1884 Ohio	7	4 M.	51-51-51	2.00-3.00-2.50
1884 Tenn.....	7	3 M.	59-59-59	1.50-2.33-1.94
1884 Va	7	1 M.	59-59-59	2.00-2.00-2.00
1884 W. Va	7	1 M.	59-59-59	1.67-1.67-1.67
1884 Australia .	178	(a) (a)	48-48-48	1.62-2.43- —
1884 Aust-Hun .	178	(a) M.	60-72 —	.47-1.00- —
1884 Belgium ..	178	(a) M.	f 60-72 —	.29-1.67- —
1884 Brazil	134	(a) M.	60-60-60	.60- .60- .60
1884 Brazil	178	(a) M.	g 48-60 —	.86-2.15- —
1884 Br. Guiana	178	(a) M.	54-54-54	.67-3.33- —
1884 Canada ...	178	(a) M.	h 60-60-60	1.00-3.33- —
1884 Canada ...	178	(a) F.	60-60-60	.33- .83- —
1884 Canada ...	466	(a) M.	57-58 —	.32-2.04- —
1884 Canada ...	466	(a) F.	58-58-58	.40- .57- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	.83-1.50- —

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Applies to but 1 of the 5 wage quotations.
d Applies to but 4 of the 6 wage quotations.
e Not including hours of 1 person not reported.
f Applies to but 8 of the 10 wage quotations.
g Applies to but 4 of the 5 wage quotations.
h Applies to but 14 of the 20 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKBINDERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Ceylon	178	(a) (a)	53-53-53	0.13-0.56- —
1884 China	178	(a) M.	60-60-60	b .15- .23- —
1884 Colombia	178	(a) (a)	60-72 —	.50- .99- —
1884 Cuba	178	(a) M.	c 59-59-59	.89-1.86- —
1884 Denmark	178	(a) M.	60-60-60	.63-1.07- —
1884 Ecuador	178	(a) M.	60-60-60	1.00-1.50- —
1884 England	178	(a) M.	d 53-57 —	.61-1.62- —
1884 England	575	(a) M.	54-54-54	1.70-1.70-1.70
1884 France	178	(a) M.	e 60-66 —	.58-1.25- —
1884 France	504	(a) M.	(a)	.49-1.16- —
1884 Germany	178	(a) M.	f 60-78 —	.24-1.19- —
1884 Germany	178	(a) F.	g 72-72-72	.24- .60- —
1884 Germany	556	(a) F.	57-60 —	.16- .48- —
1884 Germany	556	(a) (a)	48-66 —	.40-1.19- —
1884 Gibraltar	178	(a) M.	56-56-56	.67-1.17- —
1884 Hawai. Is	178	(a) (a)	54-54-54	2.00-3.33- —
1884 Ireland	3	(a) F.	(a)	.67- .67- .67
1884 Ireland	178	(a) M.	g 56-60 —	1.01-1.62- —
1884 Italy	178	(a) M.	h 60-72 —	.29-1.00- —
1884 Italy	178	(a) F.	60-72 —	.26- .26- .26
1884 Madeira Is	178	(a) M.	54-54-54	.55- .55- .55
1884 Mexico	178	(a) (a)	i 60-60-60	.43-1.50- —
1884 Morocco	178	(a) (a)	60-72 —	.20-1.00- —
1884 Netherl'ds	178	(a) M.	60-63 —	.47-1.00- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.95-2.43- —
1884 Peru	178	(a) M.	(a)	1.34-3.29- —
1884 Philip. Is	178	(a) M.	(a)	1.00-1.50- —
1884 Russia	178	(a) M.	60-72 —	.25-1.29- —
1884 Russia	178	(a) M.	72-72-72	j 1.10-1.10-1.10
1884 Scotland	178	(a) M.	k 51-56 —	1.01-1.26- —
1884 Spain	178	(a) M.	l 60-72 —	.39-1.37- —
1884 Switzerl'd	178	(a) M.	n 60-66 —	.48-1.16- —
1884 Turk. in A	178	(a) (a)	66-72 —	.20-9.00- —
1884 Venezuela	178	(a) (a)	k 60-60-60	1.03-2.67- —
1884 Wales	178	(a) M.	(a)	.84-1.31- —
1885 Conn	7	1 M.	59-59-59	2.17-2.17-2.17
1885 Fla	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Ga	7	1 M.	60-60-60	1.67-1.67-1.67
1885 Ill	2	75 M.	60-60-60	2.10-2.10-2.10
1885 La	7	3 M.	60-60-60	2.00-2.00-2.00
1885 Mass	7	17 M.	60-60-60	.95-2.00-1.53
1885 Mo	3	1 F.	(a)	.58- .58- .58
1885 Mo	7	2 M.	59-59-59	2.00-2.50-2.25
1885 N. J	7	3 M.	o 59-59-59	2.00-3.00-2.67
1885 N. Y	7	12 M.	p 60-60-60	1.58-2.50-1.92
1885 N. Y	190	1 (a)	59-59-59	2.00-2.00-2.00
1885 Va	7	8 M.	58-58-58	2.50-2.50-2.50
1885 Australia	175	(a) (a)	(a)	1.62-2.43- —
1885 Canada	467	(a) M.	56-58 —	1.63-1.63-1.63
1885 Canada	467	(a) F.	60-60-60	.51- .51- .51
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 England	575	(a) M.	54-54-54	1.70-1.70-1.70
1885 France	494	(a) M.	(a)	.58-1.06- —
1885 Germany	547	(a) M.	(a)	.40- .95- —
1885 Norway	686	(a) M.	(a)	.69- .69- .69
1885 Switzerl'd	184	(a) (a)	(a)	.64- .84- —
1886 Cal	193	78 M.	q 60-60-60	2.30-4.00-3.38
1886 Cal	193	7 (a)	(a)	r 2.50-2.50-2.50
1886 Fla	7	1 M.	60-60-60	1.00-1.00-1.00
1886 Kans	240	2 M.	54-57-56	2.66-3.00-2.83
1886 N. Y	190	2 (a)	59-59-59	2.00-2.00-2.00
1886 Pa	7	10 M.	59-59-59	1.17-2.58-1.81
1886 Argentina	57	(a) M.	60-60-60	2.00-2.50- —
1886 Australia	184	(a) (a)	(a)	2.03-2.43- —
1886 Aust-Hun	184	(a) (a)	(a)	.46- .65- —
1886 Canada	468	(a) M.	54-57 —	.29-1.75- —
1886 Canada	468	(a) F.	52-54 —	.25- .53- —
1886 England	575	(a) M.	54-54-54	1.70-1.70-1.70
1886 France	495	(a) M.	(a)	.60-1.06- —
1886 Germany	548	(a) (a)	(a)	.48-1.07- —
1887 Conn	202	28 M.	(a)	.66-2.48-2.03
1887 Conn	202	6 F.	(a)	1.30-3.07-1.60
1887 Kans	241	4 M.	55-60-56	2.50-3.00-2.79
1887 N. Y	190	1 (a)	59-59-59	2.00-2.00-2.00
1887 Ohio	369	27 M.	60-60-60	.70-2.50-1.76
1887 Ohio	369	48 F.	60-60-60	.60-1.00- .63
1887 Wis	409	75 (a)	(a)	1.90-2.00-1.90
1887 Canada	469	(a) M.	57-57-57	1.69-1.78- —
1887 C. of G'd H.	483	(a) (a)	(a)	.73-1.83- —
1887 England	575	(a) M.	54-54-54	1.70-1.70-1.70
1887 France	495	(a) M.	(a)	.60-1.06- —
1887 Germany	557	(a) F.	57-57-57	.40- .52- —
1887 Germany	557	(a) (a)	s 47-66 —	.48-1.79- —
1888 Cal	194	11 F.	48-54-53	1.00-1.67-1.31
1888 Colo	198	5 F.	54-60-58	1.00-1.50-1.22
1888 Kans	242	1 M.	(a)	2.66-2.66-2.66
1888 N. Y	190	1 (a)	59-59-59	2.00-2.00-2.00
1888 N. Y	331	62 M.	t 48-68-59	.75-3.00-1.53
1888 N. Y	331	75 (a)	60-60-60	.54- .54- .54
1888 Aust-Hun	447	(a) M.	(a)	.06- .86- —
1888 Aust-Hun	447	(a) F.	(a)	.11- .30- —
1888 Canada	470	(a) M.	54-54-54	1.62-1.62-1.62
1888 Canada	470	(a) F.	54-56 —	.57- .61- —
1888 C. of G'd H.	483	(a) (a)	(a)	1.22-2.01- —
1888 England	575	(a) M.	54-54-54	1.70-1.70-1.70
1888 Germany	558	(a) (a)	s 48-63 —	.40-1.90- —
1889 N. Y	190	1 (a)	59-59-59	2.00-2.00-2.00
1889 R. I	398	1 F.	60-60-60	.50- .50- .50
1889 Australia	422	(a) (a)	48-48-48	1.95-2.68- —
1889 Canada	471	(a) M.	55-55-55	1.63-1.65- —
1889 Canada	471	(a) F.	52-53 —	.74- .77- —
1889 C. of G'd H.	483	(a) (a)	(a)	1.83-1.83-1.83
1889 Denmark	520	(a) (a)	(a)	.80- .80- .80
1889 England	575	(a) M.	54-54-54	1.30-1.70- —
1889 Germany	550	(a) M.	(a)	.48- .83- —
1889 Italy	95	(a) M.	60-60-60	.53- .53- .53
1889 Netherl'ds	516	(a) (a)	(a)	.40-1.07- —
1889 Norway	518	(a) (a)	(a)	.75- .75- .75
1889 Portugal	691	(a) (a)	(a)	.18-1.30- —
1889 Spain	521	(a) (a)	60-60-60	.58-1.35- —
1890 Ill	19	1 M.	(a)	2.00-2.00-2.00
1890 Minn	292	55 M.	(a)	1.00-3.20-2.14
1890 N. Y	190	1 (a)	59-59-59	2.00-2.00-2.00
1890 N. Y	333	150 M.	(a)	.54-3.33-1.02
1890 N. Y	333	2 F.	(a)	1.00-1.67-1.34
1890 Australia	423	(a) (a)	48-48-48	1.95-2.68- —
1890 Aust-Hun	632	(a) M.	(a)	.32- .64- —
1890 Aust-Hun	632	(a) M.	(a)	r .10- .19- —
1890 C. of G'd H.	486	(a) M.	(a)	1.46-3.65- —
1890 C. of G'd H.	486	(a) F.	(a)	.28- .37- —
1890 England	575	(a) M.	54-54-54	1.30-1.70- —
1890 Gr't Brit	575	(a) M.	54-54-54	1.38-1.38-1.38
1890 Netherl'ds	666	(a) M.	(a)	.27- .67- —
1890 Netherl'ds	666	(a) M.	(a)	u .04- .06- —

a Not reported.
b And provisions.
c Applies to but 2 of the 4 wage quotations.
d Applies to but 28 of the 49 wage quotations.
e Applies to but 10 of the 12 wage quotations.
f Applies to but 68 of the 82 wage quotations.
g Applies to but 6 of the 8 wage quotations.
h Applies to but 18 of the 24 wage quotations.
i Applies to but 6 of the 10 wage quotations.
j And board and lodging.
k Applies to but 4 of the 6 wage quotations.
l Applies to but 14 of the 15 wage quotations.
n Applies to but 12 of the 16 wage quotations.
o Not including hours of 1 person not reported.
p Not including hours of 11 persons not reported.
q Not including hours of 57 persons not reported.
r And board.
s Applies to but 30 of the 31 wage quotations.
t Not including hours of 30 persons not reported.
u Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKBINDERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Norway	686	(a)	M.	(a)	0.72-0.72-0.72
1890 Russia	519	(a)	M.	69-69-69	.77- .87- —
1890 Russia	519	(a)	F.	69-69-69	.24- .34- —
1891 Ill.	19	1	M.	(a)	2.00-2.00-2.00
1891 Mich.	283	34	F.	(a)	.42-1.33- .70
1891 N. Y.	333	177	M.	(a)	.54-3.33- .90
1891 N. Y.	333	2	F.	(a)	1.00-1.67-1.34
1891 N. C.	346	2	M.	60-60-60	2.00-2.50-2.25
1891 Ohio	372	236	M.	54-60-60	.75-3.00-1.99
1891 Ohio	372	89	F.	54-60-59	.40-1.25- .89
1891 Australia	134	(a)	M.	(a)	1.81-1.81-1.81
1891 Belgium	457	(a)	M.	60-60-60	.39- .68- —
1891 Belgium	457	(a)	F.	60-60-60	.14- .14- .14
1891 Belgium	632	(a)	(a)	(a)	.43- .87- —
1891 C. of G'd H.	485	(a)	(a)	(a)	1.46-2.43- —
1891 England	576	(a)	(a)	54-54-54	1.26-1.78- —
1891 France	505	(a)	M.	60-60-60	.58-1.48- —
1891 France	505	(a)	F.	60-60-60	.58- .77- —
1891 France	522	(a)	M.	(a)	.60- .60- .60
1891 Germany	551	(a)	(a)	(a)	.48-1.51- —
1891 Gr't Brit	576	(a)	(a)	54-54-54	1.38-1.38-1.38
1891 Italy	638	(a)	M.	60-60-60	.41- .97- —
1892 Cal.	196	20	M.	48-60-50	.50-4.00-1.98
1892 Cal.	196	18	F.	48-54-50	.33-3.67- .90
1892 Conn.	20	28	M.	60-60-60	1.75-3.25-2.46
1892 Ill.	210	26	F.	51-59-56	.50-1.50- .98
1892 Me.	258	24	F.	60-60-60	.50-1.33- .82
1892 Mo.	301	3	M.	(a)	2.83-3.00-2.89
1892 Algeria	505	(a)	M.	54-54-54	.97-1.13- —
1892 Algeria	505	(a)	F.	54-54-54	.68- .68- .68
1892 Australia	424	(a)	M.	(a)	1.42-2.43- —
1892 Australia	424	(a)	F.	(a)	.53- .89- —
1892 C. of G'd H.	486	(a)	M.	(a)	1.22-4.06- —
1892 England	577	(a)	M.	51-51-51	1.30-1.30-1.30
1892 England	577	(a)	F.	48-48-48	.41- .81- —
1892 England	632	(a)	(a)	54-54-54	1.14-1.14-1.14
1892 France	505	(a)	M.	60-70 —	.24-1.25- —
1892 France	505	(a)	F.	60-70 —	.14- .58- —
1892 Germany	184	(a)	M.	(a)	.60- .60- .60
1892 Italy	112	(a)	M.	66-66-66	.40- .60- —
1892 Russia	692	(a)	(a)	(a)	.20- .80- —
1892 Scotland	11	(a)	(a)	(a)	1.22-1.22-1.22
1893 Conn.	20	134	M.	60-60-60	2.00-3.25-2.47
1893 Ill.	10	27	M.	54-66-59	.83-3.00-1.97
1893 Ill.	10	40	F.	46-64-59	.50-1.83- .97
1893 Md.	10	4	M.	60-60-60	1.50-2.92-2.02
1893 Mont.	307	4	M.	b48-48-48	4.50-4.89-4.79
1893 N. Y.	10	15	M.	53-66-59	.58-3.50-1.96
1893 N. Y.	10	10	F.	49-60-56	.50-2.00-1.07
1893 Ohio	374	291	M.	c45-60-58	.75-3.34-2.01
1893 Ohio	374	189	F.	d45-60-58	.49-1.26- .93
1893 Pa.	10	8	M.	59-60-60	.58-2.50-1.61
1893 Pa.	10	1	F.	58-58-58	1.00-1.00-1.00
1893 Germany	11	(a)	M.	(a)	.66- .79- —
1893 Ireland	632	(a)	F.	(a)	.20- .57- —
1893 Italy	639	(a)	M.	60-60-60	.41- .97- —
1893 Wales	632	(a)	F.	54-54-54	.73- .89- —
1894 Conn.	20	114	M.	60-60-60	2.00-3.25-2.51
1894 Iowa	236	27	M.	54-60-60	.75-3.33-2.10
1894 Iowa	236	15	F.	c60-60-60	.50-1.33- .91
1894 Kans.	248	61	F.	55-55-55	1.14-1.14-1.14
1894 Mont.	308	5	M.	(a)	4.58-4.58-4.58
1894 N. H	316	1	M.	57-57-57	2.00-2.00-2.00
1894 Ohio	374	3	M.	(a)	1.67-2.67-2.06
1894 Ohio	375	394	M.	e48-60-58	.75-3.00-2.39
1894 Ohio	375	518	F.	48-60-58	.50-1.50- .97
1894 Australia	134	(a)	M.	48-48-48	2.76-2.76-2.76
1894 Australia	425	(a)	(a)	(a)	2.11-2.64- —
1894 Aust-Hun	632	(a)	M.	(a)	f.09½-.09½-.09½
1894 C. of G'd H.	487	(a)	(a)	48-57 —	1.42-3.04- —
1894 France	129	(a)	M.	(a)	1.16-1.74- —
1894 France	129	(a)	F.	(a)	.77-1.06- —
1894 Germany	11	(a)	(a)	(a)	1.06-1.06-1.06
1894 Ireland	590	(a)	(a)	(a)	1.12-1.22- —
1895 Conn.	7	4	M.	59-59-59	2.00-2.50-2.38
1895 Conn.	20	95	M.	60-60-60	2.00-3.25-2.48
1895 Ky.	7	8	M.	60-60-60	1.82-3.04-2.47
1895 La.	7	10	M.	59-59-59	1.43-2.93-1.98
1895 Mass.	7	11	M.	58-58-58	1.35-1.90-1.68
1895 Mo.	7	10	M.	53-60-56	2.00-3.67-2.60
1895 Mont.	309	3	M.	53-53-53	4.00-4.00-4.00
1895 N. J.	7	3	M.	59-60-59	2.00-3.00-2.33
1895 N. Y.	7	29	M.	59-60-60	1.43-3.00-1.95
1895 N. C.	7	4	M.	54-54-54	2.00-2.33-2.08
1895 Ohio	376	435	M.	g45-60-59	1.03-3.33-2.06
1895 Ohio	376	556	F.	h45-60-59	.70-1.50- .95
1895 S. C.	7	1	M.	54-54-54	3.00-3.00-3.00
1895 Tenn.	7	5	M.	59-59-59	1.33-2.00-1.75
1895 Va.	7	7	M.	57-59-58	2.00-2.50-2.29
1895 Wis.	413	6	(a)	60-60-60	1.50-3.33-2.54
1895 Australia	426	(a)	(a)	(a)	2.11-2.64- —
1895 Aust-Hun	435	(a)	(a)	57-59 —	.44- .81- —
1895 Canada	187	(a)	M.	60-60-60	1.50-2.00- —
1895 Canada	187	(a)	F.	(a)	.17- .67- —
1895 C. of G'd H.	488	(a)	M.	(a)	1.22-2.43- —
1895 China	136	(a)	(a)	(a)	.24- .24- .24
1895 China	136	(a)	(a)	(a)	i.16- .16- .16
1895 Japan	145	(a)	(a)	(a)	.25- .25- .25
1895 Norway	687	(a)	M.	(a)	.72- .72- .72
1895 Norway	690	(a)	M.	(a)	.67- .67- .67
1895 Switzerl'd	184	(a)	(a)	(a)	.76-1.00- —
1896 Florida	7	1	M.	60-60-60	1.00-1.00-1.00
1896 Ga.	7	4	M.	54-60-55	1.33-3.17-2.38
1896 Ill.	12	1	F.	45-45-45	.50- .50- .50
1896 Kans.	250	2	M.	54-60-57	1.50-3.00-2.25
1896 Ky.	7	2	M.	59-59-59	1.00-1.83-1.42
1896 Mo.	305	253	M.	48-60-59	1.00-2.66-1.89
1896 Mo.	305	347	F.	48-60-57	.75-1.69- .87
1896 Nebr.	314	2	(a)	60-60-60	1.67-2.50-2.09
1896 N. Y.	7	4	M.	57-60-58	2.17-2.50-2.35
1896 N. Y.	8	3	M.	60-60-60	2.00-2.50-2.17
1896 N. Y.	336	21	M.	(a)	1.33-3.00-1.79
1896 Ohio	7	6	M.	59-59-59	2.17-3.25-2.71
1896 Ohio	377	460	M.	54-60-59	.98-2.50-1.96
1896 Ohio	377	619	F.	54-60-59	.72-1.23- .91
1896 W. Va.	7	2	M.	59-59-59	1.50-2.50-2.00
1896 Algeria	505	(a)	M.	(a)	.87-1.13- —
1896 Algeria	505	(a)	M.	(a)	j.08½-.12½- —
1896 Australia	184	(a)	(a)	(a)	2.11-3.24- —
1896 Aust-Hun	436	(a)	(a)	54-57 —	.41-1.64- —
1896 Br. Guiana	184	(a)	M.	(a)	.67-1.00- —
1896 C. of G'd H.	489	(a)	M.	(a)	1.46-3.04- —
1896 Corsica	505	(a)	M.	(a)	.58- .58- .58
1896 Corsica	505	(a)	M.	(a)	j.07- .07- .07
1896 France	505	(a)	M.	(a)	.48-1.25- —
1896 France	505	(a)	M.	(a)	k.22- .23- —
1896 France	505	(a)	M.	(a)	j.04½-.12½- —
1896 Germany	560	(a)	M.	57-57-57	.79- .79- .79
1896 Persia	184	(a)	(a)	(a)	.16- .16- .16
1897 Kans.	251	5	M.	48-62-54	1.07-2.83-2.28
1897 Kans.	251	2	F.	l48-48-48	.50-1.60-1.05

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 11 persons not reported.
e Not including hours of 9 persons not reported.
f And board.
g Not including hours of 23 persons not reported.
h Not including hours of 30 persons not reported.
i And food.
j Per hour.
k And board and lodging.
l Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKBINDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Mich	289	76	M.	(a)	1.65-1.65-1.65
1897 N. Y	337	554	M.	b60-60-60	1.25-3.50-2.54
1897 N. Y	337	420	F.	57-60-58	1.17-1.67-1.21
1897 Va	404	31	M.	54-60-59	1.25-2.50-2.06
1897 Va	404	44	F.	54-60-58	.60-1.00- .75
1897 Australia	428	(a)	(a)	(a)	.81-3.24- —
1897 Aust-Hun	437	(a)	(a)	54-60 —	.54- .68- —
1897 C.of G'd H.	490	(a)	(a)	(a)	1.46-3.04- —
1897 England	593	(a)	(a)	(a)	1.30-1.38- —
1897 Ireland	593	(a)	(a)	(a)	1.30-1.38- —
1897 Japan	145	(a)	(a)	(a)	.35- .35- .35
1898 Nebr	314	16	(a)	54-60-54	1.00-2.10-1.55
1898 N. Y	338	880	M.	c60-60-60	2.50-3.50-2.67
1898 Australia	429	(a)	(a)	(a)	.81-3.24- —
1898 Aust-Hun	438	(a)	(a)	51-54 —	.51- .74- —
1898 Aust-Hun	681	(a)	M.	57-57-57	.47- .68- —
1898 Aust-Hun	681	(a)	F.	57-57-57	.41- .54- —
1898 Belgium	454	(a)	(a)	(a)	d0.07-0.07-0.07
1898 C.of G'd H.	491	(a)	(a)	(a)	1.22-3.04- —
1898 Denmark	493	(a)	M.	57-57-57	.72-1.25- —
1898 Germany	151	(a)	M.	(a)	.47- .95- —
1898 Germany	151	(a)	F.	(a)	.20- .40- —
1899 Ala	18	3	M.	60-60-60	2.75-3.33-2.94
1899 Cal	18	20	M.	59-59-59	3.00-4.00-3.23
1899 Ga	18	7	M.	60-60-60	2.00-3.00-2.43
1899 Ill	18	102	M.	54-54-54	3.00-3.00-3.00
1899 N. C	18	8	M.	54-59-55	1.67-2.50-2.06
1899 N. C	353	2	M.	54-54-54	2.33-2.50-2.42
1900 Ala	18	3	M.	60-60-60	2.75-3.33-2.94
1900 Cal	18	20	M.	59-59-59	2.75-4.00-3.13
1900 Ga	18	7	M.	60-60-60	2.00-3.00-2.43
1900 Ill	18	62	M.	54-54-54	3.00-3.00-3.00
1900 N. Y	18	40	M.	54-54-54	2.50-3.33-2.83
1900 N. C	18	8	M.	54-59-55	1.67-2.50-2.06

BOOKBINDERS' HELPERS.

1856 N. Y	8	2	M.	60-60-60	1.00-1.00-1.00
1882 Mass	7	2	M.	59-59-59	.58- .58- .58
1883 Ohio	365	1	F.	36-36-36	.33- .33- .33
1884 Aust-Hun	178	(a)	M.	60-60-60	.47- .67- —
1884 Persia	178	(a)	(a)	(a)	.13- .16- —
1886 N. Y	7	5	M.	54-54-54	.67- .67- .67
1886 N. Y	7	11	F.	54-54-54	.58- .58- .58
1888 Me	254	5	F.	54-60-59	.67-1.00- .80
1888 N. Y	331	1	M.	48-48-48	1.33-1.33-1.33
1890 N. Y	333	214	M.	(a)	.42-2.33- .60
1892 France	505	(a)	M.	60-60-60	.52- .52- .52
1893 Mont	307	1	F.	48-48-48	2.00-2.00-2.00
1893 Mont	307	2	(a)	(a)	2.46-2.46-2.46
1893 Ohio	374	2	M.	60-60-60	1.04-1.04-1.04
1894 Conn	20	6	M.	60-60-60	1.00-1.00-1.00
1894 Ohio	375	4	M.	60-60-60	.75- .75- .75
1895 Conn	7	2	M.	59-59-59	.50- .67- .59
1895 Conn	7	1	F.	59-59-59	.83- .83- .83
1895 Conn	20	5	M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	1	M.	(a)	.75- .75- .75
1896 N. Y	7	5	M.	54-54-54	.67- .67- .67
1896 N. Y	7	10	F.	54-54-54	.50- .50- .50
1896 N. Y	8	1	M.	60-60-60	1.00-1.00-1.00
1896 N. Y	8	3	F.	60-60-60	.50-1.00- .83
1896 Ohio	377	1	M.	54-54-54	.75- .75- .75
1898 Belgium	454	(a)	(a)	(a)	d.05- .05- .05

BOOKERS, CIGARS.

1885 Ohio	1	8	M.	60-60-60	1.00-1.00-1.00
1885 Ohio	1	8	F.	60-60-60	.70- .70- .70
1885 Va	7	2	F.	(a)	1.00-1.00-1.00
1886 N. Y	3	1	F.	59-59-59	1.33-1.33-1.33
1887 Cal	3	4	F.	54-54-54	.67-1.00- .79
1887 Ill	3	1	F.	48-48-48	.92- .92- .92
1887 N. Y	3	11	F.	50-62-58	1.00-1.50-1.29
1887 Ohio	3	3	F.	49-49-49	.67-1.08- .89
1888 Cal	194	7	F.	56-56-56	.67-1.00- .82
1888 N. Y	331	4	M.	57-59-59	.50-1.33- .79
1888 Canada	470	(a)	M.	44-44-44	.73- .73- .73
1888 Canada	470	(a)	F.	52-52-52	.64- .64- .64
1889 Canada	471	(a)	F.	52-52-52	.73- .73- .73
1890 N. Y	333	13	M.	(a)	.67-2.00-1.37
1891 N. Y	333	14	M.	(a)	.67-2.00-1.39
1894 N. C	8	1	M.	60-60-60	.67- .67- .67
1894 Ohio	375	6	F.	(a)	.50- .50- .50
1895 Va	7	2	F.	54-54-54	1.00-1.00-1.00
1896 N. C	7	2	F.	54-54-54	.83- .83- .83

BOOKKEEPERS.

1840 N. Y	190	2	M.	66-75-71	1.00-1.28-1.14
1841 N. Y	190	2	M.	66-75-71	1.00-1.44-1.22
1842 N. Y	190	2	M.	66-75-71	1.00-1.60-1.30
1843 N. Y	190	2	M.	66-75-71	1.00-1.60-1.30
1844 N. Y	190	2	M.	66-75-71	1.25-1.60-1.43
1845 N. Y	190	2	M.	66-75-71	1.50-1.60-1.55
1846 N. Y	190	2	M.	66-75-71	1.50-1.60-1.55
1847 N. Y	190	2	M.	66-75-71	1.50-1.60-1.55
1848 N. Y	190	2	M.	66-75-71	1.60-2.00-1.80
1849 N. Y	190	3	M.	66-75-69	1.60-2.00-1.87
1850 N. H	190	1	M.	66-66-66	.63- .63- .63
1850 N. Y	190	2	M.	66-75-71	1.92-2.00-1.96
1850 Germany	76	(a)	M.	(a)	1.10-1.60- —
1851 N. H	190	1	M.	66-66-66	.63- .63- .63
1851 N. Y	190	2	M.	66-75-71	1.92-2.00-1.96
1852 N. H	190	1	M.	66-66-66	.63- .63- .63
1852 N. Y	190	2	M.	66-75-71	2.00-2.24-2.12
1853 N. H	190	1	M.	66-66-66	.79- .79- .79
1853 N. Y	190	2	M.	60-75-68	2.00-2.56-2.28
1854 N. H	190	1	M.	66-66-66	.79- .79- .79
1854 N. Y	190	2	M.	60-75-68	2.00-2.56-2.28
1855 N. H	190	2	M.	66-66-66	.50-1.00- .75

a Not reported.
b Not including hours of 45 persons not reported.
c Not including hours of 65 persons not reported.
d Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKKEEPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1855 N. Y.	190	3 M.	a60-75-68	2.00-2.88-2.46
1856 N. H	190	2 M.	66-66-66	.50-1.00- .75
1856 N. Y.	190	3 M.	a60-75-68	2.00-2.88-2.37
1857 N. H	190	2 M.	66-66-66	.50-1.00- .75
1857 N. Y.	190	3 M.	a60-75-68	1.75-2.88-2.40
1857 Ireland	561	(b) (b)	(b)	.49-1.46- —
1858 N. H	190	2 M.	66-66-66	.50-1.00- .75
1858 N. Y.	190	3 M.	a60-75-68	1.75-2.88-2.50
1858 Ireland	563	(b) (b)	48-48-48	.51- .51- .51
1859 N. H	190	2 M.	66-66-66	.50-1.00- .75
1859 N. Y.	190	4 M.	a60-75-65	1.50-2.88-2.32
1859 Ireland	563	(b) (b)	48-48-48	.51- .51- .51
1860 N. H	190	2 M.	66-66-66	.75-1.00- .88
1860 N. Y.	190	4 M.	c60-60-60	1.50-2.88-2.30
1860 Germany	76	(b) M.	(b)	1.14-1.82- —
1860 Ireland	563	(b) (b)	48-48-48	.51- .51- .51
1861 N. H	190	2 M.	66-66-66	1.00-1.00-1.00
1861 N. Y.	190	4 M.	c60-60-60	1.50-2.88-2.30
1862 N. H	190	2 M.	66-66-66	1.25-1.25-1.25
1862 N. Y.	190	4 M.	c60-60-60	1.50-2.88-2.30
1863 N. H	190	2 M.	66-66-66	1.25-1.50-1.38
1863 N. Y.	190	4 M.	c60-60-60	2.24-3.19-2.80
1864 N. H	190	2 M.	66-66-66	1.25-1.78-1.52
1864 N. Y.	190	3 M.	a60-60-60	2.50-3.83-3.17
1865 N. H	190	2 M.	66-66-66	1.25-2.00-1.63
1865 N. Y.	190	3 M.	a60-60-60	3.21-3.83-3.62
1866 N. H	190	2 M.	66-66-66	1.25-2.00-1.63
1866 N. Y.	190	4 M.	a60-60-60	1.17-3.83-3.01
1866 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1867 N. H	190	2 M.	66-66-66	1.25-2.00-1.63
1867 N. Y.	190	5 M.	a60-60-60	1.33-3.83-3.07
1867 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1868 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1868 N. Y.	190	4 M.	a60-60-60	1.67-4.79-3.32
1868 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1869 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1869 N. Y.	190	4 M.	a60-60-60	1.67-4.79-3.32
1869 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1870 Mass	7	1 M.	66-66-66	3.21-3.21-3.21
1870 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1870 N. Y.	7	1 M.	60-60-60	4.17-4.17-4.17
1870 N. Y.	190	4 M.	a60-60-60	1.67-4.79-3.32
1870 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1871 Mass	267	1 M.	59-59-59	4.80-4.80-4.80
1871 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1871 N. Y.	190	5 M.	a60-60-60	1.92-5.75-3.34
1871 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1871 England	629	(b) M.	(b)	.28-1.50- —
1872 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1872 N. Y.	190	5 M.	a60-60-60	1.92-6.39-3.47
1872 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1872 Germany	76	(b) M.	(b)	1.37-2.51- —
1873 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1873 N. Y.	190	6 M.	a60-60-60	1.92-6.39-3.46
1873 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1873 Tenn.	7	1 M.	57-57-57	1.33-1.33-1.33
1874 Ill.	185	4 (b)	60-60-60	3.33-3.33-3.33
1874 Mass	7	2 M.	60-60-60	1.67-4.00-2.84
1874 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1874 N. Y.	190	6 M.	a60-60-60	1.92-6.39-3.46
1874 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1874 Pa	380	9 M.	d60-60-60	2.75-6.00-3.54
1875 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1875 N. Y.	7	1 M.	54-54-54	4.17-4.17-4.17
1875 N. Y.	7	1 F.	(b)	3.33-3.33-3.33
1875 N. Y.	190	6 M.	a60-60-60	1.92-6.39-3.51
1875 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1876 Ga	7	1 M.	54-54-54	3.00-3.00-3.00
1876 N. H	190	2 M.	66-66-66	1.50-2.00-1.75
1876 N. Y.	190	6 M.	a60-60-60	1.92-6.39-3.51
1876 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1876 Pa	381	19 M.	(b)	1.92-6.00-3.30
1877 N. H	190	1 M.	66-66-66	1.50-1.50-1.50
1877 N. H	190	1 F.	66-66-66	1.00-1.00-1.00
1877 N. Y.	190	4 M.	60-60-60	1.92-3.83-2.60
1877 Ohio	359	4 M.	(b)	2.17-3.33-2.68
1877 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1877 Pa	382	8 M.	a60-60-60	1.50-3.00-2.28
1877 England	570	(b) M.	57-57-57	1.22-1.22-1.22
1878 Conn.	7	2 M.	72-72-72	2.25-4.81-3.53
1878 N. H.	190	1 M.	66-66-66	1.50-1.50-1.50
1878 N. H.	190	1 F.	66-66-66	1.25-1.25-1.25
1878 N. Y.	190	4 M.	60-60-60	1.92-3.83-2.71
1878 Pa	190	2 M.	60-60-60	1.67-3.33-2.50
1878 Pa	383	4 M.	e60-60-60	1.50-2.73-2.13
1878 Canada	177	(b) M.	(b)	.96-2.88- —
1879 N. H	190	1 M.	66-66-66	1.50-1.50-1.50
1879 N. H	190	1 F.	66-66-66	1.25-1.25-1.25
1879 N. Y.	190	5 M.	60-60-60	1.00-3.83-2.36
1879 Pa	190	2 M.	60-60-60	1.67-3.33-2.50
1879 Pa	384	8 (b)	f60-60-60	2.00-3.00-2.67
1880 Ga	7	4 M.	51-66-59	3.00-4.67-3.79
1880 Ga	7	1 F.	51-51-51	3.00-3.00-3.00
1880 Ky	7	2 M.	a60-60-60	2.50-4.17-3.34
1880 La	7	1 M.	(b)	1.67-1.67-1.67
1880 Md	7	2 M.	60-60-60	2.00-3.00-2.50
1880 Mo	7	1 M.	(b)	2.50-2.50-2.50
1880 N. H	190	1 M.	66-66-66	1.50-1.50-1.50
1880 N. H	190	1 F.	66-66-66	1.50-1.50-1.50
1880 N. Y.	7	8 M.	c51-60-56	1.67-6.67-4.06
1880 N. Y.	190	5 M.	60-60-60	1.50-3.83-2.53
1880 Pa	7	10 M.	a57-60-59	1.33-4.17-2.60
1880 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1880 R. I	7	1 M.	58-58-58	2.00-2.00-2.00
1880 W. Va	7	2 M.	59-60-60	3.33-3.67-3.50
1881 Conn.	7	1 F.	60-60-60	1.67-1.67-1.67
1881 Ga	7	1 M.	59-59-59	3.33-3.33-3.33
1881 Mo	7	1 M.	54-54-54	4.81-4.81-4.81
1881 N. H	190	1 M.	66-66-66	1.67-1.67-1.67
1881 N. H	190	1 F.	66-66-66	1.78-1.78-1.78
1881 N. J	320	1 M.	48-48-48	1.53-1.53-1.53
1881 N. Y.	190	5 M.	60-60-60	1.50-3.83-2.66
1881 Ohio	7	1 M.	60-60-60	4.17-4.17-4.17
1881 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1881 Hawai. Is.	24	(b) (b)	(b)	1.92-3.83- —
1882 Conn.	7	1 M.	(b)	.50- .50- .50
1882 Ga	7	2 M.	a48-48-48	2.00-3.00-2.50
1882 Ky	7	1 M.	57-57-57	1.67-1.67-1.67
1882 N. H	190	1 M.	66-66-66	1.67-1.67-1.67
1882 N. H	190	1 F.	66-66-66	2.00-2.00-2.00
1882 N. J	321	1 M.	(b)	3.33-3.33-3.33
1882 N. Y.	7	1 M.	60-60-60	6.67-6.67-6.67
1882 N. Y.	190	4 M.	60-60-60	1.67-4.79-2.76
1882 N. C.	7	1 M.	57-57-57	3.33-3.33-3.33
1882 Ohio	7	2 M.	54-60-57	2.08-3.33-2.71
1882 Ohio	364	352 (b)	(b)	.96-7.97-2.97
1882 Pa	7	3 M.	c57-57-57	2.50-3.33-2.78
1882 S. C.	7	2 M.	a51-51-51	1.67-2.67-2.17
1882 W. Va	7	3 M.	57-60-59	2.00-3.00-2.67
1882 Wis	7	1 M.	57-57-57	3.33-3.33-3.33
1883 Ga	7	2 M.	(b)	3.00-3.33-3.17
1883 Mass	7	1 M.	(b)	3.33-3.33-3.33
1883 Mass	7	1 F.	(b)	4.17-4.17-4.17
1883 Mo	7	2 M.	53-59-56	2.00-2.50-2.25
1883 N. H	190	2 F.	66-66-66	1.00-2.00-1.50
1883 N. J	7	2 M.	60-60-60	1.50-2.00-1.75
1883 N. J	322	8 M.	c54-60-58	2.00-4.17-3.29
1883 N. Y.	190	4 M.	60-60-60	2.25-4.79-3.07

a Not including hours of 1 person not reported.
b Not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKKEEPERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Ohio	7	3 M.	60-60-60	1.67-3.75-2.92
1883 Ohio	7	2 F.	48-48-48	1.67-2.50-2.09
1883 Ohio	365	3 M.	57-72-66	1.90-3.00-2.35
1883 R. I	7	1 M.	60-60-60	2.50-2.50-2.50
1883 Tenn	7	4 M.	57-66-64	1.67-4.17-2.75
1883 W. Va	7	1 M.	60-60-60	2.50-2.50-2.50
1883 England	45	(a) (a)	(a)	1.05-2.03- —
1884 Fla	7	4 M.	60-70-64	3.33-4.17-3.54
1884 Ga	7	2 M.	b 60-60-60	3.33-4.17-3.75
1884 Iowa	231	149 (a)	60-66-61	1.47-3.70-2.49
1884 Ky	7	2 M.	54-54-54	4.17-5.83-5.00
1884 La	7	2 M.	60-60-60	2.92-4.17-3.55
1884 Me	7	1 F.	59-59-59	2.17-2.17-2.17
1884 Mich	278	44 M.	(a)	1.00-5.00-2.72
1884 Mo	7	2 M.	b 60-60-60	2.00-2.50-2.25
1884 Mo	295	91 (a)	(a)	2.87-2.87-2.87
1884 N. H	190	2 F.	66-66-66	1.00-2.00-1.50
1884 N. J	7	9 M.	c 56-60-58	.75-3.00-1.99
1884 N. J	323	5 M.	60-60-60	1.33-3.21-2.11
1884 N. Y	190	4 M.	60-60-60	2.56-4.79-3.15
1884 Ohio	7	11 M.	45-60-55	1.75-5.00-2.93
1884 Ohio	367	48 (a)	(a)	1.00-4.79-2.79
1884 Pa	7	6 M.	54-60-59	2.50-4.17-2.94
1884 Pa	7	1 F.	54-54-54	1.33-1.33-1.33
1884 R. I	7	8 M.	57-57-57	.75-6.41-2.31
1884 S. C	7	1 M.	(a)	2.50-2.50-2.50
1884 Tenn	7	1 M.	59-59-59	3.75-3.75-3.75
1884 Va	7	2 M.	55-55-55	2.33-4.67-3.50
1884 W. Va	7	4 M.	60-75-67	2.00-3.00-2.42
1884 Wis	7	2 M.	60-60-60	2.00-3.33-2.67
1884 Aust-Hun	178	(a) M.	75-75-75	.61-1.23- —
1884 Belgium	178	(a) M.	60-60-60	1.48-2.22- —
1884 Canada	178	(a) (a)	d 60-60-60	.96-5.11- —
1884 C. of G'd H.	178	(a) (a)	50-50-50	1.67-5.00- —
1884 Colombia	178	(a) (a)	69-69-69	.93-4.64- —
1884 Cuba	178	(a) (a)	(a)	2.50-3.04- —
1884 Ecuador	178	(a) M.	(a)	2.33-4.33- —
1884 England	178	(a) M.	(a)	1.05-2.03- —
1884 France	178	(a) M.	66-66-66	.59- .74- —
1884 France	178	(a) F.	66-66-66	.59- .74- —
1884 Germany	178	(a) M.	e 48-60 —	1.12-2.38- —
1884 Germany	178	(a) M.	60-60-60	f .68- .91- —
1884 Germany	178	(a) M.	60-60-60	g .95-1.10- —
1884 Germany	178	(a) F.	h 60-60-60	.88-1.59- —
1884 Italy	178	(a) M.	i 42-72 —	.48-3.64- —
1884 Mexico	178	(a) (a)	j 60-80 —	1.00-6.67- —
1884 Netherl'ds	178	(a) M.	(a)	f .70- .70- .70
1884 N. Zealand	178	(a) (a)	48-48-48	2.84-4.70- —
1884 Peru	178	(a) M.	70-70-70	4.67-9.33- —
1884 Russia	178	(a) M.	(a)	1.38-3.07- —
1884 S. Domingo	178	(a) (a)	(a)	3.83-7.67- —
1884 Spain	178	(a) M.	60-60-60	1.17-2.00- —
1884 Turk. in A.	178	(a) (a)	54-66 —	.50-2.04- —
1884 Venezuela	178	(a) M.	(a)	2.36-9.58- —
1885 Conn	7	3 M.	42-59-48	3.00-3.53-3.24
1885 Conn	7	1 F.	59-59-59	1.50-1.50-1.50
1885 Fla	7	2 M.	60-60-60	3.00-3.33-3.17
1885 Ga	7	8 M.	k 59-66-62	2.00-4.17-3.15
1885 Ill	7	11 M.	k 54-60-59	2.50-6.67-3.94
1885 Ill	7	1 F.	(a)	1.67-1.67-1.67
1885 Iowa	7	2 M.	60-63-62	3.67-5.00-4.34
1885 La	7	3 M.	(a)	3.33-5.00-3.89
1885 Me	7	6 M.	60-66-61	1.25-3.00-1.83
1885 Md	7	2 M.	b 60-60-60	2.08-4.17-3.13
1885 Mass	7	13 M.	50-64-57	1.17-5.83-2.80
1885 Mass	7	5 F.	54-60-56	1.20-2.89-1.90
1885 Mo	7	7 M.	59-60-60	2.00-5.00-2.98
1885 Mo	7	1 F.	60-60-60	2.00-2.00-2.00
1885 N. H	7	2 M.	b 66-66-66	2.00-2.21-2.11
1885 N. H	190	2 F.	66-66-66	1.00-2.00-1.50
1885 N. J	7	9 M.	l 48-60-57	1.25-3.00-2.08
1885 N. J	324	3 M.	60-60-60	1.17-2.50-1.72
1885 N. Y	7	62 M.	n 47-60-55	1.33-8.33-3.32
1885 N. Y	7	3 F.	(a)	1.50-2.00-1.72
1885 N. Y	190	4 M.	60-60-60	2.56-4.79-3.15
1885 Ohio	7	11 M.	b 51-60-59	2.08-5.83-3.95
1885 Ohio	7	1 F.	59-59-59	2.00-2.00-2.00
1885 Ohio	367	50 (a)	(a)	1.00-4.79-2.88
1885 R. I	7	3 M.	b 48-54-51	2.33-2.56-2.46
1885 R. I	7	4 F.	54-66-59	1.42-2.00-1.60
1885 S. C	7	3 M.	k 59-59-59	2.33-3.00-2.61
1885 Wis	7	15 M.	b 59-60-60	2.00-8.66-4.56
1885 Germany	547	(a) M.	(a)	f .68-1.37- —
1886 Fla	7	3 M.	k 90-90-90	2.67-4.17-3.28
1886 Ill	7	25 M.	o 54-60-55	2.00-6.67-3.13
1886 Ill	7	6 F.	53-60-56	1.33-2.00-1.56
1886 Iowa	7	2 M.	58-60-59	1.67-2.50-2.09
1886 Iowa	7	1 F.	(a)	1.00-1 00-1.00
1886 Mich	7	1 M.	57-57-57	3.17-3.17-3.17
1886 N. H	190	2 F.	66-66-66	1.34-2.00-1.67
1886 N. J	325	7 M.	60-60-60	1.67-3.33-2.69
1886 N. Y	3	1 F.	54-54-54	.83- .83- .83
1886 N. Y	7	6 M.	k 59-60-60	1.67-3.83-2.28
1886 N. Y	7	6 F.	o 59-60-60	1.00-1.50-1.36
1886 N. Y	190	4 M.	60-60-60	2.57-4.79-3.39
1886 Pa	7	19 M.	l 48-63-60	1.00-4.17-2.31
1886 Pa	7	3 F.	58-60-59	.83-2.00-1.33
1886 R. I	3	5 F.	44-60-55	1.08-1.67-1.35
1886 R. I	7	2 M.	60-60-60	2.00-3.84-2.92
1886 Germany	76	(a) M.	(a)	1.60-2.74- —
1887 Cal	3	2 F.	48-48-48	1.17-1.25-1.21
1887 Fla	4	4 M.	(a)	2.49-3.83-3.50
1887 La	3	1 F.	60-60-60	2.06-2.06-2.06
1887 Mass	4	1 M.	(a)	2.12-2.12-2.12
1887 Mich	4	2 M.	(a)	6.39-6.39-6.39
1887 Mo	4	2 M.	(a)	4.79-4.79-4.79
1887 N. H	190	2 F.	66-66-66	1.34-2.50-1.92
1887 N. J	4	1 M.	(a)	2.88-2.88-2.88
1887 N. Y	4	3 M.	(a)	3.45-4.79-4.03
1887 N. Y	190	4 M.	60-60-60	2.57-4.79-3.39
1887 Ohio	369	3 M.	60-60-60	1.54-3.00-2.07
1887 Oregon	4	4 M.	(a)	3.07-4.31 3.52
1887 Pa	4	2 M.	(a)	1.53-4.60-3.07
1887 Wis	4	2 M.	(a)	2.68-4.41-3.55
1887 Germany	557	(a) (a)	(a)	f .68- .68- .68
1888 Cal	194	2 F.	47-47-47	1.17-1.25-1.21
1888 Kans	242	43 (a)	p 60-72-69	1.00-4.45-2.45
1888 Mich	280	3 M.	60-78-66	1.46-2.68-2.15
1888 N. H	190	2 F.	66-66-66	1.34-2.50-1.92
1888 N. J	326	4 M.	(a)	1.33-4.17-2.42
1888 N. J	326	1 F.	(a)	1.00-1.00-1.00
1888 N. Y	190	5 M.	60-60-60	2.00-4.79-3.18
1888 N. Y	331	73 M.	q 48-93-60	.77-7.99-2.83
1888 N. Y	331	1 M.	(a)	r 1.17-1.17-1.17
1888 N. Y	331	1 F.	59-59-59	1.67-1.67-1.67
1889 Ind	189	54 (a)	(a)	1.15-3.50-2.34

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 5 persons not reported.
d Applies to but 4 of the 14 wage quotations.
e Applies to but 16 of the 26 wage quotations.
f And board and lodging.
g And rent, fuel, and light.
h Applies to but 3 of the 6 wage quotations.
i Applies to but 7 of the 11 wage quotations.
j Applies to but 10 of the 15 wage quotations.
k Not including hours of 2 persons not reported.
l Not including hours of 4 persons not reported.
n Not including hours of 7 persons not reported.
o Not including hours of 3 persons not reported.
p Not including hours of 30 persons not reported.
q Not including hours of 18 persons not reported.
r And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKKEEPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Kans	243	50 M.	a60-72-66	1.15-4.79-2.49
1889 Me	6	1 F.	(b)	1.25-1.25-1.25
1889 Mich	281	11 M.	60-60-60	.77-5.75-1.87
1889 Mo	299	1 M.	(b)	2.00-2.00-2.00
1889 N. H	190	2 F.	66-66-66	1.34-3.33-2.34
1889 N. Y	190	4 M.	60-60-60	2.00-4.79-3.54
1889 Ohio	189	9 (b)	(b)	1.00-5.00-2.76
1889 Pa	5	1 M.	60-60-60	2.49-2.49-2.49
1889 Pa	189	3 (b)	(b)	.96-2.88-2.04
1889 Australia	432	(b) M.	(b)	3.42-3.42-3.42
1889 England	5	(b) M.	(b)	.81- .81- .81
1890 Ill	19	5 M.	(b)	1.33-4.81-2.39
1890 Mich	282	36 M.	60-60-60	.67-5.77-2.03
1890 N. H	190	2 F.	66-66-66	1.34-3.33-2.34
1890 N. Y	190	3 M.	60-60-60	3.83-4.79-4.26
1890 N. Y	333	489 M.	(b)	.50-10.83-2.51
1890 N. Y	333	10 F.	(b)	.83-1.33- .91
1890 Ohio	5	1 M.	(b)	1.60-1.60-1.60
1890 Ohio	371	775 (b)	48-72-59	1.00-7.40-2.74
1891 Ill	19	4 M.	(b)	1.33-4.81-2.79
1891 Mich	283	57 F.	(b)	.42-2.50-1.23
1891 Mo	300	2 M.	(b)	.98-3.37-2.18
1891 N. H	190	2 F.	66-66-66	1.34-3.33-2.34
1891 N. Y	190	4 M.	60-60-60	3.21-4.79-4.00
1891 N. Y	333	667 M.	(b)	.48-10.83-2.57
1891 N. Y	333	12 F.	(b)	1.00-2.00-1.12
1891 Wis	411	1 M.	(b)	c3.19-3.19-3.19
1891 England	123	(b) (b)	(b)	2.03-2.03-2.03
1892 Cal	196	2 M.	54-57-56	1.73-5.37-3.55
1892 Cal	196	5 F.	53-68-57	.83-2.00-1.28
1892 Ill	19	6 M.	(b)	2.00-4.81-2.94
1892 Ill	210	18 F.	48-66-54	.83-3.00-1.84
1892 Me	258	34 M.	60-60-60	2.00-2.00-2.00
1892 Mass	20	3 M.	60-60-60	1.25-1.25-1.25
1892 Mass	20	3 F.	60-60-60	1.10-1.50-1.32
1892 N. Y	20	2 M.	d60-60-60	3.21-9.58-6.40
1892 Ohio	373	51 (b)	(b)	1.53-4.79-2.99
1892 Algeria	505	(b) M.	(b)	.39- .39- .39
1892 France	505	(b) M.	60-81 —	.48-1.54- —
1892 France	505	(b) M.	66-66-66	e.63-1.35- —
1892 France	505	(b) F.	74-74-74	1.14-1.14-1.14
1893 Ill	10	2 M.	48-54-51	1.17-1.67-1.42
1893 Ill	19	6 M.	(b)	2.00-4.81-2.94
1893 Mass	20	3 M.	58-60-59	1.25-2.50-1.67
1893 Mass	20	2 F.	58-58-58	1.20-1.45-1.33
1893 Mich	285	5 M.	48-60-58	1.34-2.88-1.80
1893 Mo	302	1 M.	(b)	2.89-2.89-2.89
1893 Mont	307	23 (b)	a60-60-60	3.15-4.18-3.84
1893 N. Y	20	2 M.	d60-60-60	3.21-9.58-6.40
1893 Ohio	374	28 (b)	(b)	.38-7.19-2.27
1893 Aust-Hun	448	(b) M.	63-63-63	.39-1.56- —
1893 England	632	(b) F.	f61-87 —	g .29- .93- —
1894 Mass	20	3 M.	58-60-59	1.25-2.50-1.67
1894 Mass	20	2 F.	58-58-58	1.20-1.45-1.33
1894 Mont	308	6 M.	(b)	4.06-4.06-4.06
1894 N. Y	20	2 M.	d60-60-60	3.21-9.58-6.40
1894 N. C	8	4 M.	60-66-62	2.50-4.79-3.20
1894 W. Va	406	1 M.	60-60-60	2.50-2.50-2.50
1894 France	506	(b) M.	h60-75 —	.74-3.70- —
1895 Conn	7	9 M.	42-60-50	1.67-6.41-3.77
1895 Conn	7	4 F.	59-59-59	1.00-1.83-1.33
1895 Ga	7	15 M.	54-60-58	1.42-6.67-3.35
1895 Ga	7	4 F.	54-60-59	1.00-2.00-1.60
1895 Ga	8	2 M.	66-66-66	.95-1.25-1.10
1895 Ill	7	2 M.	55-55-55	2.50-5.00-3.75
1895 Iowa	7	1 M.	60-60-60	2.33-2.33-2.33
1895 Iowa	7	5 F.	54-60-56	0.67-1.17-1.00
1895 La	7	10 M.	60-60-60	2.50-6.67-4.18
1895 Me	7	11 M.	60-60-60	1.33-5.33-2.38
1895 Me	7	5 F.	57-60-59	1.25-2.50-1.62
1895 Md	7	9 M.	60-60-60	1.33-3.33-2.41
1895 Md	7	2 F.	54-60-57	1.00-2.50-1.75
1895 Mass	7	18 M.	48-62-58	1.50-5.83-3.34
1895 Mass	7	12 F.	50-60-56	.58-4.17-1.82
1895 Mass	20	3 M.	58-60-59	1.25-2.25-1.58
1895 Mass	20	3 F.	58-60-59	1.30-2.00-1.63
1895 Mich	287	3 M.	(b)	1.92-2.47-2.13
1895 Mo	7	16 M.	53-60-59	1.67-6.67-3.36
1895 Mo	7	1 F.	60-60-60	2.50-2.50-2.50
1895 Mo	304	2 M.	(b)	1.50-3.83-2.67
1895 Mont	309	8 M.	53-53-53	3.76-3.76-3.76
1895 N. H	7	5 M.	60-66-61	2.67-4.63-3.42
1895 N. H	7	2 F.	60-60-60	1.25-1.50-1.38
1895 N. J	7	33 M.	48-60-56	1.33-8.33-2.61
1895 N. J	7	9 F.	50-60-55	.83-2.00-1.49
1895 N. Y	7	116 M.	48-60-55	.83-8.33-3.11
1895 N. Y	7	17 F.	48-60-51	.67-3.33-1.34
1895 N. Y	8	2 M.	60-60-60	3.00-6.67-4.84
1895 N. Y	20	2 M.	d60-60-60	3.21-9.58-6.40
1895 N. C	7	1 M.	54-54-54	4.17-4.17-4.17
1895 Ohio	7	3 M.	58-60-59	1.83-5.83-3.94
1895 R. I	7	14 M.	54-60-57	1.00-5.83-2.83
1895 R. I	7	18 F.	54-60-58	.67-2.50-1.33
1895 S. C	7	7 M.	51-66-61	2.00-4.17-3.29
1895 S. C	7	3 F.	54-60-58	1.00-2.33-1.56
1895 Tenn	7	7 M.	57-66-63	1.33-5.00-2.89
1895 Va	7	2 M.	55-55-55	3.33-5.00-4.17
1895 Wis	7	4 M.	59-60-60	2.50-6.67-4.00
1895 Wis	413	1 (b)	60-60-60	3.00-3.00-3.00
1895 France	509	(b) (b)	60-60-60	1.11-1.48- —
1896 Colo	200	1 M.	72-72-72	2.00-2.00-2.00
1896 Fla	7	8 M.	60-78-65	2.67-5.00-3.73
1896 Fla	7	1 F.	60-60-60	2.00-2.00-2.00
1896 Ga	7	15 M.	48-66-60	1.25-6.67-3.73
1896 Ga	7	2 F.	48-60-54	1.50-1.67-1.59
1896 Ill	7	60 M.	48-60-55	1.00-8.33-2.93
1896 Ill	7	19 F.	48-60-55	1.00-2.50-1.64
1896 Iowa	7	5 M.	57-60-58	.67-2.67-1.62
1896 Iowa	7	2 F.	54-60-57	.83-2.00-1.42
1896 Ky	7	5 M.	54-60-56	2.50-6.67-4.27
1896 Ky	7	1 F.	57-57-57	1.67-1.67-1.67
1896 Mich	7	4 F.	54-59-56	1.00-3.33-1.81
1896 Mich	288	32 (b)	i42-60-58	1.00-4.82-2.45
1896 Mo	305	571 M.	(b)	.58-14.38-3.32
1896 Mo	305	49 F.	(b)	.77-5.75-2.15
1896 Nebr	314	79 M.	j48-72-61	.19-5.75-2.55
1896 Nebr	314	10 F.	k60-66-62	.96-3.07-1.74
1896 Nebr	314	5 (b)	d57-60-59	1.92-2.88-2.59
1896 N. Y	7	8 M.	44-60-58	1.33-5.33-2.52
1896 N. Y	7	27 F.	54-60-59	.83-2.17-1.32
1896 N. C	7	1 M.	54-54-54	3.08-3.08-3.08
1896 Ohio	7	30 M.	45-60-57	1.25-6.67-3.56
1896 Ohio	7	5 F.	48-59-55	1.50-3.00-2.10
1896 Pa	7	56 M.	48-60-58	.83-6.67-2.98
1896 Pa	7	20 F.	48-60-57	1.00-4.17-1.72
1896 R. I	7	5 M.	60-60-60	2.50-3.84-2.97
1896 R. I	7	2 F.	60-60-60	2.17-2.33-2.25
1896 W. Va	7	15 M.	54-60-58	1.67-4.17-3.34
1896 W. Va	7	1 F.	62-62-62	1.67-1.67-1.67
1896 Wis	7	23 M.	48-60-58	2.00-9.62-4.51
1896 Canada	184	(b) M.	(b)	1.44-5.75- —
1896 Canada	482	(b) (b)	(b)	2.00-5.00- —

a Not including hours of 11 persons not reported.
b Not reported.
c And house and wood.
d Not including hours of 1 person not reported.
e And lodging.
f Applies to but 5 of the 7 wage quotations.
g And board and lodging.
h Applies to but 13 of the 14 wage quotations.
i Not including hours of 2 persons not reported.
j Not including hours of 45 persons not reported.
k Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOOKKEEPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 France	510	(a)	(a)	72-72-72	b0.33-0.55- —
1896 Turk. in A.	184	(a)	M.	(a)	1.35-1.35-1.35
1897 Conn.	204	3	M.	46-60-54	2.50-3.85-3.40
1897 Kans.	251	30	M.	(c)	.77-3.83-1.83
1897 Kans.	251	6	F.	39-73-55	.50-1.38- .95
1897 Nebr.	314	37	M.	d48-66-61	1.00-7.67-2.61
1897 Nebr.	314	3	F.	e66-66-66	1.15-1.34-1.28
1897 Ohio	377	8	(a)	(a)	1.34-4.98-2.59
1897 Va.	404	164	M.	(a)	.21-6.71-2.51
1897 Va.	404	8	F.	(a)	.58-2.88-1.73
1897 Australia	418	(a)	(a)	(a)	1.42-1.82- —
1898 Mich.	290	8	M.	(a)	1.38-1.93-1.59
1898 Mich.	290	11	F.	(a)	.71-1.81-1.26
1898 Mo.	306	606	M.	(a)	.38-11.50-3.29
1898 Mo.	306	32	F.	(a)	0.61-3.83-1.88
1898 Nebr.	314	212	M.	48-60-58	.80-10.00-2.12
1898 Nebr.	314	37	F.	48-72-59	.50-3.00-1.51
1898 Nebr.	314	1	(a)	48-48-48	2.77-2.77-2.77
1898 N. J.	329	8	M.	60-60-60	2.00-2.50-2.06
1898 Ohio	18	1	M.	(a)	2.40-2.40-2.40
1898 Wash.	405	41	(a)	(a)	.96-3.83-2.64
1898 Australia	419	(a)	(a)	(a)	.78-2.43- —
1898 C. of G'd H.	149	(a)	(a)	(a)	2.88-2.88-2.88
1898 Germany	151	(a)	(a)	(a)	.99-2.64- —
1899 Mich.	291	33	F.	59-59-59	1.23-1.23-1.23
1899 N. C.	353	2	M.	(a)	1.40-1.75-1.58
1899 N. Zealand	681	(a)	(a)	52-52-52	1.82-1.82-1.82

BOOM HANDS, LUMBER.

1883	Mich.	277	180	M.	(a)	1.00-3.00-1.94	1893	Wis.	191	2	M.	60-60-60	1.50-2.25-1.88
1884	Mich.	278	59	M.	(a)	1.50-2.50-1.79	1893	Wis.	412	45	M.	(a)	1.50-1.50-1.50
1885	Mich.	1	2	M.	66-66-66	1.50-1.50-1.50	1893	Canada	191	(a)	M.	66-66-66	1.25-1.65- —
1885	Mich.	279	150	M.	66-66-66	1.25-2.50-1.69	1894	Mich.	191	2	M.	60-60-60	1.38-1.75-1.57
1887	Wis.	409	15	M.	(a)	2.01-2.01-2.01	1894	Minn.	191	10	M.	60-60-60	1.00-1.85-1.65
1889	Canada	471	(a)	M.	66-66-66	1.39-1.39-1.39	1894	Wis.	191	2	M.	60-60-60	1.50-1.75-1.63
1891	Mich.	191	2	M.	60-60-60	1.50-1.88-1.69	1894	Canada	191	(a)	M.	66-66-66	1.25-1.75- —
1891	Minn.	191	4	M.	60-60-60	1.50-1.70-1.65	1895	Mich.	191	2	M.	60-60-60	1.38-1.63-1.51
1891	Wis.	191	2	M.	60-60-60	1.75-2.50-2.13	1895	Minn.	191	10	M.	60-60-60	1.40-1.62-1.56
1891	Wis.	411	46	M.	(a)	1.50-1.50-1.50	1895	Wis.	191	2	M.	60-60-60	1.50-1.75-1.63
1891	Canada	191	(a)	M.	66-66-66	1.25-1.65- —	1895	Canada	191	(a)	M.	60-60-60	1.25-1.75- —
1892	Mich.	191	2	M.	60-60-60	1.50-1.75-1.63	1896	Mich.	191	2	M.	60-60-60	1.38-1.63-1.51
1892	Minn.	191	10	M.	60-60-60	1.50-1.90-1.82	1896	Minn.	191	14	M.	60-60-60	1.25-1.50-1.48
1892	Wis.	191	2	M.	60-60-60	1.75-2.50-2.13	1896	Wis.	191	2	M.	60-60-60	1.50-1.50-1.50
1892	Canada	191	(a)	M.	66-66-66	1.25-1.65- —	1896	Canada	191	(a)	M.	60-60-60	1.25-1.75- —
1893	Mich.	191	2	M.	60-60-60	1.50-1.75-1.63	1897	Mich.	8	1	M.	60-60-60	1.25-1.25-1.25
1893	Minn.	191	10	M.	60-60-60	1.10-2.00-1.91	1898	Wash.	405	125	(a)	(a)	1.67-2.60-2.04

BOOTBLACKS.

1884	Mich.	278	12	M.	(a)	.21-1.00- .56	1893	Ill.	10	52	M.	f18-84-60	.14-2.86- .63
1884	Italy	178	(a)	M.	(a)	.30- .70- —	1893	Md.	10	1	M.	84-84-84	.29- .29- .29
1890	Kans.	244	16	M.	(a)	.29- .57- .44	1893	Pa.	10	38	M.	g60-84-76	.14-1.29- .67
1892	C. of G'd H.	486	(a)	M.	(a)	.32- .32- .32	1898	Australia	419	(a)	(a)	(a)	.81- .81- .81
1892	C. of G'd H.	486	(a)	M.	(a)	b .96- .96- .96							

BORERS, FIREARMS.

1855	N. Y.	8	2	M.	72-72-72	1.25-1.25-1.25	1894	N. Y.	8	5	M.	60-60-60	1.50-2.50-2.05
1880	England	571	(a)	M.	54-54-54	1.22-1.22-1.22	1896	Conn.	8	4	M.	60-60-60	1.75-3.00-2.25
1885	Belgium	55	(a)	M.	(a)	.40- .40- .40	1896	N. Y.	8	8	M.	60-60-60	2.00-2.50-2.28
1890	N. Y.	333	5	M.	(a)	1.88-1.88-1.88	1897	N. Y.	8	7	M.	60-60-60	1.65-3.00-2.08
1891	N. Y.	333	5	M.	(a)	1.75-1.75-1.75							

a Not reported.
b And board and lodging.
c 42-100-66 hours; not including hours of 2 persons not reported.
d Not including hours of 26 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 22 persons not reported.
g Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BORERS, FOUNDRY AND MACHINE SHOP.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 Germany	610	(a) M.	(a)	0.36-0.61- —	1892 England	577	(a) M.	53-53-53	1.28-1.28-1.28
1880 England	571	(a) M.	54-54-54	.97-1.32- —	1893 France	507	(a) (a)	60-60-60	1.06-1.25- —
1884 Switzerl'd.	178	(a) M.	65-65-65	.54- .65- —	1896 France	510	(a) (a)	60-60-60	.77- .77- .77
1891 Belgium	632	(a) (a)	(a)	.52- .77- —					

BORERS, WOOD.

1856 Mass	8	1 M.	60-60-60	1.25-1.25-1.25	1893 Italy	639	(a) M.	(a)	.39- .39- .39
1860 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1894 Me	260	1 M.	60-60-60	2.50-2.50-2.50
1871 Scotland	629	(a) (a)	(a)	.66- .66- .66	1894 N. Y.	8	21 M.	60-60-60	1.00-2.50-1.49
1881 Ohio	363	1 M.	60-60-60	1.25-1.25-1.25	1894 N. C.	8	3 M.	60-60-60	1.50-2.00-1.67
1882 Ohio	364	226 M.	b 60-60-60	1.17-2.75-1.76	1895 Conn.	8	1 M.	60-60-60	1.25-1.25-1.25
1884 N. J	323	1 M.	60-60-60	2.17-2.17-2.17	1895 Mass	8	5 M.	60-60-60	.83-2.50-1.52
1884 France	178	(a) M.	60-60-60	.76-1.01- —	1895 N. J	8	1 M.	60-60-60	2.50-2.50-2.50
1884 Germany	556	(a) (a)	60-60-60	.88- .88- .88	1895 N. Y.	8	36 M.	48-60-59	.70-3.00-1.73
1885 Germany	547	(a) (a)	(a)	.54- .65- —	1895 N. C.	8	2 M.	60-60-60	1.00-1.25-1.13
1886 Mich	7	7 M.	48-48-48	.75-2.00-1.14	1895 Ohio	376	8 M.	54-60-59	1.25-1.50-1.47
1887 Wis	409	15 M.	(a)	1.25-1.50-1.27	1895 Pa	8	1 M.	60-60-60	2.16-2.16-2.16
1887 Germany	557	(a) (a)	57-60 —	.89- .89- .89	1896 Ga	8	1 M.	60-60-60	.75- .75- .75
1888 N. Y.	331	1 M.	65-65-65	1.20-1.20-1.20	1896 Mass	8	2 M.	60-60-60	1.50-1.50-1.50
1888 Germany	558	(a) (a)	57-60 —	.89- .89- .89	1896 Mich	7	7 M.	59-59-59	.75-2.50-1.35
1889 N. Y.	332	1 (a)	53-53-53	2.00-2.00-2.00	1896 N. Y.	8	6 M.	54-60-59	1.50-2.50-2.00
1890 Mich	282	2 M.	60-60-60	1.17-1.33-1.25	1896 Pa	8	1 M.	60-60-60	1.00-1.00-1.00
1890 N. Y.	333	34 M.	(a)	1.00-2.50-2.00	1896 England	586	(a) M.	(a)	1.26-1.26-1.26
1891 N. Y.	333	39 M.	(a)	1.00-2.50-1.89	1897 Mass	8	7 M.	60-60-60	1.00-2.25-1.70
1892 France	505	(a) F.	63-63-63	.34- .58- —	1897 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50
1893 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50	1897 Pa	8	1 M.	60-60-60	1.25-1.25-1.25
1893 N. C.	8	1 M.	60-60-60	1.00-1.00-1.00					

BOTTLE KIDDERS.

1881 Va	7	3 F.	(a)	.83- .83- .83	1895 Va	7	10 F.	48-48-48	1.00-1.25-1.18

BOTTLERS.

1874 Scotland	177	(a) M.	56-56-56	.71- .88- —	1885 Ill.	7	3 F.	55-55-55	.75- .75- .75
1875 N. Y.	7	13 M.	57-57-57	1.17-2.17-1.67	1885 Mass	7	30 M.	60-60-60	.50-1.87-1.28
1875 N. Y.	7	8 F.	51-51-51	.83-1.17-1.01	1885 N. J	7	4 F.	60-60-60	.67- .67- .67
1875 Scotland	177	(a) M.	56-56-56	.71- .88- —	1885 N. Y.	7	7 M.	56-57-57	.83-2.00-1.45
1876 Scotland	177	(a) M.	56-56-56	.71- .88- —	1885 N. Y.	7	48 F.	48-59-55	1.02-1.20-1.09
1877 Scotland	177	(a) M.	56-56-56	.71- .88- —	1885 Ohio	1	6 M.	72-72-72	.83- .83- .83
1878 Scotland	177	(a) M.	56-56-56	.71- .88- —	1885 Wis	7	32 M.	60-60-60	.50- .50- .50
1880 Ga	7	10 F.	51-60-56	.50- .58- .55	1885 Canada	467	(a) M.	55-58 —	.50-1.22- —
1880 N. Y	7	15 F.	(a)	.67-1.00- .85	1886 Kans.	240	1 M.	60-60-60	2.00-2.00-2.00
1880 Pa.	7	49 F.	(a)	.58- .83- .72	1886 Md.	3	2 F.	54-54-54	.75-1.08- .92
1881 N. J	320	1 M.	(a)	c .38- .38- .38	1886 Mich	7	4 M.	60-72-63	.75-2.50-1.38
1881 Va	7	3 M.	(a)	1.00-1.00-1.00	1886 Mich	7	28 F.	60-60-60	.43- .60- .54
1882 Ga	7	4 F.	(a)	.50- .50- .50	1886 W. Va	7	1 F.	(a)	.50- .50- .50
1882 W. Va	7	8 F.	59-59-59	.50- .50- .50	1886 Canada	468	(a) M.	58-60 —	.47-1.10- —
1884 Mich	278	11 M.	(a)	.86-2.88-1.60	1886 Canada	468	(a) F.	50-60 —	.42- .88- —
1884 N. J.	323	2 M.	48-48-48	2.00-2.00-2.00	1886 C. of G'd H.	483	(a) (a)	(a)	.81- .81- .81
1884 W. Va	7	5 F.	60-60-60	.58- .58- .58	1886 Ireland	575	(a) M.	56-56-56	.89- .89- .89
1884 Canada	178	(a) (a)	60-60-60	1.00-1.50- —	1887 Mass	3	3 F.	d 52-53-52	.50-1.00- .67
1884 Canada	466	(a) M.	60-60-60	.51-1.19- —	1887 Ohio	369	72 M.	60-60-60	.50-2.00-1.25
1884 Ecuador	178	(a) M.	60-60-60	1.00-1.67- —	1887 Ohio	369	24 F.	60-60-60	.75- .75- .75
1884 Italy	178	(a) M.	(a)	.50- .70- —	1887 Wis	409	170 (a)	(a)	.67- .67- .67
1885 Ga	7	2 F.	66-66-66	.50- .50- .50	1887 Canada	469	(a) M.	60-60-60	.92-1.28- —
1885 Ill.	1	16 M.	72-72-72	1.25-1.72-1.43	1887 Ireland	575	(a) M.	56-56-56	.89- .89- .89
1885 Ill.	7	12 M.	55-55-55	.67-1.67- .92	1888 Ga	3	1 F.	60-60-60	.83- .83- .83

a Not reported.
b Not including hours of 109 persons not reported.
c And board.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOTTLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Ind	3	3	F.	60-60-60	0.60-0.75-0.70
1888 N. J	326	4	M.	a60-60-60	1.67-2.00-1.75
1888 N. Y	331	124	M.	b45-72-58	.50-2.50-1.54
1888 N. Y	331	85	F.	52-58-57	.69- .94- .87
1888 Canada	470	(c)	M.	60-60-60	.39-1.20- —
1888 Canada	470	(c)	F.	56-59 —	.38- .93- —
1888 Ireland	575	(c)	M.	56-56-56	.89- .89- .89
1889 Canada	471	(c)	M.	60-60-60	1.00-1.13- —
1889 Ireland	575	(c)	M.	56-56-56	.89- .89- .89
1890 Nebr	313	1	M.	(c)	2.00-2.00-2.00
1890 N. Y	333	65	M.	(c)	.58-2.50-1.17
1890 N. Y	333	10	F.	(c)	.67-1.17- .97
1890 Australia	423	(c)	(c)	60-60-60	1.22-1.62- —
1891 Mich	283	88	F.	(c)	.39- .60- .51
1891 Mo	300	247	M.	(c)	.42-2.71- .97
1891 N. Y	333	82	M.	(c)	.58-2.50-1.17
1891 N. Y	333	17	F.	(c)	.67-1.33-1.02
1891 France	505	(c)	M.	(c)	.77-1.40- —
1892 Cal	196	5	M.	54-54-54	1.17-1.83-1.43
1892 Me	258	7	F.	60-60-60	.50-1.17- .76
1892 Australia	424	(c)	M.	(c)	.56-2.03- —
1892 C. of G'd H	486	(c)	M.	(c)	.73-1.82- —
1892 C. of G'd H	486	(c)	M.	(c)	d1.31-1.31-1.31
1892 France	505	(c)	M.	e84-84-84	.53-1.16- —
1892 France	505	(c)	F.	63-63-63	.39- .48- —
1892 Russia	692	(c)	(c)	(c)	.22- .60- —
1893 Md	10	21	M.	60-78-62	.67-2.50-1.40
1893 Mont	307	12	M.	48-60-54	1.15-3.83-2.88
1893 N. Y	10	3	M.	59-60-60	1.17-2.00-1.61
1893 Ohio	374	80	M.	f48-60-60	1.00-2.00-1.40
1893 Pa	10	6	M.	55-72-61	.67-2.00-1.22
1893 England	632	(c)	F.	(c)	.32- .32- .32
1893 France	507	(c)	(c)	60-60-60	.77- .77- .77
1893 Wales	632	(c)	F.	56-56-56	.36- .45- —
1894 Iowa	236	2	M.	48-60-54	2.50-2.50-2.50
1894 Iowa	236	1	F.	60-60-60	.75- .75- .75
1894 N. Y	8	2	M.	60-60-60	1.67-1.67-1.67
1894 Ohio	375	97	M.	f48-72-60	.75-2.16-1.34
1894 Ohio	375	7	F.	48-60-55	.65-1.00- .90
1894 W. Va	406	2	M.	60-60-60	1.00-1.30-1.15
1894 Australia	425	(c)	(c)	(c)	.41-2.13- —
1894 C. of G'd H	487	(c)	M.	g54-54-54	0.97-1.82- —
1895 Ga	7	5	F.	48-48-48	.50- .50- .50
1895 Ill	7	29	M.	55-55-55	.58-1.67- .75
1895 Ill	7	6	F.	55-55-55	.67- .67- .67
1895 Mass	7	23	M.	58-58-58	.50-2.00-1.32
1895 N. J	7	4	M.	53-55-54	.50-1.42-1.19
1895 N. J	7	10	F.	55-55-55	.42- .88- .62
1895 N. Y	7	29	M.	56-57-57	.67-2.08-1.55
1895 N. Y	7	77	F.	51-59-55	.58-1.67- .96
1895 Ohio	376	214	M.	h48-72-60	.60-2.83-1.33
1895 Ohio	376	44	F.	54-60-59	.50-1.00- .57
1895 Pa	8	1	F.	60-60-60	1.00-1.00-1.00
1895 Va	7	5	M.	48-48-48	1.42-1.42-1.42
1895 W. Va	7	7	F.	59-59-59	.50- .67- .56
1895 Australia	426	(c)	(c)	(c)	.41-2.13- —
1896 Colo	200	2	M.	48-60-54	2.50-3.12-2.81
1896 Ga	7	12	F.	51-60-57	.50- .75- .54
1896 Mich	7	3	M.	54-54-54	1.00-1.00-1.00
1896 Mich	7	39	F.	54-60-57	.37-1.02- .66
1896 Mo	305	952	M.	48-72-60	.50-2.00-1.35
1896 Mo	305	36	F.	48-60-58	.65-1.01- .80
1896 Nebr	314	1	M.	(c)	1.73-1.73-1.73
1896 Nebr	314	6	(c)	f48-60-58	1.50-1.78-1.59
1896 Ohio	377	283	M.	i54-63-58	1.00-2.16-1.50
1896 Ohio	377	31	F.	42-60-59	.50-1.00- .58
1896 Pa	7	74	F.	54-54-54	.42-1.00- .69
1896 W. Va	7	9	F.	60-60-60	.33- .67- .61
1896 Wis	7	46	M.	60-60-60	.50- .50- .50
1896 Australia	427	(c)	(c)	(c)	.41-2.13- —
1897 Kans	251	2	M.	60-63-62	1.00-1.99-1.50
1897 Va	404	18	M.	51-72-61	.58-1.65-1.12
1897 Va	404	2	F.	60-60-60	.75- .75- .75
1897 Australia	428	(c)	F.	(c)	.16- .61- —
1897 Australia	428	(c)	(c)	(c)	.41-2.03- —
1897 France	511	(c)	F.	(c)	.34- .34- .34
1897 Ireland	587	(c)	M.	(c)	.73-1.05- —
1898 Australia	429	(c)	F.	(c)	.16- .61- —
1898 Australia	429	(c)	(c)	(c)	.41-2.03- —
1898 Germany	151	(c)	(c)	(c)	.36- .48- —
1899 Pa	18	21	M.	60-60-60	.75-3.83-1.60
1900 Pa	18	14	M.	60-60-60	.75-3.83-1.79

BOTTLE WASHERS.

1856 Pa	190	1	M.	60-60-60	1.17-1.17-1.17
1857 Pa	190	1	M.	60-60-60	1.17-1.17-1.17
1858 Pa	190	1	M.	60-60-60	1.17-1.17-1.17
1859 Pa	190	1	M.	60-60-60	1.17-1.17-1.17
1860 Pa	190	1	M.	60-60-60	1.17-1.17-1.17
1869 Pa	190	2	M.	60-60-60	1.67-1.67-1.67
1870 Pa	190	3	M.	60-60-60	1.67-1.67-1.67
1871 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1872 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1873 Pa	190	2	M.	60-60-60	1.67-1.67-1.67
1876 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1877 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1878 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1879 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1880 N. Y	7	1	F.	56-56-56	.83- .83- .83
1880 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1881 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1882 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1882 R. I	7	2	M.	60-60-60	1.81-2.25-2.03
1883 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1884 Mich	278	1	M.	(c)	1.50-1.50-1.50
1884 N. J	323	8	M.	48-60-56	.67-1.50- .77
1884 Pa	190	1	M.	60-60-60	1.67-1.67-1.67
1884 France	178	(c)	M.	(c)	.92-2.22- —
1885 Ill	7	4	M.	55-55-55	.75- .75- .75
1885 N. J	7	1	F.	60-60-60	.75- .75- .75
1885 N. Y	330	1	F.	54-54-54	1.00-1.00-1.00
1885 Ohio	1	2	M.	54-54-54	1.00-1.00-1.00
1885 W. Va	1	1	F.	60-60-60	.50- .50- .50
1885 Wis	7	73	F.	60-60-60	.70- .80- .76
1886 Ill	7	2	F.	(c)	.58- .58- .58
1886 Mich	7	8	F.	72-72-72	.58- .67- .63
1887 N. Y	3	2	F.	43-63-53	.40- .58- .49
1887 Ohio	369	93	M.	60-60-60	.70-4.00-2.79
1887 Ohio	369	30	F.	60-60-60	.75- .75- .75
1887 Wis	409	18	(c)	(c)	.97-1.35-1.12
1888 N. J	326	3	F.	(c)	1.00-1.00-1.00
1888 N. Y	331	64	M.	a54-70-60	.50-1.83-1.45
1890 N. Y	333	22	M.	(c)	.39-1.67-1.17
1890 N. Y	333	15	F.	(c)	1.00-1.00-1.00
1890 Ohio	6	7	M.	(c)	.60- .75- .67
1891 Mich	283	26	F.	(c)	.50- .79- .58
1891 N. Y	333	25	M.	(c)	.46-1.67-1.29
1891 N. Y	333	18	F.	(c)	1.00-1.00-1.00

a Not including hours of 3 persons not reported.
b Not including hours of 7 persons not reported.
c Not reported.
d And board.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 1 person not reported.
g Applies to but 1 of the 4 wage quotations.
h Not including hours of 56 persons not reported.
i Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOTTLE WASHERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Ill.	210	19 F.	40-40-40	0.89-1.20-1.01	1895 Ohio	376	31 M.	c48-60-56	0.60-1.50-1.09
1892 Australia	424	(a) (a)	(a)	.41-1.62- —	1895 Ohio	376	3 F.	60-60-60	.40- .40- .40
1892 C. of G'd H.	486	(a) M.	(a)	.36- .81- —	1895 R. I	7	2 M.	60-60-60	1.33-1.33-1.33
1892 France	505	(a) M.	57-66 —	.68-1.01- —	1895 Australia	426	(a) (a)	(a)	.41-1.42- —
1892 France	505	(a) M.	60-60-60	b.82-1.54- —	1896 Colo	200	1 M.	48-48-48	.42- .42- .42
1892 France	505	(a) F.	57-60 —	.29- .43- —	1896 Ill.	7	2 F.	54-54-54	.58- .58- .58
1892 France	505	(a) F.	60-60-60	b.48- .48- .48	1896 Mich	7	5 F.	60-60-60	.42- .42- .42
1893 Ohio	374	12 M.	54-60-59	1.15-1.50-1.34	1896 Nebr	314	8 (a)	d48-60-58	.75-1.50-1.20
1893 Wales	632	(a) F.	56-56-56	.24- .32- —	1896 Ohio	377	26 M.	48-60-57	.75-1.20-1.01
1894 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50	1896 Ohio	377	1 F.	60-60-60	.50- .50- .50
1894 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00	1896 Pa.	7	1 F.	60-60-60	.67- .67- .67
1894 Ohio	375	28 M.	45-60-58	.50-1.60-1.15	1896 Wis	7	133 F.	60-60-60	.70- .80- .76
1894 Ohio	375	3 F.	60-60-60	.75- .75- .75	1896 Australia	427	(a) (a)	(a)	.41-1.42- —
1894 Australia	425	(a) (a)	(a)	.41-1.42- —	1897 Nebr	314	2 M.	d60-60-60	.50-1.50-1.00
1894 C. of G'd H.	487	(a) M.	(a)	.81- .81- .81	1897 Australia	428	(a) M.	(a)	.24- .41- —
1895 Ill.	7	6 M.	55-55-55	.67- .67- .67	1897 Australia	428	(a) (a)	(a)	.51-1.42- —
1895 N. J	7	1 F.	55-55-55	.75- .75- .75	1898 Australia	429	(a) M.	(a)	.24- .41- —
1895 N. Y.	7	1 F.	52-52-52	.83- .83- .83	1898 Australia	429	(a) (a)	(a)	.51-1.42- —

BOTTOM BUILDERS' HELPERS, IRON AND STEEL.

1887 Pa	390	3 M.	(a)	2.27-2.77-2.44	1889 W. Va	5	3 M.	(a)	1.81-3.89-3.19
1888 W. Va	5	2 M.	66-66-66	2.29-2.29-2.29	1889 Belgium	5	(a) M.	(a)	.25- .65- —
1889 Ohio	5	4 M.	66-66-66	1.25-1.25-1.25	1889 France	5	(a) M.	(a)	.84- .84- .84

BOTTOM BUILDERS, IRON AND STEEL.

1885 Ohio	1	1 M.	60-60-60	2.75-2.75-2.75	1889 W. Va	5	2 M.	(a)	4.86-4.93-4.89
1885 Pa	1	18 M.	72-72-72	3.40-3.40-3.40	1889 Belgium	5	(a) M.	(a)	.47-1.00- —
1887 Pa	390	12 M.	(a)	1.80-3.41-2.63	1889 England	5	(a) M.	66-66-66	.55- .55- .55
1888 England	5	(a) M.	(a)	.99- .99- .99	1889 France	5	(a) M.	(a)	.63-1.33- —
1889 N. Y.	5	11 M.	d72-72-72	1.35-1.90-1.51	1889 Germany	5	(a) M.	(a)	.35- .58- —
1889 Ohio	5	11 M.	e60-66-62	1.35-3.28-2.41					

BOTTOMERS, BOOTS AND SHOES.

1875 Mass	270	14 M.	(a)	2.00-2.43-2.12	1886 N. Y.	2	200 (a)	60-60-60	1.48-1.54-1.51
1879 Pa	384	16 M.	60-60-60	1.75-1.75-1.75	1886 N. Y.	7	48 M.	56-60-56	1.17-2.70-1.77
1881 Ohio	2	30 (a)	60-60-60	1.86-1.86-1.86	1887 Conn.	202	54 M.	(a)	.67-2.08-2.00
1881 Wis	2	15 (a)	59-59-59	2.00-2.00-2.00	1887 Wis	409	41 (a)	(a)	2.04-2.04-2.04
1882 Mass	2	70 M.	60-60-60	2.00-2.04-2.02	1888 N. Y.	331	148 M.	f53-61-59	.40-2.50-1.93
1882 N. J	321	39 M.	(a)	3.00-3.00-3.00	1888 Canada	470	(a) M.	58-58-58	1.53-1.53-1.53
1882 N. Y.	7	8 M.	60-60-60	.67-2.33-1.44	1889 Canada	471	(a) M.	51-51-51	1.63-1.63-1.63
1882 Ohio	364	8 (a)	(a)	1.65-2.25-1.88	1890 N. Y.	333	611 M.	(a)	.33-5.83-1.93
1883 N. J	322	40 M.	60-60-60	(a) -3.33-3.00	1891 Me	257	42 (a)	(a)	1.84-1.84-1.84
1884 Md.	2	84 (a)	60-60-60	1.33-1.50-1.42	1891 N. Y.	333	1000 M.	(a)	.33-5.83-1.61
1884 N. J	323	40 M.	60-60-60	2.33-3.00-2.67	1892 Cal.	196	1 M.	60-60-60	2.40-2.40-2.40
1884 Canada	466	(a) M.	59-59-59	1.79-1.79-1.79	1893 Ohio	374	153 M.	54-60-59	1.35-1.75-1.50
1885 Ky	1	20 M.	60-60-60	2.50-2.50-2.50	1894 Ohio	375	647 M.	48-60-59	.50-2.60-1.78
1885 Me	7	33 M.	60-60-60	.83-3.33-2.22	1894 Ohio	375	2 F.	60-60-60	1.00-1.00-1.00
1885 Md.	1	34 M.	60-60-60	1.50-1.92-1.67	1895 Me	7	26 M.	60-60-60	.83-3.33-2.34
1885 Mass	1	164 M.	60-60-60	2.12-2.50-2.28	1895 Mass	7	12 M.	56-56-56	.98-3.20-2.07
1885 Mass	2	87 (a)	59-59-59	2.25-3.50-3.33	1895 Mo	304	153 M.	(a)	.33-3.83-1.67
1885 Mass	7	25 M.	59-59-59	1.00-4.55-2.43	1895 N. J	7	2 M.	60-60-60	1.83-1.92-1.88
1885 Mass	7	25 M.	59-59-59	1.00-4.55-2.43	1895 N. Y.	7	97 M.	50-60-53	.42-4.40-2.29
1885 N. Y.	1	213 M.	60-60-60	1.83-2.08-1.95	1895 Ohio	376	783 M.	g42-60-59	1.00-3.00-1.72
1885 N. Y.	7	76 M.	53-53-53	1.43-4.22-2.32	1895 Ohio	376	20 F.	(a)	.35- .35- .35
1885 Ohio	1	225 M.	60-60-60	2.17-2.50-2.43	1895 Aust-Hur.	435	(a) (a)	60-60-60	.54- .88- —
1885 Canada	467	(a) M.	59-59-59	1.54-1.64- —	1896 N. Y.	7	72 M.	56-60-58	.77-2.84-1.58
1886 Conn.	2	40 (a)	60-60-60	1.75-2.00-1.88	1896 Ohio	377	949 M.	58-60-59	1.35-1.95-1.69
1886 Mass	2	182 M.	60-60-60	1.62-2.00-1.84					

a Not reported.
b And *gratifications*.
c Not including hours of 8 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 4 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 34 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOTTOMERS, MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Scotland ..	178	(a) M.	54-54-54	0.77-0.91- —	1889 Canada ...	5	(a) M.	(a)	0.80-1.25- —
1886 Scotland ..	602	(a) M.	(a)	.99- .99- .99					

BOTTOM FILLERS, BOOTS AND SHOES.

1891 Me	257	2	(a)	(a)	1.39-1.39-1.39	1895 Mass	8	6	M.	b 60-60-60	1.50-3.00-2.08
1895 Mass	7	3	M.	58-58-58	.88- .98- .92						

BOTTOM MAKERS, PIANOS.

1873 Switzerl'd.	714	(a)	(a)	60-60-60	.97-1.13- —	1887 Germany .	557	(a)	(a)	57-57-57	1.07-1.31- —
1885 Germany .	547	(a)	(a)	(a)	1.07-1.31- —	1888 Germany .	558	(a)	(a)	57-57-57	1.07-1.31- —
1886 Germany .	548	(a)	(a)	(a)	1.07-1.31- —						

BOTTOM STAINERS, BOOTS AND SHOES.

1881 Mass	7	2	M.	60-60-60	1.79-2.35-2.07	1891 N. Y.....	333	1	M.	(a)	.79- .79- .79
1885 Mass	1	1	M.	60-60-60	2.00-2.00-2.00	1894 N. Y.....	8	2	M.	60-60-60	.75-1.00- .88
1886 N. J	325	9	M.	60-60-60	1.00-2.83-2.07	1895 Mass	7	1	M.	58-58-58	1.13-1.13-1.13
1890 N. Y.....	333	1	M.	(a)	.79- .79- .79	1895 Mass	8	14	M.	60-60-60	1.50-2.75-2.11
1891 Me.....	257	1	(a)	(a)	1.71-1.71-1.71						

BOUNDARY RIDERS, STOCK RAISING.

1875 Australia..	170	(a)	M.	(a)	c .55- .55- .55	1892 Australia..	181	(a)	M.	(a)	.93- .93- .93
1876 Australia..	171	(a)	M.	(a)	.57- .57- .57	1892 Australia..	424	(a)	M.	(a)	e .52- .52- .52
1876 Australia..	171	(a)	M.	(a)	d .53- .69- —	1894 Australia..	425	(a)	(a)	(a)	e .52- .70- —
1878 Australia..	172	(a)	M.	(a)	.58- .58- .58	1895 Australia..	426	(a)	(a)	(a)	e .52- .70- —
1881 Australia..	431	(a)	(a)	(a)	e .53- .69- —	1896 Australia..	184	(a)	M.	(a)	c .53- .80- —
1884 Australia..	178	(a)	(a)	(a)	c .53- .80- —	1896 Australia..	427	(a)	(a)	(a)	e .52- .61- —
1885 Australia..	175	(a)	M.	(a)	c .53- .80- —	1897 Australia..	418	(a)	(a)	(a)	.52- .70- —
1885 Australia..	431	(a)	(a)	(a)	e .53- .69- —	1897 Australia..	418	(a)	(a)	(a)	c .70- .70- .70
1886 Australia..	184	(a)	M.	(a)	c .53- .80- —	1897 Australia..	428	(a)	(a)	(a)	e .52- .61- —
1887 Australia..	420	(a)	(a)	(a)	d .53- .69- —	1898 Australia..	419	(a)	(a)	(a)	.52- .70- —
1888 Australia..	421	(a)	M.	(a)	d .53- .69- —	1898 Australia..	419	(a)	(a)	(a)	c .52- .87- —
1889 Australia..	422	(a)	(a)	(a)	e .53- .67- —	1898 Australia..	429	(a)	(a)	(a)	e .52- .61- —
1890 Australia..	423	(a)	(a)	(a)	e .53- .67- —						

BOX FILLERS, COOPERAGE.

1893 Ohio	374	1	M.	60-60-60	1.50-1.50-1.50	1895 N. Y.....	8	2	M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	10	M.	f 60-60-60	1.00-1.15-1.12	1895 Ohio	376	5	M.	60-60-60	1.15-1.15-1.15

a Not reported.
b Not including hours of 4 persons not reported.
c And rations.
d And board.
e And board and lodging.
f Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOX MAKERS, CIGAR.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Mo	7	4	M.	(a)	0.83-1.00-0.92
1880 Pa	7	2	M.	60-60-60	.67- .67- .67
1882 Mo	294	3	M.	60-60-60	1.16-2.50-1.83
1882 Ohio	7	4	M.	60-60-60	.83-1.00- .92
1882 Pa	7	3	M.	(a)	.83- .83- .83
1882 W. Va	7	1	M.	59-59-59	1.50-1.50-1.50
1883 N. Y	2	1019	(a)	60-60-60	1.45-1.45-1.45
1885 Mich	7	12	M.	60-60-60	.53- .71- .61
1885 N. J	7	1	M.	60-60-60	1.00-1.00-1.00
1885 N. Y	7	3	M.	58-58-58	1.00-2.02-1.60
1885 Ohio	7	2	M.	(a)	1.00-1.00-1.00
1885 Wis	7	6	M.	60-60-60	.50- .50- .50
1886 Cal	193	20	M.	60-60-60	2.50-2.50-2.50
1886 Ill	7	13	M.	60-60-60	.83-2.50-1.62
1886 Ky	7	3	M.	(a)	.50- .58- .56
1886 Mich	7	7	M.	60-60-60	.58- .75- .67
1886 Mo	3	9	F.	57-60-59	.50-1.17- .81
1886 N. J	3	11	F.	53-53-53	.42- .83- .73
1886 N. Y	7	1	M.	60-60-60	1.25-1.25-1.25
1887 Cal	3	11	F.	54-54-54	.83-1.50-1.03
1887 Ill	3	3	F.	54-54-54	.50- .92- .72
1887 Ky	3	1	F.	54-54-54	.28- .28- .28
1887 Mass	3	1	F.	53-53-53	.75- .75- .75
1887 N. Y	3	12	F.	b48-60-57	.39-1.67-1.04
1887 Ohio	369	18	M.	60-60-60	.50-1.75- .96
1887 Ohio	369	12	F.	60-60-60	.50- .90- .72
1887 Wis	409	9	(a)	(a)	.74- .74- .74
1888 Cal	194	18	F.	54-55-54	.83-1.58-1.01
1888 N. Y	331	23	M.	c58-60-59	.50-3.33-1.15
1888 N. Y	331	5	F.	d59-59-59	.83-1.67-1.10
1890 N. Y	333	278	M.	(a)	.46-2.00-1.05
1890 N. Y	333	1	F.	(a)	.75- .75- .75
1891 Mich	283	10	F.	(a)	.43- .43- .43
1891 N. Y	333	282	M.	(a)	0.38-2.00-1.09
1891 N. Y	333	4	F.	(a)	.42- .50- .46
1891 Ohio	372	7	M.	60-60-60	1.00-2.00-1.71
1892 Cal	196	9	M.	54-60-59	1.00-3.00-1.77
1892 Cal	196	13	F.	54-60-60	.33-1.50- .85
1892 Australia	424	(a)	M.	(a)	1.95-2.84- —
1892 C. of G'd H	486	(a)	M.	(a)	.41- .61- —
1893 Ill	10	1	F.	59-59-59	1.17-1.17-1.17
1893 N. J	327	6	F.	55-55-55	.75- .83- .78
1893 Ohio	374	8	M.	54-60-59	1.25-1.50-1.44
1893 Ohio	374	2	F.	57-57-57	.82- .82- .82
1894 Ohio	374	1	M.	(a)	.83- .83- .83
1895 Mo	7	6	M.	60-60-60	.67-1.08- .89
1895 N. J	7	1	M.	50-50-50	1.00-1.00-1.00
1895 N. J	7	1	F.	54-54-54	1.04-1.04-1.04
1895 Ohio	376	5	M.	(a)	1.00-1.00-1.00
1895 Ohio	376	4	F.	(a)	.90- .90- .90
1895 N. Y	8	10	M.	60-60-60	.66-1.50- .86
1895 Pa	8	4	M.	60-60-60	.50-1.75- .85
1896 Ill	7	14	M.	48-54-51	.83-2.50-1.60
1896 Ky	7	5	M.	60-60-60	.50- .60- .55
1896 Mich	7	28	M.	48-60-50	.50- .71- .61
1896 N. Y	7	4	M.	58-60-59	.67-1.95-1.36
1896 Ohio	7	8	M.	48-60-51	.75-1.00- .92
1896 Ohio	377	30	M.	60-60-60	1.10-1.10-1.10
1896 Pa	7	13	M.	52-60-56	.83-2.50-1.37
1896 W. Va	7	1	M.	59-59-59	1.50-1.50-1.50
1896 Wis	7	15	F.	48-48-48	.42- .52- .47
1899 Mass	18	6	M.	58-58-58	.83-3.00-1.67
1899 N. Y	18	30	M.	59-60-59	2.00-2.33-2.14
1900 Mass	18	6	M.	58-58-58	.83-3.00-1.67
1900 N. Y	18	30	M.	59-60-59	2.00-2.33-2.17

BOX MAKERS' HELPERS, CIGAR.

1886	Ill	7	8	M.	60-60-60	.50- .83- .71	1896	Ill	7	10	M.	54-54-54	.50- .83- .57

BOX MAKERS' HELPERS, PAPER.

1885	Ill	7	7	M.	(a)	.83- .83- .83	1895	N. J	7	1	M.	48-48-48	.61- .61- .61
1885	N. J	7	1	M.	(a)	1.00-1.00-1.00	1895	N. Y	7	12	M.	59-59-59	.33- .42- .40
1885	N. Y	7	5	M.	59-59-59	.42- .42- .42	1895	N. Y	8	1	F.	60-60-60	.33- .33- .33
1885	N. Y	7	2	F.	59-59-59	.33- .42- .38	1896	Ill	7	8	M.	54-54-54	.83- .83- .83
1887	Ill	3	2	F.	52-52-52	.33- .38- .36	1896	Ohio	377	24	F.	60-60-60	.42- .42- .42
1893	Ohio	374	1	M.	60-60-60	.50- .50- .50	1896	Wis	7	2	M.	60-60-60	.70- .70- .70

BOX MAKERS' HELPERS, WOOD.

1885	N. C	1	5	M.	60-60-60	.67- .67- .67	1891	N. Y	333	3	M.	(a)	1.25-1.50-1.33
1886	Pa	7	1	M.	48-48-48	1.67-1.67-1.67	1892	Ohio	373	1	(a)	60-60-60	2.00-2.00-2.00
1888	N. Y	331	8	M.	(a)	.50- .50- .50	1893	Ohio	374	1	M.	(a)	1.50-1.50-1.50
1889	N. Y	6	2	M.	(a)	.67- .84- .76	1895	N. J	8	3	M.	59-59-59	.58- .58- .58
1890	Md	6	1	M.	48-48-48	.67- .67- .67	1895	N. Y	8	1	M.	60-60-60	1.00-1.00-1.00
1890	N. J	6	2	M.	d60-60-60	.59-1.00- .80	1895	Ohio	376	7	M.	54-60-57	.50- .75- .61
1890	N. Y	333	3	M.	(a)	1.25-1.50-1.33	1896	Ohio	377	4	M.	60-60-60	.50- .50- .50
1890	Ohio	6	4	M.	e60-60-60	.67-1.00- .77							

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOX MAKERS, PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1854 Belgium	185	(a) M.	(a)	0.24-0.24-0.24
1858 N. Y.	8	2 F.	60-60-60	.50- .75- .63
1858 Pa	8	6 F.	60-60-60	.50- .75- .71
1860 Pa	8	2 F.	60-60-60	.75- .75- .75
1866 England	566	(a) M.	(a)	.28- .28- .28
1866 England	566	(a) F.	(a)	.28- .28- .28
1867 N. Y.	8	9 F.	60-60-60	.83- .83- .83
1868 N. Y.	8	2 M.	60-60-60	1.00-1.00-1.00
1868 N. Y.	8	8 F.	54-54-54	.83-1.17-1.04
1870 Germany	185	(a) M.	(a)	.42- .72- —
1870 Germany	185	(a) F.	(a)	.20- .30- —
1870 Germany	185	(a) (a)	(a)	.06- .06½- —
1871 Mass	267	66 (a)	60-60-60	.25-1.33- .60
1874 Mass	7	19 F.	60-60-60	.83-1.33-1.03
1880 Ga	7	10 F.	60-60-60	.50- .50- .50
1880 Ky	7	14 F.	60-60-60	.53-1.12- .85
1880 Md	7	18 F.	(a)	.42-1.17- .68
1880 N. Y.	7	8 F.	56-56-56	.50-1.50- .98
1880 Pa	7	44 F.	b60-60-60	.42- .83- .70
1881 N. Y.	3	1 F.	(a)	.42- .42- .42
1882 Conn	7	71 F.	(a)	.33-1.83- .89
1882 Ill.	206	1 F.	60-60-60	.75- .75- .75
1882 Mo	7	4 F.	(a)	.54- .83- .72
1882 N. J	7	3 F.	(a)	.75- .75- .75
1882 N. J	321	3 F.	(a)	.83- .83- .83
1882 N. C	7	3 M.	60-60-60	.75- .75- .75
1882 Ohio	364	43 M.	54-60-58	.50-1.67- .97
1882 Ohio	364	118 F.	54-60-58	.37- .83- .67
1882 W. Va	7	5 F.	59-59-59	.58- .58- .58
1883 Mass	273	6 M.	(a)	.95- .95- .95
1883 Mass	273	18 F.	(a)	.91-1.50-1.00
1883 N. J	322	1 (a)	(a)	1.75-1.75-1.75
1883 Gr't Brit	273	(a) F.	(a)	.69- .69- .69
1884 Mich	278	10 F.	(a)	1.00-1.00-1.00
1884 N. J	7	2 M.	(a)	1.17-1.17-1.17
1884 N. J	7	19 F.	(a)	.89-1.33-1.20
1884 N. J	323	3 M.	60-60-60	1.92-1.92-1.92
1884 N. J	323	11 F.	60-60-60	.50-1.00- .95
1884 Ohio	7	9 F.	(a)	.49- .78- .61
1884 Pa	7	19 F.	(a)	.33-1.50- .70
1884 Va	7	6 F.	59-59-59	.75- .83- .80
1884 W. Va	7	2 F.	54-54-54	.42- .42- .42
1884 France	178	(a) M.	(a)	.97- .97- .97
1884 France	178	(a) F.	(a)	.39- .39- .39
1884 France	178	(a) (a)	(a)	.19- .19- .19
1885 Ga	7	8 F.	(a)	.67- .75- .72
1885 Ill.	7	7 M.	(a)	2.00-2.00-2.00
1885 Ill.	7	40 F.	(a)	.62- .98- .79
1885 Iowa	7	3 F.	60-60-60	.58- .83- .69
1885 La	7	10 F.	(a)	.65-1.08- .87
1885 Md	7	63 F.	60-60-60	.50-1.71-1.09
1885 Mass	7	2 M.	60-60-60	1.33-2.17-1.75
1885 Mass	7	150 F.	c50-60-50	.38-1.67- .88
1885 N. H	7	5 F.	(a)	.87-1.41-1.20
1885 N. J	7	6 M.	d59-60-60	1.00-1.75-1.40
1885 N. J	7	136 F.	e59-60-59	.40-1.33- .79
1885 N. Y.	7	8 M.	f59-60-59	1.00-1.67-1.31
1885 N. Y.	7	164 F.	g57-59-59	.33-2.13- .88
1885 N. Y.	330	309 F.	h54-66-59	.67-1.33- .93
1885 N. C	1	6 M.	60-60-60	1.00-1.00-1.00
1885 Ohio	7	38 F.	59-59-59	.46- .86- .64
1885 Vt.	7	3 F.	64-64-64	.53-2.09-1.40
1885 Va	1	3 M.	60-60-60	.83- .83- .83
1885 Va	1	332 F.	60-60-60	.63-1.00- .68
1885 Canada	467	(a) F.	57-57-57	.63- .63- .63
1886 Cal	193	22 F.	57-57-57	0.83-0.83-0.83
1886 Md	3	45 F.	d50-60-55	.23-1.00- .58
1886 Md	7	12 F.	48-48-48	.42-1.38- .77
1886 Mich	7	2 M.	48-60-54	1.25-1.50-1.38
1886 Mich	7	91 F.	60-60-60	.38- .86- .64
1886 Minn	7	5 F.	60-60-60	.33- .42- .38
1886 Mo	3	27 F.	d53-62-57	.17-1.33- .65
1886 N. J	3	43 F.	d53-59-58	.42-1.33- .85
1886 N. J	325	2 M.	60-60-60	1.25-1.25-1.25
1886 N. J	325	15 F.	60-60-60	1.00-1.00-1.00
1886 N. Y.	2	65 (a)	54-54-54	1.33-1.33-1.33
1886 N. Y.	3	13 F.	i53-60-55	.58-1.25- .85
1886 N. Y.	7	33 F.	f60-60-60	.50-1.25- .58
1886 Pa	3	21 F.	49-59-56	.45-1.17- .77
1886 R. I	3	25 F.	d52-65-57	.42-1.17- .82
1886 Germany	548	(a) F.	(a)	.28- .40- —
1886 Gr't Brit	601	(a) F.	57-57-57	.60- .60- .60
1887 Cal	3	11 F.	55-55-55	.58-1.67-1.23
1887 Ill.	3	79 F.	43-60-54	.15-1.67- .84
1887 Ky	3	13 F.	f54-55-54	.35-1.25- .71
1887 La	3	16 F.	60-68-62	.25- .83- .48
1887 Mass	3	52 F.	i 47-59-54	.50-1.67-1.02
1887 Minn	3	10 F.	57-59-58	.36-1.00- .68
1887 N. Y.	3	210 F.	j 40-61-54	.25-1.53- .79
1887 Ohio	3	71 F.	48-59-53	.25-1.33- .73
1887 Ohio	369	12 F.	60-60-60	.85- .85- .85
1887 Pa	3	10 F.	51-58-55	.46-1.00- .69
1887 Wis	409	35 (a)	(a)	.97- .97- .97
1888 Cal	194	11 F.	56-56-56	.58-1.67-1.23
1888 Ga	3	17 F.	48-60-52	.25- .83- .50
1888 Ind	3	11 F.	d51-60-55	.38-1.00- .70
1888 Me	254	2 F.	51-54-53	1.25-1.50-1.38
1888 N. J	326	15 F.	k57-57-57	1.00-1.00-1.00
1888 N. Y.	331	185 M.	l56-60-59	.61-2.50-1.14
1888 N. Y.	331	201 F.	n53-60-58	.53-1.50-1.12
1888 Va	3	36 F.	49-60-57	.21-1.08- .66
1888 Canada	470	(a) M.	57-57-57	1.06-1.06-1.06
1888 Canada	470	(a) F.	51-51-51	.68- .68- .68
1888 Germany	558	(a) F.	60-60-60	.28- .40- —
1889 R. I	398	10 F.	60-60-60	1.00-2.50-1.66
1889 Canada	471	(a) F.	54-59 —	.43- .75- —
1889 Portugal	691	(a) (a)	(a)	.43- .65- —
1890 Mich	282	1 M.	60-60-60	.75- .75- .75
1890 N. Y.	333	788 M.	(a)	.25-3.00-1.20
1890 N. Y.	333	236 F.	(a)	.29-1.67- .86
1891 Mich	283	297 F.	(a)	.42-1.04- .57
1891 N. Y.	333	691 M.	(a)	.25-3.00-1.21
1891 N. Y.	333	355 F.	(a)	.29-1.67- .94
1891 Ohio	372	20 M.	54-60-59	.50-1.53- .76
1891 Ohio	372	204 F.	54-60-57	.40- .80- .65
1891 Belgium	457	(a) M.	66-66-66	.09½-.77- —
1891 Italy	638	(a) F.	54-54-54	.14- .29- —
1892 Ill.	210	160 F.	47-57-49	.38-1.50- .83
1892 Me	258	36 F.	60-60-60	.50-1.67- .81
1892 France	505	(a) M.	72-72-72	.09½-.09½-.09½
1892 France	505	(a) F.	72-72-72	.09½- .19- —
1893 Ill.	10	1 M.	48-48-48	2.50-2.50-2.50
1893 Ill.	10	5 F.	60-60-60	.50-1.50- .83
1893 Md	10	3 F.	48-60-56	.33- .58- .47
1893 N. J	327	83 F.	o50-53-50	.33-1.80-1.01
1893 N. Y.	10	11 M.	54-60-59	.50-2.50-1.33
1893 N. Y.	10	22 F.	48-60-57	.50-1.50- .92
1893 Ohio	374	47 M.	45-60-57	.90-2.16-1.39
1893 Ohio	374	221 F.	45-60-52	.47-1.35- .76
1893 Pa	10	2 M.	60-60-60	.50- .58- .54

a Not reported.
b Not including hours of 20 persons not reported.
c Not including hours of 8 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 31 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 15 persons not reported.
h Not including hours of 303 persons not reported.
i Not including hours of 4 persons not reported.
j Not including hours of 6 persons not reported.
k Not including hours of 14 persons not reported.
l Not including hours of 96 persons not reported.
n Not including hours of 67 persons not reported.
o Not including hours of 12 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOX MAKERS, PAPER—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Pa	10	22	F.	51-60-58	0.42-1.17-0.75
1893 Italy	639	(a)	F.	54-54-54	.14- .29- —
1893 Scotland	632	(a)	F.	(a)	.41- .79- —
1894 Ind	228	15	F.	51-60-56	.33- .90- .52
1894 Kans	248	25	F.	49-49-49	.85- .85- .85
1894 N. Y	8	1	F.	60-60-60	.92- .92- .92
1894 Ohio	374	1	M.	(a)	1.67-1.67-1.67
1894 Ohio	374	1	F.	(a)	1.00-1.00-1.00
1894 Ohio	375	63	M.	54-60-60	1.00-1.55-1.31
1894 Ohio	375	214	F.	b 48-60-57	.60-1.35- .85
1895 Conn	7	37	F.	60-60-60	.50-1.25- .83
1895 Ga	7	47	F.	60-60-60	.50- .75- .63
1895 Iowa	7	2	F.	60-60-60	.60- .80- .70
1895 Ky	7	20	F.	60-60-60	.56-1.35- .89
1895 La	7	18	F.	60-60-60	.64-1.04- .82
1895 Md	7	71	F.	60-60-60	.42-1.17- .69
1895 Mass	7	7	M.	55-58-57	.38-1.45- .95
1895 Mass	7	175	F.	55-60-59	.42-2.08- .96
1895 Mass	8	4	M.	60-60-60	2.00-2.00-2.00
1895 Mass	8	3	F.	60-60-60	1.80-1.80-1.80
1895 Mo	7	6	F.	54-54-54	.48- .85- .70
1895 Mo	304	2	M.	(a)	.83-1.00- .92
1895 N. H	7	1	M.	60-60-60	.75- .75- .75
1895 N. H	7	9	F.	60-60-60	.61-1.32-1.06
1895 N. J	7	7	M.	48-59-56	.63-1.38- .98
1895 N. J	7	180	F.	48-60-57	.29-1.50- .75
1895 N. Y	7	24	M.	59-60-59	.50-2.17-1.06
1895 N. Y	7	164	F.	52-59-58	.33-2.17- .88
1895 N. Y	8	5	M.	60-60-60	.83-1.67-1.23
1895 N. Y	8	38	F.	54-60-55	.67-1.33-1.13
1895 N. Y	341	68	F.	54-54-54	.37-2.00- .81
1895 N. C	7	13	M.	60-60-60	.75-1.40- .91
1895 N. C	7	14	F.	60-60-60	.75-1.15- .97
1895 Ohio	376	73	M.	54-60-58	1.00-3.37-1.50
1895 Ohio	376	318	F.	48-60-57	.58-1.00- .73
1895 R. I	7	3	M.	55-55-55	.86-2.06-1.51
1895 R. I	7	47	F.	55-55-55	.65-1.57-1.01
1895 Va	7	12	F.	59-59-59	0.67-0.83-0.77
1895 France	509	(a)	F.	60-60-60	.97- .97- .97
1896 Conn	8	2	M.	60-60-60	1.00-1.50-1.25
1896 Conn	8	1	F.	60-60-60	1.00-1.00-1.00
1896 Ga	7	1	M.	66-66-66	1.00-1.00-1.00
1896 Ga	7	8	F.	54-54-54	.50- .83- .61
1896 Ill	7	9	M.	54-54-54	2.00-2.00-2.00
1896 Ill	7	79	F.	54-60-54	.56- .95- .76
1896 Md	7	1	M.	60-60-60	1.75-1.75-1.75
1896 Md	7	96	F.	48-60-55	.42-1.67-1.00
1896 Mich	7	2	M.	54-59-57	1.50-2.17-1.84
1896 Mich	7	240	F.	48-60-58	.25-1.06- .63
1896 Minn	7	7	M.	54-54-54	.42-1.50- .95
1896 Minn	7	27	F.	54-54-54	.34-1.41- .73
1896 Mo	305	16	M.	48-60-56	1.60-1.75-1.66
1896 Mo	305	11	F.	48-48-48	.75- .75- .75
1896 Nebr	314	1	M.	60-60-60	2.00-2.00-2.00
1896 N. J	7	2	F.	55-55-55	1.33-1.33-1.33
1896 N. Y	7	1	M.	59-59-59	1.17-1.17-1.17
1896 N. Y	7	34	F.	54-60-55	.50-1.33- .62
1896 Ohio	7	79	F.	54-59-58	.44-1.05- .66
1896 Ohio	377	13	M.	60-60-60	1.25-2.25-1.79
1896 Ohio	377	516	F.	c 48-60-58	.55- .80- .67
1896 Pa	7	105	F.	48-60-54	.33-1.17- .75
1896 Pa	8	5	F.	60-60-60	.75-1.00- .95
1896 W. Va	7	13	F.	54-59-58	.33- .67- .61
1897 Nebr	314	1	M.	60-60-60	2.00-2.00-2.00
1897 Pa	395	5	M.	(a)	.75-3.43-1.69
1897 Pa	395	4	F.	(a)	.42- .77- .56
1897 Va	404	5	M.	48-48-48	1.50-1.50-1.50
1897 Va	404	388	F.	54-60-54	.67-1.25-1.12
1898 Mich	287	34	F.	(a)	.54- .54- .54
1899 Mass	18	50	F.	59-59-59	.83-1.67-1.31
1899 N. Y	18	20	F.	59-59-59	.67-1.33-1.00
1900 Mass	18	60	F.	59-59-59	.83-1.67-1.31
1900 N. Y	18	20	F.	59-59-59	.67-1.33-1.00

BOX MAKERS, PLUSH AND FANCY.

1872	Germany	185	(a)	M.	(a)	.48- .60- —	1890	N. Y	333	110	M.	(a)	.33-2.50-1.01
1884	Italy	178	(a)	F.	(a)	.15- .48- —	1890	N. Y	333	13	F.	(a)	.29- .92- .52
1885	N. Y	7	63	F.	56-56-56	.67-1.55-1.07	1891	Mich	283	13	F.	(a)	.64- .64- .64
1886	Cal	193	12	M.	60-60-60	2.50-2.50-2.50	1891	N. Y	333	51	M.	(a)	.38-2.50-1.44
1886	Md	3	3	F.	57-57-57	.37- .58- .50	1891	N. Y	333	12	F.	(a)	.33- .96- .54
1886	R. I	3	2	F.	59-59-59	1.33-1.33-1.33	1893	Ill	10	1	M.	56-56-56	2.33-2.33-2.33
1887	Ill	3	7	F.	51-60-54	.67-2.00-1.10	1896	N. Y	7	81	F.	56-56-56	.68-1.63-1.10
1887	N. Y	3	10	F.	60-60-60	.27-1.50- .76	1897	N. Y	337	27	M.	(a)	1.50-2.30-1.85
1888	N. Y	331	48	M.	c 59-59-59	.63-2.83-1.64	1898	N. Y	338	24	M.	60-60-60	2.00-2.00-2.00
1888	N. Y	331	40	F.	59-59-59	.67- .67- .67							

BOX MAKERS, TIN.

1882	N. Y	3	1	F.	(a)	.42- .42- .42	1895	France	509	(a)	M.	60-60-60	1.25-1.35- —
1887	N. Y	3	3	F.	59-60-60	.58- .75- .67	1895	France	509	(a)	F.	60-60-60	.48- .68- —
1892	France	505	(a)	M.	66-66-66	.95- .95- .95	1895	France	509	(a)	(a)	60-60-60	1.54-1.93- —
1892	France	505	(a)	M.	63-63-63	d .93- .93- .93	1896	Ohio	377	3	M.	60-60-60	1.25-1.25-1.25
1893	France	507	(a)	M.	66-66-66	.97- .97- .97	1896	France	510	(a)	(a)	e 60-60-60	.97-1.64- —
1893	France	507	(a)	F.	(a)	.23- .39- —	1897	Va	404	108	M.	60-60-60	1.00-1.20-1.17
1893	France	507	(a)	(a)	60-60-60	.19- .34- —							

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 20 persons not reported.
d And *gratifications*.
e Applies to but 1 of the 33 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOX MAKERS, WOOD.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 N. Y.	8	1	M.	72-72-72	0.83-0.83-0.83
1857 Va	8	1	M.	72-72-72	1.00-1.00-1.00
1860 N. J	8	2	M.	72-72-72	.83- .83- .83
1871 Germany	185	(a)	M.	(a)	.48- .48- .48
1873 Persia	184	(a)	(a)	(a)	.25- .25- .25
1873 Switzerl'd	714	(a)	(a)	60-60-60	.56-1.37- —
1876 N. Y.	8	3	M.	60-60-60	1.33-2.33-2.00
1876 Pa	381	2	M.	(a)	1.25-1.50-1.38
1876 Pa	382	1	M.	(a)	1.50-1.50-1.50
1877 England	570	(a)	M.	56-56-56	1.22-1.22-1.22
1878 Pa	383	1	M.	(a)	1.25-1.25-1.25
1879 Pa	384	4	(a)	(a)	1.50-1.50-1.50
1880 N. J	319	1	(a)	60-60-60	1.50-1.50-1.50
1880 Pa	7	12	M.	(a)	1.25-2.00-1.52
1880 England	571	(a)	M.	77-77-77	1.16-1.16-1.16
1881 Ill	2	50	M.	66-66-66	.74- .74- .74
1881 Mass	7	1	M.	60-60-60	1.50-1.50-1.50
1881 Ohio	7	5	M.	60-60-60	1.00-2.00-1.45
1881 Ohio	363	2	M.	b60-60-60	1.67-3.00-2.33
1882 Mo	294	4	M.	60-60-60	1.75-2.50-2.13
1882 N. J	321	6	M.	(a)	2.00-2.00-2.00
1882 N. C	7	2	M.	60-60-60	.83-1.17-1.00
1883 Ill	2	10	M.	66-66-66	.74- .74- .74
1883 Ill	2	40	F.	66-66-66	.74- .74- .74
1883 Mass	273	1	M.	(a)	1.67-1.67-1.67
1883 Mass	273	1	F.	(a)	1.67-1.67-1.67
1883 Mass	273	1	(a)	(a)	.75- .75- .75
1883 Mich	277	5	M.	(a)	.75-1.50-1.20
1883 N. J	322	110	M.	c60-60-60	1.53-3.00-1.99
1883 N. Y.	2	1018	M.	60-60-60	1.20-1.60-1.29
1884 Iowa	231	1	(a)	84-84-84	1.25-1.25-1.25
1884 Mich	278	3	M.	(a)	.60-1.75-1.07
1884 Mich	278	2	F.	(a)	.60- .67- .64
1884 Mo	295	1	M.	60-60-60	2.25-2.25-2.25
1884 N. J	323	241	M.	d48-60-59	1.25-2.30-2.00
1884 W. Va	7	5	M.	60-60-60	.67- .67- .67
1884 Canada	466	(a)	M.	59-59-59	1.30-1.30-1.30
1884 England	178	(a)	M.	56-56-56	.81-1.27- —
1884 Italy	178	(a)	M.	(a)	.40- .70- —
1885 Ill	2	380	M.	60-60-60	2.00-2.50-2.13
1885 Iowa	7	2	M.	60-60-60	.50- .50- .50
1885 Me	1	2	M.	60-60-60	1.10-1.50-1.30
1885 Mass	1	2	M.	72-72-72	2.00-2.00-2.00
1885 Mass	7	1	M.	60-60-60	1.25-1.25-1.25
1885 Mo	1	44	M.	60-60-60	1.62-1.62-1.62
1885 N. J	1	102	M.	45-60-58	1.33-2.33-2.05
1885 N. J	7	11	M.	b60-60-60	1.00-2.33-2.14
1885 N. J	324	72	M.	e48-78-61	1.00-3.33-2.64
1885 N. Y.	1	35	M.	60-66-60	1.25-2.50-2.26
1885 N. Y.	7	2	M.	58-60-59	1.00-2.50-1.75
1885 N. C	1	10	M.	60-60-60	.90- .90- .90
1885 Ohio	1	3	M.	54-66-62	1.66-2.00-1.89
1885 Pa	1	1	M.	60-60-60	2.50-2.50-2.50
1885 R. I	7	1	M.	48-48-48	2.00-2.00-2.00
1885 Vt	1	1	M.	66-66-66	1.81-1.81-1.81
1885 Va	1	22	M.	60-60-60	3.00-3.00-3.00
1885 Italy	1	(a)	M.	72-72-72	.62- .62- .62
1886 Cal	193	21	M.	b60-60-60	2.00-2.00-2.00
1886 Ill	2	2755	M.	f55-60-59	1.35-2.50-1.98
1886 Ill	208	3	M.	48-48-48	2.50-2.50-2.50
1886 Md	7	2	F.	57-57-57	.88-1.08- .98
1886 Mich	7	23	M.	60-60-60	.67-2.00-1.13
1886 N. J	325	38	M.	60-60-60	2.00-2.50-2.34
1886 Pa	2	6	M.	60-60-60	1.60-1.83-1.72
1886 Pa	7	8	M.	60-60-60	1.17-2.58-1.83
1886 R. I	7	6	M.	60-60-60	1.17-1.42-1.25
1886 Canada	468	(a)	M.	48-51 —	1.39-1.48- —
1886 Germany	184	(a)	M.	(a)	.79- .79- .79
1887 Conn	202	11	M.	(a)	2.00-2.08-2.07
1887 Conn	202	1	F.	(a)	1.20-1.20-1.20
1887 N. Y.	3	1	F.	60-60-60	.63- .63- .63
1887 Ohio	3	3	F.	b 56-62-59	1.00-1.67-1.31
1887 Ohio	369	377	M.	54-60-60	.33-2.50-1.60
1887 Ohio	369	219	F.	60-60-60	.34-2.10-1.37
1887 Wis	409	207	M.	(a)	1.00-2.35-1.47
1887 Germany	557	(a)	(a)	54-60 —	.65-1.19- —
1888 Me	254	1	M.	60-60-60	1.50-1.50-1.50
1888 N. J	326	43	M.	g60-60-60	2.00-3.00-2.35
1888 N. J	326	30	F.	(a)	1.00-1.00-1.00
1888 N. J	326	70	(a)	(a)	.58- .58- .58
1888 N. Y.	331	470	M.	h53-60-59	.50-3.00-1.89
1888 Va	3	1	F.	60-60-60	.38- .38- .38
1888 Canada	470	(a)	M.	58-58-58	1.39-1.39-1.39
1888 Germany	6	(a)	M.	(a)	.48- .48- .48
1888 Germany	558	(a)	(a)	60-60-60	.71-1.19- —
1889 Ind	6	2	M.	60-60-60	3.00-3.00-3.00
1889 Mass	6	1	M.	60-60-60	1.00-1.00-1.00
1889 Mich	281	2	M.	60-60-60	.42-2.00-1.21
1889 N. Y.	6	2	M.	(a)	1.84-2.50-2.17
1889 R. I	398	5	F.	54-60-59	.58- .83- .72
1889 Canada	471	(a)	M.	54-54-54	1.31-1.31-1.31
1889 Wales	576	(a)	M.	72-72-72	.85- .85- .85
1890 Ill	6	3	M.	60-60-60	1.67-1.67-1.67
1890 Ind	6	6	M.	54-60-58	1.25-1.50-1.33
1890 Md	6	9	M.	i 48-60-56	.40-2.00-1.12
1890 Mo	6	3	M.	(a)	1.00-1.34-1.20
1890 N. J	6	7	M.	b 60-60-60	1.20-3.69-2.20
1890 N. Y.	6	14	M.	j 60-60-60	1.15-2.30-1.57
1890 N. Y.	333	302	M.	(a)	.50-4.00-1.73
1890 Ohio	6	4	M.	j 60-60-60	1.25-1.55-1.41
1890 Pa	6	6	M.	k 60-60-60	1.50-3.06-2.16
1890 Netherl'ds	666	(a)	M.	(a)	.80- .90- —
1890 Wales	576	(a)	M.	72-72-72	.97- .97- .97
1891 N. Y.	333	352	M.	(a)	.42-4.00-1.48
1891 Ohio	372	210	M.	54-60-58	1.00-2.17-1.45
1891 China	105	(a)	(a)	(a)	.26- .29- —
1891 England	576	(a)	M.	54-54-54	.81-1.05- —
1892 Cal	196	45	M.	b54-60-59	1.25-2.50-2.04
1892 Ind	227	26	M.	54-60-58	1.01-1.75-1.30
1892 Mo	301	20	M.	(a)	2.50-2.50-2.50
1892 Ohio	373	8	(a)	54-60-59	1.75-3.00-2.16
1892 Australia	424	(a)	(a)	(a)	1.82-2.03- —
1892 England	577	(a)	M.	54-54-54	1.26-1.26-1.26
1892 France	505	(a)	M.	60-66 —	.14-1.16- —
1892 France	505	(a)	M.	69-69-69	l1.01-1.01-1.01
1892 Germany	184	(a)	M.	(a)	.91- .91- .91
1892 Japan	132	(a)	(a)	(a)	.12- .36- —
1892 Russia	692	(a)	(a)	(a)	.15- .30- —
1892 Scotland	11	(a)	(a)	(a)	1.42-1.42-1.42
1893 Ill	10	4	M.	55-60-59	1.50-2.00-1.77
1893 Ill	10	3	F.	51-54-53	.33-1.00- .63
1893 Md	10	24	M.	48-66-60	.33-2.00-1.18
1893 Md	10	1	F.	60-60-60	.50- .50- .50
1893 N. Y.	10	3	M.	54-59-57	1.50-1.67-1.56
1893 N. Y.	10	8	F.	48-60-54	.42-1.33- .95
1893 N. C	8	1	M.	60-60-60	.75- .75- .75
1893 Ohio	374	174	M.	j 48-60-58	.60-2.50-1.55
1893 Ohio	374	10	F.	48-48-48	.75- .75- .75
1893 Pa	10	2	F.	60-60-60	.50- .50- .50
1893 England	578	(a)	M.	57-57-57	1.72-1.72-1.72
1894 Ind	228	19	M.	54-60-56	1.33-2.25-1.88
1894 N. H	316	11	M.	54-60-59	1.00-2.00-1.52

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 49 persons not reported.
d Not including hours of 142 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 125 persons not reported.
g Not including hours of 40 persons not reported.
h Not including hours of 269 persons not reported.
i Not including hours of 6 persons not reported.
j Not including hours of 2 persons not reported.
k Not including hours of 5 persons not reported.
l And fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOXMAKERS, WOOD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 N. C	8	2	M.	72-72-72	1.00-1.00-1.00
1894 N. C	348	3	(a)	60-72-68	1.00-1.00-1.00
1894 Ohio	375	167	M.	b48-60-58	.50-2.08-1.44
1894 Ohio	375	38	F.	60-60-60	.55- .75- .64
1894 Australia	425	(a)	(a)	(a)	1.01-2.43- —
1895 Conn	7	2	M.	72-72-72	1.50-2.00-1.75
1895 Iowa	7	2	M.	60-60-60	.50- .75- .63
1895 Me	7	12	M.	60-60-60	1.50-2.00-1.68
1895 Mass	7	8	M.	58-60-59	1.00-1.75-1.35
1895 N. J	7	12	M.	54-60-59	.58-2.83-2.16
1895 N. J	8	18	M.	59-60-59	.67-2.00-1.39
1895 N. Y	7	1	M.	60-60-60	2.50-2.50-2.50
1895 N. Y	8	26	M.	60-60-60	.75-2.50-1.75
1895 N. C	7	7	M.	60-60-60	.83-1.25- .95
1895 N. C	8	4	M.	60-60-60	.40-1.25- .88
1895 N. C	349	1	M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	209	M.	c48-60-58	.50-2.75-1.36
1895 Ohio	376	103	F.	54-60-59	.54- .83- .74
1895 R. I	7	4	M.	55-55-55	1.38-2.00-1.80
1895 W. Va	7	2	M.	59-59-59	1.40-1.40-1.40
1895 Australia	426	(a)	(a)	(a)	1.01-2.43- —
1895 England	591	(a)	M.	(a)	1.23-1.35- —
1895 Italy	137	(a)	M.	(a)	.46- .46- .46
1896 Conn	8	2	M.	60-60-60	1.50-2.00-1.75
1896 Md	7	6	F.	57-57-57	.67-1.50-1.03
1896 Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1896 Mich	7	18	M.	60-60-60	0.75-1.50-1.17
1896 Mich	7	11	F.	60-60-60	.88-1.03- .96
1896 Minn	7	1	M.	60-60-60	2.25-2.25-2.25
1896 N. Y	7	1	M.	58-58-58	1.00-1.00-1.00
1896 N. Y	8	8	M.	60-60-60	1.50-2.25-1.66
1896 Ohio	7	9	M.	60-60-60	1.00-2.25-1.50
1896 Ohio	377	127	M.	48-60-55	1.00-2.50-1.63
1896 Ohio	377	30	F.	48-51-49	.63- .89- .74
1896 Pa	7	40	M.	48-60-59	.83-3.48-1.83
1896 W. Va	7	6	M.	60-60-60	.67- .75- .71
1896 Australia	427	(a)	(a)	(a)	1.01-2.43- —
1896 England	592	(a)	M.	(a)	1.23-1.35- —
1896 France	505	(a)	M.	60-72 —	.77- .77- .77
1896 Persia	184	(a)	(a)	(a)	.30- .30- .30
1896 Scotland	586	(a)	M.	(a)	1.21-1.38- —
1897 N. C	8	2	M.	66-66-66	.60- .65- .63
1897 Ohio	377	17	M.	48-60-59	1.17-1.75-1.56
1897 Va	404	41	M.	45-60-55	.60-2.50-1.14
1897 Australia	428	(a)	(a)	(a)	1.01-2.03- —
1897 Scotland	593	(a)	(a)	(a)	1.29-1.38- —
1898 N. J	329	18	M.	54-60-60	1.33-1.67-1.43
1898 Australia	429	(a)	(a)	(a)	1.01-2.03- —
1899 Mass	18	48	M.	60-60-60	1.00-2.00-1.44
1899 N. Y	18	75	(a)	59-59-59	1.67-3.33-2.67
1900 Mass	18	49	M.	60-60-60	1.00-2.00-1.45
1900 N. Y	18	75	(a)	59-59-59	1.67-3.33-2.67

BOXMEN, ILLUMINATING GAS.

1863 N. Y	190	1	M.	84-84-84	1.75-1.75-1.75
1864 N. Y	190	1	M.	84-84-84	1.75-1.75-1.75
1865 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1866 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1867 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1868 N. Y	190	1	M.	84-84-84	2.35-2.35-2.35
1869 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1870 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1871 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1872 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1873 N. Y	190	1	M.	84-84-84	3.50-3.50-3.50
1874 N. Y	190	1	M.	84-84-84	3.00-3.00-3.00
1875 N. Y	190	1	M.	84-84-84	2.75-2.75-2.75
1876 N. Y	190	1	M.	84-84-84	2.75-2.75-2.75
1877 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1878 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1879 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1880 N. Y	190	1	M.	84-84-84	2.00-2.00-2.00
1881 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1882 N. Y	190	1	M.	84-84-84	2.25-2.25-2.25
1883 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1884 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1885 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1886 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1887 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1888 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1889 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1890 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50
1891 N. Y	190	1	M.	84-84-84	2.50-2.50-2.50

BOX NAILERS.

1851 Md	8	1	M.	60-60-60	1.50-1.50-1.50
1855 Md	8	1	M.	60-60-60	2.50-2.50-2.50
1865 Md	8	4	M.	60-72-69	1.50-2.50-2.00
1870 N. Y	8	2	M.	60-60-60	1.25-1.25-1.25
1871 N. Y	8	1	M.	60-60-60	1.25-1.25-1.25
1875 Cal	8	3	M.	60-60-60	1.50-1.50-1.50
1876 Cal	8	2	M.	60-60-60	1.50-1.50-1.50
1876 Del	8	1	M.	60-60-60	1.50-1.50-1.50
1882 Mo	294	7	M.	60-60-60	2.00-2.25-2.04
1884 Ga	7	1	M.	66-66-66	1.08-1.08-1.08
1884 N. J	323	143	F.	(a)	1.42-1.42-1.42
1884 Pa	7	11	F.	60-60-60	.67- .83- .76
1884 W. Va	7	3	M.	60-60-60	1.50-1.50-1.50
1884 Canada	466	(a)	M.	60-60-60	1.17-1.17-1.17
1885 Mass	7	1	M.	59-59-59	2.00-2.00-2.00
1886 Cal	8	1	M.	60-60-60	1.75-1.75-1.75
1886 Iowa	7	2	M.	60-60-60	1.00-1.17-1.08
1886 Mich	7	1	M.	60-60-60	1.42-1.42-1.42
1887 Cal	8	2	M.	63-63-63	1.75-1.75-1.75
1887 Ohio	369	35	M.	60-60-60	.40-1.66-1.42
1887 Germany	557	(a)	F.	60-60-60	.56- .60- —
1888 N. Y	331	2	M.	60-60-60	.67- .67- .67
1888 Germany	558	(a)	F.	60-60-60	.44- .75- —
1890 N. Y	6	1	M.	(a)	1.35-1.35-1.35
1890 N. Y	333	6	M.	(a)	.60-1.50-1.02
1890 Ohio	6	2	M.	(a)	.58- .58- .58
1890 Pa	6	7	M.	(a)	.75- .75- .75
1891 N. Y	333	6	M.	(a)	.60-1.67- .96
1892 Ohio	373	2	M.	53-53-53	1.50-1.75-1.63
1892 France	505	(a)	M.	63-63-63	.19- .97- —
1892 France	505	(a)	F.	63-63-63	.14- .77- —
1893 Ohio	374	3	M.	60-60-60	1.25-1.25-1.25

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BOX NAILERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Md	8	11 M.	60-72-68	1.00-1.50-1.23	1896 Ga	7	1 M.	66-66-66	1.13-1.13-1.13
1894 N. Y	8	14 M.	60-60-60	1.00-1.50-1.32	1896 Ill	7	2 M.	60-60-60	1.67-1.67-1.67
1894 N. C	8	1 M.	72-72-72	.75- .75- .75	1896 Iowa	7	2 M.	60-60-60	1.00-2.00-1.50
1894 Ohio	375	15 M.	60-60-60	1.50-1.75-1.60	1896 Mich	7	1 M.	55-55-55	1.33-1.33-1.33
1894 France	129	(a) F.	60-60-60	.42- .42- .42	1896 Mo	305	36 M.	54-60-57	.90-2.50-1.95
1895 Md	8	10 M.	60-90-69	1.25-1.50-1.43	1896 Ohio	377	76 M.	54-60-58	.62-1.75-1.12
1895 Mass	7	1 M.	59-59-59	1.97-1.97-1.97	1896 Pa	7	3 M.	52-52-52	.58- .67- .61
1895 Mo	304	4 M.	(a)	1.50-1.75-1.64	1896 Pa	7	39 F.	55-55-55	.67- .83- .75
1895 N. C	8	1 M.	66-66-66	1.00-1.00-1.00	1896 Pa	394	2 M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	24 M.	51-60-58	.50-2.00-1.36	1896 W. Va	7	3 M.	60-60-60	1.50-1.50-1.50
1896 Cal	8	20 M.	60-60-60	1.00-1.50-1.40					

BRACKET MAKERS.

1880 Mass	8	2 M.	60-60-60	1.75-2.00-1.88	1898 N. J	329	1 M.	60-60-60	1.67-1.67-1.67
1890 Mass	8	1 M.	60-60-60	2.50-2.50-2.50					

BRAIDERS, ASBESTUS GOODS.

1893 Italy	639	(a) F.	69-69-69	.14- .29- —	....	.....	....	.....	.....

BRAIDERS, BRAID AND EMBROIDERY.

1867 Mass	7	18 M.	60-60-60	.60- .75- .69	1887 Ohio	3	5 F.	59-60-59	.50-1.00- .80
1885 Mass	7	1 M.	60-60-60	.98- .98- .98	1887 Pa	3	5 F.	60-60-60	.58-1.00- .88
1885 Mass	7	49 F.	60-60-60	.98-1.18- .99	1890 N. Y	333	158 M.	(a)	.33-1.67- .87
1885 N. Y	7	14 M.	56-60-57	.67-3.33-2.32	1891 Mich	283	25 F.	(a)	.71- .71- .71
1885 N. Y	7	56 F.	59-60-60	.83- .90- .85	1891 N. Y	333	202 M.	(a)	.33-1.67- .85
1885 N. Y	330	200 F.	(a)	.92- .92- .92	1892 France	505	(a) M.	60-60-60	.24- .24- .24
1885 Ohio	7	21 F.	60-60-60	.42-1.00- .63	1892 France	505	(a) F.	66-66-66	.19- .53- —
1885 Pa	7	2 F.	60-60-60	.89- .96- .93	1895 Mass	7	1 M.	58-58-58	.89- .89- .89
1886 N. Y	7	2 F.	59-59-59	.50- .58- .54	1895 Mass	7	46 F.	58-58-58	.86- .89- .87
1886 Pa	3	1 F.	60-60-60	1.17-1.17-1.17	1895 N. Y	7	18 M.	54-60-57	.75-3.00-1.85
1886 R. I	3	1 F.	60-60-60	.75- .75- .75	1895 N. Y	7	60 F.	54-60-58	.92-1.00- .94
1886 England	601	(a) F.	57-57-57	.43- .43- .43	1895 Ohio	376	1 M.	60-60-60	3.00-3.00-3.00
1887 Conn	202	2 M.	(a)	.80-3.00-1.90	1895 Ohio	376	86 F.	60-60-60	.53- .58- .56
1887 Conn	202	2 F.	(a)	.62- .62- .62	1896 N. Y	7	3 F.	50-50-5	.33- .50- .42
1887 Ill	3	3 F.	56-56-56	.38- .58- .47	1896 Ohio	7	34 F.	60-60-60	.33- .83- .53
1887 Mass	3	8 F.	51-59-56	.54-1.50- .96	1896 Pa	7	10 F.	60-60-60	.45-1.63- .98
1887 N. Y	3	13 F.	b 52-57-55	.33-1.33- .74					

BRAIDERS, COVERED WIRE.

1885 Conn	7	5 M.	b 60-60-60	.75- .92- .81	1891 N. Y	333	3 M.	(a)	1.00-1.00-1.00
1885 Conn	7	12 F.	c 60-60-60	.83-1.00- .88	1895 Conn	7	5 M.	59-60-60	.98-1.48-1.23
1887 N. Y	3	4 F.	60-60-60	.54- .92- .72	1895 Conn	7	15 F.	59-60-60	.79- .89- .85
1890 N. Y	333	5 M.	(a)	1.50-1.50-1.50					

BRAIDERS, ROPE AND TWINE.

1884 Ohio	7	32 F.	60-60-60	.33- .83- .65	1895 Mass	7	1 F.	58-58-58	1.00-1.00-1.00
1885 Mass	7	1 F.	60-60-60	1.00-1.00-1.00	1896 Ohio	7	52 F.	60-60-60	.33- .83- .59

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRAIDERS, STRAW GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Germany	185	(a) M.	(a)	0.18-0.18-0.18
1875 Italy	169	(a) F.	(a)	.19- .19- .19
1883 Mich	277	2 F.	(a)	.65-1.00- .83
1884 Mich	278	1 F.	(a)	0.35-0.35.0.35
1884 Italy	178	(a) (a)	(a)	.10- .20- —

BRAIDERS, WHIPS.

1887	Cal	3	9	F.	53-53-53	1.08-1.50-1.28	1890	N. Y	333	6 M.	(a)	.70- .70- .70
1887	Ohio	369	7	F.	60-60-60	.90- .90- .90	1891	N. Y	333	5 M.	(a)	.70- .70- .70
1888	Cal	194	9	F.	54-54-54	1.00-1.33-1.22	1895	Ohio	376	7 F.	60-60-60	.90- .90- .90

BRAKE BOYS, BAKERY PRODUCTS.

1858	N. Y	8	6	M.	72-72-72	.83- .83- .83	1880	N. Y	8	1 M.	72-72-72	1.17-1.17-1.17
1859	N. Y	8	2	M.	72-72-72	.83- .83- .83						

BRAKEMEN, MINES AND FACTORY YARDS.

1841	England	625	(a)	M.	(a)	.73- .81- —	1889	Ala	5	41 M.	60-84-71	1.10-1.50-1.36
1861	England	564	(a)	(a)	(a)	.81- .81- .81	1889	Ga	5	6 M.	e 84-84-84	1.00-2.00-1.33
1866	England	566	(a)	M.	72-72-72	.85- .85- .85	1889	Ill	5	1 M.	60-60-60	1.80-1.80-1.80
(b)	England	567	(a)	M.	72-72-72	.85- .97- —	1889	Md	5	4 M.	60-72-63	1.17-1.85-1.50
1873	Pa	379	4	M.	(a)	1.87-1.87-1.87	1889	Mich	5	118 M.	57-60-60	1.30-2.10-1.77
1873	England	185	(a)	M.	(a)	.50-1.55- —	1889	Minn	5	16 M.	60-60-60	1.80-1.80-1.80
1876	Pa	381	7	M.	(a)	1.70-2.00-1.81	1889	Mo	5	4 M.	(a)	1.50-1.60-1.53
1876	Pa	382	9	M.	(a)	1.14-1.14-1.14	1889	Mo	299	2 M.	(a)	1.50-1.50-1.50
1877	Pa	382	5	M.	(a)	1.65-3.00-2.18	1889	N. Y	5	7 M.	(a)	1.30-1.50-1.36
1878	Pa	383	14	M.	c 72-72-72	1.14-1.45-1.23	1889	Ohio	5	22 M.	f 57-84-66	1.40-2.20-1.73
1884	Mich	278	2	M.	(a)	1.60-1.60-1.60	1889	Pa	5	62 M.	g 55-84-67	1.00-3.00-1.77
1884	N. J	323	2	M.	60-60-60	1.71-1.71-1.71	1889	Tenn	5	14 M.	60-77-71	1.25-1.75-1.34
1884	Pa	2	154	M.	50-60-60	1.66 1.75-1.75	1889	Va	5	3 M.	84-84-84	1.40-1.40-1.40
1885	Md	1	3	M.	66-72-70	1.30-1.50-1.37	1889	W. Va	5	26 M.	h 60-72-65	1.40-1.70-1.54
1885	N. Y	1	20	M.	72-72-72	1.33-1.75-1.58	1889	Wis	5	19 M.	i 60-60-60	1.60-2.00-1.66
1885	Ohio	1	16	M.	60-72-65	1.32-1.60-1.54	1889	Belgium	5	(a) M.	60-66 —	.24- .72- —
1885	Pa	1	19	M.	60-72-70	1.35-2.80-1.71	1889	Canada	5	(a) M.	j 60-60-60	.50-1.10- —
1885	Pa	2	33	M.	70-70-70	1.70-1.70-1.70	1889	England	5	(a) M.	57-60 —	.81- .87- —
1885	Va	1	7	M.	60-72-67	1.00-1.40-1.23	1889	France	5	(a) M.	60-60-60	.80- .80- .80
1885	W. Va	1	2	M.	60-60-60	.50-1.25- .88	1889	Germany	534	(a) (a)	(a)	.54- .64- —
1885	Gr't Brit	1	(a)	M.	72-72-72	.92- .92- .92	1890	Ala	5	18 M.	84-84-84	1.75-1.75-1.75
1886	England	602	(a)	M.	(a)	.73- .92- —	1890	Mich	5	2 M.	60-60-60	2.00-2.00-2.00
1886	England	604	(a)	M.	(a)	1.01-1.01-1.01	1890	N. Y	333	3 M.	(a)	1.50-1.70-1.58
1886	Gr't Brit	602	(a)	M.	(a)	.73- .73- .73	1890	Ohio	5	2 M.	60-60-60	1.50-1.65-1.58
1886	Scotland	602	(a)	M.	(a)	.65- .75- —	1890	Belgium	5	(a) M.	(a)	.25- .29- —
1886	Scotland	604	(a)	M.	(a)	.54- .54- .54	1890	Germany	5	(a) M.	60-60-60	.57- .57- .57
1886	Wales	602	(a)	M.	(a)	.81- .81- .81	1891	Mo	300	2 M.	(a)	1.74-2.00-1.87
1887	Colo	198	1	M.	(a)	3.25-3.25-3.25	1891	N. Y	333	7 M.	(a)	1.50-1.80-1.58
1887	Wis	409	6	M.	(a)	2.50-2.50-2.50	1891	Belgium	457	(a) M.	54-72 —	.20- .69- —
1888	Mich	280	25	M.	48-66-60	1.27-2.49-1.93	1891	Belgium	457	(a) F.	k 69-72 —	.42- .53- —
1888	N. Y	331	7	M.	60-72-69	1.65-1.75-1.72	1891	England	632	(a) M.	(a)	1.05-1.09- —
1888	Ohio	5	1	M.	60-60-60	1.40-1.40-1.40	1892	France	505	(a) F.	60-60-60	.19- .34- —
1888	Pa	5	4	M.	60-84-72	1.30-2.00-1.59	1894	W. Va	406	1 M.	60-60-60	1.20-1.20-1.20
1888	Tenn	5	3	M.	(a)	1.25-1.50-1.33	1898	Pa	18	14 M.	(a)	1.08-1.95-1.67
1888	Va	5	5	M.	d 60-72-70	1.05-1.35-1.21	1899	Ala	18	12 M.	84-84-84	1.45-1.80-1.71
1888	W. Va	5	7	M.	63-66-65	1.40-1.50-1.43	1899	Pa	18	14 M.	(a)	1.20-2.20-1.86
1888	Germany	5	(a)	M.	(a)	.38- .48- —	1900	Ala	18	2 M.	84-84-84	1.50-1.50-1.50

a Not reported.
b Average for 1867–68.
c Not including hours of 3 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 5 persons not reported.
g Not including hours of 26 persons not reported.
h Not including hours of 13 persons not reported.
i Not including hours of 17 persons not reported.
j Applies to but 13 of the 16 wage quotations.
k Applies to but 3 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRAKEMEN, PRINTING AND PUBLISHING.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Pa	8	3	M.	42-42-42	3.50-3.50-3.50
1896 N. Y	8	14	M.	36-48-45	3.50-3.58-3.56

BRAKEMEN, RAILROAD.

1840	Mass	190	22	M.	70-70-70	1.00-1.15-1.07	1878	Mass	190	32	M.	70-70-70	1.65-1.80-1.73
1841	Mass	190	24	M.	70-70-70	1.00-1.15-1.06	1878	Pa	383	625	M.	f56-84-72	.82-1.84-1.60
1842	Mass	190	19	M.	70-70-70	1.00-1.15-1.09	1878	Canada	177	(a)	M.	(a)	.99-1.25- —
1843	Mass	190	20	M.	70-70-70	1.00-1.15-1.12	1878	England	177	(a)	M.	(a)	.79- .79- .79
1844	Mass	190	16	M.	70-70-70	1.00-1.15-1.04	1878	France	177	(a)	M.	(a)	.50- .60- —
1845	Mass	190	26	M.	70-70-70	1.00-1.15-1.09	1878	Germany	177	(a)	M.	(a)	.38- .80- —
1846	Mass	190	26	M.	70-70-70	1.00-1.15-1.07	1878	Ireland	177	(a)	M.	(a)	.57- .57- .57
1847	Mass	190	24	M.	70-70-70	1.00-1.15-1.08	1878	Scotland	177	(a)	M.	g60-60-60	.67-1.00- —
1848	Mass	190	25	M.	70-70-70	1.00-1.15-1.13	1879	Mass	190	29	M.	70-70-70	1.65-1.80-1.75
1849	Mass	190	25	M.	70-70-70	1.00-1.15-1.11	1879	Mo	293	53	M.	63-63-63	1.83-1.83-1.83
1850	Mass	190	24	M.	70-70-70	1.00-1.15-1.11	1879	N. J	318	6	(a)	24-72-59	1.20-1.80-1.57
1850	Germany	76	(a)	M.	(a)	b.29- .39- —	1879	Pa	384	1136	(a)	h70-77-74	.66-2.57-1.65
1851	Mass	190	12	M.	70-70-70	1.00-1.15-1.10	1879	Canada	177	(a)	M.	(a)	.86-1.07- —
1852	Mass	190	26	M.	70-70-70	1.00-1.15-1.06	1880	Ill	205	203	M.	(a)	1.46-1.85-1.73
1853	Mass	190	36	M.	70-70-70	1.00-1.15-1.06	1880	Mass	190	43	M.	70-70-70	1.75-2.00-1.90
1854	Mass	190	43	M.	70-70-70	1.00-1.34-1.11	1880	N. J	319	12	(a)	i55-72-67	1.47-1.90-1.79
1855	Mass	190	33	M.	70-70-70	1.00-1.34-1.13	1880	Switzerl'd	21	(a)	M.	(a)	.92-1.07- —
1856	Mass	190	38	M.	70-70-70	1.00-1.34-1.21	1881	Ark	2	180	M	60-60-60	1.70-1.85-1.77
1857	Mass	190	26	M.	70-70-70	1.00-1.25-1.15	1881	Ind	220	3117	M.	(a)	.96-2.00-1.65
1858	Mass	190	21	M.	70-70-70	1.17-1.25-1.21	1881	Mass	190	19	M.	70-70-70	1.75-2.00-1.91
1859	Mass	190	18	M.	70-70-70	1.17-1.25-1.21	1881	N. J	320	1	M.	(a)	1.48-1.48-1.48
1860	Mass	190	18	M.	70-70-70	1.17-1.25-1.22	1882	Ill	206	2707	M.	(a)	.99-1.97-1.37
1860	Germany	76	(a)	M.	(a)	b.29- .48- —	1882	Ind	221	2647	M.	(a)	1.43-2.05-1.61
1861	Mass	190	28	M.	70-70-70	1.17-1.25-1.22	1882	Mass	190	61	M.	70-70-70	1.75-2.00-1.90
1862	Mass	190	30	M.	70-70-70	1.17-1.25-1.22	1882	Mich	2	75	M.	72-72-72	1.90-1.90-1.90
1863	Mass	190	22	M.	70-70-70	1.25-1.40-1.34	1882	N. Y	2	470	M.	54-54-54	1.75-2.00-1.83
1864	Mass	190	15	M.	70-70-70	1.25-1.40-1.34	1883	Ind	222	5233	M.	(a)	1.15-2.00-1.80
1865	Mass	190	28	M.	70-70-70	1.40-1.92-1.73	1883	Mass	190	55	M.	70-70-70	1.75-2.00-1.78
1866	Mass	190	48	M.	70-70-70	1.40-1.92-1.73	1883	Mich	277	30	M.	(a)	1.32-1.81-1.53
1867	Mass	190	38	M.	70-70-70	1.65-2.30-2.09	1883	Ohio	365	1	M.	60-60 60	1.61-1.61-1.61
1868	Mass	190	29	M.	70-70-70	2.00-2.30-2.19	1883	Wales	43	(a)	(a)	(a)	j.66- .73- —
1869	Mass	190	65	M.	70-70-70	2.00-2.11-2.02	1884	Ind	223	3972	M.	(a)	1.20-2.50-1.61
1870	Mass	190	50	M.	70-70-70	2.00-2.00-2.00	1884	Iowa	231	1550	M.	k49-84-65	1.40-2.00-1.71
1871	Mass	190	23	M.	70-70-70	2.00-2.25-2.13	1884	Mass	190	103	M.	70-70-70	1.75-2.00-1.82
1872	Mass	190	26	M.	70-70-70	2.00-2.25-2.11	1884	Mich	278	63	M.	(a)	1.15-2.00-1.56
1872	Germany	76	(a)	M.	(a)	.45- .65- —	1884	N. J	323	54	M.	l70-84-81	1.15-1.75-1.19
1873	Mass	190	44	M.	70-70-70	2.00-2.25-2.10	1884	Pa	388	7600	M.	(a)	1.36-1.40-1.40
1873	Pa	379	3	M.	(a)	2.33-2.33-2.33	1884	Wis	407	305	M.	(a)	1.46-1.52-1.47
1874	Ill	185	713	M.	(a)	1.03-1.71-1.44	1884	Brazil	178	(a)	M.	(a)	.55- .81- —
1874	Ind	185	91	M.	(a)	.80-1.48-1.41	1884	Canada	178	(a)	M.	(a)	.72-1.81- —
1874	Iowa	185	18	M.	(a)	1.58-1.58-1.58	1884	Canada	466	(a)	M.	66-69 —	1.26-1.59- —
1874	Mass	190	126	M.	70-70-70	1.75-2.25-1.85	1884	Cuba	178	(a)	M.	59-59-59	.92- .92- .92
1874	Ohio	185	596	M.	(a)	1.48-1.48-1.48	1884	Ecuador	178	(a)	M.	(a)	1.05-1.05-1.05
1874	Pa	382	1034	M.	(a)	1.98-1.98-1.98	1884	England	178	(a)	M.	(a)	.80-1.13- —
1874	Scotland	177	(a)	M.	60-60-60	.86-1.00- —	1884	France	178	(a)	M.	(a)	.51- .99- —
1875	Mass	190	24	M.	70-70-70	2.00-2.25-2.07	1884	Germany	178	(a)	M.	n84-84-84	.36- .89- —
1875	Pa	380	2349	M.	(a)	1.25-2.03-1.79	1884	Germany	178	(a)	M.	(a)	b.71- .71- .71
1875	Pa	382	1034	M.	(a)	1.78-1.78-1.78	1884	Hawai. Is	178	(a)	(a)	(a)	1.32-1.97- —
1875	Scotland	177	(a)	M.	60-60-60	.86-1.00- —	1884	Italy	178	(a)	M.	(a)	.38- .48- —
1876	Mass	190	38	M.	70-70-70	1.75-2.25-1.91	1884	Mexico	178	(a)	(a)	(a)	1.32-3.00- —
1876	Pa	381	2366	M.	c56-98-67	.85-2.25-1.72	1884	N. Zealand	178	(a)	(a)	(a)	1.31-1.88- —
1876	Scotland	177	(a)	M.	60-60-60	.86-1.00- —	1884	Peru	178	(a)	M.	(a)	.82- .98- —
1877	Mass	190	28	M.	70-70-70	1.65-1.80-1.74	1884	Russia	178	(a)	M.	(a)	.27- .27- .27
1877	N. J	317	287	M.	d70-70-70	1.15-1.80-1.76	1884	Russia	178	(a)	M.	(a)	o.32- .47- —
1877	Pa	382	1014	M.	e56-91-71	1.00-2.75-1.75	1884	Scotland	178	(a)	M.	60-60-60	.93-1.00- —
1877	Germany	177	(a)	M.	(a)	.40- .43- —	1884	Spain	178	(a)	M.	p70-84 —	.48- .63- —
1877	Scotland	177	(a)	M.	60-60-60	.86-1.00- —	1884	Switzerl'd	178	(a)	M.	q65-65-65	.51-1.30- —

a Not reported.
b And uniform.
c Not including hours of 1,744 persons not reported.
d Not including hours of 282 persons not reported.
e Not including hours of 646 persons not reported.
f Not including hours of 284 persons not reported.
g Applies to but 4 of the 5 wage quotations.
h Not including hours of 1,134 persons not reported.
i Not including hours of 1 person not reported.
j And clothing.
k Not including hours of 520 persons not reported.
l Not including hours of 50 persons not reported.
n Applies to but 3 of the 36 wage quotations.
o And lodging and uniform.
p Applies to but 3 of the 5 wage quotations.
q Applies to but 1 of the 12 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRAKEMEN, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 Wales	178	(a) M.	(a)	0.77-0.85- —
1885 Ill	2	100 M.	60-60-60	1.60-1.83-1.72
1885 Ind	224	4026 M.	(a)	1.50-3.00-1.81
1885 Iowa	231	1075 M.	b 49-84-70	1.33-1.94-1.69
1885 Kans	239	546 M.	c 63-91-74	1.50-2.25-1.81
1885 Mass	190	62 M.	70-70-70	1.75-2.00-1.84
1885 Mich	279	1185 M.	(a)	1.10-2.65-1.62
1885 Mo	296	115 M.	(a)	1.48-1.64-1.59
1885 N. J	324	61 M.	(a)	.99-1.32-1.18
1885 Ohio	2	14 M.	60-60-60	1.75-1.75-1.75
1885 Pa	389	7937 M.	(a)	1.41-1.41-1.41
1885 Canada	467	(a) M.	64-65 —	1.15-1.17- —
1886 Ill	2	100 M.	60-60-60	2.00-2.00-2.00
1886 Ill	208	27 M.	d 70-70-70	1.60-2.50-2.47
1886 Ind	2	50 M.	60-60-60	1.58-1.58-1.58
1886 Ind	224	3189 M.	(a)	1.00-2.00-1.63
1886 Iowa	232	1331 M.	e 49-98-65	.75-3.50-1.73
1886 Kans	240	753 M.	(f)	1.55-2.53-1.87
1886 Ky	2	300 M.	55-66-57	1.50-2.00-1.84
1886 La	2	80 M.	60-60-60	2.08-2.30-2.19
1886 Mass	190	38 M.	70-70-70	1.75-2.00-1.86
1886 Miss	2	160 M.	60-60-60	1.83-1.92-1.88
1886 N. J	325	60 M.	(a)	1.15-1.48-1.26
1886 N. Y	2	170 M.	72-72-72	1.38-1.38-1.38
1886 Ohio	2	117 M.	75-75-75	1.75-1.75-1.75
1886 Tenn	2	46 M.	72-72-72	1.66-1.83-1.75
1886 Wyo	2	142 M.	60-60-60	2.31-2.31-2.31
1886 Argentina	57	(a) M.	(a)	.99-1.32- —
1886 Canada	468	(a) M.	63-65 —	1.40-1.63- —
1886 Germany	76	(a) M.	(a)	.45- .65- —
1886 Netherl'ds	456	(a) (a)	70-70-70	.57- .57- .57
1887 Conn	4	965 M.	(a)	1.15-2.75-1.43
1887 Del	4	215 M.	(a)	.49-1.90-1.59
1887 Del	4	1 M.	(a)	g .15- .15- .15
1887 Fla	4	247 M.	(a)	.75-1.50-1.25
1887 Ill	298	322 (a)	(a)	1.61-1.61-1.61
1887 Kans	241	1191 M.	h 68-84-71	1.53-2.31-1.86
1887 Me	4	11 M.	(a)	1.25-1.57-1.35
1887 Me	253	207 M.	(a)	.85-1.71-1.39
1887 Md	4	3788 M.	i 70-70-70	.82-3.25-1.69
1887 Mass	4	2451 M.	(a)	1.15-2.75-1.88
1887 Mass	190	98 M.	70-70-70	1.75-2.00-1.78
1887 Mich	4	752 M.	j 70-70-70	.82-2.30-1.71
1887 Mo	4	1597 M.	(a)	1.32-2.79-1.96
1887 Mo	298	739 (a)	(a)	1.33-1.98-1.97
1887 Nebr	312	428 (a)	k 49-70-66	1.33-2.60-1.86
1887 N. H	4	7 M.	(a)	1.00-1.50-1.29
1887 N. J	4	1212 M.	(a)	.99-2.50-1.79
1887 N. Y	4	2740 M.	(a)	1.00-2.30-1.72
1887 N. C	4	4 M.	(a)	1.00-1.10-1.05
1887 N. C	342	320 M.	l 56-84-72	.54-1.19- .89
1887 Ohio	369	18 M.	70-70-70	1.80-2.50-1.92
1887 Oregon	4	373 M.	(a)	.99-2.30-1.97
1887 Pa	4	4917 M.	(a)	.82-2.75-1.79
1887 Pa	4	198 M.	(a)	g 0.16-0.16-0.16
1887 R. I	4	62 M.	(a)	.33-1.81-1.56
1887 Va	4	198 M.	(a)	1.25-1.90-1.60
1887 W. Va	4	45 M.	(a)	1.50-1.60-1.51
1887 Wis	4	1005 M.	(a)	1.48-2.80-1.77
1887 Canada	469	(a) M.	61-61-61	1.46-1.63- —
1888 Colo	198	389 M.	(a)	1.84-2.63-2.29
1888 Ind	225	3834 M.	n 70-84-78	1.22-2.47-1.79
1888 Iowa	233	1988 M.	o 42-89-67	1.33-2.17-1.84
1888 Kans	242	1057 M.	p 56-77-64	1.33-2.35-1.79
1888 Kans	243	2 M.	(a)	1.80-1.80-1.80
1888 Mass	190	57 M.	70-70-70	1.75-2.00-1.87
1888 Mo	298	876 (a)	(a)	1.25-1.97-1.80
1888 N. J	326	1 (a)	70-70-70	1.57-1.57-1.57
1888 R. I	397	2 M.	(a)	2.00-2.00-2.00
1888 Canada	470	(a) M.	61-61-61	1.22-1.22-1.22
1889 Ind	226	4917 M.	q 56-84-79	1.25-2.50-1.87
1889 Iowa	233	1482 M.	r 42-84-59	1.00-2.32-1.84
1889 Kans	243	902 M.	s 42-84-70	1.17-2.88-1.80
1889 Mass	190	108 M.	70-70-70	1.75-2.00-1.86
1889 Australia	422	(a) (a)	55-55-55	1.46-1.46-1.46
1889 Australia	432	(a) M.	(a)	1.70-1.70-1.70
1889 Canada	471	(a) M.	66-67 —	1.47-1.66- —
1890 Ind	226	5454 M.	t 63-84-79	1.13-2.80-1.98
1890 Kans	244	1 M.	(a)	1.80-1.80-1.80
1890 Mass	190	41 M.	70-70-70	1.75-2.00-1.83
1890 Ohio	371	2451 (a)	42-91-67	1.00-2.43-1.86
1890 Australia	423	(a) (a)	55-55-55	1.46-1.46-1.46
1890 Netherl'ds	666	(a) M.	u 70-105—	.48- .60- —
1890 Netherl'ds	666	(a) M.	56-56-56	v .48- .52- —
1891 Ind	227	6846 M.	x 63-84-77	1.12-2.70-2.05
1891 Me	257	13 M.	70-91-74	1.55-1.73-1.66
1891 Mass	190	82 M.	70-70-70	1.75-2.00-1.93
1891 Minn	191	4 M.	(a)	1.15-1.64-1.27
1891 Nicaragua	106	(a) (a)	(a)	.68- .68- .68
1892 Ind	227	8125 M.	y 63-84-76	1.25-2.83-2.14
1892 Md	263	520 M.	e 63-70-69	1.20-2.20-1.94
1892 Mass	190	84 M.	70-70-70	1.75-2.00-1.93
1892 Minn	191	4 M.	(a)	z 1.15-1.64-1.27
1892 France	505	(a) M.	70-84 —	.82-1.01- —
1892 France	505	(a) M.	(aa)	bb .72-1.11- —
1892 France	505	(a) M.	56-84 —	v .58- .77- —
1892 Netherl'ds	618	(a) M.	(a)	.48- .48- .48
1892 Netherl'ds	618	(a) M.	(a)	cc .40- .60- —
1893 Ill	10	3 M.	(dd)	1.71-2.00-1.81
1893 Ind	228	7909 M.	(ee)	1.31-3.06-2.16
1893 Kans	247	339 M.	(a)	1.50-2.47-1.92
1893 Md	10	5 M.	60-84-72	1.71-2.14-1.97
1893 Mich	285	457 M.	(ff)	.74-3.00-1.73
1893 Minn	191	4 M.	(a)	z 1.15-1.64-1.27
1893 Mont	307	19 M.	(gg)	1.91-3.29-2.40
1893 Mont	307	7 M.	(a)	(hh)
1893 N. Y	10	6 M.	70-70-70	1.70-1.71-1.70
1893 Pa	10	2 M.	60-84-72	1.97-2.86-2.42

a Not reported.
b Not including hours of 154 persons not reported.
c Not including hours of 95 persons not reported.
d Not including hours of 16 persons not reported.
e Not including hours of 502 persons not reported.
f 42-112-72 hours; not including hours of 537 persons not reported.
g Per hour.
h Not including hours of 87 persons not reported.
i Not including hours of 3,779 persons not reported.
j Not including hours of 746 persons not reported.
k Not including hours of 148 persons not reported.
l Not including hours of 157 persons not reported.
n Not including hours of 2,890 persons not reported.
o Not including hours of 1,423 persons not reported.
p Not including hours of 247 persons not reported.
q Not including hours of 4,162 persons not reported.
r Not including hours of 866 persons not reported.
s Not including hours of 68 persons not reported.
t Not including hours of 4,364 persons not reported.
u Applies to but 3 of the 5 wage quotations.
v And premiums.
x Not including hours of 5,170 persons not reported.
y Not including hours of 6,060 persons not reported.
z And board.
aa 84-84-84 hours; applies to but 1 of the 3 wage quotations.
bb And *gratifications*.
cc And bonuses.
dd 65-65-65 hours; not including hours of 2 persons not reported.
ee 70-84-79 hours; not including hours of 5,994 persons not reported.
ff 35-140-81 hours; not including hours of 13 persons not reported.
gg 56-63-62 hours; not including hours of 14 persons not reported.
hh $0.02-.02½-.0221 per mile.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRAKEMEN, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Germany	11	(a) M.	(a)	0.48-0.48-0.48
1893 Netherl'ds	632	(a) (a)	(a)	.48- .48- .48
1893 Switzerl'd.	632	(a) M.	(a)	.48- .51- —
1894 Ind	228	6393 M.	b 70-84-78	1.38-3.31-2.15
1894 Iowa	236	2 M.	70-77-74	2.00-2.14-2.07
1894 Minn	191	4 M.	(a)	c 1.15-1.32-1.19
1894 Mont	308	188 M.	(a)	1.82-2.92-2.12
1894 Mont	309	13 M.	(a)	2.14-2.14-2.14
1894 N. H	316	5 M.	45-74-58	1.21-2.00-1.53
1894 W. Va	406	1378 M.	(a)	.77-1.79-1.31
1895 Ind	229	5450 M.	(a)	1.50-3.13-2.19
1895 Minn	191	5 M.	(a)	c 1.15-1.32-1.18
1895 Mont	309	178 M.	(a)	1.99-2.91-2.11
1895 Wis	413	1 (a)	70-70-70	2.50-2.50-2.50
1895 Canada	187	(a) M.	d 70-70-70	1.10-1.50- —
1895 Nicaragua	140	(a) (a)	(a)	.74- .74- .74
1896 Ala	15	1 M.	(a)	1.75-1.75-1.75
1896 Colo	200	146 M.	70-84-78	2.50-3.25-2.95
1896 Ind	229	5735 M.	(a)	1.42-3.75-2.18
1896 Kans	250	28 M.	e 56-91-76	1.64-2.50-2.05
1896 Minn	8	1 M.	60-60-60	c 1.35-1.35-1.35
1896 Minn	191	5 M.	(a)	c 1.15-1.32-1.18
1896 Mont	310	230 M.	(a)	1.57-2.47-2.04
1896 N. J	8	4 M.	60-60-60	2.00-2.00-2.00
1896 S. C	15	1 M.	(a)	.71- .71- .71
1896 Tenn	15	3 M.	(a)	1.79-1.79-1.79
1896 Canada	184	(a) M.	(a)	1.50-1.97- —
1896 Canada	482	(a) (a)	(a)	1.64-2.79- —
1896 Colombia	184	(a) M.	(a)	.99- .99- .99
1896 Germany	595	(a) M.	(a)	0.47-0.47-0.47
1896 Gr't Brit	587	(a) M.	(a)	.63- .70- —
1896 Mexico	184	(a) M.	f 91-91-91	.50-2.04- —
1896 Spain	184	(a) M.	(a)	.46- .59- —
1897 Kans	251	3 (a)	g 70-84-77	1.96-1.97-1.97
1897 Kans	251	21 (a)	h 70-91-77	i .02- .02- .02
1897 Md	265	829 (a)	j 42-70-67	1.16-2.20-1.90
1897 Mich	289	25 (a)	56-91-81	1.48-2.12-1.70
1897 Mich	289	6 (a)	77-84-79	i .019-.02- .02
1897 Mont	311	233 (a)	(a)	1.78-2.50-2.04
1897 Germany	595	(a) M.	(a)	.48- .48- .48
1898 Ind	230	5563 (a)	k 42-84-71	1.25-3.05-2.16
1898 Kans	252	891 M.	l 56-77-70	1.97-2.12-2.11
1898 Kans	252	24 M.	(m)	i .02-.02¼-.0201
1898 Mo	306	1622 (a)	56-84-69	1.35-2.18-1.96
1898 Nebr	314	284 (a)	(n)	1.00-3.46-1.92
1898 Nebr	314	7 (a)	(a)	i .02- .02- .02
1898 N. J	329	426 M.	(a)	1.71-1.80-1.79
1898 Wash	405	353 (a)	(a)	1.96-2.50-2.23
1898 Australia	429	(a) (a)	56-56-56	1.95-1.95-1.95
1898 Germany	151	(a) (a)	(a)	.51- .78- —
1899 Mass	18	2245 M.	(a)	1.50-2.20-1.87
1899 Pa	18	2729 M.	(a)	1.50-2.30-1.79
1899 Pa	18	349 (a)	(a)	o .15- .16-.15½
1899 Uruguay	157	(a) (a)	(a)	.99-1.48- —
1900 Mass	18	2279 M.	(a)	1.50-2.20-1.87
1900 Pa	18	2685 M.	(a)	1.50-2.30-1.84
1900 Pa	18	357 (a)	(a)	o .15- .16.-15½

BRANCHERS, OSTRICH FEATHERS.

1885	N. Y.	7	3	F.	(a)	.50-1.25- .81	1888	N. Y.	331	2	F.	(a)	.83- .83- .83
1887	N. Y.	3	1	F.	51-51-51	1.33-1.33-1.33	1895	N. Y.	7	4	F.	45-45-45	.58-1.83-1.21

BRANCHMEN, MINING.

1873	England	185	(a)	M.	(a)	p .72-1.21- —	1884	England	178	(a)	M.	50-50-50	.93-1.22- —
1877	England	570	(a)	M.	60-60-60	.73- .73- .73							

BRASS BEATERS.

1884	Italy	178	(a)	M.	(a)	.38- .58- —	1894	France	129	(a)	M.	60-60-60	1.21-1.21-1.21

BRASS FINISHERS.

1839	England	562	(a)	M.	58-58-58	1.22-1.22-1.22	1850	Scotland	563	(a)	(a)	60-60-60	.73- .73- .73
1840	England	564	(a)	F.	48-48-48	.81-1.22- —	1859	England	562	(a)	M.	58-58-58	1.14-1.14-1.14
1840	England	564	(a)	(a)	56-56-56	.65-1.42- —	1860	England	564	(a)	F.	48-48-48	.81-1.22- —
1840	Scotland	563	(a)	(a)	60-60-60	.73- .73- .73	1860	England	564	(a)	(a)	56-56-56	.65-1.42- —
1849	England	562	(a)	M.	58-58-58	1.14-1.14-1.14	1860	Scotland	563	(a)	(a)	60-60-60	.89- .89- .89
1850	England	564	(a)	F.	48-48-48	.81-1.22- —	1861	Scotland	564	(a)	(a)	60-60-60	.89- .89- .89
1850	England	564	(a)	(a)	56-56-56	.65-1.42- —	1863	Scotland	565	(a)	(a)	(a)	.81- .97- —

a Not reported.
b Not including hours of 4,820 persons not reported.
c And board.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 7 persons not reported.
f Applies to but 1 of the 8 wage quotations.
g Not including hours of 1 person not reported.
h Not including hours of 2 persons not reported.
i Per mile.
j Not including hours of 796 persons not reported.
k Not including hours of 1,667 persons not reported.
l Not including hours of 888 persons not reported.
m 49-112-74 hours; not including hours of 8 persons not reported.
n 56-112-70 hours; not including hours of 22 persons not reported.
o Per hour.
p And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS FINISHERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 Scotland	566	(a) M.	57-57-57	0.89-0.89-0.89
(b) England	567	(a) M.	59-59-59	.14-1.30- —
1869 Mass	266	1 M.	60-60-60	3.00-3.00-3.00
1869 Peru	609	(a) (a)	(a)	2.56-3.65- —
1870 England	177	(a) M.	61-61-61	1.04-1.20- —
1871 England	185	(a) (a)	(a)	1.41-1.41-1.41
1872 Ohio	359	1 M.	(a)	3.33-3.33-3.33
1872 Scotland	185	(a) (a)	51-51-51	1.01-1.01-1.01
1873 England	185	(a) M.	(a)	1.27-1.31- —
1873 Scotland	178	(a) M.	72-72-72	1.00-1.10- —
1874 England	569	(a) M.	54-54-54	2.03-2.03-2.03
1874 Scotland	177	(a) M.	51-51-51	1.00-1.08- —
1874 Scotland	185	(a) M.	51-51-51	1.13-1.20- —
1875 Scotland	177	(a) M.	51-51-51	1.00-1.08- —
1876 Australia	171	(a) M.	(a)	c .22- .30- —
1876 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1877 Ohio	359	1 M.	59-59-59	1.67-1.67-1.67
1877 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1878 England	177	(a) M.	d54-54-54	1.23-1.32- —
1878 Scotland	177	(a) M.	51-72 —	1.08-1.20- —
1879 N. J	318	1 M.	60-60-60	1.50-1.50-1.50
1879 Pa	384	1 M.	60-60-60	1.04-1.04-1.04
1880 Scotland	571	(a) M.	54-54-54	1.07-1.22- —
1881 Ohio	7	2 M.	60-60-60	2.00-2.50-2.25
1881 Australia	431	(a) (a)	(a)	c .22½-.30½- —
1882 Mo	294	5 M.	e60-60-60	1.67-2.50-2.28
1882 Ohio	364	40 (a)	60-72-62	1.75-3.00-2.18
1883 Mass	273	44 M.	(a)	1.50-2.00-1.83
1883 Mass	273	4 (a)	(a)	.83- .83- .83
1883 England	43	(a) (a)	54-54-54	1.34-1.82- —
1883 Gr't Brit	273	(a) M.	(a)	1.22-2.03- —
1883 Scotland	572	(a) M.	54-54-54	1.28-1.28-1.28
1884 Mich	278	64 M.	(a)	2.25-3.50-2.30
1884 Mo	295	1 M.	60-60-60	2.75-2.75-2.75
1884 N. J	7	2 M.	(a)	2.00-2.00-2.00
1884 Canada	178	(a) (a)	60-60-60	1.17-2.33- —
1884 Canada	466	(a) M.	60-60-60	1.38-1.64- —
1884 C. of G'd H.	178	(a) (a)	(a)	2.73-2.73-2.73
1884 England	178	(a) M.	53-54 —	1.08-1.58- —
1884 Scotland	178	(a) M.	54-72 —	1.01-1.26- —
1884 Wales	178	(a) M.	(a)	1.23-1.23-1.23
1885 Mich	279	2 M.	(a)	2.00-2.00-2.00
1885 N. J	324	3 M.	60-60-60	2.00-2.50-2.28
1885 Ohio	367	1 M.	48-48-48	2.65-2.65-2.65
1885 Australia	175	(a) (a)	(a)	1.94-2.92- —
1885 Australia	431	(a) (a)	(a)	c.24½-.30½- —
1885 Canada	467	(a) M.	59-59-59	1.43-1.48- —
1885 Gr't Brit	1	(a) M.	60-60-60	.45-1.20- —
1886 Ill	208	11 M.	60-60-60	2.50-2.50-2.50
1886 Ohio	2	82 M.	60-60-60	1.79-1.96-1.88
1886 Australia	184	(a) (a)	(a)	1.94-2.67- —
1886 Canada	468	(a) M.	60-60-60	1.85-1.94- —
1886 England	604	(a) M.	f54-54-54	1.08-1.51- —
1886 Scotland	604	(a) M.	g54-54-54	1.08-1.21- —
1887 Conn	202	6 F.	(a)	.67- .67- .67
1887 Ill	3	3 F.	59-59-59	.58- .68- .62
1887 Md	4	24 M.	(a)	1.50-2.45-1.78
1887 Ohio	369	42 M.	60-60-60	2.00-2.50-2.32
1887 Pa	390	1 M.	60-60-60	2.00-2.00-2.00
1887 Wis	409	87 M.	(a)	2.14-2.14-2.14
1887 Australia	420	(h) (a)	48-48-48	1.95-2.92- —
1887 Canada	469	(a) M.	59-59-59	1.54-1.67- —
1888 N. J	326	249 M.	(a)	2.00-2.50-2.11
1888 N. Y	331	216 M.	h51-60-57	1.50-3.16-2.48
1888 Australia	421	(a) M.	48-48-48	1.95-2.43- —
1888 Australia	432	(a) M.	(a)	2.56-2.56-2.56
1888 Canada	470	(a) M.	59-59-59	1.71-1.71-1.71
1889 Australia	422	(a) (a)	48-48-48	2.19-2.68- —
1889 Australia	432	(a) M.	(a)	2.43-2.47- —
1889 Canada	471	(a) M.	57-58 —	1.60-1.78- —
1890 Mich	282	153 M.	60-60-60	.50-4.17-1.57
1890 N. Y	333	265 M.	(a)	1.17-5.00-2.33
1890 Australia	423	(a) (a)	48-48-48	2.19-2.68- —
1890 England	575	(a) M.	54-54-54	1.14-1.14-1.14
1891 N. Y	333	336 M.	(a)	.67-5.00-2.13
1891 N. Y	333	2 F.	(a)	.50- .50- .50
1891 Ohio	372	181 M.	54-60-59	1.50-2.50-1.74
1891 England	576	(a) M.	54-54-54	1.14-1.14-1.14
1891 Scotland	576	(a) M.	(a)	1.22-1.22-1.22
1892 Cal	196	39 M.	54-60-58	1.25-3.83-2.36
1892 Mass	20	5 M.	60-60-60	1.50-2.00-1.75
1892 Mo	301	4 M.	(a)	2.25-2.50-2.40
1892 Australia	424	(a) M.	(a)	2.03-2.24- —
1892 England	578	(a) M.	53-54 —	1.28-1.34- —
1892 England	632	(a) M.	53-53-53	1.38-1.46- —
1892 France	505	(a) M.	60-60-60	.87-1.01- —
1892 Scotland	11	(a) (a)	(a)	1.22-1.22-1.22
1892 Scotland	577	(a) M.	54-54-54	1.20-1.20-1.20
1892 Scotland	632	(a) M.	51-54 —	1.21-1.21-1.21
1893 Ill	10	11 M.	48-60-58	1.33-3.00-2.27
1893 Md	10	5 M.	60-60-60	.83-2.00-1.23
1893 Mass	20	4 M.	60-60-60	1.50-2.25-1.81
1893 Mich	285	1 M.	60-60-60	2.50-2.50-2.50
1893 Mo	302	4 M.	60-60-60	2.40-2.40-2.40
1893 N. Y	10	2 M.	58-60-59	1.75-2.25-2.00
1893 Ohio	374	495 M.	i 53-60-59	1.00-3.00-1.83
1893 England	578	(a) M.	54-54-54	1.14-1.14-1.14
1893 England	589	(a) M.	48-54 —	.73-1.70- —
1893 Ireland	589	(a) M.	54-54-54	1.30-1.30-1.30
1893 Scotland	589	(a) M.	54-54-54	1.16-1.32- —
1893 Wales	589	(a) M.	54-54-54	1.46-1.58- —
1894 Mass	20	4 M.	60-60-60	1.70-2.25-1.84
1894 N. H	316	4 M.	59-59-59	1.08-1.33-1.25
1894 Ohio	374	2 M.	(a)	2.42-2.50-2.46
1894 Ohio	375	340 M.	j 54-60-60	1.00-4.35-1.62
1894 Australia	416	(a) (a)	(a)	c.24½-.24½-.24½
1894 Australia	425	(a) (a)	(a)	1.62-2.64- —
1894 England	589	(a) M.	53-54 —	1.30-1.30-1.30
1894 Ireland	127	(a) M.	54-54-54	1.30-1.30-1.30
1894 Scotland	590	(a) M.	(a)	.89-1.38- —
1894 Scotland	590	(a) M.	(a)	c.12½- .16- —
1895 Mass	20	1 M.	60-60-60	1.50-1.50-1.50
1895 N. J	7	4 M.	59-59-59	2.00-2.00-2.00
1895 Ohio	376	380 M.	k 54-60-60	1.00-3.00-1.70
1895 Australia	417	(a) (a)	(a)	c.24½-.24½-.24½
1895 Australia	426	(a) (a)	(a)	1.62-2.64- —
1895 Scotland	591	(a) M.	(a)	1.19-1.23- —
1896 N. Y	14	12 M.	60-60-60	3.00-3.00-3.00
1896 Ohio	7	4 M.	60-60-60	1.25-2.50-1.94
1896 Ohio	377	337 M.	i 48-60-56	1.50-2.65-1.78
1896 Australia	427	(a) (a)	(a)	1.62-2.64- —
1896 England	592	(a) M.	(a)	1.18-1.30- —
1897 Australia	418	(a) (a)	(a)	c.24½-.24½-.24½
1897 Australia	428	(a) (a)	(a)	1.46-2.55- —
1897 England	593	(a) (a)	(a)	1.14-1.23- —
1897 Ireland	593	(a) (a)	(a)	1.38-1.46- —
1897 Scotland	587	(a) M.	(a)	1.28-1.37- —
1897 Scotland	587	(a) M.	(a)	c .13- .13- .13
1898 N. J	329	2 M.	60-60-60	1.25-1.50-1.38
1898 N. Y	338	60 M.	60-60-60	2.00-3.50-2.75
1898 Australia	419	(a) (a)	(a)	1.95-1.95-1.95
1898 Australia	419	(a) (a)	(a)	c.24½-.24½-.24½
1898 Australia	429	(a) (a)	(a)	1.46-2.55- —
1898 England	594	(a) (a)	(a)	1.44-1.48- —
1898 N. Zealand	680	(a) M.	(a)	1.71-2.43- —

a Not reported.
b Average for 1867–68.
c Per hour.
d Applies to but 2 of the 4 wage quotations.
e Not including hours of 1 person not reported.
f Applies to but 4 of the 9 wage quotations.
g Applies to but 2 of the 5 wage quotations.
h Not including hours of 23 persons not reported.
i Not including hours of 5 persons not reported.
j Not including hours of 4 persons not reported.
k Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS FINISHERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 England ..	564	(a)	M.	56-56-56	0.12-0.41- —
1850 England ..	564	(a)	M.	56-56-56	.12- .41- —
1860 England ..	564	(a)	(a)	56-56-56	.12- .41- —
1864 England ..	627	(a)	M.	(a)	.10- .10- .10
1887 Md.....	4	1	M.	(a)	1.10-1.10-1.10
1888 N. J	326	100	M.	(a)	1.25-1.42-1.30
1888 N. Y.....	331	1	M.	59-59-59	1.75-1.75-1.75
1890 N. Y.....	333	6	M.	(a)	1.00-1.00-1.00
1891 N. Y.....	333	17	M.	(a)	.67-1.00- .84

BRASS FITTERS.

1840 Scotland ..	563	(a)	(a)	60-60-60	.85- .85- .85	1887 Conn.....	202	3	M.	(a)	2.01-2.01-2.01
1850 Scotland ..	563	(a)	(a)	60-60-60	.85- .85- .85	1887 Ohio	369	4	M.	60-60-60	2.17-2.17-2.17
1860 Scotland ..	563	(a)	(a)	60-60-60	.97- .97- .97	1890 N. Y.....	333	16	M.	(a)	1.75-3.00-2.32
1861 Scotland ..	564	(a)	(a)	60-60-60	.97- .97- .97	1891 N. Y.....	333	36	M.	(a)	.83-3.00-2.07
1866 Scotland ..	566	(a)	M.	57-57-57	1.05-1.05-1.05	1891 France	505	(a)	M.	66-66-66	1.30-1.74- —
1871 Brazil.....	611	(a)	M.	60-60-60	.81-1.14- —	1892 Cal.....	196	2	M.	57-60-59	2.25-4.00-3.13
1874 Canada ...	185	(a)	M.	60-60-60	1.33-1.33-1.33	1892 Pa	20	6	M.	60-60-60	1.46-3.28-2.51
1874 England ..	185	(a)	(a)	54-54-54	1.13-1.29- —	1892 England ..	632	(a)	(a)	(a)	b 18½-.20½- —
1878 England ..	43	(a)	(a)	(a)	1.30-1.30-1.30	1892 France	505	(a)	M.	60-66 —	.34-1.16- —
1883 England ..	43	(a)	(a)	(a)	1.22-1.22-1.22	1892 Scotland ..	577	(a)	M.	53-53-53	1.46-1.46-1.46
1883 Scotland ..	43	(a)	(a)	54-54-54	1.46-1.46-1.46	1893 Ohio	374	10	M.	60-60-60	1.50-2.50-1.90
1884 England ..	178	(a)	M.	54-54-54	.81- .81- .81	1894 Ohio	375	7	M.	60-60-60	1.50-1.50-1.50
1884 Germany .	178	(a)	M.	60-60-60	.90- .95- —	1895 Ohio	376	7	M.	60-60-60	1.50-1.50-1.50
1884 Spain	178	(a)	M.	(a)	.83-1.33- —	1896 N. Y.....	7	10	M.	60-60-60	1.00-3.00-2.14
1886 N. Y.....	7	6	M.	(a)	1.00-3.00-2.26	1896 Ohio	377	1	M.	54-54-54	2.75-2.75-2.75

BRASS FITTERS' HELPERS.

1890 N. Y.....	333	10	M.	(a)	.67- .67- .67	1891 N. Y.....	333	4	M.	(a)	.67- .67- .67

BRASS FOUNDERS.

1839 England ..	562	(a)	M.	58-58-58	1.22-1.22-1.22	1871 Germany .	185	(a)	M.	(a)	.30- .60- —
1840 Scotland ..	563	(a)	(a)	60-60-60	.73- .73- .73	1871 Norway ...	185	(a)	(a)	(a)	.54- .72- —
1849 England ..	562	(a)	M.	58-58-58	1.38-1.38-1.38	1872 Ohio	361	1	M.	(a)	3.00-3.00-3.00
1850 Scotland ..	563	(a)	(a)	60-60-60	.73- .73- .73	1872 Germany .	185	(a)	M.	(a)	.72-1.20- —
1857 Ireland ...	563	(a)	(a)	57-57-57	.97-1.14- —	1873 Germany .	185	(a)	(a)	60-60-60	1.20-1.44- —
(c) Scotland ..	561	(a)	(a)	(a)	.81- .81- .81	1873 Switzerl'd.	185	(a)	M.	(a)	.57- .57- .57
1858 Ireland ...	562	(a)	M.	(a)	.97-1.22- —	1873 Switzerl'd.	714	(a)	(a)	63-63-63	.82- .82- .82
1859 England ..	562	(a)	M.	58-58-58	1.38-1.38-1.38	1874 Pa	380	2	M.	(a)	2.05-2.05-2.05
1859 England ..	563	(a)	M.	58-58-58	1.22-1.22-1.22	1874 Canada ...	185	(a)	M.	59-60 —	1.50-1.67- —
1860 Germany..	185	(a)	M.	(a)	.42- .42- .42	1874 England ..	185	(a)	(a)	54-54-54	1.21-1.61- —
1860 Ireland ...	563	(a)	(a)	57-57-57	.97-1.14- —	1874 Germany .	177	(a)	M.	66-66-66	1.07-1.07-1.07
1860 Russia	609	(a)	M.	(a)	.50- .50- .50	1874 Scotland ..	185	(a)	M.	51-51-51	1.46-1.46-1.46
1860 Scotland ..	563	(a)	(a)	60-60-60	.89- .89- .89	1875 Germany .	177	(a)	M.	66-66-66	1.07-1.07-1.07
1861 Scotland ..	564	(a)	(a)	60-60-60	1.05-1.05-1.05	1876 Pa	381	14	M.	(a)	1.25-2.93-1.89
1863 Scotland ..	565	(a)	(a)	(a)	1.01-1.22- —	1876 Pa	382	25	M.	(a)	b .05- .20- .19
1864 Germany..	185	(a)	M.	(a)	.54- .54- .54	1878 Pa	383	2	M.	54-60-57	1.35-2.15-1.75
1865 Germany..	185	(a)	M.	(a)	.52- .52- .52	1878 Denmark..	177	(a)	M.	(a)	.70- .70- .70
1866 Scotland ..	566	(a)	M.	57-57-57	.81- .81- .81	1878 England ..	177	(a)	M.	d 54-54-54	1.20-1.38- —
1868 England ..	567	(a)	M.	59-59-59	.14-1.42- —	1878 Germany..	177	(a)	M.	(a)	.50- .92- —
1868 Germany..	177	(a)	M.	66-66-66	.77- .77- .77	1878 Italy	177	(a)	M.	(a)	.79- .92- —
1869 Germany..	609	(a)	M.	(a)	.24-1.16- —	1878 Scotland ..	177	(a)	M.	e 51-56 —	1.03-1.15- —
1869 Russia	185	(a)	M.	(a)	.49- .49- .49	1878 Spain	177	(a)	M.	(a)	1.00-1.00-1.00
1869 Turk. in A.	609	(a)	(a)	(a)	.30- .43- —	1879 Ohio	361	1	M.	(a)	2.95-2.95-2.95
1870 Germany .	610	(a)	M.	72-72-72	.24-1.16- —	1879 Pa	384	6	(a)	60-60-60	1.50-2.50-2.22
1870 Italy	610	(a)	M.	(a)	.39- .58- —	1879 Germany..	545	(a)	M.	(a)	.48- .83- —
1870 Norway ...	610	(a)	M.	(a)	.54- .72- —	1880 Germany..	546	(a)	M.	(a)	.40- .83- —
1870 Russia	610	(a)	M.	(a)	.14-1.37- —	1881 Germany..	178	(a)	M.	(a)	.60- .60- .60
1870 Switzerl'd.	610	(a)	M.	(a)	.48- .62- —	1882 Germany..	554	(a)	(a)	60-66 —	.40-1.19- —
1871 Germany .	177	(a)	M.	66-66-66	.89- .95- —	1883 England ..	43	(a)	(a)	(a)	1.54-1.54-1.54

a Not reported.
b Per hour.
c Average for 1855-57.
d Applies to but 1 of the 3 wage quotations.
e Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS FOUNDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Germany..	555	(a)	(a)	60-66 —	0.52-1.19- —
1883 Germany..	555	(a)	(a)	60-60-60	b.12- .36- —
1883 Ireland ...	43	(a)	(a)	(a)	1.22-1.22-1.22
1884 Australia..	178	(a)	(a)	48-48-48	1.94-2.92- —
1884 Aust-Hun .	178	(a)	M.	72-77 —	.47- .94- —
1884 Belgium ..	178	(a)	M.	c60-72 —	.50-1.45- —
1884 Brazil	178	(a)	(a)	d60-60-60	.42-4.30- —
1884 Br. Guiana	178	(a)	M.	57-57-57	.54-6.67- —
1884 Canada ...	178	(a)	M.	e60-60-60	1.00-2.50- —
1884 C.of G'd H.	178	(a)	(a)	60-60-60	1.33-2.00- —
1884 Ceylon	178	(a)	(a)	53-53-53	.29- .58- —
1884 China	178	(a)	M.	60-60-60	.23- .31- —
1884 Cuba	178	(a)	(a)	(a)	1.40-1.40-1.40
1884 Denmark .	178	(a)	M.	60-60-60	.63-1.07- —
1884 Ecuador ..	178	(a)	M.	60-60-60	1.50-2.00- —
1884 England ..	178	(a)	M.	f53-57 —	.73-2.43- —
1884 France	178	(a)	M.	60-66 —	.77-1.64- —
1884 France	178	(a)	F.	72-72-72	1.16-1.39- —
1884 Germany..	178	(a)	M.	g60-78 —	.36-1.43- —
1884 Germany..	556	(a)	(a)	60-66 —	.60-1.19- —
1884 Gibraltar..	178	(a)	M.	56-56-56	.83-1.67- —
1884 Ireland ...	178	(a)	M.	h56-60 —	.97-1.62- —
1884 Italy	178	(a)	M.	i48-72 —	.19-1.16- —
1884 Madeira Is.	178	(a)	M.	54-54-54	.65- .65- .65
1884 Mexico ...	178	(a)	(a)	j60-60-60	1.50-4.00- —
1884 Morocco ..	178	(a)	(a)	60-72 —	.50-1.50- —
1884 Netherl'ds	178	(a)	M.	60-63 —	.53- .96- —
1884 N. Zealand	178	(a)	(a)	60-60-60	2.43-3.41- —
1884 Persia.....	178	(a)	(a)	(a)	.12- .18- —
1884 Philip. Is..	178	(a)	M.	(a)	1.50-2.50- —
1884 Russia	178	(a)	M.	60-72 —	.47-1.68- —
1884 Scotland ..	178	(a)	M.	k51-51-51	.81-1.19- —
1884 Spain	178	(a)	M.	57-72 —	.50-1.50- —
1884 Switzerl'd.	178	(a)	M.	l60-66 —	.77-1.61- —
1884 Turkey ...	178	(a)	M.	(a)	.44- .70- —
1884 Turk. in A.	178	(a)	(a)	66-66-66	.68-2.04- —
1884 Venezuela	178	(a)	(a)	(a)	3.00-5.67- —
1884 Wales	178	(a)	M.	n54-54-54	1.23-1.62- —
1885 Ecuador ..	134	(a)	(a)	(a)	.24- .24- .24
1885 Germany..	547	(a)	(a)	(a)	.60- .83- —
1886 Argentina.	57	(a)	M.	60-60-60	3.00-3.25- —
1886 England ..	604	(a)	M.	o54-54-54	1.12-1.52- —
1886 Germany..	184	(a)	M.	(a)	.89- .95- —
1886 Ireland ...	604	(a)	M.	54-54-54	1.12-1.12-1.12
1886 Scotland ..	604	(a)	M.	j54-54-54	1.16-1.24- —
1887 Germany..	557	(a)	(a)	57-66 —	.60-1.19- —
1888 Germany..	558	(a)	(a)	60-60-60	0.60-2.38- —
1888 Germany..	615	(a)	M.	(a)	.50-1.03- —
1889 Germany..	550	(a)	M.	(a)	.60- .99- —
1889 Germany..	615	(a)	M.	(a)	.50-1.02- —
1889 Italy	95	(a)	(a)	(a)	.67- .67- .67
1890 Netherl'ds	666	(a)	M.	n78-78-78	.54- .89- —
1891 N. Y.....	333	11	M.	(a)	.70-2.80-1.34
1891 Australia..	134	(a)	M.	(a)	2.73-2.73-2.73
1891 Aust-Hun .	134	(a)	(a)	(a)	.47- .47- .47
1891 China	105	(a)	(a)	(a)	.25- .25- .25
1891 China	134	(a)	(a)	60-60-60	.27- .27- .27
1891 France	505	(a)	M.	p59-77 —	1.16-2.41- —
1891 Germany..	184	(a)	M.	(a)	.95- .99- —
1891 Germany..	551	(a)	(a)	(a)	.71- .95- —
1892 England ..	577	(a)	M.	53-54 —	1.14-1.32- —
1892 England ..	578	(a)	M.	53-54 —	1.18-1.38- —
1892 England ..	578	(a)	M.	(a)	q.16- .16- .16
1892 England ..	632	(a)	M.	53-54 —	1.14-1.38- —
1892 France	505	(a)	M.	60-77 —	.77-1.35- —
1892 Germany..	184	(a)	M.	(a)	.95- .99- —
1892 Ireland ...	577	(a)	M.	54-54-54	1.22-1.38- —
1892 Ireland ...	578	(a)	M.	54-54-54	1.38-1.38-1.38
1892 Ireland ...	632	(a)	M.	54-54-54	1.38-1.46- —
1892 Japan	134	(a)	(a)	(a)	.50- .50- .50
1892 Russia	692	(a)	(a)	(a)	.09-1.31- —
1892 Scotland ..	577	(a)	M.	51-51-51	1.21-1.21-1.21
1892 Scotland ..	578	(a)	M.	51-51-51	1.21-1.21-1.21
1893 N. Y.....	10	1	M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	41	M.	60-60-60	1.50-2.30-1.91
1893 Ireland ...	578	(a)	M.	54-54-54	1.38-1.38-1.38
1893 Ireland ...	583	(a)	M.	(a)	1.34-1.38- —
1894 Ohio	374	1	M.	(a)	1.50-1.50-1.50
1894 Australia..	134	(a)	M.	48-48-48	2.67-2.67-2.67
1894 Aust-Hun .	434	(a)	M.	60-60-60	.68-1.62- —
1894 England ..	589	(a)	M.	53-54 —	1.14-1.46- —
1894 France	134	(a)	(a)	(a)	1.09-1.09-1.09
1894 Scotland ..	589	(a)	M.	51-54 —	1.12-1.21- —
1895 France....	509	(a)	(a)	60-63 —	.82-1.35- —
1896 England ..	592	(a)	M.	(a)	1.05-1.46- —
1896 France....	505	(a)	M.	60-60-60	.68- .68- .68
1896 Ireland ...	592	(a)	M.	(a)	1.30-1.38- —
1896 Scotland ..	592	(a)	M.	(a)	.89- .97- —
1897 Aust-Hun .	437	(a)	(a)	57-57-57	1.22-1.22-1.22
1897 Ireland ...	593	(a)	(a)	(a)	1.38-1.50- —
1899 England ..	588	(a)	(a)	(a)	1.58-1.62- —

BRASS FOUNDERS' HELPERS.

1876 Pa	381	1	M.	(a)	1.80-1.80-1.80	1884 England ..	178	(a)	M.	(a)	.12- .73- —
1878 Pa	383	1	M.	54-54-54	1.20-1.20-1.20						

BRASS MELTERS.

1884 England ..	178	(a)	M.	54-54-54	2.17-2.50- —	1890 N. Y.....	333	1	M.	(a)	1.75-1.75-1.75
1885 N. J	324	1	M.	60-60-60	2.00-2.00-2.00	1891 N. Y.....	333	1	M.	(a)	1.75-1.75-1.75
1885 N. Y.....	1	1	M.	60-60-60	3.00-3.00-3.00	1893 Ohio	374	1	M.	60-60-60	2.50-2.50-2.50
1888 N. Y.....	331	3	M.	57-59-58	2.00-2.25-2.17	1894 Ohio	375	4	M.	60-60-60	2.00-2.50-2.25
1890 Mich.....	282	3	M.	60-60-60	1.00-1.25-1.17						

a Not reported.
b And board and lodging.
c Applies to but 4 of the 6 wage quotations.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 7 of the 12 wage quotations.
f Applies to but 15 of the 37 wage quotations.
g Applies to but 50 of the 55 wage quotations.
h Applies to but 6 of the 8 wage quotations.
i Applies to but 13 of the 17 wage quotations.
j Applies to but 1 of the 4 wage quotations.
k Applies to but 5 of the 8 wage quotations.
l Applies to but 6 of the 10 wage quotations.
n Applies to but 1 of the 2 wage quotations.
o Applies to but 7 of the 9 wage quotations.
p Applies to but 5 of the 7 wage quotations.
q Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS MOLDERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1839 England	562	(a) M.	58-58-58	1.70-1.70-1.70
1840 England	564	(a) (a)	48-63 —	1.01-1.14- —
1842 Conn	8	2 M.	66-66-66	1.50-1.50-1.50
1845 England	8	(a) M.	60-60-60	1.75-1.75-1.75
1849 England	562	(a) M.	58-58-58	1.22-1.22-1.22
1850 Conn	8	2 M.	60-60-60	1.50-1.50-1.50
1850 Mass	8	3 M.	66-66-66	1.75-1.75-1.75
1850 England	564	(a) (a)	48-63 —	1.01-1.14- —
1859 England	562	(a) M.	58-58-58	1.22-1.22-1.22
1860 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1860 England	563	(a) M.	(a)	1.22-1.22-1.22
1860 England	564	(a) (a)	48-63 —	1.01-1.14- —
1861 England	564	(a) M.	60-60-60	1.14-1.22- —
1862 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1866 Scotland	566	(a) M.	57-57-57	1.38-1.38-1.38
1868 Germany	177	(a) M.	66-66-66	.60- .60- .60
1869 Germany	177	(a) M.	66-66-66	.60- .60- .60
1870 England	177	(a) M.	61-61-61	1.04-1.04-1.04
1870 Germany	177	(a) M.	66-66-66	.71- .71- .71
1871 Mass	267	2 M.	60-60-60	3.00-3.25-3.13
1871 England	185	(a) M.	59-59-59	1.05-1.45- —
1871 Germany	177	(a) M.	66-66-66	.71- .71- .71
1872 England	185	(a) (a)	54-54-54	1.45-1.69- —
1872 Germany	177	(a) M.	66-66-66	.83- .83- .83
1873 Pa	379	1 M.	(a)	2.80-2.80-2.80
1873 England	185	(a) M.	(a)	1.34-1.69- —
1873 Germany	177	(a) M.	66-66-66	.83- .83- .83
1874 England	569	(a) M.	50-50-50	2.23-2.23-2.23
1874 Germany	177	(a) M.	66-66-66	.83- .83- .83
1875 Germany	177	(a) M.	66-66-66	.83- .83- .83
1876 Pa	381	4 M.	(a)	2.00-3.64-2.66
1876 Australia	171	(a) M.	(a)	b .28- .32- —
1877 Pa	382	2 M.	48-48-48	2.50-2.50-2.50
1877 Scotland	570	(a) M.	51-51-51	.24-1.14- —
1878 Ohio	360	1 M.	60-60-60	2.95-2.95-2.95
1878 Pa	383	2 M.	48-48-48	2.20-2.20-2.20
1878 Australia	177	(a) M.	(a)	b .28- .32- —
1878 England	177	(a) M.	54-54-54	.96-1.32- —
1878 Scotland	177	(a) M.	54-54-54	1.26-1.26-1.26
1880 Ill	7	26 M.	60-60-60	1.50-2.25-1.87
1880 England	571	(a) M.	49-54 —	.41-2.23- —
1880 Scotland	571	(a) M.	54-54-54	.63-1.30- —
1881 Mass	7	4 M.	60-60-60	2.50-3.50-2.94
1881 N. Y	2	386 M.	59-60-60	2.50-3.00-2.65
1881 Ohio	7	1 M.	60-60-60	2.50-2.50-2.50
1881 Australia	431	(a) (a)	(a)	b .28⅛-.30⅝- —
1882 Conn	2	15 (a)	60-60-60	3.00-3.00-3.00
1882 Mo	294	4 M.	60-60-60	2.00-2.50-2.38
1882 Ohio	364	32 (a)	c 60-60-60	1.25-3.00-2.15
1883 N. J	7	6 M.	75-75-75	1.33-2.00-1.78
1883 N. J	322	3 M.	60-60-60	2.00-3.00-2.50
1883 England	43	(a) (a)	54-54-54	1.22-2.43- —
1883 England	572	(a) M.	54-54-54	1.22-1.46- —
1883 Germany	47	(a) M.	78-78-78	.63- .79- —
1883 Scotland	572	(a) M.	54-54-54	1.36-1.40- —
1884 Cal	192	2 M.	60-60-60	3.00-3.00-3.00
1884 Mich	278	17 M.	(a)	2.50-5.00-2.74
1884 Mo	295	2 M.	60-60-60	2.50-2.58-2.54
1884 N. J	323	10 M.	60-60-60	2.50-2.50-2.50
1884 Ohio	367	8 M.	(a)	2.20-2.42-2.28
1884 Canada	178	(a) (a)	60-60-60	1.00-2.33- —
1884 Canada	466	(a) M.	59-59-59	1.72-1.72-1.72
1884 C. of G'd H	178	(a) (a)	(a)	2.98-2.98-2.98
1884 England	178	(a) M.	54-54-54	1.00-1.83- —
1884 Germany	178	(a) M.	60-60-60	.60- .76- —
1884 Russia	178	(a) M.	(a)	.96-1.68- —
1884 Scotland	178	(a) M.	54-72 —	1.21-1.38- —
1885 Mass	1	20 M.	(a)	2.00-3.60-2.08
1885 Mich	279	3 M.	(a)	1.90-2.50-2.27
1885 N. J	324	6 M.	60-60-60	2.50-3.00-2.75
1885 Ohio	367	6 M.	(a)	2.25-2.42-2.31
1885 Australia	431	(a) (a)	(a)	b .28⅛-.30⅝- —
1885 Canada	467	(a) M.	56-56-56	1.67-1.67-1.67
1885 Gr't Brit	1	(a) M.	60-60-60	.80-4.30- —
1886 Cal	193	1 M.	60-60-60	3.00-3.00-3.00
1886 Conn	2	100 M.	59-60-59	2.00-3.15-2.62
1886 N. J	7	3 M.	60-60-60	1.00-1.00-1.00
1887 Conn	202	27 M.	(a)	.41-2.23- .86
1887 Md	4	2 M.	(a)	2.00-2.25-2.13
1887 Mich	4	3 M.	d 60-60-60	1.75-2.75-2.17
1887 Mo	4	5 M.	(a)	2.25-2.25-2.25
1887 N. J	4	3 M.	(a)	2.00-2.50-2.23
1887 N. Y	4	7 M.	(a)	1.50-2.35-1.69
1887 N. Y	4	2 M.	(a)	b .16- .18- .17
1887 Pa	4	6 M.	(a)	2.25-2.88-2.68
1887 Wis	4	2 M.	(a)	2.80-3.00-2.90
1887 Australia	420	(a) (a)	48-48-48	2.27-2.43- —
1887 Germany	557	(a) (a)	60-60-60	.91-1.23- —
1888 Mich	280	1 M.	60-60-60	1.73-1.73-1.73
1888 N. J	326	77 M.	e 60-60-60	2.25-2.75-2.32
1888 N. Y	331	182 M.	f 48-60-58	2.00-4.00-2.67
1888 N. Y	331	1 M.	(a)	b .33- .33- .33
1888 Australia	421	(a) M.	48-48-48	2.27-2.43- —
1888 Australia	432	(a) M.	(a)	2.56-2.56-2.56
1888 Canada	470	(a) M.	60-60-60	1.95-1.95-1.95
1888 Germany	558	(a) (a)	57-57-57	1.01-1.06- —
1889 Canada	471	(a) M.	59-59-59	1.90-1.90-1.90
1890 Mich	282	93 M.	60-60-60	.58-4.00-1.99
1890 N. Y	333	112 M.	(a)	1.25-5.00-2.67
1890 Ohio	371	94 (a)	48-60-59	1.62-2.50-2.01
1890 Gr't Brit	632	(a) M.	54-54-54	1.22-1.46- —
1891 N. Y	333	200 M.	(a)	1.17-5.00-2.46
1891 Ohio	372	152 M.	48-60-59	1.25-2.75-1.91
1891 England	576	(a) M.	g 53-53-53	1.26-1.46- —
1891 Germany	551	(a) (a)	(a)	.78-1.97- —
1891 Scotland	576	(a) M.	54-54-54	1.26-1.26-1.26
1892 Cal	196	9 M.	57-60-58	1.50-5.00-2.86
1892 Mo	301	66 M.	d 60-60-60	2.25-2.25-2.25
1892 Australia	424	(a) M.	(a)	2.19-2.43- —
1892 England	119	(a) M.	(a)	4.00-4.00-4.00
1892 England	577	(a) M.	53-53-53	1.42-1.42-1.42
1892 England	578	(a) M.	54-54-54	1.38-1.38-1.38
1892 France	11	(a) M.	(a)	.74- .74- .74
1892 France	505	(a) M.	60-72 —	.34-1.45- —
1892 Scotland	577	(a) M.	54-54-54	1.14-1.34- —
1893 Ill	10	4 M.	59-60-60	1.67-3.00-2.50
1893 Md	10	2 M.	60-60-60	.67-2.50-1.59
1893 Mich	285	1 M.	60-60-60	2.60-2.60-2.60
1893 N. Y	10	3 M.	d 53-59-56	2.00-3.33-2.56
1893 Ohio	374	1316 M.	h 45-60-60	.60-3.50-2.15
1893 Pa	8	1 M.	60-60-60	3.00-3.00-3.00
1893 Australia	415	(a) (a)	(a)	1.70-2.68- —
1893 France	507	(a) (a)	60-60-60	.48-1.12- —
1893 N. Zealand	668	(a) M.	(a)	2.31-3.41- —
1894 Iowa	236	3 M.	48-60-54	1.58-2.25-1.83
1894 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1894 Ohio	374	2 M.	(a)	1.17-1.25-1.21
1894 Ohio	375	129 M.	i 54-60-60	1.50-4.00-2.14
1894 Ohio	375	1 F.	48-48-48	1.40-1.40-1.40
1894 Australia	425	(a) (a)	(a)	2.11-2.64- —
1894 Aust-Hun	434	(a) M.	60-60-60	.68-1.62- —
1894 England	127	(a) M.	54-54-54	1.28-1.40- —
1894 England	589	(a) M.	53-54 —	1.34-1.38- —
1894 England	590	(a) M.	(a)	1.22-1.87- —
1894 Ireland	127	(a) M.	54-54-54	1.30-1.30-1.30
1894 N. Zealand	669	(a) M.	(a)	2.31-3.49- —

a Not reported.
b Per hour.
c Not including hours of 4 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 76 persons not reported.
f Not including hours of 47 persons not reported.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 269 persons not reported.
i Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS MOLDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Scotland ..	127	(a) M.	54-54-54	1.46-1.46-1.46	1897 Australia..	428	(a) (a)	(a)	1.22-2.43- —
1895 N. J	7	7 M.	60-60-60	1.00-3.00-1.69	1897 England ..	593	(a) (a)	(a)	1.42-1.46- —
1895 Ohio	376	212 M.	b 54-60-60	1.47-3.00-1.98	1897 France	511	(a) M.	60-66 —	.94-1.35- —
1895 Pa.....	8	1 M.	60-60-60	3.00-3.00-3.00	1897 Ireland ...	587	(a) M.	(a)	1.42-1.46- —
1895 Australia..	426	(a) (a)	(a)	2.11-2.64- —	1897 N. Zealand	672	(a) M.	(a)	2.31-2.31-2.31
1895 France	509	(a) (a)	60-60-60	.97-1.16- —	1897 Scotland ..	593	(a) (a)	(a)	1.46-1.50- —
1895 N. Zealand	670	(a) M.	(a)	2.31-3.21- —	1898 N. J	329	20 M.	60-60-60	2.00-3.00-2.35
1896 Conn.....	8	10 M.	60-60-60	2.00-3.00-2.33	1898 N. Y	338	31 M.	60-60-60	3.00-4.00-3.38
1896 Ill.....	7	40 M.	56-56-56	1.50-2.17-1.67	1898 Australia .	429	(a) (a)	(a)	1.22-2.43- —
1896 Ohio	7	1 M.	60-60-60	2.75-2.75-2.75	1898 England ..	594	(a) (a)	(a)	1.50-1.73- —
1896 Ohio	377	136 M.	48-60-58	1.89-2.50-2.07	1898 France	512	(a) M.	60-60-60	1.45-1.45-1.45
1896 Australia..	427	(a) (a)	(a)	1.62-2.64- —	1898 N. Zealand	673	(a) M.	(a)	2.31-2.31-2.31
1896 England ..	592	(a) M.	(a)	1.32-1.62- —	1899 N. Y.....	18	9 (a)	54-54-54	1.78-1.78-1.78
1896 N. Zealand	671	(a) M.	(a)	2.31-2.43- —	1899 N. Zealand	674	(a) M.	(a)	2.43-2.43-2.43
1896 Scotland ..	592	(a) M.	(a)	.89- .97- —	1900 N. Y.....	18	9 (a)	54-54-54	1.78-1.78-1.78
1897 Conn.....	8	2 M.	60-60-60	2.50-2.50-2.50	1900 Sweden ...	160	(a) M.	(a)	.94- .94- .94
1897 Australia..	418	(a) (a)	(a)	c 24½-.24½-.24½					

BRASS MOLDERS' HELPERS.

1840 England ..	564	(a) M.	56-56-56	.12- .41- —	1887 Pa	4	7 M.	(a)	1.00-1.90-1.51
1850 England ..	564	(a) M.	56-56-56	.12- .41- —	1887 Wis	4	2 M.	(a)	1.25-1.25-1.25
1860 England ..	564	(a) M.	56-56-56	.12- .41- —	1888 N. Y.....	331	14 M.	51-60-56	1.33-1.90-1.53
1864 England ..	627	(a) M.	(a)	.08- .14- —	1888 N. Y.....	331	1 M.	(a)	c .19- .19- .19
1880 England ..	571	(a) M.	54-54-54	.36- .93- —	1890 Mich.....	282	2 M.	60-60-60	1.20-1.25-1.23
1881 Ohio	7	4 M.	60-60-60	.67- .67- .67	1891 N. Y.....	333	8 M.	(a)	1.48-2.00-1.65
1884 C. of G'd H.	178	(a) (a)	(a)	.54-1.21- —	1893 Ohio	374	2 M.	60-60-60	1.50-1.50-1.50
1885 Mich.....	279	2 M.	(a)	1.00-1.00-1.00	1894 Ohio	375	1 M.	60-60-60	1.00-1.00-1.00
1885 Gr't Brit ..	1	(a) M.	60-60-60	.30- .85- —	1895 Ohio	376	1 M.	60-60-60	1.00-1.00-1.00
1887 Conn.....	202	59 M.	(a)	1.50-1.50-1.50	1896 Ohio	7	7 M.	60-60-60	.50-1.00- .75
1887 Md.....	4	2 M.	(a)	.90- .90- .90	1896 Ohio	377	9 M.	48-60-49	1.00-1.25-1.22
1887 Mo.....	4	2 M.	(a)	1.60-1.75-1.68	1899 N. Y.....	18	10 (a)	54-54-54	1.50-1.67-1.58

BRASS MOUNTERS.

1884 Russia	178	(a) M.	(a)	.72-1.44- —	1891 France	505	(a) M.	d 60-77 —	.82-2.32 —
1888 N. Y.....	331	5 M.	59-59-59	.83-4.17-2.61	1892 France	505	(a) M.	60-60-60	.77-1.11 —
1890 N. Y.....	333	83 M.	(a)	1.84-1.84-1.84	1896 France	510	(a) (a)	60-60-60	1.54-1.54-1.54

BRASS ROLLERS.

1880 England ..	571	(a) M.	54-54-54	.36-1.62- —	....	....	....	.... ..	....	.....

BRASS TURNERS.

1840 Scotland ..	563	(a) (a)	60-60-60	.89- .89- .89	1886 N. Y.....	7	1 M.	(a)	1.50-1.50-1.50
1850 Mass	8	5 M.	66-66-66	1.75-1.75-1.75	1887 N. J	4	1 M.	(a)	1.30-1.30-1.30
1850 Scotland ..	563	(a) (a)	60-60-60	.97- .97- .97	1887 Germany .	557	(a) (a)	60-60-60	1.19-1.19-1.19
1860 Scotland ..	563	(a) (a)	60-60-60	1.05-1.05-1.05	1888 N. Y.....	331	19 M.	f 58-59-59	.67-2.50-2.04
1861 Scotland ..	564	(a) (a)	60-60-60	1.05-1.05-1.05	1889 Portugal ..	691	(a) (a)	(a)	.54- .54- .54
1866 Scotland ..	566	(a) M.	57-57-57	1.07-1.07-1.07	1890 Mich.....	282	3 M.	60-60-60	1.33-1.67-1.44
1870 Norway ...	610	(a) M.	(a)	.54- .72- —	1890 N. Y.....	333	30 M.	(a)	1.67-3.00-2.57
1871 Norway ...	185	(a) (a)	(a)	.54- .72- —	1891 N. Y.....	333	24 M.	(a)	1.67-3.00-2.55
1872 Germany .	185	(a) M.	(a)	.54- .54- .54	1891 France	505	(a) M.	60-66 —	1.11-2.03- —
1874 Canada ...	185	(a) M.	60-60-60	1.33-1.33-1.33	1892 Cal	196	1 M.	57-57-57	2.00-2.00-2.00
1874 England ..	185	(a) (a)	54-54-54	1.13-1.29- —	1892 France	505	(a) M.	60-63 —	.39-1.25- —
1880 Germany .	546	(a) M.	(a)	.36- .79- —	1892 Russia	692	(a) (a)	(a)	.48- .96- —
1882 Germany .	554	(a) (a)	(a)	.36- .79- —	1894 Ohio	375	1 M.	48-48-48	1.50-1.50-1.50
1884 Aust-Hun .	178	(a) M.	66-66-66	e .65-1.20- —	1896 N. Y.....	7	3 M.	60-60-60	.58-1.88-1.32
1884 Germany .	556	(a) (a)	60-60-60	.48-1.03- —	1896 France	510	(a) (a)	60-60-60	1.45-1.45-1.45
1884 Hawai. Is .	178	(a) (a)	53-53-53	4.50-4.50-4.50	1897 Conn.....	8	2 M.	60-60-60	1.00-2.50-1.75
1884 Mexico....	178	(a) (a)	60-60-60	2.00-2.00-2.00					

a Not reported.
b Not including hours of 6 persons not reported.
c Per hour.
d Applies to but 6 of the 7 wage quotations.
e And lodging.
f Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRASS WORKERS.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1845 England ..	8	(a) M.	60-60-60	1.75-1.75-1.75
1856 England ..	561	(a) (a)	(a)	1.62-1.62-1.62
1859 England ..	177	(a) M.	59-59-59	1.14-1.14-1.14
1860 England ..	563	(a) M.	(a)	1.22-1.22-1.22
1866 Scotland ..	566	(a) M.	57-57-57	.97- .97- .97
1867 England ..	567	(a) M.	59-59-59	.20-1.22- —
1869 England ..	177	(a) M.	59-59-59	1.14-1.14-1.14
1870 Germany..	610	(a) M.	72-72-72	*b*.61- .71- —
1871 Italy	610	(a) (a)	(a)	.39- .58- —
1872 England ..	185	(a) (a)	54-54-54	1.21-1.45- —
1872 Germany..	185	(a) M.	*c*60-60-60	.60-1.24- —
1873 England ..	177	(a) M.	54-54-54	1.14-1.14-1.14
1873 Germany..	177	(a) M.	(a)	.71- .71- .71
1874 Germany..	177	(a) M.	(a)	.71- .71- .71
1874 Germany..	185	(a) M.	(a)	.80-1.33- —
1875 Germany..	177	(a) M.	(a)	.71- .71- .71
1876 Germany..	177	(a) M.	(a)	.71- .71- .71
1877 Germany .	177	(a) M.	(a)	.71- .71- .71
1878 England ..	177	(a) M.	*d*54-54-54	1.20-1.62- —
1878 Germany .	177	(a) M.	(a)	.71- .71- .71
1879 Germany .	545	(a) M.	60-60-60	.48- .79- —
1880 England..	571	(a) M.	49-52 —	.41-2.35- —
1880 Germany .	546	(a) M.	(a)	.48- .83- —
1882 Br. India..	459	(a) (a)	(a)	.12- .12- .12
1882 Germany.	71	(a) M.	72-75 —	.60-1.19- —
1882 Germany.	554	(a) (a)	60-63 —	.48-1.19- —
1883 Br. India..	459	(a) (a)	(a)	.12- .12- .12
1883 England ..	43	(a) (a)	(a)	1.42-1.42-1.42
1883 Germany .	47	(a) M.	72-78 —	.71- .95- —
1883 Germany .	555	(a) (a)	57-60 —	.60-1.43- —
1884 Br. India..	459	(a) (a)	(a)	.12- .12- .12
1884 England ..	178	(a) M.	54-54-54	1.00-1.67- —
1884 Germany .	178	(a) M.	60-75 —	.75-1.07- —
1884 Germany .	556	(a) F.	48-48-48	.30- .60- —
1884 Germany .	556	(a) (a)	*e* 48-60 —	.30-2.38- —
1884 Italy	178	(a) M.	*f*60-60-60	.32-1.54- —
1884 Russia	178	(a) M.	60-60-60	.40- .75- —
1884 Wales	178	(a) M.	72-72-72	.73- .73- .73
1885 N. Y.....	1	13 M.	60-60-60	.50-1.50-1.02
1885 Br. India..	459	(a) (a)	(a)	.12- .12- .12
1885 Germany .	71	(a) M.	72-75 —	.71- .80- —
1885 Germany .	547	(a) (a)	(a)	.60- .83- —
1886 N. Y.....	7	3 M.	(a)	1.50-2.50-2.11
1886 Br. India..	459	(a) (a)	(a)	.14- .14- .14
1886 Germany .	548	(a) (a)	(a)	.48-1.39- —
1887 Conn.....	202	8 M.	(a)	1.68-2.38-1.94
1887 N. Y.....	3	4 F.	59-59-59	.75-1.04- .89
1887 Br. India..	459	(a) (a)	(a)	.13- .13- .13
1887 Germany .	557	(a) (a)	*g*57-60 —	.57-1.97- —
1888 N. Y.....	331	5 M.	58-60-59	1.67-3.50-2.28
1888 Aust-Hun .	447	(a) M.	(a)	.10- .21- —
1888 Br. India ..	459	(a) (a)	(a)	.13- .13- .13
1888 Germany .	558	(a) (a)	*h*57-60 —	.40-1.83- —
1889 Br. India ..	459	(a) (a)	(a)	.12- .12- .12
1889 Germany .	550	(a) M.	(a)	.71-1.19- —
1889 Portugal ..	691	(a) (a)	(a)	.11-1.94- —
1890 Mich	282	2 M.	60-60-60	1.75-2.50-2.13
1890 N. Y.....	333	47 M.	(a)	.50-4.79-1.93
1890 Br. India ..	459	(a) (a)	(a)	.15- .15- .15
1890 Netherl'ds	663	(a) M.	68-68-68	.97- .97- .97
1891 N. Y.....	333	100 M.	(a)	.50-4.79-2.00
1891 Br. India ..	459	(a) (a)	(a)	.13- .13- .13
1891 China	105	(a) (a)	(a)	.24- .24- .24
1891 Germany .	551	(a) (a)	(a)	.60-1.98- —
1891 Gr't Brit ..	576	(a) M.	54-54-54	1.01-1.01-1.01
1892 Mass	20	1 M.	60-60-60	1.90-1.90-1.90
1892 Br. India ..	459	(a) (a)	(a)	.12- .12- .12
1892 Denmark .	632	(a) (a)	(a)	1.03-1.03-1.03
1892 France....	505	(a) M.	60-60-60	.97-1.06- —
1892 Netherl'ds	663	(a) M.	59-59-59	1.04-1.04-1.04
1892 Russia	692	(a) (a)	(a)	.30-1.51- —
1893 Ill.....	10	1 M.	54-54-54	2.00-2.00-2.00
1893 Md	10	3 M.	60-60-60	1.00-1.50-1.28
1893 Mass	20	1 M.	60-60-60	1.90-1.90-1.90
1893 Aust-Hun .	448	(a) M.	57-57-57	.35- .54- —
1893 Br. India ..	459	(a) (a)	(a)	.11- .11- .11
1893 Germany .	560	(a) M.	(a)	*i*.08½- .09- —
1893 Gr't Brit ..	578	(a) M.	50-54 —	.97-1.22- —
1894 Ohio	375	42 M.	48-60-59	1.35-2.50-1.78
1894 Ohio	375	3 F.	60-60-60	1.00-1.00-1.00
1894 Aust-Hun .	434	(a) M.	60-60-60	.68-1.08- —
1894 Br. India ..	459	(a) (a)	(a)	.08½-.08½-.08½
1894 Ireland ...	127	(a) M.	54-54-54	.81- .81- .81
1894 Netherl'ds	662	(a) M.	(a)	*i* .03-.09½- —
1894 Scotland ..	590	(a) M.	(a)	*i* .10- .11- —
1895 N. Y.....	7	7 M.	60-60-60	1.67-2.45-1.97
1895 Ohio	376	30 M.	60-60-60	2.25-2.25-2.25
1895 Br. India ..	459	(a) (a)	(a)	.08½-.08½-.08½
1895 China	136	(a) (a)	(a)	*j*.16- .16- .16
1895 France....	509	(a) (a)	60-60-60	.87-1.64- —
1896 N. Y.....	7	6 M.	60-60-60	.50-2.50-1.40
1896 N. Y.....	336	34 M.	(a)	1.17-5.00-1.98
1896 Ohio	377	34 M.	54-60-59	1.25-1.70-1.47
1896 Aust-Hun .	436	(a) (a)	54-60 —	.47-1.08- —
1896 England ..	592	(a) M.	(a)	1.09-1.74- —
1897 England ..	593	(a) (a)	(a)	1.09-1.30- —
1898 Mich	290	76 M.	(a)	1.63-2.25-1.68

BRASS WORKERS' HELPERS.

1883 Mass	273	10 M.	(a)	1.50-1.63-1.56	1893 Mass	20	1 M.	60-60-60	1.20-1.20-1.20
1892 Mass	20	1 M.	60-60-60	1.20-1.20-1.20					

BRAYERS, WOOLEN GOODS.

1884 England ..	178	(a) M.	*k*56-56-56	.41- .89- —	....				

a Not reported.
b And board and lodging.
c Applies to but 1 of the 5 wage quotations.
d Applies to but 1 of the 3 wage quotations.
e Applies to but 10 of the 11 wage quotations.
f Applies to but 2 of the 6 wage quotations.
g Applies to but 21 of the 22 wage quotations.
h Applies to but 25 of the 26 wage quotations.
i Per hour.
j And board.
k Applies to but 7 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRAZERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884 England	178	(a) M.	56-56-56	1.13-1.63- —	1895 Ohio	376	4 M.	60-60-60	1.75-1.75-1.75
1885 Conn	7	3 M.	60-60-60	1.60-3.35-2.25	1896 Mich	288	13 (a)	60-60-60	1.25-3.50-1.97
1892 Mass	20	4 M.	60-60-60	1.50-2.50-2.06	1896 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1893 Mass	20	3 M.	60-60-60	1.50-2.50-2.00	1896 Ohio	377	23 M.	60-60-60	1.60-3.00-2.04
1894 Mass	20	1 M.	60-60-60	2.22-2.22-2.22	1896 Ohio	377	2 F.	60-60-60	1.00-1.00-1.00
1894 N. Y	8	1 M.	60-60-60	4.25-4.25-4.25	1896 Vt	8	2 M.	60-60-60	1.50-1.50-1.50
1895 Mass	20	2 M.	60-60-60	2.00-2.02-2.01	1897 N. Y	8	2 M.	60-60-60	2.50-2.50-2.50

BRAZERS' HELPERS.

1894	N. Y	8	2	M.	60-60-60	1.75-2.00-1.88	....	....	....	....	..	.....	.....

BREAKERS, STARCH.

1887	N. Y	3	5	F.	51-54-53	.56- .56, .56	1891	N. Y	333	2	M.	(a)	1.50-3.00-2.25
1888	Ind	3	3	F.	60-60-60	.50- .60- .53							

BREAKERS, SUGAR REFINERY.

1891	France	505	(a)	M.	b 72-77 —	.83-1.35- —	1892	France	505	(a)	M.	63-63-63	.72- .97- —
1891	France	505	(a)	F.	b 72-77 —	.48- .97- —	1895	France	509	(a)	F.	66-66-66	.43- .68- —

BREAKER TENDERS' HELPERS, TEXTILES.

1897	N. Y	8	4	M.	60-60-60	.67- .67- .67	....	.....	....	....	...	.....	.....

BREAKER TENDERS, TEXTILES.

1883	Mass	273	10	(a)	(a)	.75- .75- .75	1892	R. I	20	6	M.	60-60-60	.80- .80- .80
1885	N. Y	1	9	M.	60-66-63	1.15-1.46-1.29	1893	R. I	20	6	M.	60-60-60	.80- .80- .80
1885	N. Y	7	5	M.	(a)	.69- .75- .70	1893	Scotland	632	(a)	F.	(a)	.34- .34- .34
1886	Pa	7	3	M.	60-60-60	1.42-1.42-1.42	1894	R. I	20	6	M.	60-60-60	.72- .72- .72
1886	Belgium	456	(a)	(a)	(a)	.58- .68- —	1895	Ga	8	3	M.	66-66-66	.60- .90- .77
1886	England	600	(a)	M.	57-57-57	.90- .90- .90	1895	N. J	8	8	M.	60-60-60	1.00-1.00-1.00
1887	N. Y	3	2	F.	57-57-57	.88- .88- .88	1895	N. Y	7	6	M.	60-60-60	.88-1.25- .98
1888	N. Y	331	7	M.	(a)	.63- .71- .67	1895	N. Y	8	4	M.	60-60-60	1.50-1.50-1.50
1888	R. I	6	2	M.	(a)	1.08-1.08-1.08	1895	N. C	8	1	M.	66-66-66	.67- .67- .67
1889	Ga	6	15	M.	66-70-67	.75- .90- .88	1895	Pa	8	4	M.	60-60-60	2.00-2.00-2.00
1889	Me	6	2	M.	60-60-60	.90- .90- .90	1895	R. I	20	6	M.	60-60-60	.80- .80- .80
1889	Mass	6	66	M.	60-60-60	.85-1.10-1.04	1895	Tenn	7	1	M.	66-66-66	.75- .75- .75
1890	N. Y	333	13	M.	(a)	.60-1.50- .95	1896	N. Y	8	4	M.	60-60-60	1.50-1.50-1.50
1890	England	6	(a)	M.	55-55-55	.63- .63- .63	1896	Pa	7	5	M.	60-60-60	1.33-1.33-1.33
1890	Germany	615	(a)	F.	60-60-60	.24- .31- —	1897	Ga	8	1	M.	66-66-66	.75- .75- .75
1890	Netherl'ds	666	(a)	M.	(a)	.47- .69- —	1897	N. Y	8	4	M.	60-60-60	1.33-1.33-1.33
1891	N. Y	333	14	M.	(a)	.60-1.50- .96							

BREWERS.

1840	Scotland	563	(a)	(a)	60-60-60	.49- .49- .49	1856	N. Y	190	1	M.	72-72-72	6.39-6.39-6.39
1850	Scotland	563	(a)	(a)	60-60-60	.57- .57- .57	1857	N. Y	190	1	M.	72-72-72	6.39-6.39-6.39
1853	France	113	(a)	M.	(a)	.42- .73- —	(c)	England	561	(a)	(a)	(a)	.73- .73- .73
1854	N. Y	190	1	M.	72-72-72	3.20-3.20-3.20	(c)	Scotland	561	(a)	(a)	(a)	.65- .65- .65
1855	N. Y	190	1	M.	72-72-72	3.20-3.20-3.20	1858	N. Y	190	1	M.	72-72-72	6.39-6.39-6.39

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Average for 1855–57.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BREWERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
(a) England ..	562	(b) M.	(b)	0.73-0.73-0.73
1859 N. Y.....	190	1 M.	72-72-72	6.39-6.39-6.39
1860 N. Y.....	190	1 M.	72-72-72	6.39-6.39-6.39
1860 Germany .	185	(b) M.	(b)	.54- .54- .54
1860 Scotland ..	563	(b) (b)	60-60-60	.65- .65- .65
1861 N. Y.....	190	1 M.	72-72-72	6.39-6.39-6.39
1861 England ..	564	(b) M.	63-63-63	.85- .85- .85
1861 Scotland ..	564	(b) (b)	57-57-57	.69- .69- .69
1862 N. Y.....	190	1 M.	72-72-72	9.59-9.59-9.59
1863 N. Y.....	190	1 M.	72-72-72	9.59-9.59-9.59
1864 N. Y.....	190	2 M.	72-72-72	9.59-9.59-9.59
1864 Germany .	185	(b) M.	(b)	.60- .60- .60
1865 N. Y.....	190	1 M.	72-72-72	9.59-9.59-9.59
1865 Germany .	177	(b) M.	81-81-81	c.18- .18- .18
1865 Germany .	185	(b) M.	(b)	.36- .36- .36
1866 N. Y.....	190	1 M.	72-72-72	(d)
1866 Germany .	177	(b) M.	81-81-81	c.20- .20- .20
1866 Germany .	185	(b) M.	(b)	.48- .48- .48
1867 N. Y.....	190	1 M.	72-72-72	(d)
1867 Germany .	177	(b) M.	81-81-81	c.24- .24- .24
1867 Germany .	185	(b) M.	(b)	.48- .48- .48
1868 N. Y.....	190	1 M.	72-72-72	(d)
(e) England ..	567	(b) M.	(b)	1.22-2.33- —
1868 Germany .	177	(b) M.	81-81-81	c.24- .24- .24
1868 Germany .	185	(b) M.	(b)	.24- .54- —
1868 Germany .	610	(b) M.	72-72-72	c.18- .18- .18
1869 N. Y.....	190	1 M.	72-72-72	(d)
1869 Germany .	177	(b) M.	81-81-81	c.24- .24- .24
1869 Germany .	609	(b) M.	(b)	.30- .97- —
1870 N. Y.....	190	1 M.	72-72-72	(d)
1870 Germany .	177	(b) M.	81-81-81	c.30- .30- .30
1870 Germany .	610	(b) M.	72-72-72	.30- .97- —
1870 Germany .	610	(b) M.	(b)	f.61- .61- .61
1870 Italy	610	(b) (b)	(b)	.39- .39- .39
1870 Switzerl'd.	610	(b) M.	(b)	f.32- .97- —
1871 N. Y.....	190	1 M.	72-72-72	(d)
1871 France....	712	(b) M.	(b)	.55- .82- —
1871 Germany .	177	(b) M.	81-81-81	c.36- .36- .36
1871 Germany .	185	(b) M.	(b)	.24- .72- —
1871 Netherl'ds	611	(b) M.	72-90 —	.78-1.09- —
1872 N. Y.....	190	1 M.	72-72-72	(d)
1872 Belgium ..	185	(b) (b)	(b)	.50- .50- .50
1872 Germany .	177	(b) M.	81-81-81	c.36- .36- .36
1872 Germany .	185	(b) M.	72-72-72	.72- .72- .72
1872 Netherl'ds	185	(b) (b)	(b)	1.17-1.21- —
1872 Netherl'ds	185	(b) (b)	(b)	g.77-1.09- —
1873 N. Y.....	190	1 M.	72-72-72	(d)
1873 Germany .	177	(b) M.	81-81-81	c.42- .42- .42
1873 Sweden ...	167	(b) M.	(b)	g.54- .54- .54
1873 Switzerl'd.	185	(b) M.	(b)	f.67- .67- .67
1874 N. Y.....	190	1 M.	72-72-72	(d)
1874 England ..	569	(b) M.	(b)	2.03-2.03-2.03
1874 Germany .	177	(b) M.	81-81-81	c.48- .48- .48
1874 Scotland ..	177	(b) M.	56-56-56	.79- .92- —
1875 N. Y.....	190	1 M.	72-72-72	(d)
1875 France....	496	(b) M.	(b)	.52- .97- —
1875 Germany .	169	(b) M.	(b)	c.24- .28- —
1875 Germany .	177	(b) M.	81-81-81	c.36- .36- .36
1875 Scotland ..	177	(b) M.	56-56-56	.79- .92- —
1876 N. Y.....	190	2 M.	72-72-72	7.99-9.59-8.79
1876 France....	497	(b) M.	(b)	0.53-0.97- —
1876 Scotland ..	177	(b) M.	56-56-56	.79- .92- —
1877 N. Y.....	190	1 M.	72-72-72	9.59-9.59-9.59
1877 Germany .	177	(b) M.	(b)	c.25- .79- —
1877 Scotland ..	177	(b) M.	56-56-56	.79- .92- —
1878 N. Y.....	190	1 M.	72-72-72	(d)
1878 England ..	177	(b) M.	(b)	.77- .77- .77
1878 France....	177	(b) M.	(b)	.61-1.20- —
1878 France....	498	(b) M.	(b)	.54- .97- —
1878 Germany .	177	(b) M.	(b)	.71-1.79- —
1878 Germany .	177	(b) M.	(b)	c.75- .83- —
1878 Scotland ..	177	(b) M.	56-56-56	.79- .92- —
1879 N. Y.....	190	1 M.	72-72-72	(d)
1879 France....	499	(b) M.	(b)	.54- .97- —
1879 Germany .	545	(b) M.	(b)	.82- .82- .82
1880 N. Y.....	190	1 M.	72-72-72	(d)
1880 France....	500	(b) M.	(b)	.57-1.16- —
1881 N. J	2	161 M.	(h)	1.52-1.52-1.52
1881 N. Y.....	190	1 M.	72-72-72	(i)
1881 Ohio	2	1098 M.	72-72-72	2.15-2.20-2.16
1881 France....	501	(b) M.	(b)	.57-1.25- —
1882 Mo.....	294	3 M.	60-84-70	2.00-2.30-2.10
1882 N. Y.....	190	2 M.	72-72-72	(j)
1882 France....	502	(b) M.	(b)	.57-1.25- —
1882 Germany .	554	(b) (b)	54-54-54	.83-1.25- —
1883 Mass	273	81 M.	(b)	1.50-2.33-1.82
1883 N. Y.....	190	1 M.	72-72-72	(k)
1883 France....	503	(b) M.	(b)	.57-1.06- —
1883 Gr't Brit ..	273	(b) M.	(b)	2.43-4.06- —
1884 Cal.....	192	29 M.	60-66-63	c1.34-3.00-1.63
1884 Mich.....	278	29 M.	(b)	.96-4.25-1.84
1884 N. J	323	20 M.	(b)	2.11-2.11-2.11
1884 N. Y.....	190	1 M.	72-72-72	(k)
1884 Aust-Hun .	178	(b) M.	60-72 —	.47-2.50- —
1884 Belgium ..	178	(b) M.	l60-72 —	.29-1.17- —
1884 Brazil.....	178	(b) M.	n60-60-60	.42-3.58- —
1884 Canada	178	(b) (b)	o60-60-60	1.00-5.00- —
1884 Canada ...	466	(b) M.	66-72 —	1.73-1.76- —
1884 C. of G'd H.	178	(b) (b)	60-60-60	1.17-1.83- —
1884 China.....	178	(b) M.	60-60-60	.27- .31- —
1884 Colombia .	178	(b) (b)	72-72-72	.30- .50- —
1884 Denmark .	178	(b) M.	60-60-60	.54- .63- —
1884 England ..	178	(b) M.	p53-57 —	.61-4.06- —
1884 France....	178	(b) M.	q60-66 —	.29- .97- —
1884 France....	178	(b) F.	n60-60-60	.29- .48- —
1884 France....	504	(b) M.	(b)	.57-1.06- —
1884 Germany .	178	(b) M.	r60-72 —	.12-2.38- —
1884 Germany .	178	(b) M.	s60-78 —	c.12- .78- —
1884 Germany .	556	(b) (b)	84-98 —	g.71- .71- .71
1884 Ireland ...	178	(b) M.	t60-60-60	1.22-1.22-1.22
1884 Italy	178	(b) M.	u60-72 —	.19-1.61- —
1884 Mexico ...	178	(b) (b)	n60-60-60	.50-1.50- —
1884 Netherl'ds	178	(b) M.	60-63 —	.45-1.33- —
1884 Peru	178	(b) M.	t54-54-54	3.16-3.16-3.16
1884 Russia	178	(b) M.	60-105 —	.32-1.20- —
1884 Russia	178	(b) M.	72-72-72	f.37-3.68- —
1884 Scotland ..	178	(b) M.	v51-57 —	.73-7.77- —
1884 Spain	178	(b) M.	60-63 —	.47-1.10- —
1884 Switzerl'd	178	(b) M.	w60-66 —	.58-1.29- —
1884 Wales.....	178	(b) M.	54-54-54	1.21-2.43- —

a Average for 1856–58.
b Not reported.
c And board.
d $15.98-$15.98-$15.98.
e Average for 1867–68.
f And board and lodging.
g And lodging.
h 100-100-100 hours.
i $19.17-$19.17-$19.17.
j $11.18-$19.17-$15.18.
k $16.78-$16.78-$16.78.
l Applies to but 6 of the 8 wage quotations.
n Applies to but 2 of the 4 wage quotations.
o Applies to but 12 of the 19 wage quotations.
p Applies to but 15 of the 39 wage quotations.
q Applies to but 8 of the 10 wage quotations.
r Applies to but 43 of the 56 wage quotations.
s Applies to but 7 of the 13 wage quotations.
t Applies to but 1 of the 2 wage quotations.
u Applies to but 9 of the 11 wage quotations.
v Applies to but 3 of the 8 wage quotations.
w Applies to but 4 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BREWERS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest and average—Hours of work per week.	Lowest, highest and average—Rates of wages per day (dollars).
1885 Ill.	1	33 M.	72-72-72	2.13-2.50-2.31
1885 N. Y.	190	1 M.	72-72-72	(a)
1885 Ohio	1	71 M.	72-72-72	2.00-2.28-2.09
1885 Pa	1	6 M.	60-60-60	2.50-2.50-2.50
1885 Canada	467	(b) M.	61-61-61	2.00-2.08- —
1885 France	494	(b) M.	(b)	.67- .97- —
1885 Germany	71	(b) M.	72-72-72	.88- .88- .88
1885 Germany	547	(b) M.	(b)	.87- .87- .87
1885 Germany	547	(b) M.	(b)	c .82- .83- —
1886 Ill.	208	12 M.	60-60-60	1.92-1.92-1.92
1886 Mich.	2	170 M.	62-62-62	2.25-2.25-2.25
1886 Mo.	2	328 M.	60-60-60	2.30-2.30-2.30
1886 N. J	2	40 M.	60-60-60	1.84-2.16-2.00
1886 N. Y.	190	1 M.	72-72-72	(d)
1886 Wis	2	2072 M.	60-63-61	1.50-1.95-1.76
1886 Argentina	57	(b) M.	e 60-60-60	.80-2.50- —
1886 Aust-Hun	60	(b) (b)	(b)	.74- .74- .74
1886 Canada	468	(b) M.	60-62 —	1.45-1.96- —
1886 France	495	(b) M.	(b)	.67- .97- —
1886 Germany	548	(b) (b)	(b)	c .88- .91- —
1886 Netherl'ds	456	(b) (b)	72-72-72	.60- .92- —
1886 Switzerl'd	709	(b) (b)	60-60-60	.87- .87- .87
1887 N. Y.	190	1 M.	72-72-72	(d)
1887 N. Y.	331	125 M.	f 60-84-64	1.54-2.00-1.75
1887 Ohio	369	1348 M.	60-72-60	1.00-5.00-2.24
1887 Wis	409	585 M.	(b)	2.00-2.03-2.03
1887 Canada	469	(b) M.	64-64-64	1.54-1.67- —
1887 France	495	(b) M.	(b)	.67- .97- —
1887 Germany	557	(b) (b)	g 60-66 —	.82-1.37- —
1887 Germany	557	(b) (b)	(b)	c .91-1.34- —
1887 Netherl'ds	598	(b) (b)	72-72-72	.61- .93- —
1888 N. J	326	2 (b)	60-60-60	2.00-3.00-2.50
1888 N. Y.	190	1 M.	72-72-72	(d)
1888 N. Y.	331	63 M.	h 59-72-61	1.60-7.67-3.19
1888 Aust-Hun	447	(b) M.	(b)	.09- .86- —
1888 Aust-Hun	447	(b) F.	(b)	.12- .43- —
1888 Canada	470	(b) M.	65-65-65	3.89-3.89-3.89
1888 Germany	558	(b) (b)	i 60-69 —	.86-1.10- —
1888 Germany	558	(b) (b)	j 60-78 —	c .82-1.37- —
1889 N. Y.	190	1 M.	72-72-72	(d)
1889 Canada	471	(b) M.	60-60-60	2.02-3.31- —
1889 Germany	550	(b) M.	(b)	.96-1.09- —
1889 Germany	550	(b) M.	(b)	c .96- .96- .96
1889 Italy	95	(b) M.	60-60-60	.47- .47- .47
1889 Netherl'ds	516	(b) (b)	66-66-66	1.01-1.01-1.01
1889 Portugal	691	(b) (b)	(b)	.26- .54- —
1890 Minn	292	154 M.	(b)	1.15-2.90-1.81
1890 N. Y.	190	1 M.	72-72-72	(d)
1890 N. Y.	333	143 M.	(b)	1.67-12.14-3.20
1890 France	184	(b) (b)	(b)	1.05-1.05-1.05
1890 Netherl'ds	666	(b) M.	(b)	.40- .87- —
1890 Netherl'ds	666	(b) M.	(b)	k .04½-.07- —
1890 Portugal	691	(b) (b)	(b)	.30- .36- —
1891 Mo.	300	86 M.	(b)	1.33-3.73-2.37
1891 N. Y.	190	1 M.	72-72-72	(d)
1891 N. Y.	333	175 M.	(b)	1.88-12.14-3.05
1891 Australia	134	(b) M.	(b)	3.83-3.83-3.83
1891 Aust. Hun	134	(b) (b)	(b)	.44- .44- .44
1891 Belgium	457	(b) M.	66-66-66	.97- .97- .97
1891 China	105	(b) (b)	(b)	.54- .54- .54
1891 France	505	(b) M.	l 77-77-77	.87-1.21- —
1891 France	522	(b) M.	(b)	.67- .97- —
1891 Germany	11	(b) M.	(b)	.68- .68- .68
1891 Switzerl'd	595	(b) M.	(b)	.80- .80- .80
1892 Cal.	196	71 M.	54-54-54	1.83-3.83-2.83
1892 N. Y.	20	1 M.	(b)	(n)
1892 N. Y.	190	1 M.	60-60-60	(o)
1892 Australia	424	(b) (b)	(b)	1.62-11.76- —
1892 France	505	(b) M.	p 54-91 —	.48-1.54- —
1892 France	505	(b) M.	84-84-84	c .68- .68- .68
1892 France	505	(b) M.	84-84-84	q .89- .89- .89
1892 Spain	115	(b) M.	(b)	.35- .50- —
1893 Ill.	10	5 M.	60-60-60	2.67-3.33-3.00
1893 Mont.	307	9 M.	h 54-59-56	2.88-5.75-3.59
1893 Mont.	307	11 M.	r 54-66-58	s 1.53-2.30-1.67
1893 Mont.	307	2 M.	60-60-60	c 2.88-3.07-2.98
1893 N. Y.	20	1 M.	(b)	(n)
1893 Ohio	374	768 M.	t 54-84-58	1.50-6.41-1.56
1893 N. Zealand	668	(b) M.	54-54-54	3.24-3.24-3.24
1894 Ind	228	1 M.	60-60-60	2.66-2.66-2.66
1894 Iowa	236	1 M.	72-72-72	2.00-2.00-2.00
1894 N. Y.	20	1 M.	(b)	(n)
1894 Ohio	374	6 M.	(b)	1.33-2.00-1.67
1894 Ohio	375	773 M.	u 54-72-57	1.40-5.00-2.33
1894 W. Va	406	3 M.	60-60-60	1.83-2.66-2.33
1894 Australia	134	(b) M.	48-48-48	1.98-1.98-1.98
1894 Aust-Hun	434	(b) M.	66-66-66	.61- .61- .61
1894 France	129	(b) M.	(b)	.97- .97- .97
1894 Switzerl'd	709	(b) (b)	60-60-60	1.16-1.16-1.16
1895 N. Y.	20	1 M.	(b)	(n)
1895 Ohio	376	761 M.	v 54-72-57	1.40-5.00-2.34
1895 Australia	426	(b) (b)	(b)	3.89-12.44- —
1895 Norway	690	(b) M.	(b)	.59- .59- .59
1895 Spain	133	(b) M.	(b)	.35- .50- —
1895 Switzerl'd	710	(b) (b)	l 60-60-60	.97-1.06- —
1896 Colo.	200	122 M.	54-60-60	2.50-2.88-2.78
1896 Mo.	305	935 M.	60-72-60	1.50-2.80-2.16
1896 Nebr.	314	3 (b)	(b)	2.12-2.12-2.12
1896 N. Y.	336	12 M.	(b)	2.00-3.00-2.37
1896 Ohio	377	964 M.	55-60-58	1.86-2.50-2.31
1896 Aust-Hun	436	(b) (b)	48-66 —	.27- .75- —
1897 Mich.	289	7 M.	(b)	1.97-1.97-1.97
1897 Va	404	25 M.	60-72-61	2.17-7.84-2.58
1897 Aust-Hun	437	(b) (b)	66-66-66	.76- .78- —
1897 Aust-Hun	437	(b) (b)	66-66-66	c .78- .78- .78
1897 Aust-Hun	437	(b) (b)	60-66 —	w .71-1.02- —
1898 Mich.	290	68 M.	(b)	1.61-2.45-2.21
1898 N. Y.	338	1695 M.	60-60-60	2.00-3.00-2.45
1898 Aust-Hun	438	(b) (b)	66-66-66	.88- .88- .88
1898 Germany	151	(b) (b)	(b)	.79-1.59- —

a $16.78-$16.78-$16.78.
b Not reported.
c And lodging.
d $23.96-$23.96-$23.96.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 48 persons not reported.
g Applies to but 4 of the 8 wage quotations.
h Not including hours of 5 persons not reported.
i Applies to but 3 of the 6 wages quotations.
j Applies to but 4 of the 5 wage quotations.
k Per hour.
l Applies to but 1 of the 2 wage quotations,
m Average for 1888–91.
n $25.56-$25.56-$25.56.
o $17.25-$17.25-$17.25.
p Applies to but 14 of the 15 wage quotations.
q And *gratifications*.
r Not including hours of 2 persons not reported.
s And board and lodging.
t Not including hours of 29 persons not reported.
u Not including hours of 14 persons not reported.
v Not including hours of 87 persons not reported.
w And lodging, heat, and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BREWERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 N. Y.	190	1 M.	72-72-72	3.20-3.20-3.20
1884 N. Y.	190	1 M.	72-72-72	4.48-4.48-4.48
1884 Aust-Hun.	178	(a) M.	72-72-72	.20- .20- .20
1884 Aust-Hun.	178	(a) M.	72-72-72	b .13- .13- .13
1884 Germany.	48	(a) (a)	(a)	b .69-1.53- —
1885 N. Y.	190	1 M.	72-72-72	5.11-5.11-5.11
1886 N. Y.	190	1 M.	72-72-72	7.35-7.35-7.35
1886 Aust-Hun.	60	(a) (a)	(a)	.52- .52- .52
1887 N. Y.	190	1 M.	72-72-72	7.35-7.35-7.35
1888 N. Y.	190	1 M.	72-72-72	7.35-7.35-7.35
1888 N. Y.	331	6 M.	c 60-60-60	1.46-4.14-2.50
1888 Canada	470	(a) M.	62-62-62	1.03-1.03-1.03
1889 N. Y.	190	1 M.	72-72-72	7.35-7.35-7.35
1889 Canada	471	(a) M.	61-61-61	1.31-1.31-1.31
1890 N. Y.	190	1 M.	72-72-72	7.99-7.99-7.99
1891 N. Y.	190	1 M.	72-72-72	7.99-7.99-7.99
1892 Cal.	196	1 M.	54-54-54	2.67-2.67-2.67
1892 N. Y.	20	1 M.	(a)	7.99-7.99-7.99
1892 N. Y.	190	1 M.	60-60-60	7.67-7.67-7.67
1892 France	505	(a) M.	81-81-81	.54- .54- .54
1893 N. Y.	20	1 M.	(a)	7.99-7.99-7.99
1893 Ohio	374	1 M.	60-60-60	.75- .75- .75
1894 Ohio	375	8 M.	c 60-60-60	1.50-2.50-1.67
1896 Nebr	314	1 (a)	60-60-60	1.00-1.00-1.00
1897 Va	404	11 M.	60-72-63	1.65-2.72-1.97

BREWERS, SAKÉ.

1884	Japan	184	(a)	(a)	(a)	.15- .15- .15	1892	Japan	646	(a)	(a)	(a)	.17- .25- —
1885	Japan	643	(a)	M.	(a)	d .14- .40- —	1893	Japan	647	(a)	(a)	(a)	.12- .23- —
1886	Japan	644	(a)	M.	(a)	d .17- .41- —	1895	Japan	132	(a)	(a)	60-60-60	.22- .22- .22
1887	Japan	645	(a)	M.	(a)	d .18- .39- —							

BRICKLAYERS.

1725	England	185	(a)	(a)	(a)	.24- .28- —	1841	N. Y.	190	10	M.	60-60-60	1.50-2.50-1.79
1725	England	185	(a)	(a)	(a)	d .12- .12- .12	1842	N. Y.	190	2	M.	60-60-60	1.50-2.50-2.00
1810	England	572	(a)	(a)	(a)	.91- .91- .91	1843	N. Y.	190	1	M.	60-60-60	2.50-2.50-2.50
1810	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1844	N. Y.	190	1	M.	60-60-60	2.50-2.50-2.50
1811	England	572	(a)	(a)	(a)	.91- .91- .91	1845	N. Y.	190	1	M.	60-60-60	2.50-2.50-2.50
1811	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1846	N. Y.	190	6	M.	60-60-60	1.75-2.00-1.79
1812	England	572	(a)	(a)	(a)	.91- .91- .91	1847	Mass	190	22	M.	60-60-60	1.33-1.33-1.33
1812	England	624	(a)	M.	(a)	.57- .57- .57	1847	N. Y.	190	2	M.	60-60-60	1.75-2.00-1.88
1812	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1848	Mass	190	12	M.	60-60-60	1.33-1.67-1.39
1813	England	572	(a)	(a)	(a)	.91- .91- .91	1848	N. Y.	190	2	M.	60-60-60	1.75-2.00-1.88
1813	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1849	N. Y.	190	2	M.	60-60-60	1.75-2.00-1.88
1814	England	572	(a)	(a)	(a)	.91- .91- .91	1849	England	562	(a)	M.	58-58-58	1.22-1.22-1.22
1814	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1849	England	564	(a)	(a)	58-58-58	.89- .89- .89
1815	England	572	(a)	(a)	(a)	.91- .91- .91	(f)	Germany	609	(a)	(a)	(a)	.30- .30- .30
1815	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1850	N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00
1816	England	572	(a)	(a)	(a)	.91- .91- .91	1850	England	45	(a)	M.	(a)	.76-1.05- —
1816	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1850	England	564	(a)	(a)	58-60 —	.85- .97- —
1817	England	572	(a)	(a)	(a)	.91- .91- .91	1851	N. Y.	190	2	M.	60-60-60	1.75-2.00-1.88
1817	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1852	N. Y.	190	7	M.	60-60-60	1.75-2.00-1.93
1818	England	572	(a)	(a)	(a)	.91- .91- .91	1853	N. Y.	190	7	M.	60-60-60	1.75-2.00-1.96
1818	Scotland	572	(a)	(a)	54-54-54	.69- .69- .69	1854	N. Y.	190	4	M.	60-60-60	1.75-2.00-1.94
1819	England	572	(a)	(a)	(a)	.91- .91- .91	1855	N. Y.	190	7	M.	60-60-60	1.75-2.25-2.00
1819	Scotland	572	(a)	(a)	54-54-54	.65- .65- .65	1855	England	561	(a)	M.	(a)	1.16-1.22- —
1820	England	624	(a)	M.	(a)	.73- .73- .73	1855	Ireland	561	(a)	(a)	(a)	.81- .81- .81
1821	England	572	(a)	(a)	(a)	.91- .91- .91	1856	N. Y.	190	5	M.	60-60-60	1.75-2.25-2.00
1822	England	572	(a)	(a)	(a)	1.01-1.01-1.01	1856	Ohio	190	2	M.	60-60-60	2.00-2.00-2.00
1823	England	572	(a)	(a)	(a)	.85- .85- .85	1856	England	561	(a)	M.	(a)	1.16-1.22- —
1824	England	572	(a)	(a)	(a)	.85- .85- .85	1856	Ireland	561	(a)	(a)	(a)	.81- .81- .81
1825	England	572	(a)	(a)	(a)	.97- .97- .97	1856	Scotland	562	(a)	M.	(a)	1.16-1.22- —
1830	England	624	(a)	M.	(a)	.65- .65- .65	1857	N. Y.	190	3	M.	60-60-60	1.75-2.50-2.08
1831	Scotland	572	(a)	(a)	54-54-54	.61- .61- .61	1857	Ohio	190	2	M.	60-60-60	2.00-2.00-2.00
1832	England	572	(a)	(a)	(a)	.69- .81- —	1857	England	561	(a)	M.	(a)	1.16-1.22- —
1834	England	572	(a)	(a)	(a)	.73- .81- —	1857	England	563	(a)	M.	63-63-63	.97-1.16- —
1839	England	562	(a)	M.	60-60-60	1.09-1.09-1.09	1857	Ireland	561	(a)	(a)	(a)	.97-1.14- —
1839	England	564	(a)	(a)	58-58-58	.85- .85- .85	1857	Scotland	562	(a)	M.	(a)	1.16-1.22- —
(e)	Germany	609	(a)	(a)	(a)	.26- .26- .26	1858	N. Y.	190	14	M.	60-60-60	1.50-2.50-1.86
1840	N. Y.	190	1	M.	60-60-60	1.75-1.75-1.75	1858	Ohio	190	2	M.	60-60-60	2.00-2.00-2.00
1840	England	564	(a)	(a)	58-60 —	.81- .89- —	1858	England	562	(a)	M.	(a)	1.16-1.16-1.16

a Not reported.
b And lodging.
c Not including hours of 2 persons not reported.
d And board.
e Average for 1830–39.
f Average for 1840–49.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1858 England ..	563	(a) M.	63-63-63	0.97-1.16- —
1858 Ireland ...	563	(a) (a)	60-63 —	1.05-1.22- —
1858 Scotland ..	562	(a) M.	(a)	1.10-1.16- —
1859 Mass	190	15 M.	60-60-60	1.25-2.25-1.74
1859 N. Y.....	190	10 M.	60-60-60	1.50-2.50-1.80
1859 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1859 England ..	177	(a) M.	59-59-59	.98- .98- .98
1859 England ..	562	(a) M.	56-56-56	1.34-1.34-1.34
1859 England ..	564	(a) (a)	58-63 —	.93-1.16- —
(b) Germany .	609	(a) (a)	(a)	.37- .37- .37
1859 Ireland ...	563	(a) (a)	63-63-63	1.14-1.14-1.14
1860 Mass	190	14 M.	60-60-60	1.25-2.00-1.53
1860 N. Y.....	190	15 M.	60-60-60	2.00-2.75-2.05
1860 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1860 Ohio	361	2 M.	(a)	1.67-1.75-1.71
1860 Pa	190	20 M.	54-54-54	2.00-2.00-2.00
1860 England ..	45	(a) M.	(a)	1.22-1.46- —
1860 England ..	564	(a) (a)	58-63 —	.97-1.22- —
1860 Germany..	185	(a) M.	(a)	.42- .42- .42
1860 Ireland ...	563	(a) (a)	60-63 —	.97-1.22- —
(c) Scotland ..	563	(a) (a)	(a)	1.05-1.05-1.05
1861 Mass	190	33 M.	60-60-60	1.50-2.25-1.81
1861 N. Y.....	190	18 M.	60-60-60	2.00-2.50-2.03
1861 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1861 Pa	190	20 M.	54-54-54	2.00-2.00-2.00
1861 England ..	564	(a) (a)	63-63-63	1.05-1.22- —
1861 Scotland ..	564	(a) (a)	(a)	1.14-1.14-1.14
1862 Mass	190	14 M.	60-60-60	1.25-2.00-1.79
1862 N. Y.....	190	16 M.	60-60-60	2.00-2.50-2.11
1862 Ohio	190	2 M.	60-60-60	2.50-2.50-2.50
1862 Pa	190	20 M.	54-54-54	2.25-2.25-2.25
1862 England ..	564	(a) (a)	58-58-58	.97- .97- .97
1863 Mass	190	11 M.	60-60-60	1.40-2.50-2.05
1863 N. Y.....	190	9 M.	60-60-60	1.50-2.50-2.25
1863 Ohio	190	2 M.	60-60-60	2.75-2.75-2.75
1863 England ..	565	(a) (a)	d60-63 —	.97-1.46- —
1863 Ireland....	565	(a) (a)	e60-60-60	1.22-1.22-1.22
1863 Scotland ..	565	(a) (a)	(a)	.89-1.14- —
1864 Mass	190	21 M.	60-60-60	1.75-3.00-2.31
1864 N. Y.....	190	14 M.	60-60-60	1.75-3.00-2.77
1864 Ohio	190	2 M.	60-60-60	3.00-3.00-3.00
1864 Pa	190	35 M.	54-54-54	2.50-2.50-2.50
1864 Germany .	185	(a) M.	(a)	.42- .42- .42
1865 Mass	190	20 M.	60-60-60	2.00-3.00-2.59
1865 N. Y.....	190	9 M.	60-60-60	2.25-3.00-2.81
1865 Ohio	190	2 M.	60-60-60	4.00-4.00-4.00
1865 Pa	190	30 M.	54-54-54	3.00-3.00-3.00
1865 Germany .	185	(a) M.	(a)	.48- .48- .48
1866 Mass	190	16 M.	60-60-60	2.25-3.75-2.95
1866 N. Y.....	190	12 M.	60-60-60	3.00-4.00-3.58
1866 Ohio	190	2 M.	60-60-60	4.00-4.00-4.00
1866 Pa	190	40 M.	54-54-54	3.00-3.00-3.00
1866 England ..	566	(a) M.	f59-63 —	.41-2.07- —
1866 England ..	627	(a) M.	(a)	.73- .73- .73
1866 Germany .	185	(a) M.	(a)	.48- .48- .48
1866 Scotland ..	566	(a) M.	57-60 —	1.18-1.22- —
1867 Mass	190	25 M.	60-60-60	2.25-4.00-3.17
1867 N. Y.....	190	9 M.	60-60-60	3.50-5.00-4.67
1867 Ohio	190	2 M.	60-60-60	5.00-5.00-5.00
1867 Pa	190	40 M.	54-54-54	3.50-3.50-3.50
1867 Germany .	185	(a) M.	(a)	.48- .48- .48
1867 Gr't Brit ..	575	(a) M.	51-61 —	.73-1.53- —
1868 Mass	190	29 M.	60-60-60	3.00-4.00-3.76
1868 N. Y.....	190	10 M.	60-60-60	4.00-4.50-4.35
1868 Ohio	190	2 M.	60-60-60	5.00-5.00-5.00
1868 Pa	190	40 M.	54-54-54	3.50-3.50-3.50
(g) England ..	567	(a) M.	54-63 —	1.14-1.34- —
1868 Germany .	610	(a) M.	h72-72-72	0.49-0.61- —
1868 Gr't Brit ..	575	(a) M.	51-61 —	.73-1.53- —
1869 Mass	190	21 M.	60-60-60	2.25-4.00-3.44
1869 N. Y.....	190	25 M.	60-60-60	4.00-5.00-4.88
1869 Ohio	190	2 M.	60-60-60	5.00-5.00-5.00
1869 Pa	190	50 M.	54-54-54	3.50-3.50-3.50
1869 Denmark .	609	(a) (a)	(a)	.64- .73- —
1869 England ..	177	(a) M.	59-59-59	1.20-1.20-1.20
1869 Germany .	609	(a) (a)	54-66 —	.61- .73- —
1869 Gr't Brit ..	575	(a) M.	51-61 —	.73-1.53- —
1869 Peru	609	(a) (a)	(a)	1.83-3.65- —
1869 Turkey ...	609	(a) (a)	(a)	.49- .49- .49
1870 Cal.....	16	11 M.	48-48-48	5.00-5.00-5.00
1870 Ill.....	16	40 M.	60-60-60	3.00-3.50-3.38
1870 La	16	5 M.	60-60-60	2.25-3.00-2.50
1870 Md.....	16	65 M.	59-59-59	4.00-4.50-4.15
1870 Mass	16	42 M.	60-60-60	3.50-5.00-4.04
1870 Mass	190	17 M.	60-60-60	3.00-4.00-3.81
1870 Minn	16	16 M.	60-60-60	3.50-3.50-3.50
1870 Mo.....	16	15 M.	60-60-60	3.00-3.00-3.00
1870 N. Y	16	278 M.	60-60-60	3.00-4.00-3.83
1870 N. Y.....	190	18 M.	60-60-60	4.00-5.00-4.83
1870 Ohio	16	6 M.	60-60-60	4.50-4.50-4.50
1870 Ohio	190	2 M.	60-60-60	5.00-5.00-5.00
1870 Pa	16	40 M.	60-60-60	3.00-5.00-4.65
1870 Pa	190	50 M.	54-54-54	3.50-3.50-3.50
1870 Va	16	10 M.	60-60-60	3.50-3.50-3.50
1870 Brazil.....	610	(a) (a)	(a)	1.46-1.58- —
1870 Chile.....	610	(a) (a)	(a)	1.40-1.83- —
1870 England ..	16	(a) M.	55-57 —	1.53-1.66- —
1870 England ..	45	(a) M.	(a)	1.30-1.30-1.30
1870 England ..	177	(a) M.	61-61-61	1.02-1.02-1.02
1870 France....	16	(a) M.	(a)	1.06-1.06-1.06
1870 France....	17	(a) M.	(a)	.87- .87- .87
1870 Germany .	610	(a) M.	72-72-72	.30- .73- —
1870 Germany .	610	(a) M.	66-66-66	i.28- .28- .28
1870 Gr't Brit ..	575	(a) M.	51-61 —	.73-1.53- —
1870 Italy.....	610	(a) M.	(a)	.54- .54- .54
1870 Netherl'ds	610	(a) M.	60-60-60	.38- .38- .38
1870 Norway ..	610	(a) M.	(a)	.65-1.08- —
1870 Portugal..	610	(a) M.	(a)	.24- .37- —
1870 Russia	610	(a) M.	(a)	.73- .94- —
1870 Scotland..	16	(a) M.	55-55-55	1.14-1.14-1.14
1870 Servia	610	(a) M.	(a)	.49- .97- —
1870 Turkey ...	610	(a) M.	(a)	.49- .81- —
1870 Turk. in A.	610	(a) M.	(a)	.09- .37- —
1870 Uruguay ..	610	(a) M.	(a)	2.03-2.03-2.03
1871 Cal.....	16	16 M.	48-48-48	5.00-5.00-5.00
1871 Ill.....	16	30 M.	60-60-60	5.00-5.00-5.00
1871 La	16	4 M.	60-60-60	2.25-3.00-2.50
1871 Md.....	16	60 M.	59-59-59	4.00-4.50-4.29
1871 Mass	16	53 M.	60-60-60	4.00-5.00-4.31
1871 Mass	190	28 M.	60-60-60	2.50-4.25-3.63
1871 Minn	16	18 M.	60-60-60	3.50-3.50-3.50
1871 Mo.....	16	15 M.	60-60-60	3.00-3.00-3.00
1871 N. Y.....	16	308 M.	60-60-60	3.00-4.00-3.84
1871 N. Y.....	190	13 M.	60-60-60	4.00-4.00-4.00
1871 Ohio	16	6 M.	60-60-60	5.00-5.00-5.00
1871 Ohio	190	5 M.	60-60-60	5.00-5.00-5.00
1871 Pa	16	14 M.	60-60-60	3.00-4.00-3.48
1871 Pa	190	55 M.	54-54-54	4.00-4.00-4.00
1871 Va	16	12 M.	60-60-60	3.50-3.50-3.50
1871 Argentina.	611	(a) M.	(a)	1.46-2.19- —
1871 England ..	16	(a) M.	55-57 —	1.53-1.66- —
1871 England ..	568	(a) M.	60-60-60	1.14-1.22- —
1871 England ..	629	(a) (a)	j57-57-57	.99-1.53- —
1871 France....	16	(a) M.	(a)	1.06-1.06-1.06

a Not reported.
b Average for 1850–59.
c Average for 1859–60.
d Applies to but 3 of the 6 wage quotations.
e Applies to but 2 of the 3 wage quotations.
f Applies to but 6 of the 9 wage quotations.
g Average for 1867–68.
h Applies to but 2 of the 4 wage quotations.
i And board and lodging.
j Applies to but 1 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 France	17	(a) M.	(a)	0.87-0.87-0.87
1871 France	611	(a) M.	(a)	.68- .97- —
1871 Germany	185	(a) M.	(a)	.36- .84- —
1871 Gr't Brit	575	(a) M.	51-61 —	.73-1.53- —
1871 Ireland	568	(a) M.	57-60 —	1.14-1.22- —
1871 Italy	611	(a) M.	(a)	.20- .30- —
1871 Netherl'ds	611	(a) M.	60-72 —	.53- .83- —
1871 Norway	185	(a) (a)	(a)	.65-1.08- —
1871 Scotland	16	(a) M.	55-55-55	1.14-1.14-1.14
1871 Turkey	611	(a) M.	(a)	.61-1.83- —
1872 Cal	16	9 M.	48-48-48	5.00-5.00-5.00
1872 Ill	16	68 M.	60-60-60	5.00-5.00-5.00
1872 La	16	3 M.	60-60-60	2.25-3.00-2.58
1872 Md	16	80 M.	59-59-59	4.00-4.50-4.19
1872 Mass	16	39 M.	60-60-60	3.50-4.75-4.47
1872 Mass	190	33 M.	60-60-60	2.25-4.50-3.13
1872 Minn	16	26 M.	60-60-60	3.50-3.50-3.50
1872 Mo	16	15 M.	60-60-60	3.00-3.00-3.00
1872 N. Y	16	301 M.	54-60-59	3.00-4.00-3.83
1872 N. Y	190	13 M.	48-60-51	4.00-4.00-4.00
1872 Ohio	16	5 M.	60-60-60	5.00-5.00-5.00
1872 Ohio	190	5 M.	60-60-60	5.00-5.00-5.00
1872 Ohio	361	3 M.	(a)	3.33-4.17-3.67
1872 Pa	16	34 M.	60-60-60	3.00-5.00-4.52
1872 Pa	190	55 M.	54-54-54	4.00-4.00-4.00
1872 Va	16	12 M.	60-60-60	3.50-3.50-3.50
1872 Canada	185	(a) M.	(a)	2.25-2.25-2.25
1872 Canary Is	617	(a) M.	(a)	.48- .77- —
1872 England	16	(a) M.	53-55 —	1.51-1.66- —
1872 England	185	(a) M.	54-60 —	.36-1.45- —
1872 France	16	(a) M.	(a)	1.16-1.16-1.16
1872 France	17	(a) M.	(a)	.87- .87- .87
1872 Germany	185	(a) M.	(a)	.60- .97- —
1872 Gr't Brit	575	(a) M.	50-60 —	.81-1.61- —
1872 Ireland	185	(a) M.	60-60-60	1.13-1.21- —
1872 Netherl'ds	185	(a) (a)	b 60-72 —	.52- .85- —
1872 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1873 Cal	16	13 M.	48-48-48	5.00-5.00-5.00
1873 Ill	16	45 M.	60-60-60	3.50-3.50-3.50
1873 La	16	5 M.	60-60-60	2.25-3.00-2.50
1873 Md	16	45 M.	59-59-59	3.00-4.50-3.72
1873 Mass	16	51 M.	60-60-60	3.33-4.75-4.04
1873 Mass	190	21 M.	60-60-60	2.25-4.75-3.50
1873 Minn	16	26 M.	60-60-60	3.50-3.50-3.50
1873 Mo	16	12 M.	60-60-60	2.75-2.75-2.75
1873 N. Y	16	267 M.	54-60-59	3.00-4.00-3.81
1873 N. Y	190	12 M.	48-60-53	4.00-5.00-4.29
1873 Ohio	16	5 M.	60-60-60	5.00-5.00-5.00
1873 Ohio	190	5 M.	60-60-60	5.00-5.00-5.00
1873 Pa	16	31 M.	60-60-60	3.25-5.00-4.18
1873 Pa	190	40 M.	54-54-54	3.75-3.75-3.75
1873 Va	16	15 M.	60-60-60	3.50-3.50-3.50
1873 Aust-Hun	185	(a) (a)	(a)	1.00-1.00-1.00
1873 Canada	185	(a) M.	(a)	1.50-3.00- —
1873 Canada	185	(a) M.	(a)	c1.75-1.75-1.75
1873 Denmark	185	(a) (a)	(a)	.80- .80- .80
1873 England	16	(a) M.	53-55 —	1.57-1.60- —
1873 England	177	(a) M.	54-54-54	1.20-1.35- —
1873 England	177	(a) M.	(a)	d .16- .16- .16
1873 England	185	(a) M.	(a)	d .15- .15- .15
1873 France	16	(a) M.	(a)	1.16-1.16-1.16
1873 France	17	(a) M.	(a)	.87- .87- .87
1873 France	185	(a) M.	(a)	.50-1.00- —
1873 Germany	185	(a) (a)	(a)	1.08-1.08-1.08
1873 Gr't Brit	185	(a) M.	(a)	1.37-1.37-1.37
1873 Gr't Brit	575	(a) M.	50-60 —	.81-1.61- —
1873 Greece	185	(a) (a)	(a)	.65-1.00- —
1873 Ireland	185	(a) M.	(a)	.84-1.32- —
1873 Italy	185	(a) M.	(a)	.34- .90- —
1873 Italy	185	(a) M.	(a)	c 0.40-0.40-0.40
1873 Jamaica	185	(a) M.	(a)	4.50-4.50-4.50
1873 N. Found	185	(a) M.	(a)	1.80-1.80-1.80
1873 Norway	185	(a) (a)	(a)	.84-1.06- —
1873 Russia	185	(a) (a)	(a)	1.60-1.60-1.60
1873 Russia	185	(a) (a)	(a)	c1.50-1.50-1.50
1873 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1873 Sweden	167	(a) M.	72-72-72	.96-1.14- —
1873 Switzerl'd	185	(a) (a)	(a)	.75- .90- —
1873 Tripoli	185	(a) (a)	(a)	.52- .52- .52
1873 Tunis	185	(a) (a)	(a)	.60- .60- .60
1874 Cal	16	10 M.	48-48-48	5.00-5.00-5.00
1874 Ill	16	30 M.	60-60-60	2.50-2.50-2.50
1874 La	16	3 M.	60-60-60	2.25-2.75-2.42
1874 Md	16	33 M.	59-59-59	3.00-3.50-3.20
1874 Mass	16	49 M.	60-60-60	3.00-4.00-3.53
1874 Mass	190	18 M.	60-60-60	3.00-4.00-3.42
1874 Minn	16	26 M.	60-60-60	3.50-3.50-3.50
1874 Mo	16	12 M.	60-60-60	2.75-2.75-2.75
1874 N. Y	16	256 M.	54-60-59	3.00-3.50-3.40
1874 N. Y	190	13 M.	48-60-53	3.50-4.50-3.88
1874 Ohio	16	5 M.	60-60-60	5.00-5.00-5.00
1874 Ohio	190	2 M.	60-60-60	5.00-5.00-5.00
1874 Pa	16	38 M.	60-60-60	3.25-4.00-3.84
1874 Pa	190	40 M.	54-54-54	3.50-3.50-3.50
1874 Pa	380	55 M.	(a)	2.00-3.75-2.23
1874 Va	16	8 M.	60-60-60	3.00-3.00-3.00
1874 Br. India	459	(a) (a)	(a)	.15- .21- —
1874 Canada	185	(a) M.	(a)	2.00-3.00- —
1874 Canada	185	(a) M.	(a)	c 2.50-2.50-2.50
1874 England	16	(a) M.	53-55 —	1.57-1.60- —
1874 England	185	(a) M.	(a)	1.28-1.72- —
1874 England	185	(a) M.	(a)	d .16- .16- .16
1874 England	569	(a) M.	54-54-54	1.46-1.46-1.46
1874 France	16	(a) M.	(a)	1.16-1.16-1.16
1874 France	17	(a) M.	(a)	.87- .87- .87
1874 Germany	168	(a) M.	(a)	.82- .89- —
1874 Germany	185	(a) M.	(a)	1.00-1.20- —
1874 Gr't Brit	575	(a) M.	50-60 —	.97-1.60- —
1874 Ireland	569	(a) M.	e 54-54-54	1.28-1.30- —
1874 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1874 Scotland	177	(a) M.	51-51-51	1.36-1.36-1.36
1874 Scotland	185	(a) M.	51-51-51	1.40-1.60- —
1875 Cal	16	18 M.	48-60-59	5.00-5.00-5.00
1875 Ill	16	20 M.	60-60-60	2.50-2.50-2.50
1875 La	16	4 M.	60-60-60	2.25-3.00-2.50
1875 Md	16	35 M.	59-59-59	3.50-4.00-3.71
1875 Mass	16	57 M.	60-60-60	3.00-4.50-3.53
1875 Mass	190	15 M.	60-60-60	3.00-4.00-3.30
1875 Minn	16	29 M.	60-60-60	3.50-3.50-3.50
1875 Mo	16	12 M.	60-60-60	2.75-2.75-2.75
1875 N. Y	16	260 M.	54-60-59	3.00-3.50-3.35
1875 N. Y	190	9 M.	48-60-53	3.00-4.00-3.39
1875 Ohio	16	5 M.	60-60-60	4.50-4.50-4.50
1875 Ohio	190	2 M.	60-60-60	4.50-4.50-4.50
1875 Pa	16	54 M.	60-60-60	3.00-4 00-3.40
1875 Pa	190	45 M.	54-54-54	3.25-3.25-3 25
1875 Va	16	9 M.	60-60-60	2.75-2.75-2.75
1875 Br. India	459	(a) (a)	(a)	.14- .20- —
1875 England	16	(a) M.	53-55 —	1.60-1.66- —
1875 France	16	(a) M.	(a)	1.16-1.16-1.16
1875 France	17	(a) M.	(a)	.87- .87- .87
1875 Gr't Brit	575	(a) M.	50-60 —	.97-1.63- —
1875 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1875 Scotland	177	(a) M.	51-51-51	1.36-1.36-1.36
1875 Spain	169	(a) M.	(a)	.75- .75- .75
1876 Cal	16	18 M.	48-60-57	4.00-5.00-4.22
1876 Ill	16	20 M.	60-60-60	3.00-3.00-3.00
1876 La	16	3 M.	60-60-60	2.25-3.00-2.58

a Not reported.
b Applies to but 4 of the 5 wage quotations.
c And board.
d Per hour.
e Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Md	16	36 M.	59-59-59	3.50-4.00-3.69
1876 Mass	16	22 M.	60-60-60	2.88-4.00-3.45
1876 Mass	190	16 M.	60-60-60	3.00-4.00-3.44
1876 Minn	16	37 M.	60-60-60	3.50-3.50-3.50
1876 Mo	16	15 M.	60-60-60	2.75-2.75-2.75
1876 N. Y	16	307 M.	54-60-58	2.50-3.50-3.11
1876 N. Y	190	8 M.	48-60-53	2.50-4.00-2.94
1876 Ohio	16	4 M.	60-60-60	4.50-4.50-4.50
1876 Ohio	190	2 M.	60-60-60	4.50-4.50-4.50
1876 Pa	16	52 M.	60-60-60	2.50-3.75-2.90
1876 Pa	190	60 M.	54-54-54	3.00-3.00-3.00
1876 Pa	381	8 M.	(a)	1.29-4.00-2.49
1876 Va	16	10 M.	60-60-60	2.50-2.50-2.50
1876 Australia	171	(a) M.	(a)	2.92-2.92-2.92
1876 Br. India	459	(a) (a)	(a)	.14- .20- —
1876 England	16	(a) M.	53-55 —	1.60-1.84- —
1876 France	16	(a) M.	(a)	1.16-1.16-1.16
1876 France	17	(a) M.	(a)	.87- .87- .87
1876 Gr't Brit	575	(a) M.	50-60 —	.97-1.84- —
1876 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1876 Scotland	177	(a) M.	51-51-51	1.53-1.53-1.53
1877 Cal	16	14 M.	48-60-58	4.00-5.00-4.14
1877 Ill	16	20 M.	60-60-60	3.00-3.00-3.00
1877 La	16	4 M.	60-60-60	2.25-3.00-2.56
1877 Md	16	36 M.	53-53-53	3.50-4.00-3.72
1877 Mass	16	33 M.	60-60-60	2.50-4.00-3,23
1877 Mass	190	34 M.	60-60-60	2.50-3.50-2.70
1877 Minn	16	37 M.	60-60-60	3.50-3.50-3.50
1877 Mo	16	20 M.	60-60-60	2.75-2.75-2.75
1877 N. Y	16	284 M.	54-60-58	2.50-3.50-2.85
1877 N. Y	190	6 M.	48-60-52	2.50-4.00-2.83
1877 Ohio	16	4 M.	60-60-60	4.00-4.00-4.00
1877 Ohio	190	2 M.	60-60-60	4.00-4.00-4.00
1877 Pa	16	45 M.	60-60-60	2.25-3.60-2.99
1877 Pa	190	60 M.	54-54-54	2.75-2.75-2.75
1877 Pa	382	1 M.	60-60-60	1.80-1.80-1.80
1877 Va	16	10 M.	60-60-60	2.50-2.50-2.50
1877 Br. India	459	(a) (a)	(a)	.14- .20- —
1877 England	16	(a) M.	53-55 —	1.60-1.93- —
1877 England	45	(a) M.	(a)	1.41-1.75- —
1877 England	570	(a) M.	b49-67 —	.57-1.93- —
1877 England	570	(a) M.	(a)	c.16- .18½- —
1877 France	16	(a) M.	(a)	1.45-1.45-1.45
1877 France	17	(a) M.	(a)	.87- .87- .87
1877 Gr't Brit	575	(a) M.	50-60 —	.97-1.84- —
1877 Scotland	177	(a) M.	51-51-51	1.70-1.70-1.70
1877 Scotland	570	(a) M.	51-51-51	1.29-1.38- —
1878 Cal	16	20 M.	48-60-54	4.00-4.00-4.00
1878 Ill	16	20 M.	60-60-60	3.00-3.00-3.00
1878 La	16	4 M.	60-60-60	2.25-3.00-2.56
1878 Md	16	52 M.	53-53-53	3.50-4.00-3.71
1878 Mass	16	27 M.	60-60-60	2.50-3.50-3.00
1878 Mass	190	27 M.	60-60-60	2.50-3.25-2.79
1878 Minn	16	37 M.	60-60-60	3.50-3.50-3.50
1878 Mo	16	15 M.	60-60-60	3.00-3.00-3.00
1878 N. Y	16	324 M.	54-60-58	2.50-3.50-2.81
1878 N. Y	190	8 M.	48-60-51	2.50-4.00-2.75
1878 Ohio	16	4 M.	60-60-60	4.00-4.00-4.00
1878 Ohio	190	2 M.	60-60-60	4.00-4.00-4.00
1878 Ohio	360	45 M.	d60-60-60	2.00-2.25-2.20
1878 Pa	16	24 M.	60-60-60	2.50-3.50-2.83
1878 Pa	190	55 M.	54-54-54	2.25-2.25-2.25
1878 Pa	383	19 M.	e60-72-62	1.25-3.50-2.28
1878 Va	16	12 M.	60-60-60	2.50-2.50-2.50
1878 Belgium	177	(a) M.	(a)	1.00-1.00-1.00
1878 Belgium	177	(a) M.	(a)	c.10- .10- .10
1878 Br. India	459	(a) (a)	(a)	.14- .20- —
1878 Canada	177	(a) M.	(a)	1.50-2.50- —
1878 England	16	(a) M.	53-55 —	1.60-1.66- —
1878 England	43	(a) (a)	(a)	1.12-1.12-1.12
1878 England	43	(a) (a)	(a)	c.17- .17- .17
1878 England	177	(a) M.	f50-65 —	.90-1.84- —
1878 France	16	(a) M.	(a)	1.45-1.45-1.45
1878 France	17	(a) M.	(a)	.87- .87- .87
1878 France	177	(a) M.	g60-60-60	.67-1.30- —
1878 Germany	177	(a) M.	(a)	.55-1.07- —
1878 Gr't Brit	575	(a) M.	50-60 —	.97-1.72- —
1878 Italy	177	(a) M.	(a)	.45- .80- —
1878 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1878 Scotland	177	(a) M.	h51-54 —	1.61-1.72- —
1878 Spain	177	(a) M.	i54-54-54	.85- .90- —
1878 Switzerl'd	177	(a) M.	(a)	.80- .80- .80
1878 Wales	177	(a) M.	54-54-54	1.46-1.46-1.46
1879 Cal	16	20 M.	48-60-55	4.00-4.00-4.00
1879 Ill	16	35 M.	60-60-60	3.50-3.50-3.50
1879 La	16	2 M.	60-60-60	2.00-2.50-2.25
1879 Md	16	50 M.	53-53-53	3.50-4.00-3.70
1879 Mass	16	28 M.	60-60-60	2.40-3.00-2.74
1879 Mass	190	23 M.	60-60-60	2.50-3.25-2.68
1879 Minn	16	37 M.	60-60-60	3.50-3.50-3.50
1879 Mo	16	20 M.	60-60-60	3.00-3.00-3.00
1879 Mo	293	19 M.	(a)	1.50-3.00-2.33
1879 N. J	318	1 (a)	60-60-60	1.50-1.50-1.50
1879 N. Y	16	338 M.	54-60-58	3.00-3.50-3.15
1879 N. Y	190	9 M.	48-60-53	2.50-3.00-2.56
1879 Ohio	16	4 M.	60-60-60	3.50-3.50-3.50
1879 Ohio	190	4 M.	60-60-60	4.00-4.00-4.00
1879 Ohio	361	4 M.	(a)	2.00-3.67-2.48
1879 Pa	16	30 M.	60-60-60	2.00-3.25-2.71
1879 Pa	190	60 M.	54-54-54	2.25-2.25-2.25
1879 Pa	384	4 M.	60-60-60	1.67-2.67-2.15
1879 Va	16	12 M.	60-60-60	2.50-2.50-2.50
1879 Br. India	459	(a) (a)	(a)	.14- .20- —
1879 England	16	(a) M.	53-55 —	1.60-1.66- —
1879 France	16	(a) M.	(a)	1.45-1.45-1.45
1879 France	17	(a) M.	(a)	.87- .87- .87
1879 Gr't Brit	575	(a) M.	50-62 —	.97-1.72- —
1879 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1880 Cal	16	15 M.	48-60-56	4.00-4.00-4.00
1880 Ill	16	40 M.	60-60-60	3.50-3.50-3.50
1880 La	16	4 M.	60-60-60	2.25-3.00-2.56
1880 Md	16	50 M.	53-53-53	3.50-4.00-3.70
1880 Mass	16	33 M.	60-60-60	2.50-3.00-2.59
1880 Mass	190	21 M.	60-60-60	2.75-3.25-2.81
1880 Minn	16	37 M.	60-60-60	3.50-3.50-3.50
1880 Mo	16	15 M.	60-60-60	3.50-3.50-3.50
1880 N. J	319	2 (a)	58-60-59	2.00-2.50-2.25
1880 N. Y	16	411 M.	54-60-59	3.00-3.50-3.12
1880 N. Y	190	3 M.	48-60-52	2.75-3.00-2.92
1880 Ohio	16	4 M.	60-60-60	3.50-3.50-3.50
1880 Ohio	190	13 M.	60-60-60	3.50-3.75-3.58
1880 Ohio	362	200 M.	(a)	3.50-3.50-3.50
1880 Pa	16	43 M.	60-60-60	2.00-3.50-2.70
1880 Pa	190	50 M.	54-54-54	2.00-2.00-2.00
1880 Pa	385	2 M.	60-60-60	1.75-2.50-2.13
1880 Va	16	8 M.	60-60-60	2.50-2.50-2.50
1880 Br. India	459	(a) (a)	(a)	.12- .21- —
1880 England	16	(a) M.	53-55 —	1.57-1.60- —
1880 England	571	(a) M.	50-57 —	1.17-1.60- —
1880 France	16	(a) M.	(a)	1.64-1.64-1.64
1880 France	17	(a) M.	(a)	1.06-1.06-1.06
1880 Gr't Brit	575	(a) M.	50-62 —	.97-1.72- —
1880 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1880 Scotland	571	(a) M.	51-54 —	1.21-1.30- —

a Not reported.
b Applies to but 20 of the 22 wage quotations.
c Per hour.
d Not including hours of 44 persons not reported.
e Not including hours of 8 persons not reported.
f Applies to but 63 of the 66 wage quotations.
g Applies to but 1 of the 3 wage quotations.
h Applies to but 5 of the 6 wage quotations.
i Applies to but 2 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1880	Sweden	21	(a)	(a)	(a)	0.74-0.74-0.74
1880	Wales	571	(a)	M.	54-54-54	1.37-1.37-1.37
1881	Cal	16	16	M.	48-60-57	4.00-4.00-4.00
1881	Ill	16	80	M.	60-60-60	3.50-3.50-3.50
1881	La	16	4	M.	60-60-60	2.75-3.00-2.88
1881	Md	16	45	M.	48-48-48	3.50-4.00-3.67
1881	Mass	16	40	M.	60-60-60	2.50-3.00-2.72
1881	Mass	190	12	M.	60-60-60	3.00-3.50-3.19
1881	Minn	2	14	M.	59-59-59	4.00-4.00-4.00
1881	Minn	16	45	M.	60-60-60	4.50-5.00-4.72
1881	Mo	2	100	M.	60-60-60	4.00-4.10-4.05
1881	Mo	16	16	M.	60-60-60	4.00-4.00-4.00
1881	N. J	320	6	M.	b 60-60-60	2.67-4.00-3.28
1881	N. Y	16	466	M.	54-60-59	3.50-3.50-3.50
1881	N. Y	190	9	M.	48-60-49	2.75-4.50-4.31
1881	Ohio	16	5	M.	60-60-60	4.00-4.00-4.00
1881	Ohio	190	13	M.	60-60-60	3.50-3.50-3.50
1881	Ohio	363	11	M.	b 59-60-60	2.50-4.00-3.39
1881	Pa	16	41	M.	60-60-60	2.00-3.50-2.86
1881	Pa	190	50	M.	54-54-54	3.00-3.00-3.00
1881	Va	16	10	M.	60-60-60	2.50-2.50-2.50
1881	Australia	431	(a)	(a)	(a)	2.43-2.92- —
1881	Br. India	459	(a)	(a)	(a)	.12- .21- —
1881	England	16	(a)	M.	53-55 —	1.57-1.60- —
1881	France	16	(a)	M.	(a)	1.64-1.64-1.64
1881	France	17	(a)	M.	(a)	1.06-1.06-1.06
1881	Gr't Brit	575	(a)	M.	50-62 —	.97-1.72- —
1881	Scotland	16	(a)	M.	51-51-51	1.21-1.21-1.21
1881	Scotland	29	(a)	(a)	51-51-51	1.25-1.25-1.25
1882	Cal	16	13	M.	48-60-57	4.00-5.50-5.15
1882	Conn	2	28	M.	60-60-60	3.50-3.50-3.50
1882	Del	2	146	M.	50-50-50	3.00-3.25-3.13
1882	Ill	16	100	M.	60-60-60	3.50-3.50-3.50
1882	Ill	206	11	M.	60-60-60	2.68-2.68-2.68
1882	Iowa	2	38	M.	60-60-60	2.50-4.50-3.93
1882	La	16	5	M.	60-60-60	2.25-3.00-2.50
1882	Md	16	40	M.	48-48-48	4.00-4.00-4.00
1882	Mass	16	49	M.	60-60-60	2.75-4.00-3.20
1882	Mass	190	21	M.	60-60-60	2.25-4.00-3.14
1882	Minn	2	72	M.	59-60-60	3.25-4.25-3.60
1882	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1882	Mo	16	16	M.	60-60-60	4.00-4.00-4.00
1882	Mo	294	29	M.	60-60-60	4.00-4.75-4.45
1882	N. J	321	40	M.	(a)	2.75-2.75-2.75
1882	N. Y	16	462	M.	54-60-59	3.50-4.00-3.89
1882	N. Y	190	10	M.	48-60-53	3.50-4.00-3.80
1882	Ohio	16	6	M.	60-60-60	4.00-4.00-4.00
1882	Ohio	190	13	M.	60-60-60	3.50-3.50-3.50
1882	Ohio	364	4	(a)	59-60-59	3.50-4.00-3.75
1882	Pa	16	39	M.	60-60-60	2.25-4.50-3.20
1882	Pa	190	50	M.	54-54-54	3.00-3.00-3.00
1882	Pa	387	5	M.	b 60-60-60	2.00-3.50-2.70
1882	Va	16	14	M.	60-60-60	3.00-3.00-3.00
1882	Br. India	459	(a)	(a)	(a)	.12- .21- —
1882	Canada	33	(a)	(a)	(a)	2.00-2.25- —
1882	England	16	(a)	M.	53-55 —	1.57-1.60- —
1882	France	16	(a)	M.	(a)	1.64-1.64-1.64
1882	France	17	(a)	M.	(a)	1.06-1.06-1.06
1882	Germany	30	(a)	M.	(a)	.48- .71- —
1882	Gr't Brit	575	(a)	M.	50-62 —	.97-1.72- —
1882	Scotland	16	(a)	M.	51-51-51	1.21-1.21-1.21
1882	Scotland	37	(a)	M.	51-51-51	1.33-1.33-1.33
1883	Cal	16	12	M.	48-54-53	4.00-5.50-5.25
1883	Ill	2	6400	M.	59-59-59	3.50-4.00-3.75
1883	Ill	16	78	M.	60-60-60	3.50-3.50-3.50
1883	Ind	2	20	M.	60-60-60	3.50-3.67-3.54
1883	Iowa	2	75	M.	59-60-60	4.00-4.50-4.17
1883	La	16	5	M.	60-60-60	2.25-3.00-2.50
1883	Md	16	50	M.	48-48-48	4.00-4.00-4.00
1883	Mass	16	54	M.	60-60-60	2.50-4.00-3.16
1883	Mass	190	26	M.	60-60-60	2.25-4.00-2.89
1883	Mass	273	197	M.	(a)	3.00-3.75-3.32
1883	Mich	277	140	M.	(a)	1.25-6.00-3.17
1883	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1883	Mo	16	21	M.	60-60-60	4.50-4.50-4.50
1883	N. J	322	100	M.	60-60-60	2.00-3.00-2.67
1883	N. Y	16	592	M.	54-60-58	4.00-4.00-4.00
1883	N. Y	190	10	M.	48-60-54	3.50-4.00-3.80
1883	Ohio	16	4	M.	60-60-60	4.50-4.50-4.50
1883	Ohio	190	14	M.	60-60-60	3.50-3.50-3.50
1883	Ohio	365	16	M.	(c)	2.50-5.00-3.92
1883	Pa	16	42	M.	60-60-60	2.25-4.50-3.51
1883	Pa	190	55	M.	54-54-54	3.25-3.25-3.25
1883	Tex	2	56	M.	60-60-60	4.50-5.00-4.75
1883	Va	2	40	M.	60-60-60	2.32-2.57-2.45
1883	Va	16	18	M.	60-60-60	3.50-3.50-3.50
1883	Br. India	459	(a)	(a)	(a)	.12- .21- —
1883	Canada	178	(a)	(a)	60-60-60	3.00-3.00-3.00
1883	England	16	(a)	M.	53-55 —	1.57-1.60- —
1883	England	43	(a)	(a)	50-50-50	.93-1.30- —
1883	England	43	(a)	(a)	(a)	d .16- .16- .16
1883	England	45	(a)	M.	(a)	1.15-1.56- —
1883	England	572	(a)	(a)	50-57 —	1.09-1.60- —
1883	France	16	(a)	M.	(a)	1.64-1.64-1.64
1883	France	17	(a)	M.	(a)	1.06-1.06-1.06
1883	Gr't Brit	273	(a)	M.	(a)	.61-1.83- —
1883	Gr't Brit	575	(a)	M.	50-62 —	.97-1.72- —
1883	Ireland	43	(a)	(a)	(a)	1.05-1.22- —
1883	Scotland	16	(a)	M.	51-51-51	1.38-1.38-1.38
1883	Scotland	572	(a)	M.	51-55 —	1.34-1.46- —
1883	Wales	43	(a)	(a)	(a)	d .12- .14- —
1883	Wales	572	(a)	(a)	54-54-54	1.37-1.37-1.37
1884	Cal	16	12	M.	48-54-53	5.00-5.50-5.42
1884	Cal	192	30	M.	e 48-60-54	3.00-4.00-3.50
1884	Ill	16	100	M.	60-60-60	3.50-3.50-3.50
1884	Ill	207	4	M.	(a)	4.00-5.00-4.25
1884	Iowa	2	15	M.	60-60-60	4.00-4.00-4.00
1884	Iowa	231	59	M.	60-72-60	2.00-10.00-3.57
1884	La	2	60	M.	60-60-60	3.50-3.50-3.50
1884	La	16	5	M.	60-60-60	2.25-3.00-2.50
1884	Md	16	50	M.	48-48-48	4.00-4.50-4.25
1884	Mass	16	48	M.	60-60-60	2.75-4.00-3.28
1884	Mass	190	26	M.	60-60-60	2.25-4.00-3.04
1884	Mich	278	42	M.	(a)	1.75-4.00-2.93
1884	Minn	2	121	M.	59-59-59	3.60-4.00-3.85
1884	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1884	Mo	16	29	M.	60-60-60	4.50-4.50-4.50
1884	Mo	295	3	M.	60-60-60	4.00-4.50-4.17
1884	N. J	2	25	M.	59-59-59	3.50-3.50-3.50
1884	N. J	323	160	M.	f 60-60-60	2.33-4.00-2.98
1884	N. Y	2	240	M.	53-58-55	4.00-4.00-4.00
1884	N. Y	16	559	M.	54-60-58	4.00-4.00-4.00
1884	N. Y	190	5	M.	54-60-56	3.50-4.00-3.80
1884	Ohio	16	4	M.	60-60-60	4.50-4.50-4.50
1884	Ohio	190	10	M.	60-60-60	3.50-3.84-3.53
1884	Ohio	366	10	M.	60-60-60	3.48-3.48-3.48
1884	Pa	16	27	M.	60-60-60	2.50-4.00-3.56
1884	Pa	190	55	M.	54-54-54	3.25-3.25-3.25
1884	Tex	2	23	M.	60-60-60	3.50-3.50-3.50
1884	Va	16	15	M.	60-60-60	3.50-3.50-3.50
1884	Australia	178	(a)	M.	48-48-48	2.43-2.92- —
1884	Aust-Hun	178	(a)	M.	60-72 —	.40-1.00- —
1884	Bahamas	178	(a)	M.	(a)	.84-1.25- —
1884	Belgium	178	(a)	M.	g 60-72 —	.55-1.13- —

a Not reported.
b Not including hours of 1 person not reported.
c 59-100-62 hours; not including hours of 1 person not reported.
d Per hour.
e Not including hours of 10 persons not reported.
f Not including hours of 155 persons not reported.
g Applies to but 6 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Brazil.....	178	(a) M.	b 60-60-60	0.42-3.20- —
1884 Br. Guiana	178	(a) M.	54-54-54	.80-1.20- —
1884 Br. Hond..	178	(a) (a)	54-54-54	.80-1.70- —
1884 Br. India..	459	(a) (a)	(a)	.06- .21- —
1884 Canada ...	178	(a) M.	c 60-60-60	1.50-3.50- —
1884 Canada ...	466	(a) M.	59-60 —	2.17-2.48- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.17-2.00- —
1884 Ceylon....	178	(a) (a)	53-53-53	.34- .39- —
1884 China.....	178	(a) M.	60-60-60	.27- .35- —
1884 Colombia .	178	(a) (a)	60-72 —	.40-1.61- —
1884 Cuba.....	178	(a) M.	d 59-59-59	1.36-4.66- —
1884 Denmark .	178	(a) M.	60-60-60	.89-1.79- —
1884 Ecuador ..	178	(a) M.	60-60-60	1.00-1.50- —
1884 England ..	16	(a) M.	53-55 —	1.57-1.60- —
1884 England ..	178	(a) M.	e 48-57 —	.73-1.62- —
1884 England ..	178	(a) M.	(a)	f .10- .19½- —
1884 Falkl'd Is.	178	(a) (a)	(a)	f .24- .24- .24
1884 France....	16	(a) M.	(a)	1.64-1.64-1.64
1884 France....	17	(a) M.	(a)	1.06-1.06-1.06
1884 France....	178	(a) M.	60-66 —	.73-1.35- —
1884 Germany .	178	(a) M.	g 60-72 —	.40-1.20- —
1884 Gibraltar..	178	(a) M.	56-56-56	.83-1.33- —
1884 Gr't Brit ..	575	(a) M.	50-62 —	.97-1.72- —
1884 Hawai.Is..	178	(a) (a)	54-54-54	4.00-6.00- —
1884 Ireland ...	178	(a) M.	h 56-60 —	.97-1.34- —
1884 Italy.....	178	(a) M.	i 60-72 —	.29-1.52- —
1884 Malta.....	178	(a) M.	60-60-60	.73- .97- —
1884 Mexico ...	178	(a) (a)	j 60-60-60	.43-3.00- —
1884 Morocco ..	178	(a) (a)	60-72 —	.50-1.50- —
1884 Netherl'ds	178	(a) M.	60-63 —	.67-1.42- —
1884 Netherl'ds	184	(a) (a)	(a)	f .06½-.06½-.06½
1884 N. Zealand	178	(a) (a)	60-60-60	2.43-3.16- —
1884 Persia.....	178	(a) (a)	(a)	.32- .48- —
1884 Peru	178	(a) M.	(a)	1.64-2.46- —
1884 Philip. Is..	178	(a) M.	(a)	.60- .60- .60
1884 Russia	178	(a) M.	60-75 —	.35-1.61- —
1884 Scotland ..	16	(a) M.	51-51-51	1.38-1.38-1.38
1884 Scotland ..	178	(a) M.	k 51-51-51	1.11-1.72- —
1884 S'ra Leone	178	(a) M.	48-48-48	.48- .84- —
1884 Spain	178	(a) M.	l 54-72 —	.50-1.20- —
1884 Switzerl'd.	178	(a) M.	n 60-66 —	.58-1.35- —
1884 Turkey ...	178	(a) M.	(a)	.79- .97- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.61-4.70- —
1884 Venezuela	178	(a) (a)	(a)	1.15-2.50- —
1884 Wales.....	178	(a) M.	o 54-54-54	1.35-1.35-1.35
1885 Cal.....	16	14 M.	48-54-52	5.00-5.50-5.36
1885 Ill.....	1	1 M.	60-60-60	2.80-2.80-2.80
1885 Ill.....	16	100 M.	48-48-48	4.00-4.00-4.00
1885 Kans.....	239	16 M.	60-60-60	3.50-4.00-3.93
1885 Ky	1	1 M.	60-60-60	3.50-3.50-3.50
1885 La	16	4 M.	60-60-60	2.00-3.00-2.50
1885 Md.....	16	65 M.	48-48-48	4.00-4.50-4.04
1885 Mass	16	37 M.	60-60-60	2.75-4.50-3.33
1885 Mass	190	25 M.	60-60-60	2.75-4.00-3.42
1885 Minn	16	45 M.	60-60-60	5.00-5.00-5.00
1885 Mo.....	16	8 M.	60-60-60	4.50-4.50-4.50
1885 N. J.....	324	154 M.	60-60-60	3.00-3.25-3.00
1885 N. Y.....	2	46 M.	60-60-60	3.50-3.50-3.50
1885 N. Y.....	16	554 M.	54-54-54	3.78-4.00-3.84
1885 N. Y.....	190	7 M.	54-60-55	3.50-4.00-3.93
1885 Ohio	1	3 M.	60-72-68	1.50-3.60-2.90
1885 Ohio	16	7 M.	60-60-60	4.50-4.50-4.50
1885 Ohio	190	10 M.	60-60-60	3.50-3.84-3.53
1885 Oregon....	2	18 M.	59-59-59	6.00-6.00-6.00
1885 Pa	1	65 M.	60-72-64	2.70-3.50-2.96
1885 Pa	2	30 M.	60-60-60	3.50-3.50-3.50
1885 Pa	16	40 M.	54-60-57	3.00-4.50-3.70
1885 Pa	190	30 M.	54-54-54	3.75-3.75-3.75
1885 Va	1	1 M.	60-60-60	3.00-3.00-3.00
1885 Va	16	12 M.	60-60-60	3.50-3.50-3.50
1885 Australia..	175	(a) (a)	(a)	2.43-2.92- —
1885 Australia..	431	(a) (a)	(a)	2.92-3.16- —
1885 Br. India..	459	(a) (a)	(a)	.06- .20- —
1885 Canada ...	460	(a) (a)	60-60-60	1.50-4.00- —
1885 Canada ...	467	(a) M.	57-57-57	2.47-2.47-2.47
1885 Ecuador ..	134	(a) (a)	(a)	.24- .24- .24
1885 England ..	16	(a) M.	53-55 —	1.57-1.60- —
1885 France	16	(a) M.	(a)	1.64-1.64-1.64
1885 France	17	(a) M.	(a)	1.06-1.06-1.06
1885 Gr't Brit ..	1	(a) M.	72-72-72	1.20-1.20-1.20
1885 Gr't Brit ..	575	(a) M.	50-62 —	.97-1.72- —
1885 N. Zealand	68	(a) M.	(a)	2.19-3.89- —
1885 Norway ...	184	(a) M.	(a)	.56- .63- —
1885 Scotland ..	16	(a) M.	51-51-51	1.21-1.21-1.21
1886 Cal.....	16	18 M.	48-54-53	5.00-5.50-5.39
1886 Cal.....	193	224 M.	p 60-60-60	2.30-4.50-3.01
1886 Cal.....	193	10 M.	48-48-48	q 3.50-3.50-3.50
1886 D. C.....	2	631 M.	53-58-54	4.50-4.50-4.50
1886 Ill.....	16	100 M.	48-48-48	4.00-4.00-4.00
1886 Ill.....	208	43 M.	60-60-60	2.00-4.00-3.21
1886 Ind	2	610 M.	54-60-57	4.00-4.05-4.03
1886 Iowa.....	232	154 M.	48-78-59	1.00-6.00-3.12
1886 Kans.....	240	14 M.	60-60-60	3.50-4.50-4.00
1886 La	16	4 M.	60-60-60	2.25-3.00-2.56
1886 Md.....	16	60 M.	48-48-48	3.50-4.00-3.88
1886 Mass	2	600 M.	58-60-59	3.40-3.65-3.53
1886 Mass	16	50 M.	58-60-59	3.00-4.00-3.34
1886 Mass	190	24 M.	60-60-60	2.50-4.00-3.19
1886 Minn	2	57 M.	54-66-55	3.60-4.00-3.63
1886 Minn	16	45 M.	60-60-60	5.00-5.00-5.00
1886 Mo.....	16	14 M.	48-48-48	3.60-3.60-3.60
1886 N. Y.....	2	454 M.	48-58-48	3.00-3.50-3.11
1886 N. Y.....	16	472 M.	54-54-54	4.00-4.05-4.03
1886 N. Y.....	190	5 M.	54-60-55	3.50-4.00-3.90
1886 N. Y.....	331	37 M.	53-53-53	3.60-4.00-3.82
1886 Ohio	16	4 M.	60-60-60	4.50-4.50-4.50
1886 Ohio	190	9 M.	60-60-60	3.50-3.50-3.50
1886 Ohio	368	7 M.	(a)	1.69-4.10-3.03
1886 Pa	16	23 M.	54-54-54	3.00-4.50-3.68
1886 Pa	190	30 M.	54-54-54	3.75-3.75-3.75
1886 S. C	2	300 M.	59-60-60	2.75-3.00-3.88
1886 Va	2	80 M.	58-60-59	4.00-4.50-4.25
1886 Va	16	9 M.	60-60-60	3.50-3.50-3.50
1886 Wis	2	25 M.	59-59-59	2.50-2.50-2.50
1886 Argentina.	57	(a) M.	o 60-60-60	1.40-3.00- —
1886 Australia .	184	(a) M.	(a)	2.43-2.92- —
1886 Bolivia....	57	(a) M.	(a)	1.00-1.50- —
1886 Br. India..	459	(a) (a)	(a)	.05½- .19- —
1886 Canada ...	73	(a) M.	(a)	2.50-2.50-2.50
1886 Canada ...	461	(a) M.	60-60-60	1.50-5.00- —
1886 Canada ...	468	(a) M.	51-52 —	2.31-2.53- —
1886 C. of G'd H.	483	(a) (a)	(a)	1.46-3.65- —
1886 England ..	16	(a) M.	53-55 —	1.57-1.60- —
1886 England ..	604	(a) M.	r 54-54-54	1.14-1.68- —
1886 France	16	(a) M.	(a)	1.64-1.64-1.64
1886 France	17	(a) M.	(a)	1.06-1.06-1.06
1886 France	66	(a) M.	(a)	.85- .85- .85
1886 Gr't Brit ..	575	(a) M.	50-62 —	.97-1.72- —

a Not reported.
b Applies to but 1 of the 5 wage quotations.
c Applies to but 27 of the 33 wage quotations.
d Applies to but 4 of the 6 wage quotations.
e Applies to but 56 of the 84 wage quotations.
f Per hour.
g Applies to but 47 of the 54 wage quotations.
h Applies to but 6 of the 8 wage quotations.
i Applies to but 14 of the 17 wage quotations.
j Applies to but 8 of the 10 wage quotations.
k Applies to but 16 of the 20 wage quotations.
l Applies to but 12 of the 13 wage quotations.
n Applies to but 8 of the 15 wage quotations.
o Applies to but 2 of the 4 wage quotations.
p Not including hours of 10 persons not reported.
q And board.
r Applies to but 1 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886	Gr't Brit ..	602	(a)	M.	(a)	0.97-1.25- —
1886	Gr't Brit ..	604	(a)	M.	57-57-57	1.41-1.41-1.41
1886	Ireland ...	604	(a)	M.	(a)	1.38-1.38-1.38
1886	Netherl'ds	456	(a)	(a)	60-60-60	.68- .68- .68
1886	Scotland ..	16	(a)	M.	51-51-51	1.21-1.21-1.21
1886	Scotland ..	604	(a)	M.	b 51-51-51	1.21-1.21-1.21
1886	Spain	66	(a)	M.	(a)	.85- .85- .85
1887	Cal	16	18	M.	48-54-53	5.00-5.50-5.39
1887	Ill	16	120	M.	48-48-48	4.00-4.00-4.00
1887	Kans	241	9	M.	c 60-60-60	4.00-5.00-4.33
1887	La	16	4	M.	60-60-60	2.25-2.50-2.38
1887	Md	4	36	M.	(a)	1.90-5.50-3.50
1887	Md	16	40	M.	48-48-48	3.50-4.00-3.81
1887	Mass	4	35	M.	(a)	1.75-3.50-2.17
1887	Mass	16	42	M.	54-58-57	3.00-4.00-3.50
1887	Mass	190	19	M.	60-60-60	2.25-4.00-3.11
1887	Mich	4	4	M.	60-60-60	2.00-4.00-3.15
1887	Mich	4	2	M.	(a)	d .30- .30- .30
1887	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1887	Mo	4	13	M.	(a)	2.50-4.00-2.67
1887	Mo	16	16	M.	48-48-48	4.00-4.00-4.00
1887	N. J	4	1	M.	(a)	2.40-2.40-2.40
1887	N. Y	4	4	M.	(a)	3.00-3.00-3.00
1887	N. Y	16	464	M.	54-54-54	4.00-4.05-4.03
1887	N. Y	190	5	M.	54-60-56	3.50-4.00-3.80
1887	N. Y	331	110	M.	53-59-55	3.00-4.05-3.55
1887	N. C	342	9	M.	60-66-61	1.50-3.00-2.19
1887	Ohio	16	5	M.	60-60-60	5.00-5.00-5.00
1887	Ohio	190	9	M.	60-60-60	3.25-3.25-3.25
1887	Ohio	369	1712	M.	54-60-59	1.50-4.50-3.21
1887	Pa	4	21	M.	e 60-60-60	2.00-3.50-2.83
1887	Pa	16	52	M.	54-54-54	3.00-4.50-3.80
1887	Pa	190	30	M.	54-54-54	3.75-3.75-3.75
1887	Pa	390	10	M.	(a)	3.80-3.80-3.80
1887	Va	4	5	M.	(a)	3.00-4.00-3.40
1887	Va	16	10	M.	60-60-60	3.50-3.50-3.50
1887	Wis	409	11	M.	(a)	1.50-4.50-2.81
1887	Australia .	420	(a)	(a)	48-48-48	2.68-2.92- —
1887	Br. India ..	459	(a)	(a)	(a)	.11- .20- —
1887	Canada ...	469	(a)	M.	59-59-59	2.52-2.63- —
1887	C. of G'd H.	483	(a)	(a)	(a)	.97-2.92- —
1887	England ..	16	(a)	M.	53-55 —	1.57-1.60- —
1887	England ..	70	(a)	M.	(a)	1.22-1.22-1.22
1887	England ..	573	(a)	(a)	50-62 —	.97-1.72- —
1887	France	16	(a)	M.	(a)	1.64-1.64-1.64
1887	France	17	(a)	M.	(a)	1.06-1.06-1.06
1887	Gr't Brit ..	575	(a)	M.	50-62 —	.97-1.72- —
1887	Netherl'ds	598	(a)	(a)	60-60-60	.71- .71- .71
1887	Scotland ..	16	(a)	M.	51-51-51	1.21-1.55- —
1887	Wales	573	(a)	(a)	54-54-54	1.34-1.34-1.34
1888	Cal	16	12	M.	48-54-53	5.00-5.50-5.42
1888	Ga	6	1	M.	(a)	2.00-2.00-2.00
1888	Ill	16	120	M.	48-48-48	4.00-4.00-4.00
1888	Iowa	233	214	M.	48-60-57	2.17-4.00-3.17
1888	Kans	242	32	M.	f 48-48-48	4.00-5.00-4.79
1888	Kans	243	3	M.	(a)	5.33-5.33-5.33
1888	La	16	3	M.	60-60-60	2.25-2.50-2.42
1888	Me	254	2	M.	60-60-60	3.00-3.50-3.25
1888	Md	16	30	M.	48-48-48	4.00-4.00-4.00
1888	Mass	16	42	M.	54-54-54	2.70-4.50-3.47
1888	Mass	190	23	M.	60-60-60	2.50-3.87-2.99
1888	Mich	280	3	M.	60-60-60	1.50-3.26-2.17
1888	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1888	Mo	16	12	M.	48-48-48	4.40-4.40-4.40
1888	N. J	326	8	(a)	54-54-54	2.50-4.05-3.50
1888	N. Y	16	494	M.	54-54-54	4.00-4.05-4.03
1888	N. Y	190	9	M.	54-60-57	3.50-4.00-3.81
1888	N. Y	331	420	M.	g 53-60-56	3.00-5.00-3.48
1888	N. C	343	94	M.	h 60-72-64	1.00-3.00-1.86
1888	Ohio	16	5	M.	60-60-60	4.50-4.50-4.50
1888	Ohio	190	9	M.	60-60-60	3.25-3.25-3.25
1888	Ohio	370	1677	M.	(a)	1.75-4.50-3.23
1888	Pa	16	36	M.	54-54-54	3.15-4.50-3.92
1888	Pa	190	34	M.	54-54-54	3.75-3.75-3.75
1888	S. C	6	2	M.	(a)	1.00-1.75-1.38
1888	Tenn	5	13	M.	(a)	4.00-5.00-4.08
1888	Va	5	7	M.	(a)	3.00-3.00-3.00
1888	Va	16	10	M.	60-60-60	3.50-3.50-3.50
1888	Australia ..	83	(a)	(a)	(a)	2.00-2.25- —
1888	Australia ..	421	(a)	M.	48-48-48	2.43-2.68- —
1888	Br. India ..	459	(a)	(a)	(a)	.07- .18- —
1888	Canada ...	470	(a)	M.	58-58-58	2.68-2.68-2.68
1888	C. of G'd H.	483	(a)	(a)	(a)	.73-4.06- —
1888	England ..	16	(a)	M.	53-55 —	1.57-1.60- —
1888	England ..	574	(a)	(a)	50-62 —	.97-1.72- —
1888	France	16	(a)	M.	(a)	1.64-1.64-1.64
1888	France	17	(a)	M.	(a)	1.06-1.06-1.06
1888	Germany .	615	(a)	M.	(a)	.56- .87- —
1888	Scotland ..	16	(a)	M.	51-51-51	1.30-1.30-1.30
1888	Wales	574	(a)	(a)	54-54-54	1.37-1.37-1.37
1889	Cal	16	13	M.	48-54-53	5.00-6.00-5.77
1889	Ill	5	12	M.	60-60-60	3.00-4.00-3.33
1889	Ill	16	130	M.	48-48-48	4.00-4.00-4.00
1889	Ind	6	1	M.	60-60-60	3.50-3.50-3.50
1889	Kans	243	4	M.	(a)	3.25-3.25-3.25
1889	La	16	3	M.	60-60-60	2.25-3.00-2.58
1889	Md	16	40	M.	48-48-48	4.00-4.00-4.00
1889	Mass	16	46	M.	54-54-54	3.00-3.78-3.54
1889	Mass	190	21	M.	60-60-60	2.25-3.87-3.27
1889	Minn	16	45	M.	60-60-60	5.00-5.00-5.00
1889	Mo	5	2	M.	(a)	2.25-3.50-2.88
1889	Mo	16	22	M.	48-48-48	4.40-4.40-4.40
1889	N. Y	5	9	M.	60-60-60	4.00-4.00-4.00
1889	N. Y	16	678	M.	48-54-51	4.00-4.05-4.03
1889	N. Y	190	4	M.	54-60-57	3.50-4.00-3.88
1889	N. C	344	5	M.	60-72-62	2.00-2.50-2.30
1889	Ohio	16	5	M.	60-60-60	5.00-5.00-5.00
1889	Ohio	190	1	M.	60-60-60	3.25-3.25-3.25
1889	Pa	5	32	M.	i 60-60-60	2.50-5.50-3.68
1889	Pa	16	65	M.	54-54-54	3.60-4.50-3.84
1889	Pa	190	32	M.	54-54-54	3.75-3.75-3.75
1889	Tenn	6	6	M.	66-66-66	4.00-4.00-4.00
1889	Va	16	12	M.	60-60-60	3.50-3.50-3.50
1889	W. Va	5	3	M.	c 60-60-60	2.50-4.00-3.50
1889	Wis	410	14	M.	(a)	1.84-4.32-3.22
1889	Australia .	422	(a)	(a)	48-48-48	2.68-2.68-2.68
1889	Belgium ..	16	(a)	M.	(a)	.68- .77- —
1889	Br. India ..	459	(a)	(a)	(a)	.07- .17- —
1889	Canada ...	471	(a)	M.	56-57 —	2.47-2.54- —
1889	C. of G'd H.	483	(a)	(a)	(a)	.97-3.04- —
1889	China	86	(a)	(a)	(a)	.30- .40- —
1889	China	88	(a)	(a)	(a)	.20- .20- .20
1889	England ..	5	(a)	M.	j 54-56 —	1.22-1.40- —
1889	England ..	16	(a)	M.	53-55 —	1.57-1.60- —
1889	England ..	576	(a)	M.	50-62 —	.97-1.72- —
1889	France	16	(a)	M.	(a)	1.64-1.64-1.64
1889	France	17	(a)	M.	(a)	1.06-1.06-1.06
1889	Germany .	615	(a)	M.	(a)	.63- .99- —
1889	Italy	95	(a)	M.	b 60-60-60	.30- .60- —
1889	Jamaica ..	89	(a)	M.	55-55-55	.75- .75- .75
1889	N. Zealand	96	(a)	M.	(a)	2.67-2.67-2.67
1889	Scotland ..	5	(a)	M.	(a)	1.46-1.46-1.46
1889	Scotland ..	16	(a)	M.	51-51-51	1.38-1.38-1.38
1889	Wales	576	(a)	M.	54-54-54	1.37-1.37-1.37

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Not including hours of 2 persons not reported.
d Per hour.
e Not including hours of 18 persons not reported.
f Not including hours of 24 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 8 persons not reported.
i Not including hours of 28 persons not reported.
j Applies to but 5 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Cal.	16	24 M.	48-54-53	5.00-6.00-5.83
1890 Ill.	16	130 M.	48-48-48	4.00-4.00-4.00
1890 Kans.	244	23 M.	(a)	2.50-5.00-4.05
1890 La	6	5 M.	(a)	2.00-3.50-2.90
1890 La	16	4 M.	60-60-60	2.25-3.00-2.56
1890 Md.	16	60 M.	48-48-48	3.50-4.00-3.75
1890 Mass	16	71 M.	54-54-54	3.51-4.05-3.65
1890 Mass	190	22 M.	60-60-60	2.50-3.87-3.23
1890 Minn	16	70 M.	60-60-60	4.50-4.50-4.50
1890 Minn	292	164 M.	(a)	2.25-4.75-3.68
1890 Mo	6	3 M.	(a)	2.50-6.00-4.67
1890 Mo	16	23 M.	48-48-48	4.40-4.40-4.40
1890 N. Y.	16	647 M.	48-48-48	4.00-4.00-4.00
1890 N. Y.	190	5 M.	54-60-59	3.50-4.50-3.85
1890 N. Y.	333	12 M.	(a)	2.00-3.50-2.88
1890 Ohio	5	1 M.	(a)	4.50-4.50-4.50
1890 Ohio	16	4 M.	54-54-54	4.95-4.95-4.95
1890 Ohio	190	9 M.	60-60-60	3.25-3.25-3.25
1890 Pa	16	49 M.	54-54-54	3.60-4.50-3.92
1890 Pa	190	30 M.	54-54-54	3.75-3.75-3.75
1890 Va	16	15 M.	60-60-60	4.00-4.00-4.00
1890 Australia	423	(a) (a)	48-48-48	2.19-2.68- —
1890 Br. India	459	(a) (a)	(a)	.07- .22- —
1890 C. of G'd H.	484	(a) M.	(a)	1.95-4.06- —
1890 England	5	(a) M.	(a)	1.36-1.36-1.36
1890 England	16	(a) M.	53-55 —	1.57-1.60- —
1890 England	180	(a) M.	54-54-54	1.44-1.44-1.44
1890 England	180	(a) M.	(a)	*b* .17- .17- .17
1890 England	576	(a) M.	60-60-60	1.46-1.46-1.46
1890 England	577	(a) M.	49-62 —	.90-1.75- —
1890 France	16	(a) M.	(a)	1.64-1.64-1.64
1890 France	17	(a) M.	(a)	1.06-1.06-1.06
1890 Ireland	577	(a) M.	54-54-54	1.46-1.46-1.46
1890 N. Zealand	180	(a) M.	48-48-48	2.19-2.43- —
1890 N. Zealand	683	(a) (a)	(a)	1.70-2.92- —
1890 Norway	184	(a) M.	(a)	.60- 69- —
1890 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1890 Scotland	577	(a) M.	51-56 —	1.16-1.55- —
1890 Wales	577	(a) M.	54-54-54	1.46-1.46-1.46
1891 Cal.	16	21 M.	48-54-53	5.00-6.00-5.81
1891 Ill.	16	220 M.	48-48-48	4.00-4.00-4.00
1891 La	16	5 M.	54-54-54	4.05-4.05-4.05
1891 Md.	16	39 M.	48-48-48	3.50-4.00-3.72
1891 Mass	16	52 M.	54-54-54	3.00-3.78-3.75
1891 Mass	190	27 M.	60-60-60	2.25-3.75-3.04
1891 Minn	16	70 M.	60-60-60	4.50-4.50-4.50
1891 Mo	16	24 M.	48-48-48	4.40-4.40-4.40
1891 Mo	300	6 M.	(a)	2.66-3.20-2.98
1891 N. Y.	16	693 M.	48-48-48	4.00-4.00-4.00
1891 N. Y.	190	7 M.	48-60-57	3.50-4.00-3.75
1891 N. Y.	333	10 M.	(a)	2.00-3.50-2.75
1891 Ohio	16	4 M.	54-54-54	4.95-4.95-4.95
1891 Ohio	190	14 M.	60-60-60	3.25-4.00-3.52
1891 Pa	16	9 M.	54-54-54	3.60-4.05-3.95
1891 Pa	190	30 M.	54-54-54	4.00-4.00-4.00
1891 Va	16	14 M.	60-60-60	4.00-4.00-4.00
1891 Wis	411	186 M.	(a)	*b* .20- .70- .37
1891 Australia	433	(a) M.	48-48-48	2.68-3.41- —
1891 Br. India	459	(a) (a)	(a)	.08- .19- —
1891 China	105	(a) (a)	(a)	.21- .21- .21
1891 England	16	(a) M.	53-55 —	1.60-1.66- —
1891 England	576	(a) M.	*c* 49-57 —	1.24-1.66- —
1891 England	577	(a) M.	49-57 —	1.09-1.66- —
1891 England	578	(a) M.	47-64 —	.90-1.76- —
1891 England	604	(a) M.	(a)	1.40-1.62- —
1891 France	16	(a) M.	(a)	1.64-1.64-1.64
1891 France	17	(a) M.	(a)	1.06-1.06-1.06
1891 France	102	(a) M.	60-60-60	1.25-1.25-1.25
1891 France	505	(a) M.	60-60-60	1.54-1.54-1.54
1891 Germany	103	(a) M.	(a)	*b* .12-.14½- —
1891 Gr't Brit	576	(a) M.	54-54-54	1.14-1.14-1.14
1891 Ireland	576	(a) M.	*d* 54-60 —	.97-1.54- —
1891 Ireland	577	(a) M.	54-57 —	.97-1.46- —
1891 Ireland	578	(a) M.	54-54-54	1.46-1.46-1.46
1891 Ireland	604	(a) M.	(a)	1.50-1.50-1.50
1891 N. Zealand	667	(a) (a)	(a)	1.95-3.41- —
1891 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1891 Scotland	576	(a) M.	51-51-51	1.47-1.47-1.47
1891 Scotland	578	(a) M.	51-51-51	1.16-1.64- —
1891 Scotland	604	(a) M.	51-51-51	1.52-1.52-1.52
1891 Wales	578	(a) M.	54-57 —	1.46-1.53- —
1892 Cal.	16	24 M.	48-54-53	5.00-6.00-5.83
1892 Cal.	196	91 M.	48-54-53	3.00-6.00-4.81
1892 Ill	16	250 M.	48-48-48	4.00-4.00-4.00
1892 Iowa	235	262 M.	54-60-55	3.50-4.50-3.97
1892 La	16	5 M.	54-54-54	4.05-4.05-4.05
1892 Md.	16	44 M.	48-48-48	3.50-4.00-3.77
1892 Mass	16	34 M.	54-54-54	3.00-4.05-3.68
1892 Mich.	284	729 M.	*e* 54-60-55	1.00-9.44-3.43
1892 Minn	16	70 M.	60-60-60	4.50-4.50-4.50
1892 Mo	16	8 M.	48-48-48	4.40-4.40-4.40
1892 Mo	301	1084 M.	*f* 54-54-54	2.82-4.50-4.41
1892 N. Y.	16	640 M.	48-48-48	4.00-4.00-4.00
1892 N. Y.	190	15 M.	48-60-50	3.50-4.00-3.93
1892 Ohio	16	4 M.	54-54-54	4.95-4.95-4.95
1892 Ohio	20	2 M.	60-60-60	2.60-3.50-3.05
1892 Ohio	190	3 M.	60-60-60	2.00-4.00-3.17
1892 Ohio	373	855 (a)	*g* 48-72-54	1.25-10.00-4.01
1892 Pa	16	25 M.	54-54-54	3.60-4.05-3.83
1892 Pa	190	6 M.	54-54-54	4.05-4.05-4.05
1892 Va	16	16 M.	54-54-54	3.60-3.60-3.60
1892 Australia	414	(a) (a)	(a)	2.43-2.92- —
1892 Australia	424	(a) M.	(a)	1.95-2.92- —
1892 Br. India	459	(a) (a)	(a)	.08- .17- —
1892 C. of G'd H.	486	(a) M.	(a)	1.46-4.06- —
1892 China	111	(a) (a)	(a)	.30- .50- —
1892 England	16	(a) M.	50-55 —	1.60-1.66- —
1892 England	111	(a) M.	*h* 55-55-55	1.62-1.70- —
1892 England	578	(a) M.	49-64 —	.97-1.76- —
1892 England	632	(a) (a)	(a)	*b* .18½-.20½- —
1892 England	632	(a) M.	50-60 —	1.14-1.66- —
1892 France	16	(a) M.	(a)	1.64-1.64-1.64
1892 France	17	(a) M.	(a)	1.06-1.06-1.06
1892 Germany	667	(a) (a)	(a)	.81- .81- .81
1892 Ireland	578	(a) M.	54-58 —	.97-1.46- —
1892 Italy	112	(a) M.	66-66-66	.60- .70- —
1892 Japan	132	(a) (a)	(a)	.14- .60- —
1892 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1892 Scotland	578	(a) M.	51-52 —	1.16-1.72- —
1892 Scotland	632	(a) M.	51-54 —	1.09-1.55- —
1892 Scotland	632	(a) M.	(a)	1.01-1.01-1.01
1892 Spain	134	(a) (a)	(a)	.63- .63- .63
1892 Wales	578	(a) M.	54-57 —	1.46-1.55- —
1893 Cal.	16	28 M.	48-48-48	5.00-5.00-5.00
1893 Ill.	10	24 M.	*i* 48-48-48	1.67-4.00-3.46
1893 Ill.	16	200 M.	48-48-48	4.00-4.00-4.00
1893 La	16	6 M.	54-54-54	4.05-4.05-4.05
1893 Md	10	18 M.	45-60-56	.50-5.00-2.44
1893 Md	16	47 M.	48-48-48	3.50-4.00-3.77
1893 Mass	16	39 M.	54-54-54	3.15-4.05-3.75
1893 Minn	16	50 M.	60-60-60	4.50-4.50-4.50
1893 Mo	16	12 M.	48-48-48	4.40-4.40-4.40
1893 Mont	307	22 M.	*j* 48-54-48	5.00-6.00-5.82
1893 N. Y.	10	78 M.	47-60-53	1.50-4.50-2.56

a Not reported.
b Per hour.
c Applies to but 25 of the 26 wage quotations.
d Applies to but 3 of the 4 wage quotations.
e Not including hours of 477 persons not reported.
f Not including hours of 959 persons not reported.
g Not including hours of 2 persons not reported.
h Applies to but 1 of the 3 wage quotations.
i Not including hours of 1 person not reported.
j Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 N. Y	16	653 M.	48-48-48	3.84-4.00-3.98
1893 Ohio	16	3 M.	54-54-54	4.50-4.50-4.50
1893 Ohio	20	3 M.	60-60-60	2.50-3.50-2.95
1893 Ohio	374	15 M.	60-60-60	2.00-4.00-3.45
1893 Pa	10	21 M.	48-60-55	1.33-5.00-3.10
1893 Pa	16	37 M.	54-54-54	3.20-4.50-3.96
1893 Va	16	18 M.	54-54-54	3.60-3.60-3.60
1893 Wis	412	81 M.	(a)	b .20- .42½-.33
1893 Australia	415	(a) (a)	(a)	1.95-2.68- —
1893 Aust-Hun	583	(a) M.	48-48-48	2.43-2.43-2.43
1893 Br. India	459	(a) (a)	(a)	.05½-.16- —
1893 C. of G'd H.	583	(a) M.	(a)	2.31-2.68- —
1893 England	16	(a) M.	50-55 —	1.60-1.66- —
1893 England	589	(a) M.	49-62 —	.95-1.75- —
1893 France	16	(a) M.	(a)	1.64-1.64-1.64
1893 France	17	(a) M.	(a)	1.06-1.06-1.06
1893 Ireland	578	(a) M.	54-57 —	1.46-1.54- —
1893 Ireland	589	(a) M.	54-57 —	1.46-1.55- —
1893 N. Zealand	668	(a) M.	44-44-44	1.62-1.62-1.62
1893 N. Zealand	682	(a) (a)	(a)	1.70-2.92- —
1893 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1893 Scotland	589	(a) M.	51-52 —	1.16-1.72- —
1893 Wales	589	(a) M.	54-57 —	1.38-1.62- —
1894 Cal	16	14 M.	48-48-48	5.00-5.00-5.00
1894 Ill	16	100 M.	48-48-48	4.00-4.00-4.00
1894 Iowa	236	24 M.	c 48-66-57	2.50-4.67-3.71
1894 La	16	8 M.	54-54-54	4.05-4.05-4.05
1894 Md	16	37 M.	48-48-48	3.50-4.00-3.70
1894 Mass	16	39 M.	48-54-52	3.36-4.05-3.65
1894 Minn	16	40 M.	60-60-60	4.50-4.50-4.50
1894 Mo	16	11 M.	48-48-48	4.40-4.40-4.40
1894 N. Y	16	732 M.	48-48-48	4.00-4.00-4.00
1894 N. C	348	6 (a)	60-72-64	1.25-3.00-2.13
1894 Ohio	16	3 M.	48-48-48	4.50-4.50-4.50
1894 Ohio	20	9 M.	60-60-60	2.25-3.50-3.17
1894 Ohio	375	36 M.	59-60-59	1.63-3.50-2.29
1894 Pa	16	65 M.	54-54-54	3.00-4.25-3.26
1894 Va	16	18 M.	54-54-54	3.60-3.60-3.60
1894 Australia	416	(a) (a)	(a)	1.70-2.43- —
1894 Australia	425	(a) (a)	(a)	2.19-2.47- —
1894 Br. India	459	(a) (a)	(a)	.06- .12- —
1894 Canada	187	(a) M.	60-60-60	2.50-3.50- —
1894 C. of G'd H.	487	(a) M.	48-72 —	1.31-4.01- —
1894 England	16	(a) M.	50-55 —	1.60-1.75- —
1894 England	128	(a) M.	d 50-50-50	1.34-1.50- —
1894 England	580	(a) M.	49-57 —	1.23-1.75- —
1894 England	590	(a) M.	(a)	1.12-1.12-1.12
1894 England	590	(a) M.	(a)	b .09½-.19½- —
1894 France	16	(a) M.	(a)	1.64-1.64-1.64
1894 France	17	(a) M.	(a)	1.06-1.06-1.06
1894 France	128	(a) M.	54-54-54	1.49-1.49-1.49
1894 France	128	(a) M.	(a)	b .14- .16½- —
1894 Ireland	580	(a) M.	54-54-54	1.46-1.46-1.46
1894 Netherl'ds	184	(a) (a)	(a)	b .07- .07- .07
1894 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1894 Scotland	580	(a) M.	51-51-51	1.55-1.55-1.55
1894 Scotland	590	(a) M.	(a)	b .17- .18½- —
1894 Wales	580	(a) M.	54-54-54	1.55-1.55-1.55
1895 Cal	16	14 M.	48-48-48	5.00-5.00-5.00
1895 Ill	16	100 M.	48-48-48	4.00-4.00-4.00
1895 La	16	6 M.	54-54-54	4.05-4.05-4.05
1895 Md	16	40 M.	48-48-48	3.00-3.00-3.00
1895 Mass	16	38 M.	48-48-48	2.40-3.60-3.34
1895 Minn	16	35 M.	60-60-60	4.50-4.50-4.50
1895 Mo	16	6 M.	48-48-48	4.40-4.40-4.40
1895 Mo	304	4 M.	(a)	2.70-5.50-4.68
1895 N. Y	16	668 M.	48-48-48	4.00-4.00-4.00
1895 N. C	349	25 M.	60-66-61	1.50-3.00-2.27
1895 Ohio	16	3 M.	48-48-48	4.50-4.50-4.50
1895 Ohio	20	7 M.	60-60-60	2.50-3.50-3.18
1895 Ohio	376	74 M.	48-72-61	1.50-5.00-3.00
1895 Pa	16	24 M.	54-54-54	3.00-4.05-3.56
1895 Va	16	10 M.	54-54-54	3.60-3.60-3.60
1895 Australia	417	(a) (a)	(a)	1.70-2.19- —
1895 Australia	426	(a) (a)	(a)	2.19-2.47- —
1895 Belgium	16	(a) M.	(a)	.70- .98- —
1895 Br. India	459	(a) (a)	(a)	.04- .13- —
1895 Canada	187	(a) M.	54-60 —	1.25-3.50- —
1895 China	136	(a) (a)	(a)	e .10- .10- .10
1895 England	16	(a) M.	50-55 —	1.60-1.75- —
1895 England	591	(a) M.	(a)	.92-1.64- —
1895 France	16	(a) M.	(a)	1.64-1.64-1.64
1895 France	17	(a) M.	(a)	1.06-1.06-1.06
1895 Greece	137	(a) (a)	(a)	.33- .55- —
1895 Japan	145	(a) (a)	(a)	.20- .20- .20
1895 N. Found	187	(a) M.	60-60-60	2.00-3.60- —
1895 N. Zealand	184	(a) M.	(a)	1.94-3.16- —
1895 Nicaragua	140	(a) (a)	(a)	.75-1.50- —
1895 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1895 Scotland	591	(a) M.	(a)	1.38-1.46- —
1896 Ala	15	1 M.	(a)	3.00-3.00-3.00
1896 Cal	16	14 M.	48-48-48	5.00-5.00-5.00
1896 Colo	200	150 M.	48-48-48	4.00-4.00-4.00
1896 Ga	15	8 M.	(a)	.75-3.00-1.86
1896 Ill	12	2 M.	48-48-48	2.00-4.00-3.00
1896 Ill	16	85 M.	48-48-48	4.00-4.00-4.00
1896 La	16	6 M.	54-54-54	3.15-3.60-3.38
1896 Md	7	1 M.	54-54-54	3.50-3.50-3.50
1896 Md	14	269 M.	48-54-53	2.99-3.49-3.02
1896 Md	16	40 M.	53-53-53	3.00-3.00-3.00
1896 Mass	14	500 M.	48-84-50	3.15-7.70-3.92
1896 Mass	15	2 M.	(a)	2.50-3.36-2.93
1896 Mass	16	38 M.	48-48-48	2.40-3.60-3.29
1896 Minn	16	35 M.	60-60-60	4.50-4.50-4.50
1896 Mo	16	8 M.	48-48-48	4.40-4.40-4.40
1896 N. Y	14	269 M.	48-60-48	3.20-4.00-3.96
1896 N. Y	16	571 M.	48-48-48	4.00-4.00-4.00
1896 N. Y	336	9 M.	(a)	1.04-4.00-2.19
1896 N. C	350	23 M.	f 60-72-62	1.00-2.50-1.88
1896 Ohio	16	4 M.	48-48-48	3.60-3.60-3.60
1896 Ohio	377	7 M.	60-60-60	1.85-3.75-3.30
1896 Pa	7	2 M.	60-60-60	3.33-3.33-3.33
1896 Pa	14	651 M.	50-60-52	2.50-5.49-4.35
1896 Pa	16	38 M.	54-54-54	3.00-4.05-3.52
1896 R. I	7	1 M.	60-60-60	2.00-2.00-2.00
1896 S. C	7	1 M.	66-66-66	2.25-2.25-2.25
1896 Tenn	15	4 M.	(a)	2.00-3.33-2.79
1896 Va	16	8 M.	54-54-54	3.15-3.15-3.15
1896 Australia	184	(a) M.	(a)	1.46-1.94- —
1896 Australia	427	(a) (a)	(a)	2.19-2.43- —
1896 Aust-Hun	442	(a) M.	42-66 —	.57-1.22- —
1896 Belgium	16	(a) M.	(a)	.74- .98- —
1896 Belgium	184	(a) (a)	(a)	.76- .76- .76
1896 Br. Guiana	184	(a) M.	(a)	.80-1.20- —
1896 Br. India	459	(a) (a)	(a)	.04- .15- —
1896 Canada	184	(a) (a)	(a)	4.00-4.00-4.00
1896 Canada	482	(a) (a)	54-54-54	3.00-3.35- —
1896 C. of G'd H.	184	(a) M.	(a)	2.16-2.40- —
1896 England	16	(a) M.	50-55 —	1.69-1.84- —
1896 England	581	(a) M.	49-57 —	1.23-1.84- —
1896 England	592	(a) M.	(a)	.98-1.75- —
1896 France	16	(a) M.	(a)	1.64-1.64-1.64
1896 France	17	(a) M.	(a)	1.06-1.06-1.06
1896 France	184	(a) (a)	(a)	b .15- .17- —
1896 Ireland	581	(a) M.	54-54-54	1.55-1.55-1.55
1896 Ireland	592	(a) M.	(a)	1.12-1.51- —
1896 Jamaica	184	(a) M.	(a)	.72-1.00- —
1896 Mexico	184	(a) M.	(a)	.38- .78- —

a Not reported.
b Per hour.
c Not including hours of 1 person not reported.
d Applies to but 1 of the 2 wage quotations.
e And food.
f Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKLAYERS—Concluded.

Year	and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1896	N.Zealand	586	(a)	M.	(a)	2.60-2.60-2.60
1896	Scotland	16	(a)	M.	51-51-51	1.55-1.55-1.55
1896	Scotland	581	(a)	M.	51-51-51	1.55-1.64- —
1896	Scotland	592	(a)	M.	(a)	1.50-1.58- —
1896	Wales	581	(a)	M.	54-54-54	1.55-1.55-1.55
1896	Wales	592	(a)	M.	(a)	1.09-1.22- —
1897	Cal.	16	14	M.	48-48-48	5.00-5.00-5.00
1897	Ill	16	100	M.	48-48-48	4.00-4.00-4.00
1897	La	16	7	M.	54-54-54	3.15-3.60-3.40
1897	Md.	16	48	M.	53-53-53	3.00-3.00-3.00
1897	Mass	16	46	M.	48-48-48	2.40-4.00-3.45
1897	Mich.	289	75	(a)	(a)	b .45- .45- .45
1897	Minn	16	35	M.	60-60-60	4.50-4.50-4.50
1897	Mo.	16	14	M.	48-48-48	4.40-4.40-4.40
1897	Mont.	311	8	(a)	(a)	2.73-2.73-2.73
1897	Nebr	314	61	(a)	48-54-48	2.25-4.00-3.93
1897	N. Y.	16	546	M.	48-48-48	4.00-4.00-4.00
1897	Ohio	16	5	M.	48-48-48	3.20-3.20-3.20
1897	Ohio	377	74	(a)	c54-60-60	1.50-8.10-3.02
1897	Pa	16	25	M.	54-54-54	2.70-4.05-3.54
1897	Va	16	6	M.	54-54-54	2.50-2.50-2.50
1897	Australia	418	(a)	(a)	(a)	1.70-2.68- —
1897	Belgium	587	(a)	M.	(a)	b .07- .07- .07
1897	England	593	(a)	(a)	d48-55 —	1.10-1.79- —
1897	Germany	679	(a)	(a)	54-54-54	1.20-1.20-1.20
1897	Germany	679	(a)	(a)	(a)	b.13½- .14½- —
1897	Ireland	587	(a)	M.	(a)	1.16-1.26- —
1897	Japan	145	(a)	(a)	(a)	.30- .30- .30
1897	Scotland	593	(a)	(a)	(a)	1.49-1.67- —
1897	Wales	593	(a)	(a)	(a)	1.37-1.46- —
1898	Cal.	16	14	M.	48-48-48	5.00-5.00-5.00
1898	Ill	16	150	M.	48-48-48	4.00-4.00-4.00
1898	Kans.	252	3	M.	48-54-52	3.20-4.50-4.07
1898	La	16	8	M.	54-54-54	3.15-3.60-3.38
1898	Md.	16	53	M.	53-53-53	3.00-3.00-3.00
1898	Mass	16	50	M.	48-48-48	3.20-4.40-3.41
1898	Mich.	290	85	M.	(a)	2.37-3.60-3.41
1898	Minn	16	35	M.	54-54-54	4.50-4.50-4.50
1898	Mo.	16	5	M.	48-48-48	3.20-3.20-3.20
1898	Nebr	314	176	(a)	42-60-56	.75-5.00-2.93
1898	N. Y.	16	465	M.	48-48-48	4.00-4.00-4.00
1898	Ohio	16	5	M.	48-48-48	3.20-3.20-3.20
1898	Ohio	18	10	M.	(a)	3.00-4.00-3.53
1898	Pa	16	34	M.	44-54-48	2.20-3.60-2.94
1898	Pa	18	8	M.	(a)	1.90-3.83-2.68
1898	Va	16	5	M.	54-54-54	2.25-2.25-2.25
1898	Va	404	25	(a)	54-54-54	4.00-4.00-4.00
1898	Australia	419	(a)	(a)	(a)	1.70-2.68- —
1898	C. of G'd H.	149	(a)	(a)	(a)	3.25-3.25-3.25
1898	England	582	(a)	(a)	49-57 —	1.32-1.84- —
1898	England	594	(a)	(a)	e49-56 —	.98-1.73- —
1898	England	680	(a)	M.	(a)	b.16½-.16½-.16½
1898	Germany	147	(a)	(a)	60-60-60	1.07-1.07-1.07
1898	Germany	151	(a)	(a)	(a)	.95-1.03- —
1898	Ireland	582	(a)	(a)	54-54-54	1.55-1.55-1.55
1898	Scotland	582	(a)	(a)	51-51-51	1.64-1.72- —
1898	Scotland	594	(a)	(a)	(a)	1.52-1.67- —
1898	Wales	582	(a)	(a)	54-54-54	1.55-1.55-1.55
1899	Ala	18	506	M.	50-60-50	4.05-4.40-4.05
1899	Cal.	18	40	M.	48-48-48	4.00-5.00-4.75
1899	Ga	18	40	M.	60-60-60	1.75-2.25-2.11
1899	Ill	18	9	M.	48-48-48	4.50-4.50-4.50
1899	Mass	18	200	M.	48-48-48	3.60-3.60-3.60
1899	Mont.	18	8	M.	48-48-48	6.00-6.00-6.00
1899	N. J.	18	8	M.	53-53-53	3.09-3.09-3.09
1899	N. Y.	18	287	M.	44-54-47	3.20-4.03-3.50
1899	N. C.	18	47	M.	60-60-60	1.75-3.00-2.28
1899	N. C.	353	22	M.	f48-84-62	1.25-2.50-1.95
1899	Ohio	18	23	M.	g60-60-60	1.82-4.68-3.47
1899	Pa	18	133	M.	h48-48-48	2.15-4.60-3.56
1899	England	588	(a)	(a)	i51-58 —	1.11-1.76- —
1899	Germany	156	(a)	(a)	60-60-60	.60-1.19- —
1899	Scotland	588	(a)	(a)	(a)	1.57-1.82- —
1899	Scotland	681	(a)	(a)	(a)	b .15- .15- .15
1899	Uruguay	157	(a)	(a)	j60-60-60	1.50-2.00- —
1899	Wales	588	(a)	(a)	(a)	1.50-1.59- —
1900	Ala	18	506	M.	54-54-54	4.05-4.40-4.05
1900	Cal.	18	54	M.	48-48-48	4.00-5.00-4.74
1900	Ga	18	43	M.	60-60-60	2.00-3.00-2.38
1900	Ill.	18	2	M.	48-48-48	4.50-4.50-4.50
1900	Mass	18	220	M.	48-48-48	3.60-3.60-3.60
1900	Mont.	18	4	M.	48-48-48	6.00-6.00-6.00
1900	N. J.	18	8	M.	53-53-53	3.53-3.53-3.53
1900	N. Y.	18	240	M.	44-54-47	3.20-4.03-3.53
1900	N. C.	18	50	M.	60-60-60	1.75-3.00-2.29
1900	Ohio	18	12	M.	60-60-60	2.75-4.25-3.63
1900	Pa	18	117	M.	48-48-48	4.00-4.00-4.00

BRICKMAKERS.

1840	England	564	(a)	(a)	(a)	.89-1.01- —
1841	N. Zealand	667	(a)	(a)	(a)	2.43-2.43-2.43
1850	England	564	(a)	(a)	(a)	.89-1.01- —
1853	France	113	(a)	M.	(a)	.36- .58- —
1859	England	177	(a)	M.	59-59-59	1.11-1.11-1.11
1860	England	564	(a)	(a)	(a)	.89-1.01- —
1860	Germany	185	(a)	M.	(a)	.42- .42- .42
1861	England	564	(a)	(a)	(a)	.73- .73- .73
1864	Germany	185	(a)	M.	(a)	.42- .42- .42
1865	Germany	185	(a)	M.	(a)	.54- .54- .54
1866	Germany	185	(a)	M.	(a)	.54- .54- .54
1867	Germany	185	(a)	M.	(a)	.60- .60- .60
(k)	England	567	(a)	M.	55-63 —	.73-1.22- —
1868	Germany	185	(a)	M.	(a)	.60- .60- .60
1868	Germany	610	(a)	M.	72-72-72	.29- .40- —
1869	England	177	(a)	M.	59-59-59	1.11-1.11-1.11
1869	Turk. in A.	609	(a)	(a)	(a)	.37- .47- —
1870	Germany	610	(a)	M.	60-60-60	l.34- .34- .34
1870	Norway	610	(a)	M.	(a)	.54- .65- —
1871	England	568	(a)	M.	60-60-60	.49- .97- —
1871	England	629	(a)	(a)	(a)	.81- .81- .81
1871	Italy	610	(a)	M.	(a)	.34- .48- —
1871	Norway	185	(a)	(a)	(a)	.54- .65- —
1872	England	185	(a)	M.	60-60-60	.48- .97- —
1872	Germany	177	(a)	M.	72-72-72	.71- .83- —
1873	England	177	(a)	M.	54-54-54	1.40-1.40-1.40
1873	Germany	177	(a)	M.	n72-72-72	.61- .95- —
1873	Germany	177	(a)	F.	(a)	.43- .43- .43
1874	England	569	(a)	M.	(a)	o1.52-1.52-1.52
1874	Germany	177	(a)	M.	j72-72-72	.61- .95- —

a Not reported.
b Per hour.
c Not including hours of 1 person not reported.
d Applies to but 20 of the 115 wage quotations.
e Applies to but 9 of the 58 wage quotations.
f Not including hours of 3 persons not reported.
g Not including hours of 16 persons not reported.
h Not including hours of 13 persons not reported.
i Applies to but 16 of the 46 wage quotations.
j Applies to but 1 of the 2 wage quotations.
k Average for 1867–68.
l And board and lodging.
n Applies to but 2 of the 3 wage quotations.
o Per 1,000.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Germany	177	(a) F.	(a)	0.43-0.43-0.43
1875 France	496	(a) M.	(a)	.34- .96- —
1875 Germany	177	(a) M.	b72-72-72	.61- .97- —
1875 Germany	177	(a) F.	(a)	.38- .38- .38
1876 France	497	(a) M.	(a)	.41- .96- —
1876 Germany	177	(a) M.	(a)	.52- .52- .52
1876 Germany	177	(a) F.	(a)	.35- .35- .35
1877 Germany	177	(a) M.	(a)	.48- .48- .48
1877 Germany	177	(a) F.	(a)	.31- .31- .31
1878 England	177	(a) M.	54-54-54	1.32-1.32-1.32
1878 France	177	(a) M.	c60-60-60	.53-1.50- —
1878 France	498	(a) M.	(a)	.47- .96- —
1878 Germany	177	(a) M.	(a)	.42- .42- .42
1878 Germany	177	(a) F.	(a)	.31- .31- .31
1878 Wales	177	(a) M.	(a)	.42-1.25- —
1879 Mo	293	1 M.	65-65-65	1.67-1.67-1.67
1879 France	499	(a) M.	(a)	.47- .96- —
1880 Pa	385	2 M.	d60-60-60	1.95-1.98-1.97
1880 France	500	(a) M.	(a)	.71-1.74- —
1881 Australia	431	(a) (a)	(a)	.91-1.01- —
1881 France	501	(a) M.	(a)	.50-1.74- —
1882 Ill	206	17 M.	60-60-60	1.70-1.70-1.70
1882 Mo	294	1 M.	66-66-66	1.75-1.75-1.75
1882 France	502	(a) M.	(a)	.50-1.74- —
1882 Germany	615	(a) M.	(a)	.54- .60- —
1883 Ind	222	2992 M.	(a)	1.00-2.25-1.54
1883 Ohio	365	4 M.	48-60-57	1.50-2.50-2.00
1883 France	503	(a) M.	(a)	.50-1.74- —
1883 Gr't Brit	273	(a) M.	(a)	.81-1.22- —
1883 Gr't Brit	273	(a) F.	(a)	.49- .49- .49
1883 Scotland	572	(a) M.	57-57-57	.85-1.05- —
1884 Cal	192	6 M.	60-60-60	2.00-2.00-2.00
1884 Cal	192	10 M.	60-60-60	e1.53-1.53-1.53
1884 Ill	2	2378 M.	42-60-53	1.80-2.73-2.35
1884 Pa	388	1 M.	(a)	2.00-2.00-2.00
1884 Aust-Hun	178	(a) M.	60-72 —	.32- .80- —
1884 Aust-Hun	178	(a) F.	72-72-72	.29- .38- —
1884 Belgium	178	(a) M.	f60-72 —	.50-1.13- —
1884 Brazil	178	(a) M.	g60-60-60	.32-1.72- —
1884 Canada	178	(a) M.	h60-60-60	1.00-3.33- —
1884 Canada	178	(a) M.	60-60-60	i1.25-1.25-1.25
1884 Canada	466	(a) M.	60-60-60	.50-1.56- —
1884 C.of G'd H.	178	(a) (a)	60-60-60	.83-1.50- —
1884 Ceylon	178	(a) (a)	53-53-53	.14- .25- —
1884 China	178	(a) M.	60-60-60	.23- .31- —
1884 Colombia	178	(a) (a)	60-72 —	.32-1.61- —
1884 Cuba	178	(a) (a)	g59-59-59	1.07-2.33- —
1884 Denmark	178	(a) M.	60-60-60	1.56-4.02- —
1884 Ecuador	178	(a) M.	60-60-60	1.00-1.50- —
1884 England	178	(a) M.	j50-54 —	.73-2.43- —
1884 England	178	(a) M.	(a)	i.42-2.88- —
1884 France	178	(a) M.	k60-66 —	.39-1.00- —
1884 France	178	(a) F.	(a)	.24- .48- —
1884 France	504	(a) M.	(a)	.50-1.74- —
1884 Germany	178	(a) M.	l60-84 —	.20-1.35- —
1884 Germany	178	(a) M.	(a)	m.65- .93- —
1884 Ireland	178	(a) M.	n56-60 —	.61-1.62- —
1884 Italy	178	(a) M.	o60-72 —	.29-1.07- —
1884 Mexico	178	(a) (a)	p60-60-60	.43-2.50- —
1884 Morocco	178	(a) (a)	60-72 —	.10- .50- —
1884 Netherl'ds	178	(a) M.	60-63 —	0.42-0.75- —
1884 Persia	178	(a) (a)	(a)	.48- .81- —
1884 Peru	178	(a) M.	(a)	1.64-2.46- —
1884 Philip. Is.	178	(a) M.	(a)	.38- .63- —
1884 Russia	178	(a) M.	55-75 —	.15- .86- —
1884 Russia	178	(a) M.	72-72-72	q.48- .96- —
1884 Russia	178	(a) M.	72-72-72	i1.68-2.16- —
1884 Scotland	178	(a) M.	r51-60 —	.65-1 05- —
1884 Spain	178	(a) M.	60-72 —	.29- .83- —
1884 Switzerl'd	178	(a) M.	s66-66-66	.58- .87- —
1884 Turk. in A.	178	(a) (a)	60-66 —	.18- .82- —
1884 Venezuela	178	(a) (a)	t60-60-60	.77-2.50- —
1885 Ill	2	413 M.	42-42-42	2.73-2.73-2.73
1885 Kans	239	1 M.	60-60-60	2.50-2.50-2.50
1885 N. Y	331	55 M.	64-64-64	1.88-1.88-1.88
1885 Ohio	1	2 M.	60-60-60	3.00-3.00-3.00
1885 Australia	431	(a) (a)	(a)	i5.47⅛-6.08⅛—
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 France	113	(a) M.	(a)	.60- .87- —
1886 Cal	193	363 M.	u60-60-60	1.00-4.00-2.26
1886 Cal	193	75 M.	60-72-65	e1.50-3.00-2.13
1886 Ill	208	2 M.	60-60-60	1.35-1.35-1.35
1886 Pa	2	27 M.	59-59-59	2.50-2.50-2.50
1886 Argentina	57	(a) M.	g60-60-60	.80-2.83- —
1886 Belgium	456	(a) (a)	(a)	.53- .87- —
1886 Canada	468	(a) M.	52-60 —	1.37-1.50- —
1886 France	495	(a) M.	(a)	.60- .87- —
1886 Netherl'ds	456	(a) M.	60-60-60	.47- .60- —
1887 Kans	241	1 M.	(a)	2.00-2.00-2.00
1887 N. C	342	1 M.	60-60-60	1.00-1.00-1.00
1887 Ohio	369	499 M.	60-60-60	.60-2.75-1.84
1887 Pa	390	4 M.	54-60-57	1.65-1.80-1.74
1887 Wis	409	8 M.	(a)	.89- .89- .89
1887 Australia	420	(a) (a)	(a)	v.21⅛-.24⅛- —
1887 Canada	469	(a) M.	60-60-60	1.34-1.39- —
1887 C.of G'd H.	483	(a) (a)	(a)	.61-1.70- —
1887 France	495	(a) M.	(a)	.60- .87- —
1887 Netherl'ds	598	(a) (a)	60-60-60	.47- .61- —
1888 Kans	242	2 M.	(a)	2.00-2.00-2.00
1888 Mich	280	1 M.	60-60-60	1.25-1.25-1.25
1888 N. J	326	1 (a)	54-54-54	2.80-2.80-2.80
1888 N. Y	331	333 M.	w53-60-58	1.25-2.25-1.87
1888 N. C	343	1 M.	60-60-60	1.00-1.00-1.00
1888 Australia	83	(a) (a)	(a)	i3.00-3.25- —
1888 Australia	421	(a) M.	(a)	v.21⅛-.24⅛- —
1888 C.of G'd H.	483	(a) (a)	(a)	.61-2.19- —
1888 Germany	615	(a) M.	(a)	.55- .79- —
1889 N. C	344	1 M.	66-66-66	1.50-1.50-1.50
1889 Canada	471	(a) M.	58-60 —	1.47-1.70- —
1889 C.of G'd H.	483	(a) (a)	(a)	.61-1.83- —
1889 China	88	(a) (a)	(a)	.15- .15- .15
1889 Germany	85	(a) (a)	(a)	.48- .48- .48
1889 Germany	615	(a) M.	(a)	.60- .95- —
1889 Italy	95	(a) M.	60-60-60	.90- .90- .90
1889 Norway	518	(a) (a)	(a)	.56- .56- .56
1889 Portugal	691	(a) (a)	(a)	.32- .65- —
1890 Nebr	313	1 M.	(a)	2.00-2.00-2.00
1890 N. Y	333	61 M.	(a)	1.50-2.50-1.67
1890 Aust-Hun	109	(a) M.	(a)	.32- .32- .32
1890 Aust-Hun	109	(a) F.	(a)	.20- .20- .20

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 4 of the 8 wage quotations.
d Not including hours of 1 person not reported.
e And board.
f Applies to but 6 of the 8 wage quotations.
g Applies to but 2 of the 4 wage quotations.
h Applies to but 24 of the 28 wage quotations.
i Per 1,000.
j Applies to but 10 of the 24 wage quotations.
k Applies to but 7 of the 9 wage quotations.
l Applies to but 39 of the 44 wage quotations.
m And lodging.
n Applies to but 4 of the 6 wage quotations.
o Applies to but 16 of the 20 wage quotations.
p Applies to but 6 of the 10 wage quotations.
q And board and lodging.
r Applies to but 3 of the 5 wage quotations.
s Applies to but 4 of the 7 wage quotations.
t Applies to but 2 of the 6 wage quotations.
u Not including hours of 96 persons not reported.
v Per hour.
w Not including hours of 120 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRICKMAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 C.of G'd H.	484	(a)	M.	(a)	0.61-1.83- —
1890 Russia	632	(a)	(a)	69-69-69	.39- .39- .39
1890 Spain	632	(a)	(a)	(a)	1.06-1.06-1.06
1891 Me.....	257	4	M.	60-66-62	1.50-1.50-1.50
1891 N. Y.....	333	70	M.	(a)	1.50-2.40-1.76
1891 Ohio	372	304	M.	48-72-60	.75-2.00-1.46
1891 Australia .	134	(a)	M.	(a)	1.75-1.75-1.75
1891 Aust-Hun .	134	(a)	(a)	(a)	.32- .32- .32
1891 Belgium ..	457	(a)	M.	(a)	.63- .63- .63
1891 C.of G'd H.	485	(a)	(a)	(a)	.61-2.43- —
1891 China.....	105	(a)	(a)	(a)	.21- .21- .21
1891 England ..	576	(a)	M.	b 54-54-54	.69- .82- —
1891 England ..	578	(a)	M.	54-54-54	1.01-1.22- —
1891 France....	522	(a)	M.	(a)	.60- .87- —
1892 Ohio	373	1	(a)	55-55-55	2.00-2.00-2.00
1892 Algeria ...	505	(a)	M.	60-60-60	.77- .97- —
1892 Australia .	424	(a)	M.	(a)	1.42-1.42-1.42
1892 C.of G'd H.	486	(a)	M.	(a)	.85-1.83- —
1892 England ..	577	(a)	M.	56-56-56	.69- .69- .69
1892 England ..	578	(a)	M.	54-54-54	1.01-1.62- —
1892 England ..	632	(a)	M.	54-54-54	.65-1.42- —
1892 England ..	632	(a)	M.	(a)	c .08- .10- —
1892 England ..	632	(a)	M.	57-57-57	d 1.46-1.70- —
1892 France....	505	(a)	M.	60-78 —	.48-1.01- —
1892 France....	505	(a)	M.	66-66-66	e .68- .72- —
1892 Germany..	667	(a)	(a)	(a)	.81- .81- .81
1892 Spain	115	(a)	M.	(a)	.80-1.00- —
1893 Md.....	10	3	M.	60-60-60	1.17-2.17-1.61
1893 Mont.....	307	3	M.	f 54-54-54	g 1.15-1.53-1.39
1893 Ohio	374	224	M.	54-66-60	1.25-2.10-1.58
1893 Pa	10	1	M.	60-60-60	1.75-1.75-1.75
1893 France....	507	(a)	(a)	60-96 —	.58-1.54- —
1894 Ind	228	1	M.	48-48-48	3.00-3.00-3.00
1894 Iowa	236	2	M.	54-60-57	1.67-2.17-1.92
1894 Ohio	375	48	M.	59-59-59	1.41-1.41-1.41
1894 Australia .	425	(a)	(a)	(a)	1.62-2.23- —
1894 C.of G'd H.	487	(a)	M.	(a)	0.37-2.92- —
1894 England ..	590	(a)	M.	(a)	.85- .97- —
1894 France....	129	(a)	M.	60-60-60	1.13-1.13-1.13
1894 Japan	647	(a)	(a)	(a)	.13- .37- —
1894 Spain	632	(a)	(a)	(a)	1.06-1.06-1.06
1895 Ohio	376	93	M.	54-60-56	1.45-2.00-1.60
1895 Wis	413	1	(a)	60-60-60	2.00-2.00-2.00
1895 Australia .	426	(a)	(a)	(a)	1.62-2.23- —
1895 Canada ...	187	(a)	M.	60-60-60	1.25-2.50- —
1895 C.of G'd H.	488	(a)	M.	(a)	.61-1.83- —
1895 Greece	137	(a)	(a)	(a)	.33- .55- —
1895 Japan	648	(a)	M.	(a)	.16- .45- —
1895 Spain	133	(a)	M.	(a)	.80-1.00- —
1896 Pa	8	2	M.	54-54-54	1.50-1.50-1.50
1896 Algeria ..	505	(a)	M.	(a)	.48- .97- —
1896 Algeria ...	505	(a)	M.	(a)	c .05- .09½- —
1896 Australia .	427	(a)	(a)	(a)	1.62-2.23- —
1896 Belgium ..	184	(a)	(a)	(a)	.71- .71- .71
1896 C.of G'd H.	489	(a)	M.	(a)	.73-1.95- —
1896 France....	505	(a)	M.	(a)	.30-1.54- —
1896 France....	505	(a)	M.	(a)	c .02½-.11½- —
1896 France....	505	(a)	M.	(a)	h .22- .48- —
1896 Japan	649	(a)	M.	(a)	.18- .40- —
1897 Australia .	418	(a)	(a)	(a)	1.70-1.95- —
1897 Australia .	428	(a)	(a)	(a)	1.46-2.23- —
1897 Belgium ..	453	(a)	M.	(a)	.44- .50- —
1897 C.of G'd H.	490	(a)	(a)	(a)	.73-2.68- —
1897 England ..	587	(a)	M.	(a)	.97-1.01- —
1897 France....	511	(a)	M.	66-72 —	g .52- .52- .52
1897 Japan	650	(a)	M.	(a)	.25- .35- —
1898 Mich.....	290	34	M.	(a)	1.32-2.28-1.42
1898 Australia .	419	(a)	(a)	(a)	1.58-1.95- —
1898 Australia .	429	(a)	(a)	(a)	1.46-2.23- —
1898 Belgium ..	454	(a)	M.	48-48-48	.34- .34- .34
1898 Belgium ..	454	(a)	(a)	48-48-48	.29- .29- .29
1898 C.of G'd H.	491	(a)	(a)	(a)	.85-2.43- —

BRICKMAKERS' HELPERS.

1884 Persia.....	178	(a)	(a)	(a)	.24- .32- —
1885 Ohio	1	1	M.	60-60-60	1.25-1.25-1.25
1896 Pa	8	8	M.	54-54-54	.75- .75- .75

BRIDGE BUILDERS.

1875 Pa	380	225	M.	(a)	1.90-2.66-1.99
1876 Pa	381	287	M.	i 48-60-56	1.40-2.90-1.86
1877 Pa	382	107	M.	48-60-58	2.00-3.00-2.30
1878 Pa	383	66	M.	60-60-60	1.50-2.88-1.92
1879 Pa	384	321	(a)	j 60-60-60	1.00-3.83-1.96
1884 Ill.....	207	1	M.	(a)	3.45-3.45-3.45
1884 Iowa	231	1	M.	60-60-60	2.50-2.50-2.50
1884 Canada ...	466	(a)	M.	60-60-60	1.27-1.27-1.27
1884 Italy	178	(a)	M.	(a)	.55- .80- —
1888 Canada ...	470	(a)	M.	59-59-59	1.36-1.36-1.36
1889 N. C.....	344	1	M.	60-60-60	2.50-2.50-2.50
1890 Nebr	313	1	M.	(a)	3.00-3.00-3.00
1893 Mich.....	285	1	M.	60-60-60	2.50-2.50-2.50
1894 Ohio	375	260	M.	60-60-60	1.32-1.85-1.40
1898 Kans.....	252	100	M.	(a)	2.71-2.71-2.71

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Per hour.
d Per 1,000.
e And *gratifications*.
f Not including hours of 1 person not reported.
g And board and lodging.
h And board.
i Not including hours of 130 persons not reported.
j Not including hours of 146 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRIDGE TENDERS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	14 M.	(a)	1.91-1.91-1.91
1877 Pa	382	15 M.	(a)	1.96-1.96-1.96
1878 Pa	383	18 M.	72-72-72	1.90-1.90-1.90
1880 Ill	205	5 M.	(a)	1.49-1.49-1.49
1884 Canada	178	(a) (a)	(a)	1.75-1.80- —
1885 Mich	279	12 M.	(a)	1.15-2.01-1.40
1886 Iowa	232	115 M.	60-60-60	1.93-2.25-2.22
1887 Conn	4	17 M.	(a)	1.15-2.30-1.74
1887 Fla	4	2 M.	(a)	1.00-1.73-1.37
1887 Md	4	41 M.	(a)	1.34-2.50-1.90
1887 Mass	4	33 M.	(a)	1.50-2.50-1.84
1887 Mich	4	4 M.	(a)	1.38-1.38-1.38
1887 N. J	4	17 M.	(a)	.96-1.73-1.49
1887 N. Y	4	93 M.	(a)	0.38-2.50-1.75
1887 N. C	342	4 M.	(a)	1.00-1.00-1.00
1887 Pa	4	8 M.	(a)	1.20-1.73-1.30
1887 Wis	4	11 M.	(a)	1.34-1.92-1.71
1888 Iowa	233	52 M.	(a)	1.37-2.25-1.60
1889 Iowa	233	20 M.	b 60-60-60	1.15-2.64-1.56
1890 Netherl'ds	666	(a) M.	84-116 —	.48- .80- —
1890 Netherl'ds	666	(a) M.	(c)	d .56- .56- .56
1893 Ill	10	1 M.	63-63-63	2.08-2.08-2.08
1893 Mich	285	7 M.	e 72-108-78	1.25-1.92-1.49
1897 Kans	251	1 (a)	49-49-49	1.05-1.05-1.05
1897 Md	265	30 (a)	f 84-84-84	.77-1.64-1.47
1898 Wash	405	166 (a)	(a)	2.00-2.38-2.34

BRINERS, CANNED GOODS.

1875	Cal	8	2	M.	60-60-60	2.00-2.00-2.00	1895	Md	8	5	M.	90-90-90	1.00-1.00-1.00
1894	N. Y	8	6	M.	60-60-60	.50-1.50- .79	1896	Cal	8	2	M.	60-60-60	1.50-1.50-1.50

BRISTLE WORKERS.

1885	Md	7	8	M.	60-60-60	1.58-2.50-2.04	1895	Ohio	376	4	F.	60-60-60	1.00-1.00-1.00
1886	Mich	7	1	M.	48-48-48	3.70-3.70-3.70	1896	Md	7	13	M.	60-60-60	1.50-2.50-1.97
1888	N. Y	331	4	M.	(a)	2.25-4.00-2.69	1896	Md	7	5	F.	60-60-60	.50-1.00- .78
1894	Ohio	375	40	M.	54-54-54	1.80-1.80-1.80	1896	Mich	7	1	M.	59-59-59	4.18-4.18-4.18
1895	Ohio	376	20	M.	60-60-60	1.75-1.75-1.75							

BROACHERS, COTTON GOODS.

1882	Italy	33	(a)	M.	(a)	.42- .42- .42	1882	Italy	33	(a)	(a)	(a)	.14- .14- .14
1882	Italy	33	(a)	F.	(a)	.14- .14- .14							

BROMINE MAKERS.

1885	Ohio	1	2	M.	72-72-72	2.00-2.00-2.00	1895	Ohio	376	1	M.	54-54-54	2.00-2.00-2.00
1893	Ohio	374	1	M.	60-60-60	2.00-2.00-2.00							

BRONZE BELT MAKERS.

1860	Germany	185	(a)	M.	(a)	.18- .18- .18	1866	Germany	185	(a)	M.	(a)	.48- .48- .48
1864	Germany	185	(a)	M.	(a)	.24- .24- .24	1867	Germany	185	(a)	M.	(a)	.48- .48- .48
1865	Germany	185	(a)	M.	(a)	.48- .48- .48	1868	Germany	185	(a)	M.	(a)	.72- .72- .72

BRONZE MAKERS.

1870	Germany	610	(a)	M.	72-72-72	.91- .91- .91	1892	Russia	692	(a)	(a)	(a)	.30-1.50- —
1871	Germany	185	(a)	M.	(a)	g .14- .30- —							

a Not reported.
b Not including hours of 10 persons not reported.
c 112-112-112 hours.
d And lodging.
e Not including hours of 1 person not reported.
f Not including hours of 24 persons not reported.
g And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRONZE MOLDERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Mass	190	4 M.	60-60-60	2.50-4.75-3.44	1884 N. J	323	5 M.	60-60-60	2.33-2.33-2.33
1871 Mass	190	8 M.	60-60-60	1.75-4.75-2.97	1885 Mass	190	3 M.	60-60-60	2.00-4.00-3.33
1872 Mass	190	9 M.	60-60-60	2.00-4.75-3.41	1886 Mass	190	4 M.	60-60-60	2.50-4.00-3.25
1873 Mass	190	10 M.	60-60-60	2.00-5.00-3.34	1887 Mass	190	7 M.	60-60-60	3.00-5.00-4.00
1874 Mass	190	8 M.	60-60-60	2.00-5.00-3.15	1888 Mass	190	5 M.	60-60-60	2.00-5.00-3.59
1875 Mass	190	12 M.	60-60-60	2.00-4.00-2.88	1888 Germany	558	(a) (a)	57-57-57	.71-1.11- —
1876 Mass	190	11 M.	60-60-60	2.00-5.00-3.48	1889 Mass	190	3 M.	60-60-60	3.00-4.33-3.78
1877 Mass	190	11 M.	60-60-60	2.00-5.00-3.16	1890 Mass	190	8 M.	60-60-60	2.00-4.33-3.48
1878 Mass	190	8 M.	60-60-60	2.00-5.00-3.19	1891 Mass	190	9 M.	60-60-60	2.00-4.33-3.06
1879 Mass	190	6 M.	60-60-60	2.00-5.00-3.23	1891 France	505	(a) M.	b 60-60-60	.77-2.07- —
1880 Mass	190	5 M.	60-60-60	2.00-5.00-3.55	1892 Mass	20	3 M.	60-60-60	3.67-4.00-3.89
1881 Mass	190	5 M.	60-60-60	2.75-5.00-3.57	1892 Mass	190	5 M.	60-60-60	4.00-4.00-4.00
1882 Mass	190	7 M.	60-60-60	2.00-4.50-3.71	1893 Mass	20	5 M.	60-60-60	4.00-4.00-4.00
1883 Mass	190	5 M.	60-60-60	2.00-4.75-3.75	1894 Mass	20	3 M.	60-60-60	4.00-4.00-4.00
1884 Mass	190	4 M.	60-60-60	2.00-4.00-2.50					

BRONZE MOLDERS' HELPERS.

1870 Mass	190	2 M.	60-60-60	1.50-1.50-1.50	1882 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1871 Mass	190	3 M.	60-60-60	1.50-1.50-1.50	1883 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1872 Mass	190	5 M.	60-60-60	1.50-1.75-1.60	1884 Mass	190	3 M.	60-60-60	1.50-1.50-1.50
1873 Mass	190	4 M.	60-60-60	1.50-1.75-1.56	1887 Mass	190	2 M.	60-60-60	1.50-1.50-1.50
1874 Mass	190	5 M.	60-60-60	1.50-1.75-1.60	1888 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1875 Mass	190	2 M.	60-60-60	1.50-1.50-1.50	1889 Mass	190	3 M.	60-60-60	1.50-1.75-1.67
1876 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1890 Mass	190	2 M.	60-60-60	1.60-1.70-1.65
1877 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1891 Mass	190	3 M.	60-60-60	1.50-1.75-1.62
1878 Mass	190	3 M.	60-60-60	1.50-1.90-1.77	1892 Mass	190	2 M.	60-60-60	1.50-1.50-1.50
1879 Mass	190	2 M.	60-60-60	1.50-1.50-1.50	1893 Mass	20	1 M.	60-60-60	1.50-1.50-1.50
1880 Mass	190	2 M.	60-60-60	1.50-1.75-1.63	1894 Mass	20	1 M.	60-60-60	1.50-1.50-1.50
1881 Mass	190	2 M.	60-60-60	1.50-1.75-1.63	1895 Mass	20	1 M.	60-60-60	1.50-1.50-1.50

BRONZERS, METALLIC GOODS.

1874 England	569	(a) F.	50-50-50	.49- .49- .49	1887 Germany	557	(a) F.	57-57-57	.40- .60- —
1885 Pa	3	1 F.	(a)	.50- .50- .50	1887 Germany	557	(a) (a)	60-60-60	1.19-1.19-1.19
1886 Conn	2	6 M.	60-60-60	1.00-1.00-1.00	1891 France	505	(a) M.	59-60 —	1.01-1.74- —
1886 Conn	2	5 F.	60-60-60	1.00-1.00-1.00	1892 Cal	196	1 M.	60-60-60	2.75-2.75-2.75
1886 Pa	3	3 F.	56-56-56	.58- .92- .72	1894 France	129	(a) M.	60-60-60	1.01-1.74- —
1887 Conn	202	30 M.	(a)	.86-1.66-1.31	1895 Belgium	458	(a) (a)	60-60-60	1.16-1.16-1.16
1887 Conn	202	34 F.	(a)	.87- .87- .87					

BRONZERS, PRINTING.

1860 N. Y	8	1 F.	60-60-60	.75- .75- .75	1887 Pa	3	1 F.	59-59-59	.50- .50- .50
1877 N. Y	8	1 M.	48-48-48	1.00-1.00-1.00	1888 N. Y	331	5 M.	(a)	1.00-1.00-1.00
1880 N. Y	8	6 F.	60-60-60	1.00-1.00-1.00	1888 Va	3	1 F.	54-54-54	.50- .50- .50
1883 Mass	273	2 M.	(a)	1.67-2.00-1.83	1890 N. Y	333	5 M.	(a)	1.50-1.50-1.50
1883 Mass	273	16 (a)	(a)	.58- .67- .65	1891 N. Y	333	1 M.	(a)	1.50-1.50-1.50
1886 Pa	3	2 F.	59-59-59	.58- .67- .63	1896 N. Y	8	2 M.	54-60-57	.85-1.80-1.33
1887 Ohio	3	1 F.	59-59-59	.33- .33- .33	1897 N. Y	8	1 M.	54-54-54	1.33-1.33-1.33

BRONZE WORKERS.

1870 Germany	610	(a) M.	72-72-72	1.10-1.10-1.10	1891 Belgium	632	(a) (a)	(a)	c .07½-.13½- —
1880 Japan	21	(a) (a)	(a)	.30-1 50- —	1895 Aust-Hun	435	(a) (a)	60-60-60	.57-1.02- —
1886 Aust-Hun	184	(a) (a)	(a)	.52- 65- —	1896 Aust-Hun	184	(a) (a)	(a)	.54- .68- —

a Not reported. b Applies to but 1 of the 3 wage quotations. c Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BROOM MAKERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Mass	268	12 M.	60-60-60	2.00-2.00-2.00	1889 Canada	471	(a) F.	57-57-57	0.35-0.35-0.35
1872 Mass	268	2 F.	60-60-60	.75- .75- .75	1890 N. Y.	333	130 M.	(a)	.75-2.50-1.65
1878 Ohio	360	1 M.	72-72-72	1.17-1.17-1.17	1891 N. Y.	333	128 M.	(a)	.75-2.50-1.62
1881 Ohio	363	14 M.	60-60-60	1.50-2.25-1.92	1891 N. Y.	333	4 F.	(a)	.40- .67- .56
1882 Mo	294	4 M.	60-60-60	1.50-2.00-1.88	1891 Ohio	372	156 M.	48-60-59	1.00-3.00-1.25
1882 Ohio	364	30 (a)	62-62-62	1.93-1.93-1.93	1892 Australia	424	(a) (a)	(a)	1.62-1.62-1.62
1883 Mich	277	16 M.	(a)	.85-2.50-1.89	1892 France	505	(a) M.	60-60-60	.48- .48- .48
1883 Mich	277	20 (a)	(a)	.50-1.75-1.45	1893 Ill	10	1 M.	60-60-60	1.75-1.75-1.75
1884 Cal	192	1 M.	60-60-60	2.50-2.50-2.50	1893 Md	10	3 M.	54-60-58	.83-4.17-2.22
1884 Iowa	231	1 M.	60-60-60	1.23-1.23-1.23	1893 Md	10	1 F.	72-72-72	.67- .67- .67
1884 Mich	278	25 M.	(a)	1.25-2.25-2.03	1893 Ohio	374	82 M.	d48-60-58	.90-2.50-1.80
1884 Pa	7	5 M.	(a)	1.50-1.58-1.53	1894 Ga	8	12 M.	60-60-60	1.00-1.50-1.04
1884 France	178	(a) M.	(a)	.48- .77- —	1894 Iowa	236	15 M.	e54-63-58	.50-2.25-1.51
1884 France	178	(a) F.	(a)	.24- .39- —	1894 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1884 Italy	178	(a) M.	(a)	.19- .19- .19	1894 Ohio	375	62 M.	48-60-55	1.10-2.25-1.55
1884 Italy	178	(a) F.	(a)	.15- .15- .15	1894 Ohio	375	1 F.	60-60-60	.40- .40- .40
1885 Kans	239	3 M.	60-60-60	2.00-2.00-2.00	1894 Australia	425	(a) (a)	(a)	1.22-1.82- —
1885 N. J	324	3 M.	60-60-60	1.42-2.17-1.80	1895 N. Y.	8	14 M.	60-60-60	1.13-1.50-1.15
1885 N. Y.	1	98 M.	60-60-60	1.60-1.79-1.70	1895 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1885 N. Y.	2	214 M.	59-59-59	1.34-1.48-1.41	1895 Ohio	376	32 M.	48-60-57	1.40-2.40-2.06
1886 Cal	193	5 M.	(a)	2.50-2.50-2.50	1895 Australia	426	(a) (a)	(a)	1.22-1.82- —
1886 Cal	193	12 M.	60-60-60	b1.50-2.50-1.67	1895 Canada	187	(a) (a)	60-60-60	1.17-2.00- —
1886 Ill	2	171 M.	60-60-60	2.10-2.35-2.24	1896 Kans	250	1 M.	60-60-60	1.34-1.34-1.34
1886 Ill	208	10 M.	60-60-60	1.25-2.25-1.85	1896 Mo	305	30 M.	48-60-57	1.25-2.00-1.45
1886 N.Y.	2	64 M.	59-59-59	1.35-1.48-1.41	1896 Nebr	314	30 (a)	42-60-59	.50-1.40-1.05
1886 Argentina	57	(a) M.	(a)	.40-1.60- —	1896 Ohio	377	78 M.	52-60-58	1.50-2.08-1.80
1887 Ohio	369	167 M.	48-60-59	1.25-2.05-1.73	1896 Pa	7	7 M.	(a)	1.50-1.67-1.56
1887 Ohio	369	10 F.	60-60-60	1.00-1.00-1.00	1896 Tenn	15	1 M.	(a)	.83- .83- .83
1887 Wis	409	17 M.	(a)	1.25-2.00-1.68	1896 Australia	427	(a) (a)	(a)	1.01-1.42- —
1887 Canada	469	(a) M.	56-56-56	1.43-1.64- —	1896 France	510	(a) (a)	72-72-72	.87- .87- .87
1888 Colo	198	1 M.	60-60-60	2.00-2.00-2.00	1897 Nebr	314	4 M.	60-60-60	1.00-2.00-1.90
1888 Kans	242	1 M.	(a)	2.00-2.00-2.00	1897 Australia	428	(a) (a)	(a)	1.22-1.82- —
1888 N. Y.	331	25 M.	c60-60-60	.67-1.67-1.39	1898 Mich	290	17 (a)	(a)	1.90-1.90-1.90
1888 Canada	470	(a) M.	56-56-56	1.59-1.59-1.59	1898 Nebr	314	7 (a)	60-60-60	1.50-2.25-2.00
1889 Canada	471	(a) M.	54-58 —	1.22-1.42- —	1898 Australia	429	(a) (a)	(a)	1.22-1.82- —

BROOM SEWERS.

1875 N. Y.	8	3 M.	60-60-60	1.13-1.13-1.13	1893 Ohio	374	19 M.	54-60-59	1.75-2.50-2.03
1881 Ohio	363	12 M.	60-60-60	1.25-1.75-1.48	1894 Ga	8	3 M.	60-60-60	1.00-1.00-1.00
1881 Ohio	363	1 (a)	60-60-60	.60- .60- .60	1894 N. C	8	1 M.	60-60-60	.65- .65- .65
1882 Ohio	364	12 (a)	62-62-62	1.59-1.59-1.59	1894 Ohio	375	23 M.	f48-60-58	1.25-2.40-1.74
1885 N. J	324	3 M.	60-60-60	1.33-2.17-1.83	1894 Australia	425	(a) (a)	(a)	1.01-1.62- —
1885 N. Y.	1	50 M.	60-60-60	1.33-1.67-1.54	1895 N. Y.	8	1 M.	60-60-60	.75- .75- .75
1886 Mo	3	1 F.	59-59-59	.92- .92- .92	1895 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1887 Wis	409	6 (a)	(a)	1.04-1.04-1.04	1895 Ohio	376	27 M.	g48-60-59	1.12-2.30-1.85
1888 N. Y.	331	7 M.	(a)	1.50-1.83-1.73	1895 Australia	426	(a) (a)	(a)	1.01-1.62- —
1890 N. Y.	333	38 M.	(a)	.60-2.75-1.84	1896 Ohio	377	29 M.	59-60-59	1.70-1.78-1.73
1891 N. Y.	333	37 M.	(a)	.60-2.75-1.67	1896 Australia	427	(a) (a)	(a)	.81-1.22- —
1892 Australia	424	(a) (a)	(a)	1.22-1.62- —	1897 Australia	428	(a) (a)	(a)	1.42-1.62- —
1892 France	505	(a) F.	72-72-72	.29- .29- .29	1898 Australia	429	(a) (a)	(a)	1.43-1.62- —

BROWNERS, FIREARMS.

1866 England	566	(a) M.	60-60-60	.81-2.43- —	1896 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1866 England	566	(a) F.	60-60-60	.32- .49- —	1896 Conn	8	2 F.	60-60-60	2.50-2.50-2.50
1880 England	571	(a) F.	54-54-54	.61- .61- .61	1896 N. Y.	8	5 M.	60-60-60	1.75-3.50-2.10
1888 N. Y.	331	1 M.	(a)	1.50-1.50-1.50	1897 N. Y.	8	2 M.	60-60-60	2.75-3.50-3.13

a Not reported.
b And board.
c Not including hours of 23 persons not reported.
d Not including hours of 7 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 12 persons not reported.
g Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BROWNERS' HELPERS, FIREARMS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 N. Y.....	8	2 M.	60-60-60	1.00-2.50-1.75	....	....	....	.....	.....

BRUSHERS, BOOTS AND SHOES.

1884	N. J	7	3 M.	(a)	.83-1.67-1.17	1891	N. Y.....	333	2 M.	(a)	1.50-1.50-1.50
1885	N. Y.....	1	13 M.	60-60-60	1.67-2.00-1.77	1892	France....	505	(a) F.	66-66-66	.29- .39- —
1886	Ireland ...	3	(a) F.	56-56-56	1.50-1.50-1.50	1895	Mass	7	2 M.	58-58-58	.81- .83- .82
1890	N. Y.....	333	2 M.	(a)	1.50-1.50-1.50	1895	N. J	7	5 M.	(a)	.83-2.00-1.47

BRUSHERS, CLAY AND POTTERY PRODUCTS.

1884	N. J	7	9 F.	(a)	.92- .92- .92	1892	Ohio	373	45 (a)	b 47-53-53	.75-1.00- .76
1884	Ohio	7	4 F.	54-54-54	.75- .75- .75	1895	N. J	7	12 F.	55-55-55	.67- .67- .67
1884	Pa	7	16 F.	59-59-59	.50- .83- .74	1896	Ohio	7	8 F.	54-54-54	.75- .75- .75
1887	Ohio	3	1 F.	58-58-58	.25- .25- .25	1896	Pa	7	8 F.	59-59-59	3.00-5.00-4.00
1887	Ohio	369	3 F.	60-60-60	.75- .75- .75	1897	Nebr	314	2 M.	(a)	1.00-1.00-1.00
1892	Ohio	373	10 F.	58-59-58	.75- .75- .75						

BRUSHERS, CLOTHING.

1880	Pa	7	3 F.	60-60-60	.67- .67- .67	1891	N. Y.....	333	5 M.	(a)	.83-1.86-1.14
1886	N. Y.....	3	1 F.	59-59-59	1.50-1.50-1.50	1896	N. Y.....	7	4 M.	60-60-60	1.33-1.50-1.42
1886	N. Y.....	7	4 M.	(a)	1.33-1.50-1.42	1896	Pa	7	4 F.	54-54-54	.50- .50- .50
1890	N. Y.....	333	3 M.	(a)	.83-1.71-1.13						

BRUSHERS, COAL MINING.

1889	Ill.....	209	59 M.	(a)	1.86-2.50-2.04	1889	Mo	299	7 (a)	(a)	1.94-2.25-2.08

BRUSHERS, HATS AND CAPS.

1882	Germany .	554	(a) (a)	72-72-72	.61- .61- .61	1888	N. Y.....	331	1 M.	(a)	.50- .50- .50
1883	N. J	322	1 (a)	60-60-60	2.25-2.25-2.25	1890	N. Y.....	333	11 M.	(a)	.33-1.75-1.06
1885	Pa	1	4 M.	60-60-60	1.50-1.50-1.50	1891	N. Y.....	333	15 M.	(a)	.33-1.75-1.11

BRUSHERS, HOSIERY AND KNIT GOODS.

1885	N. Y.....	1	10 M.	66-66-66	1.00-1.15-1.14	1890	N. Y.....	333	46 M.	(a)	.48-2.25- .74
1885	N. Y.....	7	10 M.	c 60-65-61	.63-1.50-1.09	1891	N. Y.....	333	53 M.	(a)	.48-2.25- .75
1886	N. J	325	1 M.	60-60-60	1.50-1.50-1.50	1893	England ..	632	(a) F.	(a)	.20- .20- .20
1886	N. J	325	10 F.	60-60-60	.67- .67- .67	1895	Mass	7	3 F.	58-58-58	.56-1.02- .73
1886	Pa	3	1 F.	60-60-60	.58- .58- .58	1895	N. Y.....	7	9 M.	60-60-60	.71-1.75-1.13
1886	Pa	7	2 F.	(a)	.67- .87- .77	1895	N. Y.....	8	1 M.	60-60-60	1.25-1.25-1.25
1888	N. J	326	10 F.	(a)	.67- .67- .67	1896	Pa	7	4 F.	60-60-60	1.00-1.00-1.00
1888	N. J	326	2 (a)	(a)	.67- .67- .67	1896	Vt	7	2 M.	66-66-66	.75- .83- .79
1888	N. Y.....	331	7 M.	d 60-60-60	.50-2.50-1.14						

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRUSHERS, METALLIC GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Pa	8	1	M.	60-60-60	0.67-0.67-0.67	1895 Pa	8	1	M.	60-60-60	0.83-0.83-0.83
1890 N. Y	333	1	M.	(a)	1.08-1.08-1.08	1897 N. Y	8	2	M.	60-60-60	2.00-2.50-2.25
1891 N. Y	333	3	M.	(a)	.83-1.25-1.06						

BRUSHERS, SIGNS, GLASS.

1890 N. Y	333	2	M.	(a)	1.00-1.75-1.38	1891 N. Y	333	2	M.	(a)	1.00-1.75-1.38

BRUSHERS, TANNERY.

1834 Conn	8	1	M.	72-72-72	1.50-1.50-1.50	1891 N. Y	333	1	M.	(a)	1.00-1.00-1.00
1860 Mass	8	120	M.	60-60-60	1.56-1.56-1.56	1893 France	507	(a)	(a)	66-66-66	1.16-1.35- —
1885 Cal	1	2	M.	60-60-60	2.00-2.00-2.00	1896 Mass	8	3	M.	60-60-60	1.17-2.17-1.61
1890 N. Y	333	1	M.	(a)	1.00-1.00-1.00	1896 N. Y	8	2	M.	60-60-60	1.50-1.50-1.50

BRUSHER TENDERS, TEXTILES.

1866 England	566	(a)	M.	60-60-60	.41- .95- —	1888 N. Y	331	3	M.	(a)	.66- .66- .66
(b) England	567	(a)	M.	60-60-60	.41-1.01- —	1888 N. C	6	1	M.	(a)	.50- .50- .50
1868 Germany	610	(a)	M.	72-78 —	.08- .36- —	1888 R. I	6	4	M.	60-60-60	.90-1.35-1.08
1870 Norway	610	(a)	M.	(a)	.36- .36- .36	1888 S. C	6	1	M.	66-66-66	.40- .40- .40
1871 England	568	(a)	M.	59-59-59	.57- .89- —	1888 Va	6	1	M.	(a)	.83- .83- .83
1871 Norway	185	(a)	(a)	(a)	.35- .35- .35	1889 Conn	6	2	M.	(a)	.85-1.10- .98
1872 S. C	7	1	M.	72-72-72	.80- .80- .80	1889 Md	6	1	M.	(a)	.90- .90- .90
1872 Aust-Hun	185	(a)	(a)	(a)	.24- .32- —	1889 Mass	6	3	F.	60-60-60	1.00-1.00-1.00
1872 England	185	(a)	M.	60-60-60	.57- .89- —	1889 Miss	6	3	M.	(a)	.35- .40- .38
1872 Germany	185	(a)	(a)	66-66-66	.34- .34- .34	1889 N. H	6	3	M.	60-60-60	1.00-1.00-1.00
1872 Russia	612	(a)	M.	69-69-69	.06½-.06½-.06½	1889 N. Y	6	6	M.	c 60-60-60	.65- .88- .69
1874 England	569	(a)	M.	56-60 —	.47-1.09- —	1889 Va	6	3	M.	(a)	.60-1.17- .79
1876 Pa	381	2	F.	(a)	.41- .67- .54	1889 Va	6	3	F.	(a)	.60- .60- .60
1877 England	570	(a)	M.	54-56 —	.49- .97- —	1889 France	6	(a)	M.	(a)	.34- .34- .34
1878 N. H	7	1	M.	60-60-60	.70- .70- .70	1889 Italy	86	(a)	(a)	72-72-72	.12- .12- .12
1878 Pa	383	2	M.	60-60-60	1.33-1.33-1.33	1890 Ala	6	1	M.	(a)	.40- .40- .40
1880 Ga	7	1	M.	(a)	.85- .85- .85	1890 Miss	6	4	M.	(a)	.70- .70- .70
1880 Pa	7	2	M.	60-60-60	.30- .37- .34	1890 Mo	6	2	M.	(a)	1.25-1.25-1.25
1880 England	571	(a)	M.	40-56 —	.18- .97- —	1890 N. J	6	2	F.	(a)	.60- .93- .77
1880 England	571	(a)	F.	45-45-45	.22- .22- .22	1890 N. Y	333	2	M.	(a)	1.25-1.69-1.47
1882 S. C	7	2	M.	66-66-66	.40- .75- .58	1891 N. Y	333	2	M.	(a)	1.25-1.69-1.47
1883 Ala	7	2	M.	(a)	.40- .40- .40	1892 France	505	(a)	M.	66-66-66	.72- .72- .72
1883 Ga	7	1	F.	66-66-66	.80- .80- .80	1893 Ireland	632	(a)	F.	(a)	.24- .32- —
1883 S. C	7	2	M.	70-72-71	.50- .90- .70	1895 Ala	7	4	M.	60-66-62	.40- .60- .46
1883 England	572	(a)	M.	40-56 —	.18- .95- —	1895 Ga	7	2	M.	66-66-66	.85-1.00- .93
1883 England	572	(a)	F.	45-45-45	.22- .22- .22	1895 Ga	7	1	F.	66-66-66	.85- .85- .85
1883 Gr't Brit	273	(a)	M.	(a)	.91- .97- —	1895 Ga	8	4	M.	66-66-66	.95-1.00- .98
1883 Gr't Brit	273	(a)	(a)	(a)	.16- .33- —	1895 Mass	7	1	M.	58-58-58	.97- .97- .97
1884 Ga	7	1	M.	66-66-66	.80- .80- .80	1895 N. H	7	4	M.	60-60-60	.85-2.10-1.41
1884 Mass	7	1	M.	60-60-60	1.00-1.00-1.00	1895 N. Y	8	2	M.	60-60-60	1.25-1.33-1.29
1884 Germany	178	(a)	M.	60-60-60	.36- .36- .36	1895 N. C	8	2	M.	66-72-69	.35-1.00- .68
1884 Scotland	178	(a)	M.	57-57-57	.73- .81- —	1895 S. C	7	10	M.	66-66-66	.35-1.00- .60
1885 Ala	7	2	M.	c 63-63-63	.46- .60- .53	1895 S. C	8	1	M.	66-66-66	.65- .65- .65
1885 Ga	1	3	M.	69-69-69	.55- .55- .55	1895 Tenn	7	1	M.	66-66-66	.60- .60- .60
1885 Me	1	4	M.	66-66-66	.80- .87- .85	1896 Ga	7	3	M.	66-66-66	.85- .95- .92
1885 Mass	1	8	M.	60-60-60	.45- .45- .45	1896 Minn	7	3	M.	60-60-60	1.50-1.60-1.53
1885 N. Y	1	11	M.	60-66-63	.50-1.00- .73	1896 N. H	7	1	M.	60-60-60	1.10-1.10-1.10
1886 England	600	(a)	M.	57-57-57	.68- .84- —	1896 N. C	7	1	M.	69-69-69	.65- .65- .65
1888 Ga	6	8	M.	d 66-66-66	.95-1.25-1.04	1896 S. C	7	5	M.	66-69-67	.40- .80- .71

a Not reported.
b Average for 1867–68.
c Not including hours of 1 person not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRUSH MAKERS.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1860 Germany	185	(a) M.	(a)	0.30-0.30-0.30
1861 England	564	(a) (a)	60-60-60	.85-1.28- —
1861 Italy	610	(a) M.	(a)	.17- .17- .17
1863 Ireland	565	(a) (a)	(a)	.73- .73- .73
1864 Germany	185	(a) M.	(a)	.36- .36- .36
1864 Germany	610	(a) M.	(a)	.49- .61- —
1864 Germany	610	(a) F.	(a)	.14- .16- —
1865 Germany	185	(a) M.	(a)	.12- .12- .12
1866 Germany	185	(a) M.	(a)	.12- .12- .12
1867 Germany	185	(a) M.	(a)	.12- .12- .12
1868 Germany	185	(a) M.	(a)	.12- .12- .12
1869 Germany	609	(a) M.	(a)	.24- .49- —
1870 Germany	610	(a) M.	72-72-72	.24- .49- —
1870 Germany	610	(a) M.	78-78-78	b1.42-1.42-1.42
1870 Netherl'ds	610	(a) M.	72-72-72	.28- .28- .28
1870 Switzerl'd	610	(a) M.	(a)	.42- .58- —
1871 Germany	185	(a) M.	(a)	.12- .72- —
1871 Germany	185	(a) M.	(a)	b .16- .16- .16
1871 Germany	185	(a) F.	(a)	.17- .36- —
1872 Netherl'ds	185	(a) (a)	(a)	.40- .81- —
1873 Germany	177	(a) M.	(a)	.55- .55- .55
1873 Switzerl'd	185	(a) M.	(a)	.52- .52- .52
1874 Germany	177	(a) M.	(a)	.55- .55- .55
1874 Scotland	177	(a) M.	54-54-54	1.00-1.08- —
1875 Germany	177	(a) M.	(a)	.51- .51- .51
1875 Scotland	177	(a) M.	54-54-54	1.00-1.08- —
1876 Germany	177	(a) M.	(a)	.48- .48- .48
1876 Scotland	177	(a) M.	54-54-54	.96-1.04- —
1877 Germany	177	(a) M.	(a)	.48- .48- .48
1877 Scotland	177	(a) M.	54-54-54	.96-1.04- —
1878 Ohio	360	1 M.	54-54-54	1.50-1.50-1.50
1878 Denmark	177	(a) M.	(a)	.71- .71- .71
1878 Denmark	177	(a) F.	(a)	.45- .45- .45
1878 France	177	(a) M.	(a)	.85- .85- .85
1878 France	177	(a) F.	(a)	.40- .40- .40
1878 Germany	177	(a) M.	(a)	.47- .47- .47
1878 Scotland	177	(a) M.	54-54-54	.96-1.04- —
1879 Ohio	361	1 M.	(a)	1.33-1.33-1.33
1879 Germany	545	(a) M.	(a)	.48-1.01- —
1880 N. J	319	2 (a)	48-54-51	1.00-1.25-1.13
1880 Germany	546	(a) M.	(a)	.48- .95- —
1881 N. H	7	1 F.	65-65-65	1.00-1.00-1.00
1881 Germany	178	(a) M.	(a)	.71- .71- .71
1882 Mo	294	2 M.	60-60-60	.35-1.16- .76
1882 Ohio	364	19 (a)	56-56-56	1.54-1.54-1.54
1882 Germany	554	(a) (a)	66-66-66	.36- .83- —
1883 R. I	7	4 M.	60-60-60	1.17-2.25-1.77
1883 Germany	47	(a) M.	78-78-78	.69- .69- .69
1883 Germany	555	(a) (a)	60-60-60	.42- .95- —
1884 Mich	278	32 M.	(a)	.42-2.00- .57
1884 Mo	7	8 M.	60-60-60	1.04-1.70-1.46
1884 Mo	7	4 F.	60-60-60	.50- .83- .71
1884 Aust-Hun	178	(a) M.	60-60-60	.48- .67- —
1884 Belgium	178	(a) M.	(a)	.38- .95- —
1884 England	178	(a) M.	(a)	1.01-1.42- —
1884 Germany	178	(a) M.	(a)	.46- .79- —
1884 Germany	178	(a) M.	(a)	b.30-1.19- —
1884 Germany	556	(a) (a)	60-66 —	.36- .95- —
1884 Germany	556	(a) (a)	60-60-60	b.24- .30- —
1884 Italy	178	(a) M.	(a)	.20- .45- —
1884 Switzerl'd	178	(a) M.	66-66-66	.58- .77- —
1885 Md	7	12 M.	60-60-60	1.67-2.50-2.07
1885 Md	7	9 F.	60-60-60	1.17-1.75-1.48
1885 Mass	7	4 M.	58-58-58	1.67-2.33-1.96
1885 Mass	7	6 F.	58-58-58	.74-1.27- .99
1885 N. J	7	13 M.	48-48-48	1.67-1.67-1.67
1885 N. J	7	26 F.	59-59-59	.67-1.25- .91
1885 N. Y	7	27 M.	59-59-59	.58-1.25- .93
1885 N. Y	7	11 F.	59-59-59	.50- .67- .56
1885 Canada	467	(a) M.	56-58 —	1.61-1.65- —
1885 Germany	547	(a) M.	(a)	0.36-0.83- —
1886 Ill	208	65 M.	54-54-54	1.80-1.80-1.80
1886 Md	3	1 F.	46-46-46	.83- .83- .83
1886 N. Y	2	58 M.	60-60-60	1.25-1.25-1.25
1886 Pa	3	11 F.	50-60-56	.33- .92- .66
1886 R. I	3	3 F.	53-53-53	.83-1.08- .94
1886 Belgium	456	(a) (a)	(a)	.48- .77- —
1886 Canada	468	(a) M.	50-52 —	1.38-1.55- —
1886 Germany	548	(a) (a)	(a)	.36-1.07- —
1886 Ireland	3	(a) F.	63-63-63	.92- .92- .92
1887 N. Y	3	5 F.	53-54-53	.37- .83- .63
1887 Ohio	3	1 F.	56-56-56	.75- .75- .75
1887 Ohio	369	67 M.	60-60-60	.75-2.00-1.24
1887 Ohio	369	35 F.	60-60-60	.50-1.00- .70
1887 Canada	469	(a) M.	56-56-56	1.51-1.67- —
1888 N. Y	331	4 M.	53-59-58	.75-2.00-1.63
1888 Aust-Hun	447	(a) M.	(a)	.35- .52- —
1888 Canada	470	(a) M.	59-59-59	1.76-1.76-1.76
1888 Germany	558	(a) M.	57-60 —	.48-1.19- —
1889 Mich	281	10 (a)	60-60-60	.67- .83- .70
1889 R. I	398	1 F.	60-60-60	1.08-1.08-1.08
1889 Canada	471	(a) M.	57-59 —	1.57-1.58- —
1889 Canada	471	(a) F.	53-53-53	.60- .60- .60
1889 Germany	550	(a) M.	(a)	.48- .95- —
1889 Portugal	691	(a) (a)	(a)	.43- .43- .43
1890 N. Y	333	166 M.	(a)	.42-4.17-1.64
1890 N. Y	333	14 F.	(a)	.61-1.17- .91
1890 Netherl'ds	666	(a) M.	(a)	.50- .60- —
1891 Mich	283	102 F.	(a)	.44- .81- .47
1891 N. Y	333	154 M.	(a)	.42-4.17-1.59
1891 N. Y	333	17 F.	(a)	.61-1.17- .85
1891 China	105	(a) (a)	(a)	.20- .20- .20
1891 England	576	(a) (a)	53-54 —	1.01-1.14- —
1891 Germany	551	(a) (a)	(a)	.48- .95- —
1891 Scotland	576	(a) (a)	c 60-60-60	1.01-1.05- —
1892 Me	258	3 F.	60-60-60	.33-1.04- .71
1892 Australia	424	(a) M.	(a)	1.01-2.03- —
1892 Australia	424	(a) F.	(a)	.81- .81- .81
1892 Denmark	595	(a) M.	(a)	.81- .81- .81
1892 England	577	(a) M.	52-52-52	1.01-1.01-1.01
1892 England	632	(a) M.	52-54 —	.49-1.09- —
1892 England	632	(a) F.	52-52-52	.24- .41- —
1892 France	505	(a) M.	63-66 —	.60-1.06- —
1892 France	505	(a) F.	63-63-63	.09½-.41- —
1892 Germany	184	(a) M.	(a)	.87- .87- .87
1892 Scotland	11	(a) (a)	(a)	1.01-1.22- —
1892 Scotland	577	(a) M.	60-60-60	1.01-1.01-1.01
1892 Scotland	632	(a) M.	50-50-50	.93- .93- .93
1892 Scotland	632	(a) F.	50-50-50	.41- .41- .41
1893 Ill	10	3 M.	55-59-57	1.17-1.67-1.33
1893 Md	10	5 M.	60-60-60	1.00-4.17-2.10
1893 N. J	327	4 F.	55-55-55	1.00-1.00-1.00
1893 N. Y	10	1 M.	60-60-60	1.17-1.17-1.17
1893 N. Y	10	2 F.	58-60-59	.92-1.00- .96
1893 Ohio	374	112 M.	54-60-59	1.25-1.60-1.54
1893 Ohio	374	52 F.	54-60-60	.80-1.10-1.09
1893 Pa	10	6 M.	58-60-60	.83-2.00-1.36
1893 France	507	(a) M.	60-60-60	.87- .87- .87
1893 France	507	(a) F.	60-60-60	.34- .34- .34
1893 France	507	(a) (a)	60-60-60	.19- .19- .19
1893 Germany	11	(a) M.	(a)	.60- .60- .60
1894 Ohio	375	175 M.	d 48-60-60	.75-2.50-1.23
1894 Ohio	375	96 F.	60-60-60	.65-1.50- .70
1894 France	508	(a) M.	60-72 —	.58-1.16- —
1894 France	508	(a) F.	66-66-66	.29- .58- —
1895 Mass	7	4 M.	58-58-58	1.00-2.50-2.13
1895 Mass	7	10 F.	58-58-58	.62-1.39- .96
1895 Mo	7	12 M.	60-60-60	1.23-2.00-1.64
1895 Mo	7	5 F.	60-60-60	.58- .83- .72
1895 N. H	7	2 F.	60-60-60	.95-1.00- .98

a Not reported.
b And board and lodging.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BRUSH MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 N. J	7	2 M.	48-48-48	1.67-1.67-1.67	1897 France	511	(a) (a)	66-66-66	0.68-0.68-0.68
1895 N. Y	7	31 M.	59-59-59	.50-1.17- .81	1898 N. J	329	16 M.	60-60-60	1.33-2.50-1.91
1895 N. Y	7	39 F.	59-59-59	.50-1.17- .81	1898 N. J	329	20 F.	60-60-60	.50-1.33- .94
1895 Ohio	376	209 M.	48-60-58	1.00-2.50-1.22	1898 Australia	429	(a) (a)	(a)	1.01-2.43- —
1895 Ohio	376	116 F.	48-60-60	.52- .90- .55	1898 Aust-Hun	438	(a) (a)	59-66 —	.51-1.08- —
1895 R. I	7	8 M.	60-60-60	1.50-2.50-1.84	1898 Denmark	493	(a) M.	60-60-60	.80-1.07- —
1896 Md	7	17 M.	60-60-60	1.67-2.50-2.05	1898 France	512	(a) M.	66-66-66	.58- .68- —
1896 Md	7	10 F.	60-60-60	1.17-1.67-1.38	1898 France	512	(a) F.	66-66-66	.19- .26- —
1896 Mich	288	7 (a)	54-54-54	.90-1.75-1.20	1898 France	512	(a) (a)	66-66-66	.10- .15- —
1896 Ohio	377	284 M.	59-60-60	.95-2.31-1.36	1898 Germany	151	(a) (a)	(a)	.60- .71- —
1896 Ohio	377	140 F.	48-60-60	.65- .83- .71	1899 Mass	18	5 M.	59-59-59	1.00-2.50-1.95
1896 Aust-Hun	436	(a) (a)	60-60-60	.54- .54- .54	1899 Mass	18	11 F.	58-58-58	1.00-1.50-1.18
1896 France	505	(a) M.	60-72 —	.39- .97- —	1899 N. Y	18	50 M.	59-59-59	2.50-4.00-3.10
1896 Germany	560	(a) M.	66-66-66	.79- .79- .79	1899 N. Y	18	250 F.	59-59-59	1.00-1.50-1.23
1897 Australia	428	(a) (a)	(a)	1.01-2.43- —	1900 Mass	18	5 M.	59-59-59	1.00-2.50-1.95
1897 Aust-Hun	437	(a) (a)	60-60-60	.54- .81- —	1900 Mass	18	11 F.	58-58-58	1.00-1.50-1.18
1897 France	511	(a) M.	66-66-66	.68-1.11- —	1900 N. Y	18	50 M.	59-59-59	2.50-4.00-3.10
1897 France	511	(a) F.	66-66-66	.14- .39- —	1900 N. Y	18	260 F.	59-59-59	1.00-1.50-1.25

BRUSH MAKERS' HELPERS.

1885 Md	7	4 M.	60-60-60	.83-1.25-1.06	1894 Ohio	375	2 M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	1 M.	(a)	1.67-1.67-1.67	1896 Md	7	6 M.	60-60-60	.83-1.25-1.01
1891 N. Y	333	178 M.	(a)	.33-1.67- .64	1896 Md	7	4 F.	60-60-60	.75-1.00- .83

BRUSHMEN, SILVER GOODS.

1840 England	563	(a) M.	54-54-54	1.01-1.82- —	1860 England	563	(a) M.	54-54-54	1.01-1.82- —
1850 England	563	(a) M.	54-54-54	1.01-1.82- —					

BUCKLE CLIPPERS.

1880 Conn	7	11 F.	60-60-60	.51-1.51- .92	....	.....	....	....	....	.....	.....

BUCKLE MAKERS.

1886 Conn	2	100 F.	60-60-60	1.00-1.25-1.13	1887 Conn	202	32 F.	(a)	1.01-1.01-1.01
1886 N. J	3	1 F.	51-51-51	1.00-1.00-1.00	1887 Ill	3	1 F.	57-57-57	.42- .42- .42
1887 Conn	202	44 M.	(a)	2.27-2.27-2.27	1887 Ohio	3	7 F.	52-62-55	.50-1.04- .73

BUCKLERS, SUSPENDERS.

1885 N. J	7	2 F.	50-50-50	.75- .78- .77	1888 Me	254	2 F.	54-54-54	.83- .83- .83
1887 Ill	3	1 F.	52-52-52	.58- .58- .58	1890 N. Y	333	5 M.	(a)	.67- .67- .67
1887 Mass	3	2 F.	59-59-59	1.08-1.17-1.13	1891 N. Y	333	5 M.	(a)	.67- .67- .67
1887 N. Y	3	1 F.	56-56-56	.58- .58- .58	1895 N. J	7	2 F.	55-55-55	.67- .71- .69

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUFFERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Mass	270	11 M.	(a)	2.00-2.34-2.19	1890 N. Y	333	17 M.	(a)	0.97-2.83-1.41
1877 Ohio	359	1 M.	(a)	2.00-2.00-2.00	1891 Me	257	7 M.	48-60-58	1.50-2.48-1.90
1879 Pa	7	1 M.	57-57-57	.83- .83- .83	1891 N. Y	333	10 M.	(a)	.97-2.83-1.58
1881 Mass	7	1 M.	60-60-60	1.94-1.94-1.94	1892 France	505	(a) M.	66-66-66	.68- .87- —
1881 Mass	7	2 F.	60-60-60	1.53-1.68-1.61	1892 France	505	(a) M.	66-66-66	c .39-1.16- —
1883 Mass	273	83 M.	(a)	1.38-3.33-2.21	1894 Me	260	1 M.	60-60-60	2.83-2.83-2.83
1884 N. J	7	3 M.	(a)	2.00-2.08-2.04	1894 N. H	316	2 M.	47-59-53	1.00-1.50-1.25
1884 N. J	323	3 M.	60-63-61	1.33-1.50-1.39	1894 N. Y	8	3 M.	60-60-60	1.50-2.00-1.72
1885 Cal	1	6 M.	60-60-60	1.25-1.87-1.46	1895 Mass	7	7 M.	56-59-58	1.10-3.08-2.03
1885 Md	1	2 M.	60-60-60	1.67-1.67-1.67	1895 Mass	8	40 M.	d54-60-59	1.00-2.75-1.93
1885 Mass	1	10 M.	60-60-60	1.50-2.00-1.80	1895 Mo	304	2 M.	(a)	2.00-2.00-2.00
1885 Mass	7	4 M.	59-59-59	1.50-2.00-1.81	1895 N. H	316	1 M.	60-60-60	2.33-2.33-2.33
1885 N. J	324	1 M.	60-60-60	.83- .83- .83	1895 N. J	7	4 M.	e 60-60-60	2.00-2.33-2.18
1885 N. Y	1	40 M.	60-60-60	1.33-1.50-1.39	1895 N. Y	8	2 M.	60-60-60	.75-2.00-1.38
1885 Pa	1	6 M.	60-60-60	2.50-2.50-2.50	1895 Ohio	376	1 M.	60-60-60	1.16-1.16-1.16
1886 N. J	325	4 M.	60-60-60	1.17-1.33-1.23	1896 Ohio	7	10 M.	60-60-60	2.17-2.50-2.35
1886 N. J	325	4 F.	60-60-60	.67- .75- .71	1896 Pa	7	3 M.	59-59-59	.83-1.50-1.11
1887 Wis	409	2 (a)	(a)	2.00-2.00-2.00	1898 N. J	329	7 M.	60-60-60	2.08-2.08-2.08
1888 N. Y	331	62 M.	b 44-60-57	.50-4.50-1.67					

BUFFERS, GLASS.

1882 Pa	7	1 M.	60-60-60	1.67-1.67-1.67	1895 W. Va	7	4 F.	60-60-60	.46- .50- .48
1884 W. Va	7	3 F.	60-60-60	.60- .60- .60	1896 Pa	7	2 M.	48-48-48	2.00-2.00-2.00
1895 Ohio	376	1 M.	60-60-60	1.10-1.10-1.10					

BUFFERS, METALS.

1840 England	563	(a) M.	60-60-60	.97-1.46- —	1888 Canada	470	(a) M.	58-58-58	1.44-1.44-1.44
1850 England	563	(a) M.	60-60-60	.97-1.46- —	1889 Canada	471	(a) M.	59-59-59	1.51-1.51-1.51
1857 England	8	(a) M.	60-60-60	1.25-1.25-1.25	1890 Mich	282	24 M.	60-60-60	.50-2.00-1.37
1860 England	563	(a) M.	60-60-60	.97-1.46- —	1890 N. Y	333	85 M.	(a)	.58-2.75-2.08
1871 England	629	(a) M.	58-58-58	1.14-1.14-1.14	1891 N. Y	333	124 M.	(a)	.58-3.60-1.99
1872 England	185	(a) M.	(a)	1.07-1.07-1.07	1892 Cal	196	1 M.	57-57-57	.92- .92- .92
1872 England	185	(a) F.	(a)	.30- .57- —	1892 Mass	20	2 M.	60-60-60	2.50-2.50-2.50
1874 England	569	(a) M.	54-54-54	1.22-1.22-1.22	1893 Mass	20	14 M.	60-60-60	2.00-2.50-2.39
1878 England	43	(a) M.	(a)	1.22-1.30- —	1893 Ohio	374	5 M.	54-60-58	1.80-2.75-2.37
1878 England	43	(a) F.	(a)	.61- .73- —	1894 Iowa	236	2 M.	60-60-60	1.25-1.50-1.38
1880 England	571	(a) M.	52-52-52	1.05-1.38- —	1894 N. Y	8	2 M.	60-60-60	1.50-2.25-1.88
1881 Mass	7	5 M.	60-60-60	1.00-3.00-2.00	1894 Ohio	375	92 M.	g 48-60-58	.77-2.75-1.83
1881 Ohio	7	4 M.	60-60-60	2.33-3.00-2.71	1895 Mass	7	35 M.	60-60-60	.83-3.37-1.81
1883 N. J	7	4 M.	75-75-75	2.75-3.33-2.97	1895 Mass	8	3 M.	60-60-60	2.00-2.00-2.00
1883 England	43	(a) M.	(a)	1.22-1.22-1.22	1895 N. H	7	12 M.	59-59-59	1.35-2.45-1.96
1883 England	43	(a) F.	(a)	.61- .61- .61	1895 N. J	7	2 M.	60-60-60	2.67-3.00-2.84
1884 N. J	323	10 M.	60-60-60	1.33-1.33-1.33	1895 N. J	7	3 F.	60-60-60	1.67-1.67-1.67
1884 Canada	178	(a) (a)	60-60-60	1.17-1.92- —	1895 N. Y	7	14 M.	60-60-60	1.25-1.67-1.51
1885 Mich	1	24 M.	60-60-60	.75-1.75-1.23	1895 N. Y	8	2 M.	60-60-60	1.40-1.50-1.45
1885 N. H	7	2 M.	59-59-59	1.01-2.57-1.79	1895 Ohio	376	65 M.	48-60-58	.77-3.00-1.96
1885 N. J	7	5 F.	(a)	1.33-1.33-1.33	1895 Pa	8	4 M.	54-54-54	.72- .81- .77
1885 N. Y	7	12 M.	59-60-60	1.71-2.10-1.85	1896 Conn	8	2 M.	60-60-60	2.25-3.00-2.63
1886 Conn	2	57 (a)	60-60-60	1.50-2.25-1.81	1896 Mich	288	9 (a)	60-60-60	.50-2.25-1.08
1886 N. Y	7	19 M.	(a)	.42-2.00-1.19	1896 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1886 Canada	468	(a) M.	65-65-65	1.78-1.78-1.78	1896 N. Y	7	43 M.	59-60-60	.33-2.23-1.14
1887 Conn	202	104 M.	(a)	.98-2.30-2.21	1896 Ohio	7	7 M.	60-60-60	1.17-3.17-2.19
1887 Conn	202	15 F.	(a)	1.11-1.11-1.11	1896 Ohio	377	66 M.	h 54-60-59	1.00-2.50-1.80
1887 Ill	3	1 F.	59-59-59	1.17-1.17-1.17	1896 R. I	8	1 M.	60-60-60	2.50-2.50-2.50
1887 Wis	409	3 M.	(a)	.60- .60- .60	1897 Conn	8	2 M.	60-60-60	2.50-3.00-2.75
1888 N. J	326	4 M.	(a)	2.00-2.17-2.04	1897 N. Y	8	1 M.	60-60-60	2.25-2.25-2.25
1888 N. Y	331	47 M.	f 55-60-58	1.06-3.00-2.24	1898 Kans	252	1 M.	54-54-54	1.80-1.80-1.80

a Not reported.
b Not including hours of 5 persons not reported.
c And *gratifications*.
d Not including hours of 4 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 13 persons not reported.
g Not including hours of 10 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUFFERS, TANNERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Mass	270	1 M.	(a)	2.00-2.00-2.00	1894 N. Y	8	16 M.	60-60-60	2.50-2.50-2.50
1890 N. Y	333	6 M.	(a)	2.67-2.67-2.67	1896 Mass	8	3 M.	60-60-60	2.50-2.50-2.50
1891 N. Y	333	9 M.	(a)	1.83-2.67-2.41	1896 Ohio	377	12 M.	48-48-48	2.45-2.45-2.45

BUFFERS, WOOD.

1888 N. Y	331	1 M.	59-59-59	.83- .83- .83	1894 Ohio	375	3 M.	60-60-60	.75-1.25-1.08
1890 N. Y	333	9 M.	(a)	1.00-1.00-1.00	1895 Conn	8	2 M.	60-60-60	.42- .42- .42
1891 N. Y	333	7 M.	(a)	1.00-1.00-1.00	1895 Ohio	376	14 M.	60-60-60	1.50-1.75-1.57

BUFF MAKERS, TOOLS.

1890 N. Y	333	2 M.	(a)	2.25-2.25-2.25	1891 N. Y	333	2 M.	(a)	2.25-2.25-2.25
1890 N. Y	333	3 F.	(a)	1.00-1.00-1.00	1891 N. Y	333	3 F.	(a)	1.00-1.00-1.00

BUGGY BOYS, IRON AND STEEL.

1877 England	570	(a) M.	50-55 —	.41- .55- —	1883 England	572	(a) M.	60-60-60	.60- .60- .60

BUGGY MEN, IRON AND STEEL.

1855 N. Y	190	1 M.	60-60-60	1.00-1.00-1.00	1883 England	43	(a) (a)	(a)	1.01-1.01-1.01
1858 N. Y	190	1 M.	60-60-60	.94- .94- .94	1883 England	572	(a) M.	56-56-56	.76- .76- .76
1861 N. Y	190	1 M.	60-60-60	1.00-1.00-1.00	1884 N. Y	190	2 M.	60-60-60	1.35-1.35-1.35
1865 N. Y	190	2 M.	60-60-60	1.50-1.88-1.69	1884 England	178	(a) M.	55-72 —	1.01-1.44- —
1866 N. Y	190	5 M.	60-60-60	1.50-1.88-1.65	1885 Ill	1	4 M.	60-60-60	1.35-1.90-1.63
1867 N. Y	190	6 M.	60-60-60	1.50-1.88-1.63	1885 N. Y	1	20 M.	72-72-72	2.50-2.50-2.50
1868 N. Y	190	4 M.	60-60-60	1.63-1.63-1.63	1885 N. Y	190	2 M.	60-60-60	1.22-1.22-1.22
1869 N. Y	190	6 M.	60-60-60	1.25-1.63-1.50	1885 Ohio	1	2 M.	60-60-60	3.14-3.14-3.14
1870 N. Y	190	8 M.	60-60-60	1.38-1.75-1.56	1885 Pa	1	38 M.	72-72-72	1.65-2.48-2.44
1871 N. Y	190	5 M.	60-60-60	1.38-1.63-1.53	1885 Belgium	1	(a) M.	63-63-63	.60- .60- .60
1871 England	629	(a) M.	59-59-59	1.22-1.22-1.22	1886 N. J	325	16 M.	60-60-60	1.15-1.15-1.15
1872 N. Y	190	6 M.	60-60-60	1.50-1.75-1.63	1886 N. Y	190	7 M.	60-60-60	1.22-1.50-1.38
1873 N. Y	190	6 M.	60-60-60	1.50-1.75-1.63	1886 Pa	2	30 M.	59-59-59	1.00-1.00-1.00
1874 N. Y	190	2 M.	60-60-60	1.50-1.50-1.50	1886 Aust-Hun	60	(a) (a)	(a)	.85- .85- .85
1874 Pa	380	8 M.	(a)	1.72-1.72-1.72	1887 Md	4	17 M.	(a)	1.10-1.50-1.15
1875 N. Y	190	5 M.	60-60-60	1.38-1.50-1.47	1887 Pa	390	10 M.	(a)	2.04-2.38-2.31
1876 N. Y	190	10 M.	60-60-60	1.30-1.50-1.38	1888 N. Y	190	4 M.	60-60-60	1.25-1.50-1.38
1876 Pa	381	106 M.	(a)	.44-3.00-1.40	1888 England	5	(a) M.	(a)	.45-1.18- —
1876 Pa	382	14 M.	(a)	1.26-2.00-1.66	1889 Ill	5	6 M.	(a)	2.08-2.08-2.08
1877 N. Y	190	6 M.	60-60-60	1.30-1.45-1.40	1889 N. Y	5	23 M.	c 60-60-60	.88-2.13-1.67
1877 England	570	(a) M.	50-66 —	.74- .89- —	1889 N. Y	190	9 M.	60-60-60	.75-1.50-1.21
1878 N. Y	190	11 M.	60-60-60	1.13-1.50-1.25	1889 Ohio	5	22 M.	66-66-66	1.25-2.26-1.69
1878 Pa	383	85 M.	b 48-72-68	.60-2.34-1.59	1889 Pa	5	18 M.	d 48-66-62	1.20-1.67-1.44
1878 England	43	(a) (a)	(a)	1.01-1.01-1.01	1889 Belgium	5	(a) M.	62-62-62	.62- .62- .62
1879 N. Y	190	2 M.	60-60-60	1.13-1.13-1.13	1889 England	5	(a) M.	66-72 —	.85-1.52- —
1880 N. Y	190	4 M.	60-60-60	1.25-1.50-1.38	1889 Germany	5	(a) M.	(a)	.58- .58- .58
1881 N. Y	190	6 M.	60-60-60	1.38-1.70-1.48	1889 Scotland	5	(a) M.	66-66-66	1.15-1.22- —
1882 N. Y	190	4 M.	60-60-60	1.38-1.50-1.44	1891 N. Y	190	4 M.	60-60-60	1.25-1.25-1.25
1883 N. Y	190	3 M.	60-60-60	1.38-1.50-1.42	1892 Scotland	632	(a) M.	(a)	1.01-1.22- —

a Not reported.
b Not including hours of 65 persons not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUILDERS UP, ELECTROTYPING.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).	Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1865	Pa	8	1	M.	60-60-60	2.50-2.50-2.50	1891	N. Y.	333	2	M.	(a)	2.00-3.00-2.50
1876	Pa	8	1	M.	60-60-60	2.50-2.50-2.50	1895	Pa	8	3	M.	60-60-60	2.00-2.66-2.44
1890	N. Y.	333	2	M.	(a)	2.00-3.00-2.50							

BULKERS, TOBACCO.

1870	N. C.	8	4	M.	60-60-60	1.00-1.00-1.00	1895	N. J.	8	24	F.	60-60-60	.83- .83- .83
1894	N. C.	8	8	M.	60-72-63	.75- .75- .75	1895	Ohio	376	43	M.	60-60-60	1.25-1.34-1.31
1895	N. J.	8	12	M.	60-60-60	1.58-1.58-1.58	1896	Ohio	377	38	M.	60-60-60	1.31-1.31-1.31

BULLOCK DRIVERS.

1876	Australia..	171	(a)	M.	(a)	b .62- .81- —	1888	Australia..	421	(a)	M.	(a)	b .62- .81- —
1881	Australia..	431	(a)	M.	(a)	c .62- .81- —	1897	Australia..	418	(a)	(a)	(a)	d .81- .81- .81
1888	Australia..	83	(a)	(a)	(a)	c .67- .67- .67	1898	Australia..	419	(a)	(a)	(a)	e 1.05-1.22- —

BUNCHERS, ARTIFICIAL FLOWERS.

1890	N. Y.	333	22	M.	(a)	1.00-1.50-1.27	1891	N. Y.	333	24	M.	(a)	1.33-1.50-1.40

BUNCHERS, BOOTS AND SHOES.

1890	Australia..	423	(a)	F.	50-50-50	.10- .31- —	1895	Australia..	426	(a)	(a)	(a)	.16- .51- —
1894	Australia..	425	(a)	(a)	(a)	.16- .51- —	1896	Mass	8	2	M.	60-60-60	1.00-1.00-1.00
1895	Mass	8	26	M.	54-60-60	1.00-3.00-1.56	1896	Australia..	427	(a)	(a)	(a)	.16- 41- —
1895	Mass	8	2	F.	60-60-60	1.00-1.50-1.25							

BUNCHERS, FEATHER DUSTERS.

1877	Ill.	8	2	F.	60-60-60	.58- .58- .58	1890	N. Y.	333	5	M.	(a)	.50- .50- .50
1885	Ill.	7	6	F.	(a)	.78-1.08- .94	1891	N. Y.	333	5	M.	(a)	.50- .50- .50
1886	Ill.	7	5	F.	56-56-56	.79-1.54-1.19	1895	N. Y.	8	5	F.	60-60-60	.67- .67- .67
1887	Ill.	3	7	F.	50-57-53	.33-1.00- .67	1896	Ill.	7	17	F.	54-56-55	.60-1.63- .96

BUNCHERS, FEATHERS.

1885	N. Y.	7	9	F.	49-49-49	.97-1.67-1.32	1890	N. Y.	333	18	M.	(a)	2.50-2.50-2.50
1887	N. Y.	3	4	F.	49-54-52	1.17-1.67-1.38	1891	N. Y.	333	18	M.	(a)	2.50-2.50-2.50
1888	N. Y.	331	2	F.	(a)	1.33-1.33-1.33	1895	N. Y.	7	16	F.	49-49-49	1.77-3.27-2.42

BUNCHERS, MATCHES.

1888	Me	254	5	F.	60-60-60	.75-1.25-1.06	1892	Me	258	46	F.	60-60-60	.60-1.33- .97

a Not reported.
b And board.
c And board and lodging.
d And found.
e And rations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUNCHERS, STAVES, HEADINGS, ETC.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1878	Pa	383	5 M.	60-60-60	1.25-1.50-1.45
1879	Pa	384	15 (a)	(a)	.69-1.50-1.24
1879	Pa	384	1 (a)	(a)	b.60- .60- .60
1891	Me	257	7 M.	60-66-63	1.50-1.75-1.54
1893	Ohio	374	11 M.	60-60-60	1.00-1.00-1.00
1894	Me	260	2 M.	60-66-63	1.25-1.62-1.44
1894	Ohio	375	5 M.	60-60-60	.80- .80- .80

BUNCH MAKERS, CIGARS.

Year	State or country	Report No.	Number	Sex	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	Ohio	359	86	(a)	(a)	.67- .67- .67
1882	Ohio	364	43	(a)	60-60-60	1.25-1.25-1.25
1883	N. J	322	10	M.	60-60-60	(a) .83- .67
1884	Iowa	7	8	F.	58-58-58	.52-1.22- .91
1884	Mich	278	22	M.	(a)	.60-1.75-1.65
1884	Mich	278	26	F.	(a)	.75-1.50-1.18
1884	Canada	178	(a)	(a)	(a)	.67-1.33- —
1884	Canada	466	(a)	F.	60-60-60	.63- .63- .63
1885	Ill	1	59	F.	60-60-60	1.00-1.33-1.09
1885	La	7	10	F.	55-55-55	.64-1.03- .78
1885	N. J	1	20	F.	54-54-54	.75- .75- .75
1885	N. J	7	5	F.	58-58-58	.75-1.17- .88
1885	N. Y	7	4	F.	48-48-48	.77-1.05- .90
1885	N. Y	330	37	F.	(c)	.50-1.50- .85
1885	Ohio	1	116	M.	54-60-58	1.00-1.50-1.27
1885	Ohio	1	226	F.	50-60-56	.33-1.44-1.02
1885	Ohio	7	18	M.	45-45-45	1.24-1.78-1.53
1885	Ohio	7	23	F.	45-45-45	.85-1.40-1.14
1885	Ohio	367	1	M.	54-54-54	1.09-1.09-1.09
1885	Va	7	25	F.	(a)	.67- .92- .76
1885	W. Va	7	2	F.	60-60-60	.67- .75- .71
1885	Canada	467	(a)	M.	57-58 —	1.26-1.35- —
1885	Canada	467	(a)	F.	57-58 —	.61- .67- —
1886	Iowa	7	8	F.	60-60-60	.65-1.06- .88
1886	Md	3	12	F.	48-57-53	.46-1.25- .81
1886	Mo	3	5	F.	52-52-52	.83-1.50-1.22
1886	N. J	3	4	F.	56-56-56	.83-1.33-1.08
1886	Ohio	3	1	F.	(a)	.50- .50- .50
1886	Pa	7	23	F.	d58-60-59	.67-1.00- .83
1886	R. I	3	3	F.	54-59-55	.58- .92- .77
1886	W. Va	7	1	F.	58-58-58	.75- .75- .75
1887	Ill	3	8	F.	51-58-55	.71-1.67-1.24
1887	Ky	3	3	F.	57-57-57	.67- .83- .78
1887	La	3	18	F.	e52-60-57	.38-1.50- .91
1887	Minn	3	2	F.	51-51-51	1.50-1.67-1.59
1887	N. Y	3	52	F.	f44-64-51	.67-2.33-1.21
1887	Ohio	3	34	F.	g39-60-51	.58-1.58- .92
1887	Ohio	369	114	M.	48-60-56	.58-2.50-1.24
1887	Ohio	369	106	F.	48-60-55	.60-1.33-1.05
1887	Ohio	369	25	F.	54-60-58	h.70-3.00-2.30
1887	Pa	3	4	F.	48-48-48	.92-1.83-1.33
1887	Wis	409	115	(a)	(a)	1.00-1.00-1.00
1887	Germany	557	(a)	F.	54-60 —	.28- .44- —
1888	N. Y	331	19	M.	47-59-52	.75-1.75-1.24
1888	Va	3	6	F.	54-60-59	.46-1.42- .92
1888	Canada	470	(a)	F.	59-59-59	.97- .97- .97
1888	Germany	558	(a)	F.	60-60-60	.34- .38- —
1889	Canada	471	(a)	F.	53-53-53	.78- .78- .78
1890	N. Y	333	1551	M.	(a)	.60-2.50-1.38
1890	C. of G'd H.	486	(a)	M.	(a)	.61- .61- .61
1890	Netherl'ds	666	(a)	M.	63-63-63	.15- .15- .15
1891	Mich	283	128	F.	(a)	.74-1.50-1.06
1891	N. Y	333	1521	M.	(a)	.60-2.50-1.40
1892	Ill	210	21	F.	52-52-52	.50-1.62-1.12
1892	C. of G'd H.	486	(a)	M.	(a)	.81- .81- .81
1892	Russia	692	(a)	(a)	(a)	.20-1.00- —
1893	Ill	10	1	M.	54-54-54	.83- .83- .83
1893	Ill	10	1	F.	54-54-54	1.50-1.50-1.50
1893	N. J	327	18	F.	58-58-58	.33-1.50- .83
1893	Ohio	374	157	M.	45-60-55	.50-1.75-1.42
1893	Ohio	374	330	F.	i45-60-54	.25-1.75-1.14
1893	Pa	10	1	F.	48-48-48	1.33-1.33-1.33
1894	Iowa	236	1	M.	60-60-60	1.67-1.67-1.67
1894	Iowa	236	3	F.	54-60-58	.67-1.75-1.25
1894	N. Y	8	1	M.	60-60-60	1.00-1.00-1.00
1894	N. Y	8	1	F.	60-60-60	1.25-1.25-1.25
1894	Ohio	375	271	M.	j42-60-54	.40-1.65-1.45
1894	Ohio	375	424	F.	k42-60-55	.40-1.50-1.18
1895	La	7	28	F.	55-55-55	.60-1.13- .82
1895	N. J	7	12	F.	56-56-56	.63-1.39-1.07
1895	N. Y	7	10	F.	48-48-48	.66- .90- .77
1895	Ohio	376	241	M.	l48-60-54	1.00-1.75-1.51
1895	Ohio	376	405	F.	n48-60-55	.60-1.50-1.21
1895	Va	7	29	F.	54-54-54	.79-1.00- .89
1896	Ill	7	2	F.	48-48-48	2.21-2.25-2.23
1896	Iowa	7	46	F.	48-58-54	.43-1.58- .99
1896	Ohio	7	25	M.	45-45-45	1.21-1.73-1.52
1896	Ohio	7	35	F.	45-45-45	.78-1.33- .97
1896	Ohio	377	201	M.	51-60-52	1.49-1.65-1.52
1896	Ohio	377	439	F.	53-60-55	.60-1.30-1.13
1896	Pa	7	44	M.	60-60-60	.98-2.45-1.71
1896	Pa	7	78	F.	52-54-53	.50-1.42- .83
1896	W. Va	7	6	F.	54-58-57	.58- .80- .64

BUNDLE CARRIERS, IRON AND STEEL.

Year	State or country	Report No.	Number	Sex	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1889	Belgium	5	(a)	M.	(a)	.14- .69- —

a Not reported.
b And board.
c 36-108-93 hours; not including hours of 1 person not reported.
d Not including hours of 7 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 6 persons not reported.
g Not including hours of 1 person not reported.
h Per 1,000.
i Not including hours of 12 persons not reported.
j Not including hours of 35 persons not reported.
k Not including hours of 24 persons not reported.
l Not including hours of 49 persons not reported.
n Not including hours of 147 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUNDLERS, BROOMS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 N. Y.	8	2 M.	60-60-60	1.13-1.13-1.13	1893 Ohio	374	34 M.	60-60-60	0.75-2.00-1.95
1875 N. Y.	8	2 M.	60-60-60	1.13-1.13-1.13	1894 Ga	8	7 M.	60-60-60	.40- .65- .51
1881 N. Y.	8	5 M.	54-60-56	.75-2.00-1.55	1894 N. C	8	1 M.	60-60-60	.35- .35- .35
1884 Pa	7	2 M.	(a)	1.50-1.50-1.50	1894 Ohio	375	44 M.	48-60-59	.85-2.50-1.94
1885 N. J	324	1 M.	60-60-60	1.33-1.33-1.33	1895 N. Y.	8	8 M.	60-60-60	.75-1.50-1.34
1885 N. Y.	1	23 M.	60-60-60	.83-1.37- .95	1895 N. C	8	1 M.	60-60-60	.40- .40- .40
1888 N. Y.	331	2 M.	59-59-59	1.00-1.33-1.17	1895 Ohio	376	65 M.	b 48-60-59	.85-2.00-1.88
1890 N. Y.	333	7 M.	(a)	1.50-2.00-1.79	1896 Ohio	377	2 M.	60-60-60	1.00-1.25-1.13
1891 N. Y.	333	5 M.	(a)	1.33-2.00-1.67	1896 Pa	7	2 M.	(a)	1.50-1.50-1.50

BUNDLERS, CLOTHING.

1885 Md	7	2 M.	60-60-60	.67- .83- .75	1896 Ala	7	4 M.	63-63-63	.50- .50- .50
1895 Ill	8	1 M.	54-54-54	1.25-1.25-1.25	1896 Md	7	5 M.	60-60-60	.67-1.00- .80
1895 N. Y.	8	1 M.	60-60-60	.50- .50- .50	1896 Nebr	314	2 F.	57-57-57	.58-1.00- .79
1895 N. Y.	341	1 M.	60-60-60	.58- .58- .58	1896 Ohio	377	3 M.	54-54-54	1.50-1.50-1.50
1895 Ohio	376	3 M.	54-54-54	1.50-1.50-1.50					

BUNDLERS, CURLED HAIR AND BRISTLES.

1886 Md	3	4 F.	60-60-60	.54- .58- .57					

BUNDLERS' HELPERS, IRON AND STEEL.

1884 Aust-Hun	178	(a) M.	60-60-60	.22- .29- —	1898 Pa	18	36 M.	(a)	1.00-2.00-1.54
1885 Ky	1	1 M.	60-60-60	1.25-1.25-1.25	1899 Pa	18	38 M.	(a)	1.50-1.85-1.70

BUNDLERS, IRON AND STEEL.

1849 N. Y.	190	3 M.	60-60-60	.50- .75- .63	1885 Del	1	1 M.	60-60-60	1.70-1.70-1.70
1857 N. Y.	190	5 M.	60-60-60	.75-1.25-1.03	1885 Ky	1	1 M.	60-60-60	3.00-3.00-3.00
1859 N. Y.	190	4 M.	60-60-60	.63-1.00- .81	1885 N. Y.	1	5 M.	60-60-60	1.55-1.80-1.70
1860 N. Y.	190	2 M.	60-60-60	.88-1.00- .94	1885 N. Y.	190	1 M.	60-60-60	1.38-1.38-1.38
1862 N. Y.	190	5 M.	60-60-60	.50-1.00- .83	1885 Ohio	1	87 M.	60-72-61	1.18-1.53-1.26
1864 N. Y.	190	7 M.	60-60-60	1.13-2.50-1.63	1886 R. I	3	1 F.	60-60-60	1.67-1.67-1.67
1865 N. Y.	190	2 M.	60-60-60	1.38-1.38-1.38	1887 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1866 N. Y.	190	4 M.	60-60-60	1.38-1.38-1.38	1888 N. J	326	1 M.	(a)	2.50-2.50-2.50
1866 England	566	(a) M.	(a)	1.22-1.22-1.22	1888 N. Y.	331	23 M.	58-60-59	1.17-2.50-1.42
1867 N. Y.	190	3 M.	60-60-60	.63-1.38- .88	1888 Tenn.	5	1 M.	(a)	1.25-1.25-1.25
1868 N. Y.	190	3 M.	60-60-60	1.38-1.38-1.38	1888 England	5	(a) M.	(a)	1.42-1.42-1.42
1869 N. Y.	190	6 M.	60-60-60	1.00-1.38-1.25	1888 England	5	(a) F.	(a)	.24- .24- .24
1870 N. Y.	190	3 M.	60-60-60	1.25-2.00-1.58	1889 Del	5	4 M.	60-60-60	1.24-1.44-1.34
1872 N. Y.	190	3 M.	60-60-60	1.38-1.50-1.46	1889 N. Y.	5	6 M.	60-60-60	1.25-1.63-1.31
1873 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50	1889 Ohio	5	64 M.	60-60-60	1.45-1.75-1.46
1874 N. Y.	190	3 M.	60-60-60	1.38-1.62-1.46	1889 Pa	5	6 M.	b 60-60-60	1.50-1.85-1.76
1874 Pa	380	4 M.	(a)	1.75-2.00-1.88	1889 France	5	(a) M.	c 72-72-72	.24- .74- —
1876 Pa	381	29 M.	(a)	1.30-2.00-1.60	1889 Germany	5	(a) M.	(a)	.13- .69- —
1877 N. Y.	190	2 M.	60-60-60	.63-1.25- .94	1890 Ala	5	2 M.	55-55-55	2.50-2.50-2.50
1878 N. Y.	190	1 M.	60-60-60	.63- .63- .63	1890 N. Y.	333	1 M.	(a)	1.50-1.50-1.50
1878 Pa	383	26 M.	48-60-51	1.25-1.60-1.53	1891 N. Y.	190	3 M.	60-60-60	1.50-1.50-1.50
1879 N. Y.	190	2 M.	60-60-60	.88-1.00- .94	1891 N. Y.	333	1 M.	(a)	1.50-1.50-1.50
1880 N. Y.	190	2 M.	60-60-60	1.00-1.13-1.07	1892 Ohio	373	26 (a)	48-60-52	1.50-3.00-1.72
1880 England	571	(a) M.	55-55-55	1.01-1.01-1.01	1894 N. C	8	2 M.	60-60-60	.50- .50- .50
1881 N. Y.	190	6 M.	60-60-60	.75-1.50-1.17	1895 Ohio	376	70 M.	48-72-59	.50-2.00-1.40
1882 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50	1897 Ohio	377	102 (a)	48-72-60	.75-2.25-1.39
1883 N. J	322	3 M.	60-60-60	1.50-1.50-1.50	1898 Ohio	18	32 M.	(a)	1.25-1.67-1.36
1883 N. Y.	190	6 M.	60-60-60	1.25-2.00-1.44	1898 Pa	18	85 M.	(a)	1.15-2.11-1.58
1884 N. J	323	5 M.	54-72-61	1.33-3.43-2.15	1899 Ohio	18	34 M.	(a)	1.38-1.72-1.54
1884 N. Y.	190	1 M.	60-60-60	1.50-1.50-1.50	1899 Pa	18	95 M.	(a)	1.40-2.35-1.87
1884 Aust-Hun	178	(a) M.	60-60-60	.40- .61- —					

a Not reported.
b Not including hours of 3 persons not reported.
c Applies to but 4 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUNDLERS, KINDLING WOOD.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	N. Y.	2	15	M.	60-60-60	1.25-1.25-1.25
1884	Pa	2	100	(a)	60-60-60	.65- .75- .70
1885	N. Y.	2	78	M.	59-59-59	1.39-1.50-1.43
1885	Pa	7	45	M.	b 60-60-60	.23-1.41- .68
1885	Pa	7	80	F.	c 60-60-60	.18-1.26- .67
1886	N. Y.	2	355	M.	59-60-59	1.10-1.48-1.32
1888	N. Y.	331	7	M.	58-58-58	2.00-2.00-2.00
1890	N. Y.	333	80	M.	(a)	1.25-1.25-1.25
1891	N. Y.	333	73	M.	(a)	1.25-1.25-1.25
1895	Pa	7	26	M.	60-60-60	.20- .92- .59
1895	Pa	7	18	F.	60-60-60	.20- .75- .45
1896	Pa	7	31	M.	60-60-60	.56-1.60- .95
1896	Pa	7	32	F.	60-60-60	.39-1.37- .82

BUNDLERS, LATH.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1876	Pa	382	4	M.	(a)	1.25-1.25-1.25
1891	Wis	411	6	M.	(a)	1.04-1.42-1.17
1893	Ohio	374	2	M.	60-60-60	1.35-1.35-1.35
1893	Wis	412	6	M.	(a)	1.04-1.42-1.17
1894	Ohio	375	1	M.	(a)	1.25-1.25-1.25

BUNDLERS, LEATHER.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1866	Mass	8	1	M.	60-60-60	1.25-1.25-1.25
1896	Mass	8	4	M.	60-60-60	1.00-1.75-1.31

BUNDLERS, PAPER PRODUCTS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	N. J	7	1	M.	65-65-65	1.83-1.83-1.83
1891	France	505	(a)	F.	60-60-60	d .48- .77- —
1895	N. J	7	1	M.	59-59-59	1.83-1.83-1.83
1895	N. Y.	8	2	M.	60-60-60	2.50-2.50-2.50
1896	Pa	8	3	M.	60-60-60	.67- .83- .72
1897	N. Y.	8	2	M.	60-60-60	1.00-1.00-1.00
1897	Pa	8	1	M.	60-60-60	1.25-1.25-1.25

BUNDLERS, SHINGLES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1876	Pa	381	1	M.	(a)	1.00-1.00-1.00
1879	Pa	384	3	(a)	(a)	.50-1.00- .83
1883	Mich	277	72	M.	(a)	2.00-3.00-2.55
1884	Mich	278	62	M.	(a)	.70-2.75-1.90
1885	Mich	2	20	M.	66-66-66	1.25-1.25-1.25
1885	Mich	279	75	M.	66-66-66	.50-3.00-1.97
1886	Mich	2	5	M.	60-60-60	1.25-1.25-1.25
1887	Wis	409	118	M.	(a)	1.37-2.70-1.50
1888	N. Y.	331	6	M.	60-60-60	.67- .67- .67
1890	N. Y.	333	2	M.	(a)	.88- .88- .88
1891	N. Y.	333	2	M.	(a)	.95- .95- .95
1895	Mo	304	1	M.	(a)	1.68-1.68-1.68
1895	N. C	8	3	M.	60-60-60	.60- .60- .60
1898	Wash	405	246	(a)	(a)	1.80-2.75-2.31

BUNDLERS, TEXTILES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1863	Scotland	565	(a)	(a)	(a)	.81- .81- .81
1871	England	629	(a)	(a)	60-60-60	.73- .81- —
1871	Scotland	629	(a)	(a)	60-60-60	.45- .45- .45
1882	Br. India	459	(a)	(a)	(a)	.09- .11- —
1882	Germany	33	(a)	F.	69-69-69	.36- .36- .36
1883	N. J	322	30	M.	60-60-60	1.50-2.00-1.83
1883	Tenn	7	2	M.	66-66-66	.90-1.00- .95
1883	Br. India	459	(a)	(a)	(a)	.08- .09- —
1884	Br. India	459	(a)	(a)	(a)	.08- .09- —
1884	Russia	178	(a)	M.	63-63-63	.59- .94- —
1885	N. J	324	1	M.	60-60-60	1.25-1.25-1.25
1885	N. Y.	1	3	M.	60-66-64	.87-2.33-1.73
1885	N. Y.	7	6	M.	60-60-60	1.88-2.20-2.02
1885	Belgium	1	(a)	M.	75-75-75	.66- .66- .66
1885	Br. India	459	(a)	(a)	(a)	.07- .07- .07
1886	R. I	3	1	F.	60-60-60	.67- .67- .67
1886	Br. India	459	(a)	(a)	(a)	.11- .11- .11
1886	Ireland	600	(a)	M.	57-57-57	.32- .32- .32
1886	Ireland	600	(a)	F.	57-57-57	.34- .34- .34
1886	Scotland	601	(a)	M.	56-56-56	.68- .93- —
1887	Ga	3	1	F.	65-65-65	.50- .50- .50
1887	N. Y.	3	2	F.	59-60-60	1.00-1.00-1.00
1887	Br. India	459	(a)	(a)	(a)	.08- .12- —
1888	Br. India	459	(a)	(a)	(a)	.07½- .14- —
1888	England	6	(a)	M.	(a)	.87-1.08- —
1889	R. I	398	4	F.	60-60-60	1.67-2.00-1.83
1889	Br. India	459	(a)	(a)	(a)	.13- .13- .13
1890	Br. India	459	(a)	(a)	(a)	.17- .17- .17
1890	Ireland	99	(a)	M.	57-57-57	.69- .69- .69
1891	Br. India	459	(a)	(a)	(a)	.18- .18- .18
1892	France	505	(a)	M.	72-72-72	.68- .68- .68
1892	France	505	(a)	F.	60-60-60	.24- .43- —
1893	Br. India	459	(a)	(a)	(a)	.13- .13- .13
1894	Br. India	459	(a)	(a)	(a)	.05- .05- .05
1895	Conn	7	1	M.	60-60-60	.83- .83- .83
1895	N. Y.	7	8	M.	60-60-60	1.87-2.23-2.04

a Not reported.
b Not including hours of 15 persons not reported.
c Not including hours of 31 persons not reported.
d And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUNDLERS, TEXTILES—Concluded.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1895	N. Y.	8	7	M.	54-60-58	0.67-2.33-1.61
1895	Pa	8	1	F.	60-60-60	1.00-1.00-1.00
1895	Tenn.	7	5	M.	66-66-66	.50-1.00- .72
1895	Br. India	459	(a)	(a)	(a)	.05- .05- .05
1896	Pa	7	6	M.	54-60-58	1.00-1.35-1.15
1896	Pa	7	2	F.	60-60-60	.60- .60- .60
1896	Pa	8	2	M.	60-60-60	0.67-0.67-0.67
1896	R. I	7	1	M.	60-60-60	1.00-1.00-1.00
1896	R. I	7	3	F.	60-60-60	.83-1.00- .89
1896	Br. India	459	(a)	(a)	(a)	.05- .05- .05
1897	N. C	8	3	F.	75-75-75	.60- .60- .60
1897	Pa	8	2	M.	60-60-60	1.25-1.25-1.25

BUNDLERS, TIN PLATE.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1891	N. Y.	333	1	M.	(a)	1.33-1.33-1.33
1894	France	130	(a)	M.	(a)	.68- .68- .68
1895	Ohio	376	28	M.	48-60-57	1.15-2.00-1.53
1896	Pa	394	4	M.	60-60-60	1.09-1.60-1.31

BUNDLE WRAPPERS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1880	Ga	7	2	M.	b 75-75-75	.33- .42- .38
1880	Ky	7	3	M.	(a)	.67- .67- .67
1880	Pa	7	2	M.	57-57-57	.50- .50- .50
1882	Ky	7	1	M.	57-57-57	.25- .25- .25
1882	N. C	7	1	M.	57-57-57	.50- .50- .50
1882	Ohio	7	2	F.	54-54-54	.83- .83- .83
1882	Pa	7	2	M.	57-57-57	.58- .67- .63
1882	W. Va	7	1	M.	57-57-57	1.00-1.00-1.00
1883	Ga	7	1	M.	(a)	.42- .42- .42
1884	Fla	7	2	M.	63-63-63	1.33-1.33-1.33
1884	Ga	7	3	M.	b 60-60-60	.33- .50- .42
1884	Ky	7	4	M.	54-54-54	.58- .58- .58
1884	Pa	3	1	F.	(a)	.33- .33- .33
1884	Pa	7	6	M.	56-57-57	.58- .75- .68
1884	W. Va	7	4	M.	57-72-67	.50-1.00- .88
1885	Ga	7	6	M.	b 60-62-61	.33- .50- .42
1885	La	7	6	M.	(a)	.42- .50- .44
1885	Me	7	4	M.	57-57-57	.25- .42- .33
1885	Md	7	6	F.	(a)	.33- .50- .40
1885	N. Y.	7	2	M.	57-57-57	.33- .33- .33
1885	Pa	3	1	F.	(a)	.33- .33- .33
1886	Ill.	7	28	M.	54-54-54	.58-1.00- .86
1886	Ill.	7	7	F.	(a)	.83-1.00- .90
1886	Iowa	7	1	M.	60-60-60	1.67-1.67-1.67
1886	Md.	3	4	F.	54-54-54	.50- .67- .63
1886	Mo	3	1	F.	65-65-65	.83- .83- .83
1886	N. J	3	1	F.	(a)	.33- .33- .33
1886	N. Y.	3	3	F.	49-66-60	.42- .83- .58
1886	Pa	3	2	F.	57-57-57	.25- .33- .29
1886	Pa	7	17	M.	59-63-63	.42- .83- .59
1886	Pa	7	2	F.	(a)	.83- .83- .83
1886	W. Va	7	1	M.	59-59-59	1.25-1.25-1.25
1887	Ill.	3	1	F.	57-57-57	.50- .50- .50
1887	Mass	3	3	F.	47-56-50	.33- .75- .56
1887	Mass	3	1	F.	58-58-58	c .33- .33- .33
1887	Ohio	3	1	F.	57-57-57	.50- .50- .50
1888	Ga	3	1	F.	60-60-60	.42- .42- .42
1888	Ind	3	2	F.	b 60-60-60	.40- .75- .58
1890	N. Y.	333	1	M.	(a)	.50- .50- .50
1891	Mich.	283	9	F.	(a)	.42- .53- .52
1891	N. Y.	333	1	M.	(a)	.50- .50- .50
1891	Ohio	372	1	F.	60-60-60	.75- .75- .75
1892	Cal.	196	1	F.	57-57-57	.67- .67- .67
1893	Ill.	10	1	M.	54-54-54	.50- .50- .50
1893	N. Y.	10	1	M.	60-60-60	.83- .83- .83
1893	Pa	10	1	M.	60-60-60	.83- .83- .83
1893	Pa	10	1	F.	60-60-60	1.33-1.33-1.33
1894	Ind	228	3	F.	59-61-59	.33- .42- .39
1895	Ga	7	6	M.	54-60-58	.33- .42- .39
1895	La.	7	11	M.	60-60-60	.33- .50- .45
1895	Me	7	10	M.	57-57-57	.28- .67- .37
1895	Md	7	4	F.	60-60-60	.33- .42- .38
1895	Mo	7	2	M.	71-71-71	.50- .50- .50
1895	N. C	7	1	M.	54-54-54	.58- .58- .58
1895	N. C	8	1	M.	60-60-60	.50- .50- .50
1896	Fla.	7	4	M.	60-63-62	1.50-2.00-1.75
1896	Ga	7	11	M.	57-66-62	.33- .67- .48
1896	Ill.	7	45	M.	54-54-54	.50-1.00- .83
1896	Ill.	7	10	F.	60-60-60	.67-1.00- .83
1896	Iowa	7	4	M.	58-60-59	.42-1.67- .77
1896	Ky	7	7	M.	54-60-56	.25- .75- .65
1896	Md	7	8	M.	51-51-51	.33- .50- .40
1896	N. Y.	7	7	M.	57-57-57	.67-1.00- .95
1896	Ohio	7	2	F.	54-54-54	.83- .83- .83
1896	Pa.	7	70	M.	56-60-59	.42-1.00- .70
1896	Pa.	7	2	F.	54-54-54	1.00-1.17-1.09
1896	W. Va	7	13	M.	54-65-58	.67-1.67-1.29

BURLERS, TEXTILES.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1833	England	624	(a)	(a)	d 70-70-70	.20- .32- —
1836	Belgium	610	(a)	F.	(a)	.14- .14- .14
1839	England	563	(a)	F.	65-65-65	.28- .28- .28
1846	Belgium	610	(a)	F.	(a)	.14- .14- .14
1849	England	563	(a)	F.	60-60-60	.30- .30- .30
1850	R. I	190	3	F.	84-84-84	.50- .50- .50
1851	R. I	190	3	F.	84-84-84	.50- .50- .50
1852	R. I	190	3	F.	84-84-84	.50- .50- .50
1853	R. I	190	3	F.	84-84-84	.50- .50- .50
1854	R. I	190	3	F.	84-84-84	.50- .50- .50
1855	R. I	190	3	F.	84-84-84	.50- .50- .50
1856	R. I	190	3	F.	84-84-84	.50- .50- .50
1856	Belgium	610	(a)	F.	(a)	.16- .16- .16
1857	R. I	190	3	F.	84-84-84	.50- .50- .50
1858	R. I	190	3	F.	84-84-84	.54- .54- .54
1858	England	562	(a)	F.	(a)	.20- .28- —
1859	Me	7	1	M.	(a)	.48- .48- .48
1859	Me	7	1	F.	(a)	.54- .54- .54

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BURLERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1859 R. I	190	3 F.	84-84-84	0.54-0.54-0.54
1859 England	563	(a) F.	60-60-60	.36- .36- .36
1860 R. I	190	4 F.	78-78-78	.54- .54- .54
1860 England	563	(a) F.	(a)	.21- .28- —
1861 Conn	190	2 F.	72-72-72	.50- .50- .50
1861 Mass	190	9 F.	78-78-78	.43- .43- .43
1861 R. I	190	5 F.	78-78-78	.54- .54- .54
1862 Mass	190	3 M.	78-78-78	.50- .58- .53
1862 Mass	190	17 F.	78-78-78	.43- .43- .43
1862 R. I	190	6 F.	78-78-78	.54- .54- .54
1863 Mass	190	1 M.	78-78-78	.50- .50- .50
1863 Mass	190	37 F.	78-78-78	.42- .58- .45
1863 R. I	190	7 F.	78-78-78	.54- .54- .54
1863 Belgium	610	(a) F.	(a)	.26- .26- .26
1864 Conn	190	4 F.	72-72-72	.66- .66- .66
1864 Mass	190	30 F.	78-78-78	.46- .67- .48
1864 R. I	190	9 F.	78-78-78	.54- .54- .54
1865 Conn	190	5 F.	66-66-66	.85- .85- .85
1865 R. I	190	14 F.	78-78-78	.58- .58- .58
1866 Conn	190	3 F.	66-66-66	.83- .83- .83
1866 R. I	190	16 F.	78-78-78	.67- .67- .67
1866 England	566	(a) M.	b 60-60-60	.36- .41- —
1866 England	566	(a) F.	c 54-60 —	.28- .41- —
1867 Conn	190	4 F.	66-66-66	.92- .92- .92
1867 N. H	7	2 F.	66-66-66	.71- .71- .71
1867 R. I	190	16 F.	78-78-78	.71- .71- .71
1868 Conn	190	5 F.	66-66-66	.82- .82- .82
1868 Pa	7	1 F.	62-62-62	.50- .50- .50
1868 R. I	190	16 F.	72-72-72	.71- .71- .71
(d) England	567	(a) M.	60-60-60	.36- .41- —
(d) England	567	(a) F.	e 54-60 —	.28- .41- —
(d) Ireland	567	(a) F.	63-63-63	.34- .34- .34
1868 Italy	185	(a) F.	(a)	.18- .18- .18
1869 Conn	190	5 F.	66-66-66	.82- .82- .82
1869 R. I	190	16 F.	72-72-72	.80- .80- .80
1870 Conn	190	2 F.	66-66-66	.84- .84- .84
1870 Pa	7	1 F.	64-64-64	.75- .75- .75
1870 R. I	190	18 F.	72-72-72	.75- .83- .82
1870 Aust-Hun	33	(a) F.	(a)	.19- .19- .19
1870 Belgium	33	(a) F.	(a)	.31- .31- .31
1870 England	33	(a) F.	(a)	.40- .40- .40
1870 France	33	(a) F.	(a)	.39- .39- .39
1870 Germany	33	(a) F.	(a)	.19- .24- —
1870 Norway	610	(a) M.	(a)	.36- .36- .36
1871 Conn	190	2 F.	66-66-66	.83- .83- .83
1871 R. I	190	19 F.	72-72-72	.75- .83- .81
1871 England	568	(a) F.	59-59-59	.45- .49- —
1871 England	629	(a) F.	60-60-60	.20- .49- —
1871 Norway	185	(a) (a)	(a)	.37- .37- .37
1871 Scotland	629	(a) F.	60-60-60	.49- .49- .49
1872 Conn	190	3 F.	66-66-66	.83- .83- .83
1872 R. I	190	21 F.	72-72-72	.75- .83- .81
1872 Aust-Hun	185	(a) (a)	(a)	.19- .28- —
1872 England	185	(a) M.	(a)	.53- .53- .53
1872 England	185	(a) F.	59-60 —	.44- .49- —
1872 England	185	(a) (a)	54-59 —	.32- .44- —
1872 Germany	185	(a) M.	66-66-66	.32- .36- —
1872 Germany	185	(a) F.	60-66 —	.32- .54- —
1872 Germany	185	(a) (a)	(a)	.48- .48- .48
1873 Conn	190	2 F.	66-66-66	.83- .83- .83
1873 Pa	379	3 F.	(a)	1.00-1.00-1.00
1873 R. I	190	20 F.	72-72-72	.75- .83- .81
1873 England	185	(a) F.	(a)	.36- .36- .36
1874 Pa	7	1 F.	62-62-62	.37- .37- .37
1874 R. I	190	23 F.	72-72-72	.64- .75- .74
1874 England	569	(a) M.	57-57-57	.53- .53- .53
1874 England	569	(a) F.	44-60 —	.32- .53- —
1875 Mass	270	1 M.	(a)	.80- .80- .80
1875 Mass	270	9 F.	(a)	0.95-1.07-0.98
1875 R. I	190	22 F.	72-72-72	.67- .83- .80
1876 Pa	381	10 M.	(a)	.46- .65- .52
1876 Pa	381	17 F.	(a)	.41- .95- .58
1876 Pa	382	6 M.	(a)	.46- .46- .46
1876 Pa	382	1 F.	(a)	.83- .83- .83
1876 R. I	190	22 F.	72-72-72	.67- .83- .80
1877 R. I	190	22 F.	72-72-72	.67- .83- .78
1877 England	570	(a) F.	54-57 —	.41- .49- —
1877 Scotland	570	(a) M.	(a)	.61- .61- .61
1877 Scotland	570	(a) F.	(a)	.24- .65- —
1878 Pa	383	3 M.	60-60-60	.50- .80- .60
1878 Pa	383	12 F.	f 60-60-60	.70- .83- .76
1878 R. I	190	22 F.	72-72-72	.67- .83- .78
1878 England	177	(a) M.	54-54-54	.32- .40- —
1879 Pa	384	7 M.	60-60-60	.60-1.38- .91
1879 R. I	190	22 F.	72-72-72	.67- .83- .78
1880 Conn	190	15 F.	66-66-66	.75- .75- .75
1880 R. I	190	19 F.	72-72-72	.65- .75- .71
1880 England	571	(a) M.	54-56 —	.49- .89- —
1880 England	571	(a) F.	50-57 —	.28- .45- —
1881 Conn	190	10 F.	66-66-66	.90- .90- .90
1881 R. I	190	19 F.	72-72-72	.65- .75- .71
1881 Australia	34	(a) F.	60-60-60	.71- .71- .71
1881 Australia	34	(a) (a)	60-60-60	.61- .61- .61
1882 Conn	190	23 F.	66-66-66	.82- .82- .82
1882 R. I	190	19 F.	72-72-72	.65- .75- .71
1882 Belgium	36	(a) F.	70-70-70	.50- .50- .50
1882 Canada	33	(a) (a)	60-60-60	.50- .50- .50
1883 Conn	190	20 F.	66-66-66	.82- .82- .82
1883 Mass	273	14 M.	(a)	1.14-1.28-1.16
1883 Mass	273	122 F.	(a)	.80-1.00- .94
1883 Mass	273	62 (a)	(a)	.75- .75- .75
1883 R. I	190	19 F.	72-72-72	.65- .75- .71
1883 England	572	(a) F.	54-57 —	.20- .53- —
1883 Gr't Brit	273	(a) F.	(a)	.41- .51- —
1884 Conn	190	18 F.	66-66-66	.82- .82- .82
1884 Ky	7	4 F.	66-66-66	.70- .70- .70
1884 Mass	7	3 F.	60-60-60	.90- .90- .90
1884 R. I	190	19 F.	72-72-72	.65- .75- .72
1884 Aust-Hun	178	(a) F.	66-66-66	.30- .37- —
1884 Belgium	178	(a) F.	72-72-72	.42- .52- —
1884 Canada	466	(a) F.	59-63 —	.58- .61- —
1884 Germany	178	(a) M.	60-60-60	.24- .24- .24
1884 Italy	178	(a) (a)	(a)	.15- .19- —
1884 Scotland	178	(a) M.	57-57-57	.49- .61- —
1884 Scotland	178	(a) (a)	57-57-57	.49- .81- —
1885 Conn	1	13 F.	66-69-67	.60- .90- .69
1885 Conn	190	12 F.	66-66-66	.82- .82- .82
1885 Del	1	25 F.	60-60-60	.58- .66- .61
1885 Ind	1	2 F.	66-66-66	.75- .75- .75
1885 Me	7	10 F.	60-66-63	.75-1.00- .88
1885 Md	1	4 F.	66-66-66	.90- .90- .90
1885 Mass	1	4 F.	60-60-60	1.05-1.25-1.15
1885 Mass	7	15 F.	60-60-60	.61- .80- .70
1885 N. H	1	30 F.	66-66-66	.90- .90- .90
1885 N. H	7	4 F.	60-60-60	.60- .60- .60
1885 N. J	7	8 F.	(a)	.50- .50- .50
1885 N. Y	1	85 F.	66-66-66	.62- .70- .68
1885 N. Y	7	1 M	60-60-60	.75- .75- .75
1885 N. C	1	1 F.	69-69-69	.50- .50- .50
1885 Pa	1	105 M.	60-60-60	1.17-1.17-1.17
1885 Pa	1	129 F.	60-60-60	.83-1.00- .97
1885 Pa	7	7 F.	g 60-60-60	.45-1.58- .83
1885 R. I	190	19 F.	72-72-72	.65- .75- .72
1885 Tenn	7	12 F.	66-67-67	.35- .50- .43
1885 Vt	1	173 F.	66-66-66	.59- .59- .59
1885 Vt	7	1 M.	60-60-60	1.35-1.35-1.35

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Applies to but 5 of the 7 wage quotations.
d Average for 1867–68.
e Applies to but 7 of the 9 wage quotations.
f Not including hours of 4 persons not reported.
g Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BURLERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Vt	7	18 F.	60-60-60	0.58-1.43-0.81
1885 Canada	467	(a) F.	61-61-61	.66- .66- .66
1885 Gr't Brit	1	(a) M.	60-60-60	.44- .44- .44
1886 Conn	2	30 F.	66-66-66	.66- .66- .66
1886 Conn	190	22 F.	66-66-66	.82- .82- .82
1886 Conn	201	1 M.	(a)	.75- .75- .75
1886 Iowa	7	1 F.	60-60-60	.80- .80- .80
1886 N. J	325	12 F.	60-60-60	.75-1.00- .92
1886 Pa	3	5 F.	66-63-61	.92-1.17-1.07
1886 Pa	7	1 M.	(a)	.83- .83- .83
1886 Pa	7	60 F.	b60-60-60	.54-1.25- .79
1886 R. I	3	12 F.	58-60-59	.83-1.50-1.13
1886 R. I	190	20 F.	60-60-60	.65- .75- .74
1886 Belgium	456	(a) F.	(a)	.34- .58- —
1886 Canada	468	(a) F.	59-59-59	.57- .57- .57
1886 England	600	(a) M.	57-57-57	.37- .37- .37
1886 England	600	(a) F.	57-57-57	.45- .63- —
1886 England	606	(a) F.	(a)	.33- .63- —
1886 Scotland	67	(a) F.	57-57-57	.57- .57- .57
1887 Cal	3	4 F.	64-64-64	1.00-1.00-1.00
1887 Conn	190	22 F.	60-60-60	.82- .82- .82
1887 Conn	202	11 F.	(a)	.94- .94- .94
1887 Ky	3	4 F.	60-61-60	.33-1.00- .55
1887 Pa	3	14 F.	60-64-60	.63-1.17- .89
1887 R. I	190	20 F.	60-60-60	.70- .75- .75
1888 Cal	194	4 F.	66-66-66	1.00-1.00-1.00
1888 Conn	6	12 F.	(a)	.95- .95- .95
1888 Conn	190	21 F.	60-60-60	.98- .98- .98
1888 Del	6	15 F.	(a)	.50- .67- .64
1888 N. J	6	1 M.	(a)	.84- .84- .84
1888 N. J	6	11 F.	(a)	.42- .67- .54
1888 N. Y	331	74 M.	c60-60-60	.63- .94- .71
1888 N. Y	331	12 F.	(a)	.60- .75- .65
1888 R. I	6	75 F.	d60-60-60	.70-1.13- .98
1888 R. I	190	20 F.	60-60-60	.75- .75- .75
1888 Canada	470	(a) F.	60-60-60	.50- .60- —
1889 Cal	6	13 M.	(a)	1.00-1.00-1.00
1889 Cal	6	13 F.	(a)	.90-1.25- .95
1889 Conn	6	20 M.	(a)	.63-1.50-1.04
1889 Conn	6	5 F.	60-60-60	.90- .90- .90
1889 Conn	190	20 F.	60-60-60	1.12-1.12-1.12
1889 Me	6	3 M.	e60-60-60	.60-1.00- .82
1889 Me	6	50 F.	f60-60-60	.60- .85- .77
1889 N. H	6	1 M.	60-60-60	.75- .75- .75
1889 N. H	6	5 F.	(a)	.85- .85- .85
1889 N. Y	6	1 M.	(a)	.71- .71- .71
1889 N. Y	6	227 F.	g60-60-60	.50-1.00- .65
1889 Pa	6	3 M.	(a)	.42- .42- .42
1889 Pa	6	3 F.	(a)	.50- .50- .50
1889 R. I	190	19 F.	60-60-60	.75- .75- .75
1889 R. I	398	54 F.	60-60-60	.67-1.33- .93
1889 Canada	471	(a) F.	60-60-60	.62- .62- .62
1889 France	6	(a) M.	(a)	.31- .37- —
1889 France	6	(a) F.	(a)	.18- .44- —
1889 Portugal	691	(a) M.	(a)	.07½-.35- —
1889 Portugal	691	(a) F.	(a)	.11- .35- —
1890 Conn	190	16 F.	60-60-60	1.14-1.14-1.14
1890 Me	6	1 M.	60-60-60	.88- .88- .88
1890 Me	6	16 F.	(a)	.70- .80- .74
1890 Mass	6	2 F.	(a)	.70- .75- .73
1890 Mo	6	21 F.	(a)	.50- .90- .72
1890 N. H	6	13 F.	60-60-60	0.90-0.90-0.90
1890 N. J	6	14 F.	b60-60-60	.55- .94- .65
1890 N. Y	6	4 F.	60-60-60	.65- .65- .65
1890 N. Y	333	97 M.	(a)	.50-1.38- .76
1890 N. Y	333	12 F.	(a)	.60- .60- .60
1890 R. I	6	36 F.	(a)	1.50-1.50-1.50
1890 R. I	190	19 F.	60-60-60	.75- .75- .75
1890 Aust-Hun	632	(a) F.	(a)	.25- .74- —
1890 England	632	(a) F.	(a)	.40- .40- .40
1891 Conn	190	16 F.	60-60-60	1.10-1.10-1.10
1891 Me	257	1 F.	60-60-60	1.20-1.20-1.20
1891 N. J	6	6 F.	60-60-60	.90- .90- .90
1891 N. Y	6	8 F.	60-60-60	.50- .50- .50
1891 N. Y	333	101 M.	(a)	.50-1.38- .76
1891 N. Y	333	22 F.	(a)	.60-1.10- .68
1891 R. I	190	20 F.	60-60-60	.75- .90- .76
1891 Belgium	457	(a) F.	63-63-63	.32- .32- .32
1892 Conn	190	11 F.	60-60-60	1.00-1.00-1.00
1892 Me	258	7 F.	60-60-60	.67-1.50-1.03
1892 R. I	190	22 F.	60-60-60	.75- .75- .75
1892 Australia	424	(a) (a)	(a)	.41- .49- —
1892 France	505	(a) M.	72-72-72	.48- .87- —
1892 France	505	(a) F.	66-72 —	.09½-.63- —
1892 France	505	(a) F.	66-66-66	h .34- .48- —
1893 Ohio	374	3 F.	60-60-60	.50- .50- .50
1893 R. I	20	36 F.	60-60-60	.75- .75- .75
1893 England	632	(a) (a)	(a)	.32- .32- .32
1893 Ireland	632	(a) F.	(a)	.24- .57- —
1893 Scotland	632	(a) F.	(a)	.36- .73- —
1894 Ind	228	6 (a)	62-62-62	.80- .80- .80
1894 N. Y	8	4 F.	60-60-60	.75- .85- .83
1894 Ohio	375	6 F.	60-60-60	.50- .50- .50
1894 R. I	20	18 F.	60-60-60	.67- .67- .67
1894 R. I	401	5 (a)	(a)	.90-1.00- .96
1895 Me	7	3 F.	60-60-60	.75- .75- .75
1895 Mass	7	37 F.	58-58-58	.55-1.35- .84
1895 N. H	7	15 F.	60-60-60	.67-1.00- .90
1895 N. J	7	14 F.	60-60-60	.50- .58- .52
1895 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00
1895 N. C	8	1 F.	66-66-66	.45- .45- .45
1895 Ohio	376	6 F.	60-60-60	.50- .50- .50
1895 Pa	7	1 F.	60-60-60	.67- .67- .67
1895 Pa	8	2 F.	60-60-60	1.15-1.17-1.16
1895 R. I	20	18 F.	60-60-60	.75- .75- .75
1895 Tenn	7	10 M.	65-65-65	.20- .35- .28
1895 Tenn	7	20 F.	66-67-67	.30- .50- .41
1895 Vt	7	4 F.	60-60-60	1.00-1.21-1.10
1895 England	591	(a) (a)	(a)	.57- .62- —
1896 Conn	8	14 F.	60-60-60	.90- .90- .90
1896 Ga	8	2 F.	66-66-66	.30- .30- .30
1896 Iowa	7	3 F.	60-60-60	.70- .70- .70
1896 Ky	7	4 F.	60-60-60	.67- .67- .67
1896 Minn	7	4 F.	60-60-60	1.08-1.15-1.13
1896 Ohio	377	6 F.	60-60-60	.50- .50- .50
1896 Pa	7	4 M.	60-60-60	.44-1.00- .58
1896 Pa	7	124 F.	51-60-60	.44-1.56- .86
1896 France	505	(a) F.	60-63 —	.32- .53- —
1897 Australia	428	(a) F.	(a)	.49- .71- —
1897 Italy	641	(a) F.	(a)	.29- .29- .29
1898 Australia	429	(a) F.	(a)	.49- .71- —

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 68 persons not reported.
d Not including hours of 45 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 33 persons not reported.
g Not including hours of 178 persons not reported.
h And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BURNERS, BRICK, TILE, AND SEWER PIPE.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1839	England ..	562	(a) M.	70-70-70	1.70-1.70-1.70
1849	England ..	562	(a) M.	70-70-70	1.70-1.70-1.70
1859	England ..	562	(a) M.	70-70-70	2.03-2.03-2.03
1871	Italy	610	(a) M.	60-60-60	.58- .97- —
1874	Pa	380	1 M.	(a)	2.25-2.25-2.25
1876	Pa	381	4 M.	(a)	1.48-1.48-1.48
1878	Ohio	360	2 M.	72-72-72	1.15-2.33-1.74
1882	Mo	294	4 M.	60-72-66	1.75-4.00-2.50
1882	Ohio	364	24 (a)	b60-60-60	1.40-2.31-1.57
1883	Mass	273	7 M.	(a)	1.67-5.00-3.69
1883	Gr't Brit ..	273	(a) M.	(a)	1.22-1.22-1.22
1884	Mich	278	4 M.	(a)	1.55-3.00-2.64
1884	England ..	178	(a) M.	72-72-72	1.09-1.22- —
1884	Germany..	178	(a) M.	(a)	.38- .38- .38
1884	Italy	178	(a) M.	(a)	.29- .77- —
1885	Iowa	231	69 M.	63-63-63	1.58-1.58-1.58
1885	N. H.....	1	2 M.	60-60-60	4.23-4.23-4.23
1885	N. J	1	5 M.	60-60-60	1.50-3.25-2.20
1886	Argentina.	57	(a) M.	(a)	.80-2.00- —
1887	Ohio	369	22 M.	60-60-60	1.25-2.00-1.85
1887	Wis	409	53 M.	(a)	1.55-1.55-1.55
1888	Mich.....	280	1 M.	72-72-72	1.75-1.75-1.75
1888	N. Y.....	331	19 M.	60-72-68	1.40-2.13-1.94
1888	Canada ...	470	(a) M.	71-71-71	1.89-1.89-1.89
1890	N. Y.....	333	42 M.	(a)	1.63-3.50-2.11
1890	Australia .	423	(a) (a)	48-48-48	1.83-1.83-1.83
1890	Netherl'ds	666	(a) M.	(a)	.54- .67- —
1890	Netherl'ds	666	(a) M.	(a)	c .06- .06- .06
1891	Me	257	1 M.	66-66-66	1.50-1.50-1.50
1891	N. Y.....	333	45 M.	(a)	1.63-4.00-2.16
1892	Ind	227	1 M.	60-60-60	4.00-4.00-4.00
1892	Australia .	424	(a) M.	(a)	1.95-2.55- —
1892	England ..	111	(a) (a)	(a)	1.22-1.22-1.22
1892	France....	505	(a) M.	d57-72 —	.48-1.06- —
1892	France....	505	(a) M.	60-60-60	e.77- .87- —
1892	France....	505	(a) M.	66-66-66	f1.93-1.93-1.93
1892	France....	505	(a) M	60-60-60	g.87- .97- —
1892	Russia	692	(a) (a)	(a)	.24- .80- —
1893	Ohio	374	96 M.	h48-72-61	1.00-3.00-2.00
1894	Ohio	375	164 M.	66-66-66	1.88-1.88-1.88
1894	W. Va	406	1 M.	66-66-66	2.00-2.00-2.00
1894	Australia .	425	(a) (a)	(a)	1.95-2.84- —
1895	Ohio	376	10 M.	60-72-70	1.75-3.50-2.19
1895	Australia .	426	(a) (a)	(a)	1.95-2.84- —
1896	Nebr	314	5 (a)	i60-60-60	1.80-2.50-2.12
1896	Ohio	377	10 M.	69-72-70	1.75-1.77-1.77
1896	Australia .	427	(a) (a)	(a)	1.95-2.84- —
1896	France....	510	(a) (a)	66-66-66	.53- .68- —
1897	Nebr	314	4 M.	(a)	1.80-3.50-2.65
1897	Australia..	428	(a) (a)	(a)	1.62-2.84- —
1897	Aust-Hun .	437	(a) (a)	84-96 —	.80-1.00- —
1898	N. J	329	2 M.	60-60-60	3.00-3.00-3.00
1898	Australia .	429	(a) (a)	(a)	1.62-2.84- —
1898	Aust-Hun .	438	(a) (a)	60-60-60	.53- .59- —
1899	N. C	18	4 M.	72-72-72	.85- .85- .85
1900	N. C	18	4 M.	72-72-72	.85- .85- .85

BURNERS' HELPERS, POTTERY PRODUCTS.

1877	England ..	570	(a)	M.	70-70-70	.61-1.14- —	1892	Ohio	373	19	M.	57-72-66	1.00-1.65-1.37

BURNERS, METALLIC GOODS.

1895	Aust-Hun .	435	(a)	(a)	57-63 —	.48- .99- —	....	.....	....	....	...	.....	.....

BURNERS, POTTERY PRODUCTS.

(j)	England ..	561	(a)	(a)	(a)	.73-1.70- —	1878	Germany .	185	(a)	M.	(a)	.60- .75- —
1860	Mass	8	2	M.	72-72-72	1.15-1.15-1.15	1879	Pa	384	1	(a)	60-60-60	1.65-1.65-1.65
(k)	England ..	563	(a)	(a)	(a)	.73-1.83- —	1880	England ..	571	(a)	M.	(a)	1.82-2.43- —
1863	England ..	565	(a)	(a)	62-62-62	.73-1.62- —	1881	Ohio	363	26	M.	54-72-64	1.75-2.00-1.84
1866	England ..	566	(a)	M.	50-63 —	.37-1.83- —	1881	England ..	178	(a)	M.	(a)	1.87-1.87-1.87
(l)	England ..	567	(a)	M.	59 66 —	.73-1.70- —	1882	Ohio	364	41	M.	p48-72-66	1.75-3.00-2.19
1868	Germany .	610	(a)	M.	72-72-72	.30- .49- —	1882	Germany..	27	(a)	(a)	(a)	.60- .75- —
1871	England ..	568	(a)	M.	48-48-48	1.22-1.22-1.22	1883	England ..	572	(a)	M.	60-60-60	1.46-1.70- —
1871	England ..	629	(a)	M.	(a)	1.26-1.82- —	1884	England ..	178	(a)	M.	(a)	1.49-1.97- —
1871	Scotland ..	629	(a)	M.	(a)	.81- .97- —	1884	Germany..	178	(a)	M.	60-78 —	.44- .89- —
1872	England ..	185	(a)	M.	48-66 —	1.21-1.69- —	1884	Italy	178	(a)	M.	60-60-60	.25- .39- —
1874	England ..	569	(a)	M.	n45-51 —	1.62-2.03- —	1885	Germany..	71	(a)	M.	72-72-72	1.19-1.19-1.19
1877	Ohio	359	2	M.	(a)	2.33-2.33-2.33	1887	Germany..	557	(a)	(a)	66-66-66	.87- .87- .87
1877	England ..	570	(a)	M.	o42-70 —	1.42-1.87- —	1888	N. J	326	1	M.	60-60-60	2.50-2.50-2.50
1877	Germany .	171	(a)	M.	(a)	.63- .75- —	1888	N. Y.....	331	6	M.	58-60-59	1.50-2.50-1.96

a Not reported.
b Not including hours of 8 persons not reported.
c Per hour.
d Applies to but 11 of the 12 wage quotations.
e And lodging.
f And lodging and heat.
g And heat.
h Not including hours of 2 persons not reported.
i Not including hours of 1 person not reported.
j Average for 1855–57.
k Average for 1858–60.
l Average for 1867–68.
n Applies to but 2 of the 6 wage quotations.
o Applies to but 6 of the 7 wage quotations.
p Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BURNERS, POTTERY PRODUCTS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Canada	470	(a) M.	62-62-62	1.40-1.40-1.40
1889 England	576	(a) M.	90-90-90	.85-1.01- —
1889 Portugal	691	(a) (a)	(a)	.39- .76- —
1890 N. Y.	333	3 M.	(a)	2.75-2.75-2.75
1890 Ohio	371	43 (a)	42-72-58	1.25-3.33-2.08
1890 England	576	(a) M.	90-90-90	.93-1.09- —
1891 N. Y.	333	3 M.	(a)	1.50-2.75-2.33
1891 England	123	(a) (a)	(a)	2.53-3.59- —
1891 France	505	(a) M.	66-66-66	.92-1.74- —
1892 Cal.	196	1 M.	48-48-48	2.50-2.50-2.50
1892 Ohio	373	41 (a)	b57-72-66	1.25-3.25-2.00
1892 Australia	424	(a) M.	(a)	1.70-1.70-1.70
1892 France	505	(a) M.	c66-70 —	.58- .97- —
1893 Ohio	374	10 M.	d60-72-66	1.87-2.25-2.02
1894 Mass	8	6 M.	60-72-68	1.34-1.50-1.39
1894 Australia	425	(a) (a)	(a)	1.62-2.43- —
1894 France	508	(a) M.	60-60-60	.48- .48- .48
1895 Mass	8	42 M.	72-72-72	1.15-1.57-1.30
1895 Australia	426	(a) (a)	(a)	1.62-2.43- —
1895 France	509	(a) (a)	60-60-60	.87- .87- .87
1896 Ohio	8	4 M.	72-72-72	1.25-1.25-1.25
1896 Pa	8	2 M.	72-72-72	1.50-1.50-1.50
1896 Australia	427	(a) (a)	(a)	1.62-2.23- —
1896 France	510	(a) (a)	54-63 —	.39-1.06- —
1897 Pa	8	2 M.	84-84-84	1.50-1.50-1.50
1897 Australia	428	(a) (a)	(a)	1.62-2.23- —
1898 Australia	429	(a) (a)	(a)	1.62-2.43- —
1898 Germany	151	(a) (a)	(a)	.24- .79- —

BURNISHERS, BOOTS AND SHOES.

1875	Mass	270	16	M.	(a)	1.94-3.00-2.12	1885	Pa	1	12	M.	60-60-60	2.10-2.23-2.15
1875	Mass	270	1	F.	(a)	1.00-1.00-1.00	1886	Ill.	208	83	(a)	(a)	2.50-2.50-2.50
1879	Pa	384	2	M.	60-60-60	1.75-1.75-1.75	1886	N. J	325	109	M.	60-60-60	2.00-3.33-2.28
1880	Ohio	7	1	M.	(a)	1.57-1.57-1.57	1887	Wis	409	13	(a)	(a)	2.00-2.00-2.00
1881	N. J	320	3	M.	(a)	2.40-2.40-2.40	1888	N. J	326	6	M.	f60-60-60	2.00-3.00-2.50
1882	Ohio	364	26	(a)	57-60-60	1.50-2.75-2.12	1888	N. Y.	331	23	M.	g51-60-54	.83-3.33-2.18
1883	Mass	273	26	M.	(a)	1.67-5.32-2.40	1890	N. Y.	333	11	M.	(a)	.50-2.50-1.71
1883	N. J	322	33	M.	60-60-60	1.67-3.00-2.16	1891	N. Y.	333	26	M.	(a)	.50-2.67-1.87
1883	N. J	322	6	F.	60-60-60	.67-1.00- .78	1893	Ohio	333	3	M.	h42-60-51	1.15-2.75-1.97
1884	N. J	7	5	M.	(a)	1.83-2.25-2.05	1894	N. H	316	1	M.	59-59-59	1.67-1.67-1.67
1884	N. J	323	106	M.	48-60-60	1.67-2.67-2.20	1894	N. Y.	8	2	M.	60-60-60	2.00-2.50-2.25
1884	Canada	178	(a)	(a)	60-60-60	1.00-1.50- —	1894	Ohio	375	12	M.	60-60-60	1.75-1.75-1.75
1885	Cal.	1	13	M.	60-60-60	1.37-2.25-1.98	1895	Mass	8	1	M.	60-60-60	2.25-2.25-2.25
1885	Ill.	1	6	M.	60-60-60	3.00-3.00-3.00	1895	N. J	7	7	M.	(a)	2.33-2.50-2.43
1885	Md.	1	7	M.	60-60-60	.67-1.50-1.21	1895	Ohio	376	6	M.	f60-60-60	.66-3.50-2.11
1885	Mass	1	26	M.	60-60-60	1.50-3.00-1.93	1896	Ohio	7	1	M.	60-60-60	1.79-1.79-1.79
1885	N. J	324	181	M.	e48-60-57	1.33-3.33-2.16	1896	Ohio	377	3	M.	60-60-60	2.00-2.00-2.00
1885	N. Y.	1	14	M.	60-60-60	2.25-2.29-2.27	1898	N. J	329	10	M.	60-60-60	2.25-2.25-2.25

BURNISHERS, ELECTROTYPING.

1885	N. Y.	7	1	M.	59-59-59	2.50-2.50-2.50	1891	N. Y.	333	2	M.	(a)	2.50-3.00-2.75
1888	N. Y.	331	1	M.	54-54-54	1.67-1.67-1.67	1895	N. Y.	7	1	M.	58-58-58	2.50-2.50-2.50
1890	N. Y.	333	3	M.	(a)	2.50-3.00-2.83							

BURNISHERS, METALS.

1840	England	563	(a)	F.	54-60 —	.28- .61- —	1874	England	569	(a)	M.	45-45-45	1.22-1.22-1.22
1842	Conn.	8	1	M.	66-66-66	1.50-1.50-1.50	1878	England	43	(a)	M.	(a)	.41- .49- —
1846	Conn.	8	2	M.	60-60-60	1.25-1.25-1.25	1878	England	43	(a)	F.	(a)	.41- .57- —
1846	Conn.	8	1	F.	60-60-60	1.25-1.25-1.25	1880	England	571	(a)	M.	49-49-49	.32-1.62- —
1850	Mass	8	1	M.	66-66-66	1.75-1.75-1.75	1880	England	571	(a)	F.	52-52-52	.53- .77- —
1850	England	563	(a)	F.	54-60 —	.30- .61- —	1881	Mass	7	20	M.	60-60-60	1.25-3.78-2.39
1855	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00	1881	Ohio	7	22	F.	60-60-60	.50- .83- .65
1857	England	8	(a)	M.	60-60-60	.60- .60- .60	1883	Mass	273	52	M.	(a)	2.00-2.50-2.02
1860	England	563	(a)	F.	60-60-60	.32- .61- —	1883	England	43	(a)	M.	(a)	.41- .41- .41
1866	England	566	(a)	F.	60-60-60	.28- .49- —	1883	England	43	(a)	F.	(a)	.41- .45- —
(i)	England	567	(a)	F.	60-60-60	.28- .49- —	1883	Gr't Brit	273	(a)	M.	(a)	1.18-1.22- —
1871	England	629	(a)	F.	58-58-58	.10- .49- —	1883	Gr't Brit	273	(a)	F.	(a)	.45- .49- —
1872	England	185	(a)	F.	j50-50-50	.28- .51- —	1884	N. J	323	5	M.	60-60-60	1.65-2.00-1.72

a Not reported.
b Not including hours of 6 persons not reported.
c Applies to but 3 of the 4 wage quotations.
d Not including hours of 2 persons not reported.
e Not including hours of 100 persons not reported.
f Not including hours of 4 persons not reported.
g Not including hours of 7 persons not reported.
h Not including hours of 1 person not reported.
i Average for 1867–68.
j Applies to but 2 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BURNISHERS, METALS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Mass	7	1	M.	58-58-58	1.50-1.50-1.50
1885 N. Y	1	3	M.	60-60-60	1.50-1.50-1.50
1885 Gr't Brit	1	(a)	M.	60-60-60	1.77-1.77-1.77
1886 Conn	2	13	(a)	60-60-60	1.59-1.59-1.59
1886 N. Y	3	3	F.	56-56-56	1.50-2.00-1.72
1886 Pa	3	1	F.	(a)	1.00-1.00-1.00
1886 R. I	3	1	F.	60-60-60	1.00-1.00-1.00
1887 Conn	202	65	M.	(a)	1.00-2.42-2.28
1887 Conn	202	2	F.	(a)	1.15-1.15-1.15
1887 Ill	3	1	F.	59-59-59	.83- .83- .83
1887 N. Y	3	2	F.	53-58-56	1.67-2.00-1.84
1887 Ohio	3	6	F.	58-60-60	.50-1.17- .80
1887 Ohio	369	3	M.	60-60-60	2.17-2.50-2.39
1888 N. Y	331	42	M.	b55-59-56	1.00-3.33-2.12
1888 N. Y	331	1	M.	(a)	c.25- .25- .25
1888 N. Y	331	1	F.	30-30-30	1.17-1.17-1.17
1890 Mich	282	1	M.	60-60-60	.92- .92- .92
1890 N. Y	333	9	M.	(a)	1.17-3.00-2.38
1891 N. Y	333	52	M.	(a)	1.00-3.25-2.26
1891 France	505	(a)	F.	60-60-60	.39-1.06- —
1892 Ill	210	3	F.	60-60-60	.83-1.05- .95
1892 France	505	(a)	F.	60-72 —	.19- .77- —
1892 Russia	692	(a)	(a)	(a)	.64- .64- .64
1893 Ill	10	1	M.	60-60-60	2.00-2.00-2.00
1894 Ohio	375	15	M.	60-60-60	3.00-3.00-3.00
1894 France	129	(a)	F.	60-60-60	.29-1.06- —
1895 Mass	7	42	M.	58-60-60	.67-3.00-2.00
1895 Mass	7	22	F.	58-58-58	.67-1.38-1.09
1895 Ohio	376	9	M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	4	F.	60-60-60	1.00-1.00-1.00
1896 Conn	8	1	M.	60-60-60	2.50-2.50-2.50
1896 Mass	3	2	F.	53-57-55	1.00-1.75-1.38
1897 Australia	428	(a)	F.	(a)	.81-1.22- —
1898 Nebr	314	3	(a)	48-48-48	2.25-2.50-2.40
1898 Australia	429	(a)	F.	(a)	.81-1.22- —

BURNISHERS, POTTERY PRODUCTS.

(d) England	561	(a)	F.	(a)	.32- .43- —	1877 England	570	(a)	M.	(a)	.49- .49- .49
(e) England	563	(a)	F.	(a)	.26- .43- —	1877 England	570	(a)	F.	h45-48 —	.10- .49- —
1863 England	565	(a)	(a)	62-62-62	.36- .49- —	1880 England	571	(a)	F.	(a)	.24- .32- —
1866 England	566	(a)	M.	51-57 —	.24- .41- —	1883 England	178	(a)	M.	42-42-42	.32- .32- .32
1866 England	566	(a)	F.	40-57 —	.20- .43- —	1883 England	572	(a)	F.	42-42-42	.32- .37- —
(f) England	567	(a)	F.	59-66 —	.49- .65- —	1884 England	178	(a)	F.	42-42-42	.33- .33- .33
1871 England	568	(a)	F.	54-54-54	.61- .61- .61	1888 N. Y	331	1	M.	52-52-52	1.00-1.00-1.00
1871 England	570	(a)	M.	45-45-45	.32- .32- .32	1888 N. Y	331	2	F.	b 58-58-58	1.00-1.33-1.17
1872 England	185	(a)	F.	54-66 —	.08- .60- —	1888 England	631	(a)	F.	(a)	.36- .36- .36
1874 England	569	(a)	F.	g48-48-48	.14- .40- —						

BUSHELERS.

1872 Germany	185	(a)	(a)	(a)	.07- .07- .07	1892 Ill	210	2	F.	52-52-52	1.50-1.68-1.59
1874 Canada	185	(a)	M.	(a)	1.33-1.67- —	1892 Me	258	1	F.	60-60-60	1.00-1.00-1.00
1875 N. Y	7	1	M.	(a)	2.00-2.00-2.00	1892 Mo	301	200	M.	66-66-66	2.50-2.50-2.50
1880 Pa	7	2	M.	60-60-60	1.00-1.17-1.09	1893 Ill	10	1	M.	60-60-60	.67- .67- .67
1883 Mass	273	9	M.	(a)	1.67-2.83-2.20	1893 N. Y	10	1	M.	60-60-60	1.17-1.17-1.17
1883 Mass	273	74	F.	(a)	.83-2.00-1.26	1893 Pa	10	2	M.	50-60-55	1.17-1.33-1.25
1885 N. Y	7	2	M.	60-60-60	1.83-2.17-2.00	1893 Pa	10	1	F.	50-50-50	.83- .83- .83
1885 N. Y	7	5	F.	(a)	.67-1.17- .97	1893 England	608	(a)	M.	k 63-63-63	1.46-1.95- —
1886 N. Y	7	3	M.	42-42-42	1.33-1.67-1.53	1894 Ohio	375	3	M.	54-54-54	2.25-2.25-2.25
1886 N. Y	7	2	F.	42-42-42	.88-1.00- .94	1894 France	129	(a)	M.	60-60-60	1.45-1.74- —
1887 Ill	3	1	F.	57-57-57	1.50-1.50-1.50	1895 N. J	7	1	M.	48-48-48	1.67-1.67-1.67
1887 Ky	3	1	F.	60-60-60	.33- .33- .33	1895 N. Y	7	1	M.	60-60-60	2.00-2.00-2.00
1887 Mass	3	13	F.	i52-60-56	.60-1.67-1.19	1895 N. Y	7	4	F.	59-59-59	1.42-1.76-1.55
1887 N. Y	3	3	F.	54-56-55	1.50-1.67-1.56	1895 Ohio	376	5	M.	54-60-59	1.33-2.25-2 07
1887 Wis	409	1	M.	(a)	1.66-1.66-1.66	1895 Ohio	376	1	F.	54-54-54	1.00-1.00-1.00
1888 Ga	3	1	F.	59-59-59	1.29-1.29-1.29	1896 N. Y	7	5	M.	42-60-46	1.17-2.50-1.83
1888 N. Y	331	45	M.	j48-74-60	1.33-3.25-2.28	1896 N. Y	7	6	F.	42-42-42	.96-1.33-1.12
1888 Va	3	1	F.	54-54-54	.83- .83- .83	1896 Ohio	377	45	M.	60-60-60	1.90-1.90-1.90
1889 Portugal	691	(a)	(a)	(a)	.08½-.43- —	1896 Ohio	377	1	F.	54-54-54	1.00-1.00-1.00
1890 N. Y	333	19	M.	(a)	.83-2.37-1.38	1896 Pa	7	4	M.	54-54-54	1.17-2.00-1.50
1891 Mich	283	1	F.	(a)	.50- .50- .50	1898 N. J	329	4	M.	60-60-60	1.33-1.33-1.33
1891 N. Y	333	19	M.	(a)	.83-2.50-1.55						

a Not reported.
b Not including hours of 1 person not reported.
c Per hour.
d Average for 1855–57.
e Average for 1858–60.
f Average for 1867–68.
g Applies to but 2 of the 5 wage quotations.
h Applies to but 3 of the 5 wage quotations.
i Not including hours of 2 persons not reported.
j Not including hours of 3 persons not reported.
k Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUSTLE MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Md	3	9	F.	57-57-57	0.40-0.67-0.54
1886 Md	7	8	F.	(a)	.50- .83- .70
1887 Cal	3	1	F.	55-55-55	1.17-1.17-1.17
1887 Ill	3	12	F.	b 56-59-57	.50-1.25- .97
1887 Mass	3	11	F.	45-54-50	.50-1.35- .84
1887 N. Y	3	21	F.	b 48-56-53	.42-1.50- .90
1887 Pa	3	2	F.	59-59-59	0.83-1.00-0.92
1888 Cal	194	2	F.	54-54-54	1.00-1.17-1.09
1888 Ind	3	2	F.	54-57-56	.25- .50- .38
1888 N. Y	331	39	M.	53-59-54	.67- .67- .67
1896 Md	7	1	F.	54-54-54	.92- .92- .92

BUTCHERS.

1839	England	562	(a)	M.	66-66-66	.65- .65- .65	1875	France	496	(a)	M.	(a)	c .11- .44- —
1849	England	562	(a)	M.	66-66-66	.65- .65- .65	1875	Germany	177	(a)	M.	(a)	.61- .65- —
1853	France	113	(a)	M.	(a)	.33- .87- —	1875	Norway	684	(a)	M.	(a)	.54-1.02- —
1853	France	609	(a)	(a)	84-84-84	.09½-1.29- —	1875	Scotland	177	(a)	M.	59-59-59	.75- .83- —
1853	France	609	(a)	(a)	78-78-78	c .11- .41- —	1876	Australia	171	(a)	M.	(a)	c 2.03-2.03-2.03
1855	Ireland	561	(a)	(a)	(a)	.81- .97- —	1876	France	497	(a)	M.	(a)	.45-1.35- —
1855	Ireland	561	(a)	(a)	(a)	d .57- .73- —	1876	France	497	(a)	M.	(a)	c .11- .44- —
1856	Ireland	561	(a)	(a)	(a)	.89-1.01- —	1876	Germany	177	(a)	M.	(a)	.61- .61- .61
1856	Ireland	561	(a)	(a)	(a)	d .65- .73- —	1876	Scotland	177	(a)	M.	59-59-59	.75- .83- —
(e)	England	561	(a)	(a)	(a)	.67- .67- .67	1877	Germany	177	(a)	M.	(a)	.60- .71- —
1857	Ireland	561	(a)	(a)	(a)	.97-1.22- —	1877	Germany	177	(a)	M.	(a)	c .21- .25- —
1857	Ireland	561	(a)	(a)	(a)	d .65- .89- —	1877	Scotland	177	(a)	M.	59-59-59	.75- .83- —
(f)	England	562	(a)	M.	(a)	.67- .67- .67	1878	Australia	177	(a)	M.	(a)	.61-2.03- —
1858	Ireland	563	(a)	(a)	72-72-72	1.01-1.22- —	1878	Australia	177	(a)	M.	(a)	i 1.22-1.62- —
1859	England	562	(a)	M.	66-66-66	.65- .65- .65	1878	Belgium	177	(a)	M.	(a)	.75-1.00- —
1859	Ireland	563	(a)	(a)	72-72-72	1.01-1.22- —	1878	Denmark	177	(a)	M.	(a)	.75- .75- .75
1860	France	609	(a)	(a)	78-78-78	c .19- .29- —	1878	England	177	(a)	M.	(a)	.41-1.41- —
1860	Germany	185	(a)	M.	(a)	.32- .32- .32	1878	France	177	(a)	M.	(a)	.54-1.00- —
1860	Ireland	563	(a)	(a)	72-72-72	1.01-1.01-1.01	1878	France	177	(a)	M.	(a)	c .80-1.00- —
1861	England	564	(a)	(a)	(a)	.73- .97- —	1878	France	498	(a)	M.	(a)	.45-1.35- —
1864	Germany	185	(a)	M.	(a)	.42- .42- .42	1878	France	498	(a)	M.	(a)	c .11- .44- —
1865	Germany	185	(a)	M.	(a)	.39- .39- .39	1878	Germany	177	(a)	M.	(a)	.59- .95- —
1866	Germany	185	(a)	M.	(a)	.39- .39- .39	1878	Germany	177	(a)	M.	(a)	c .63- .76- —
1867	Germany	185	(a)	M.	(a)	.39- .39- .39	1878	Italy	177	(a)	M.	(a)	.70- .70- .70
1868	Germany	185	(a)	M.	(a)	.48- .48- .48	1878	Scotland	177	(a)	M.	j 59-59-59	.75- .83- —
1868	Germany	185	(a)	M.	(a)	g .12- .12- .12	1878	Switzerl'd	177	(a)	M.	(a)	.77- .77- .77
1869	France	609	(a)	(a)	84-84-84	.22-1.48- —	1879	N. J	318	1	(a)	(k)	1.00-1.00-1.00
1869	France	609	(a)	(a)	78-78-78	h .37- .44- —	1879	Pa	384	1	M.	72-72-72	1.67-1.67-1.67
1869	Germany	609	(a)	M.	(a)	.24- .73- —	1879	France	499	(a)	M.	(a)	.45-1.35- —
1869	Greece	609	(a)	(a)	(a)	.34- .69- —	1879	France	499	(a)	M.	(a)	c .11- .44- —
1869	Turkey	609	(a)	(a)	(a)	.28- .45- —	1880	N. J	319	9	(a)	60-75-65	.75-1.75-1.19
1870	Germany	610	(a)	M.	72-72-72	.24- .73- —	1880	France	500	(a)	M.	(a)	.48-1.35- —
1870	Germany	610	(a)	M.	(a)	g .61- .71- —	1880	France	500	(a)	M.	(a)	c .19- .36- —
1870	Persia	610	(a)	M.	(a)	.08- .08- .08	1880	Norway	685	(a)	M.	(a)	.54- .67- —
1870	Switzerl'd	610	(a)	M.	(a)	.16- .58- —	1880	Sweden	21	(a)	(a)	(a)	g .18- .22- —
1870	Switzerl'd	610	(a)	M.	(a)	g .32- .32- .32	1881	N. J	2	300	M.	60-60-60	3.50-3.90-3.70
1870	Turk. in A	610	(a)	M.	(a)	.14- .23- —	1881	N. Y	2	1360	M.	60-60-60	3.46-3.96-3.71
1871	Mass	267	22	M.	(a)	1.96-1.96-1.96	1881	Australia	431	(a)	(a)	(a)	1.22-2.43- —
1871	France	611	(a)	M.	(a)	.58- .58- .58	1881	France	501	(a)	M.	(a)	.49-1.35- —
1871	Germany	185	(a)	M.	(a)	.24- .48- —	1881	France	501	(a)	M.	(a)	c .20- .36- —
1871	Germany	185	(a)	M.	(a)	g .15- .30- —	1881	Germany	178	(a)	M.	(a)	g .40- .40- .40
1871	Italy	165	(a)	(a)	(a)	.60- .60- .60	1882	Ill	2	200	M.	60-60-60	2.50-2.50-2.50
1871	Netherl'ds	611	(a)	M.	60-60-60	.74- .74- .74	1882	Ill	206	2	M.	60-60-60	2.25-2.25-2.25
1872	Netherl'ds	185	(a)	(a)	(a)	.73- .73- .73	1882	Mo	294	1	M.	96-96-96	c 1.15-1.15-1.15
1873	Germany	177	(a)	M.	(a)	.60- .60- .60	1882	N. J	321	23	M.	(a)	2.00-2.50-2.17
1873	Persia	184	(a)	M.	(a)	.20- .20- .20	1882	France	502	(a)	M.	(a)	.49-1.35- —
1873	Sweden	167	(a)	(a)	(a)	.26- .26- .26	1882	France	502	(a)	M.	(a)	c .19- .36- —
1873	Switzerl'd	185	(a)	M.	(a)	.40- .60- —	1882	Germany	174	(a)	(a)	90-90-90	.79- .79- .79
1873	Switzerl'd	185	(a)	M.	(a)	g .25- .25- .25	1882	Germany	174	(a)	(a)	90-90-90	g .16- .16- .16
1874	Germany	177	(a)	M.	(a)	.61- .61- .61	1882	Germany	554	(a)	(a)	(a)	g .16- .79- —
1874	Scotland	177	(a)	M.	59-59-59	.75- .83- —	1883	Mass	273	256	M.	(a)	1.17-2.33-1.88
1875	France	177	(a)	M.	(a)	1.00-1.40- —	1883	Mich	277	84	M.	(a)	.65-3.00-1.75
1875	France	496	(a)	M.	(a)	.45-1.35- —	1883	Australia	174	(a)	(a)	(a)	1.42-2.03- —

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d And food.
e Average for 1855–57.
f Average for 1856–58.
g And board and lodging.
h And board, lodging, washing, and presents.
i And rations.
j Applies to but 2 of the 3 wage quotations.
k 102-102-102 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTCHERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 France	503	(a) M.	(a)	0.50-1.35- —
1883 France	503	(a) M.	(a)	b .11- .44- —
1883 Germany	555	(a) (a)	(a)	c .16- .60- —
1884 Iowa	231	1 M.	90-90-90	2.00-2.00-2.00
1884 Mich	278	58 M.	(a)	.35-2.88-1.58
1884 N. J	323	4 M.	84-90-84	1.50-2.50-2.01
1884 Australia	178	(a) (a)	48-48-48	1.62-2.03- —
1884 Aust-Hun	178	(a) M.	72-72-72	.30-1.00- —
1884 Aust-Hun	178	(a) M.	60-60-60	c .25- .70- —
1884 Bahamas	178	(a) M.	(a)	.80-1.20- —
1884 Belgium	178	(a) M.	d60-72 —	.38-1.00- —
1884 Brazil	178	(a) M.	e60-60-60	.52-1.26- —
1884 Br. Guiana	178	(a) M.	60-60-60	.67-1.17- —
1884 Br. Hond	178	(a) (a)	54-54-54	.85-1.40- —
1884 Canada	178	(a) M.	f60-60-60	1.00-2.50- —
1884 Canada	178	(a) M.	60-60-60	b .83-1.67- —
1884 Canada	466	(a) M.	59-59-59	1.62-1.67- —
1884 C. of G'd H	178	(a) (a)	60-60-60	1.67-2.00- —
1884 Ceylon	178	(a) (a)	53-53-53	.25- .57- —
1884 China	178	(a) M.	60-60-60	.31- .38- —
1884 Colombia	178	(a) (a)	60-60-60	.32- .64- —
1884 Cuba	178	(a) M.	g59-59-59	.61-1.40- —
1884 Denmark	178	(a) M.	60-60-60	.69- .77- —
1884 Ecuador	178	(a) M.	(a)	1.33-1.67- —
1884 England	178	(a) M.	h53-57 —	.49-1.42- —
1884 England	178	(a) M.	i54-54-54	b .47-1.01- —
1884 Falk'l'd Is	178	(a) (a)	(a)	1.02-1.40- —
1884 France	504	(a) M.	(a)	.50-1.35- —
1884 France	504	(a) M.	(a)	b .11- .44- —
1884 Germany	178	(a) M.	j60-72 —	.12- .83- —
1884 Germany	178	(a) M.	k60-84 —	b .12- .79- —
1884 Germany	556	(a) (a)	(a)	c .16- .60- —
1884 Gibraltar	178	(a) M.	56-56-56	.50- .83- —
1884 Hawai. Is	178	(a) (a)	54-54-54	1.75-2.50- —
1884 Ireland	178	(a) M.	g56-56-56	.73-1.46- —
1884 Italy	178	(a) M.	l60-72 —	.29-2.22- —
1884 Mexico	178	(a) (a)	m60-60-60	.50-3.50- —
1884 Morocco	178	(a) (a)	60-72 —	.10- .80- —
1884 Netherl'ds	178	(a) M.	60-63 —	.47- .80- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.46-1.95- —
1884 Persia	178	(a) (a)	(a)	.16- .40- —
1884 Peru	178	(a) M.	(a)	1.46-2.46- —
1884 Philip. Is	178	(a) M.	(a)	.75-1.00- —
1884 Russia	178	(a) M.	60-84 —	.40-1.61- —
1884 Russia	178	(a) M.	72-72-72	c .18- .74- —
1884 Scotland	178	(a) M.	o51-72 —	.73-1.62- —
1884 Spain	178	(a) M.	p42-72 —	.50-1.50- —
1884 Switzerl'd	178	(a) M.	q65-66 —	.56-1.14- —
1884 Switzerl'd	178	(a) M.	e60-60-60	c .19- .48- —
1884 Turkey	178	(a) M.	(a)	c .24- .24- .24
1884 Turk. in A	178	(a) (a)	66-72 —	.48-1.92- —
1884 Venezuela	178	(a) (a)	r60-60-60	1.46-2.50- —
1884 Wales	178	(a) M.	s54-54-54	.73-1.21- —
1885 Ind	1	75 M.	60-60-60	2.50-2.50-2.50
1885 Kans	239	2 M.	60-90-75	1.50-1.66-1.58
1885 Australia	175	(a) (a)	(a)	1.62-2.03- —
1885 Australia	431	(a) M.	(a)	1.22-2.43- —
1885 Canada	467	(a) M.	63-64 —	1.49-1.50- —
1885 Ecuador	134	(a) (a)	(a)	0.24-0.24-0.24
1885 France	494	(a) M.	(a)	.59-1.16- —
1885 Germany	547	(a) M.	(a)	c .16- .60- —
1885 Netherl'ds	274	(a) M.	(a)	.60- .60- .60
1885 N. Zealand	68	(a) M.	(a)	1.22-2.43- —
1885 Norway	686	(a) M.	(a)	.59- .59- .59
1886 Ill	208	65 M.	48-96-57	1.04-3.00-2.46
1886 Ill	208	1 M.	(a)	b .96- .96- .96
1886 Iowa	232	12 M.	t90-96-93	1.00-1.67-1.47
1886 Kans	240	8 M.	u60-60-60	1.00-2.50-1.83
1886 Kans	241	1 M.	(a)	4.00-4.00-4.00
1886 N. J	2	242 M.	50-54-52	2.00-3.60-2.60
1886 N. Y	2	26 M.	50-50-50	3.00-3.60-3.30
1886 Argentina	57	(a) M.	60-60-60	.67- .83- —
1886 Australia	184	(a) M.	(a)	1.62-2.03- —
1886 Canada	468	(a) M.	61-63 —	1.22-1.51- —
1886 France	495	(a) M.	(a)	.33-1.16- —
1886 Germany	548	(a) (a)	(a)	c .20- .60- —
1886 Gr't Brit	604	(a) M.	(a)	v .77- .95- —
1886 Netherl'ds	456	(a) (a)	60-60-60	.47- .80- —
1887 Conn	202	1 M.	(a)	1.16-1.16-1.16
1887 Kans	241	10 M.	w60-84-66	1.35-2.50-1.79
1887 N. Y	331	22 M.	u60-60-60	2.00-2.00-2.00
1887 Ohio	369	410 M.	60-60-60	1.00-2.50-1.89
1887 Wis	409	46 M.	(a)	1.00-1.94-1.87
1887 Australia	420	(a) (a)	(a)	x .16- .24- —
1887 Canada	469	(a) M.	65-66 —	1.20-1.21- —
1887 England	622	(a) M.	(a)	1.02-1.02-1.02
1887 France	495	(a) M.	(a)	.33-1.16- —
1887 Germany	557	(a) (a)	y60-84 —	c .16- .79- —
1887 Netherl'ds	598	(a) (a)	60-60-60	.47- .81- —
1888 Colo	198	1 M.	90-90-90	1.73-1.73-1.73
1888 Iowa	233	3 M.	78-90-82	1.00-1.38-1.13
1888 Kans	242	25 M.	(a)	2.50-3.00-2.73
1888 Kans	243	3 M.	(a)	2.83-2.83-2.83
1888 N. Y	331	56 M.	z54-62-59	1.75-3.33-2.42
1888 Australia	421	(a) M.	(a)	x .16- .24- —
1888 Aust-Hun	447	(a) M.	(a)	.06- .57- —
1888 Canada	470	(a) M.	66-66-66	1.43-1.43-1.43
1888 C. of G'd H	484	(a) M.	(a)	.81- .81 .81
1888 Germany	558	(a) (a)	(a)	.36- .83- —
1888 Germany	558	(a) (a)	(a)	c .16- .60- —
1889 Australia	422	(a) M.	60-60-60	2.03-2.84- —
1889 Australia	422	(a) M.	70-70-70	b1.22-1.62- —
1889 Australia	422	(a) M.	70-70-70	aa.61- .81- —
1889 Canada	471	(a) M.	66-71 —	1.32-1.58- —
1889 Germany	550	(a) M.	(a)	c .18- .79- —
1889 Italy	95	(a) M.	bb60-60-60	.60-1.48- —
1889 N. Zealand	96	(a) M.	(a)	1.70-1.70-1.70
1889 Norway	518	(a) M.	(a)	.59- .59- .59
1890 Kans	244	42 M.	(a)	1.75-4.00-2.45
1890 Minn	292	20 M.	(a)	1.35-3.00-1.98
1890 Nebr	313	1 M.	(a)	2.25-2.25-2.25
1890 Australia	423	(a) M.	60-60-60	2.03-2.84- —
1890 Australia	423	(a) M.	70-70-70	aa.61- .81- —
1890 Netherl'ds	666	(a) M.	(a)	.80- .80- .80
1890 Norway	686	(a) M.	(a)	.67- .67- .67
1891 N. Y	333	3 M.	(a)	2.00-2.00-2.00

a Not reported.
b And board.
c And board and lodging.
d Applies to but 6 of the 8 wage quotations.
e Applies to but 2 of the 4 wage quotations.
f Applies to but 12 of the 16 wage quotations.
g Applies to but 2 of the 3 wage quotations.
h Applies to but 15 of the 26 wage quotations.
i Applies to but 3 of the 7 wage quotations.
j Applies to but 25 of the 34 wage quotations.
k Applies to but 17 of the 27 wage quotations.
l Applies to but 14 of the 18 wage quotations.
m Applies to but 7 of the 13 wage quotations.
o Applies to but 8 of the 10 wage quotations.
p Applies to but 14 of the 15 wage quotations.
q Applies to but 6 of the 10 wage quotations.
r Applies to but 2 of the 5 wage quotations.
s Applies to but 3 of the 4 wage quotations.
t Not including hours of 10 persons not reported.
u Not including hours of 3 persons not reported.
v And food.
w Not including hours of 6 persons not reported.
x Per hour.
y Applies to but 2 of the 8 wage quotations.
z Not including hours of 34 persons not reported
aa And board and house.
bb Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTCHERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 China	105	(a) (a)	(a)	0.35-0.35-0.35
1891 France	102	(a) M.	(a)	b.37-1.48- —
1891 France	505	(a) M.	77-84 —	1.35-1.93- —
1891 France	505	(a) M.	(a)	c1.16-1.16-1.16
1891 France	522	(a) M.	(a)	.59- .62- —
1891 N. Zealand	667	(a) (a)	(a)	1.22-2.43- —
1892 Kans	246	2 M.	60-60-60	2.50-2.75-2.63
1892 Australia	414	(a) (a)	(a)	d1.01-2.03- —
1892 Australia	424	(a) M.	(a)	.81-1.70- —
1892 C. of G'd H.	486	(a) M.	(a)	.75-2.43- —
1892 C. of G'd H.	486	(a) M.	(a)	b.56- .56- .56
1892 Corsica	505	(a) M.	(a)	.48- .48- .48
1892 Denmark	595	(a) M.	(a)	.90- .90- .90
1892 France	505	(a) M.	e60-105 –	.15-1.16- —
1892 France	505	(a) M.	(a)	b.09½-.65- —
1892 Italy	112	(a) M.	66-66-66	.60- .75- —
1892 Spain	115	(a) M.	(a)	.60- .70- —
1893 Ill.	10	21 M.	50-91-65	.67-3.00-1.81
1893 Md.	10	12 M.	54-72-62	.33-2.50-1.51
1893 Mont.	307	23 M.	f54-81-67	1.73-4.00-3.06
1893 Mont.	307	15 M.	g54-87-74	c1.34-3.83-2.58
1893 N. Y.	10	29 M.	h49-95-70	.67-4.17-1.95
1893 N. Y.	10	1 M.	82-82-82	b.83- .83- .83
1893 Ohio	374	64 M.	54-60-59	1.67-1.75-1.69
1893 Pa	10	13 M.	i48-84-63	.42-2.17-1.22
1893 Pa	10	1 M.	75-75-75	b.61- .61- .61
1893 Australia	415	(a) (a)	(a)	.81-2.03- —
1893 Germany	127	(a) M.	(a)	.36- .36- .36
1893 Ireland	578	(a) M.	(a)	.81-1.62- —
1893 N. Zealand	668	(a) M.	45-76 —	1.42-1.82- —
1893 N. Zealand	682	(a) (a)	(a)	.85-2.43- —
1894 Iowa	236	19 M.	h60-90-64	1.12-2.50-1.82
1894 N. H	316	1 M.	78-78-78	1.00-1.00-1.00
1894 N. Y.	11	1 (a)	(a)	2.33-2.33-2.33
1894 Ohio	374	4 M.	(a)	1.67-3.33-2.29
1894 Ohio	375	84 M.	54-72-67	1.65-2.00-1.78
1894 Australia	416	(a) (a)	(a)	.81-1.82- —
1894 Australia	425	(a) M.	(a)	1.62-2.84- —
1894 C. of G'd H.	487	(a) M.	54 84 —	1.40-1.82- —
1894 C. of G'd H.	487	(a) M.	48-78 —	b.75-2.24- —
1894 France	508	(a) M.	(a)	.77- .97- —
1895 Ill.	8	31 M.	60-60-60	1.50-3.50-2.65
1895 Kans	249	14 M.	36-90-61	1.34-4.00-2.63
1895 Mo.	304	41 M.	(a)	.81-3.00-1.89
1895 Ohio	376	157 M.	60-60-60	1.25-2.50-2.01
1895 Wis	413	7 (a)	48-60-58	1.00-3.20-2.14
1895 Australia	417	(a) (a)	(a)	.61-1.62- —
1895 Australia	426	(a) M.	(a)	1.62-2.84- —
1895 Canada	187	(a) M.	(a)	1.00-1.33- —
1895 France	509	(a) (a)	42-42-42	1.16-1.16-1.16
1895 Greece	137	(a) (a)	(a)	.33- .66- —
1895 N. Found.	187	(a) M.	(a)	1.00-1.50- —
1895 N. Zealand	184	(a) M.	(a)	1.02-2.03- —
1895 Norway	687	(a) M.	(a)	.68- .68- .68
1895 Norway	690	(a) M.	(a)	.70- .70- .70
1895 Spain	133	(a) M.	(a)	.60- .70- —
1896 Ala.	15	1 M.	(a)	1.67-1.67-1.67
1896 Ga	15	2 M.	(a)	1.00-1.00-1.00
1896 Kans	250	16 M.	i30-84-52	1.17-3.19-2.04
1896 Mo	305	192 M.	48-66-56	1.55-2.40-2.03
1896 Nebr	314	365 (a)	60-60-60	.75-4.00-2.25
1896 N. Y.	336	30 M.	(a)	.50-2.50-1.51
1896 N. C	350	1 M.	60-60-60	.75- .75- .75
1896 Ohio	377	188 M.	60-60-60	1.61-2.20-2.05
1896 Tenn.	15	1 M.	(a)	1.33-1.33-1.33
1896 Algeria	505	(a) M.	(a)	.48-1.16- —
1896 Algeria	505	(a) M.	(a)	j.04- .11½- —
1896 Australia	427	(a) M.	(a)	1.62-2.84- —
1896 Belgium	184	(a) (a)	(a)	.72- .72- .72
1896 Br. Guiana	184	(a) M.	(a)	.58-1.08- —
1896 C. of G'd H.	184	(a) M.	(a)	1.95-2.30- —
1896 Corsica	505	(a) M.	k60-60-60	.48- .60- —
1896 Corsica	505	(a) M.	(a)	j.05- .05- .05
1896 France	184	(a) (a)	(a)	1.70-1.70-1.70
1896 France	505	(a) M.	l48-72 —	.22-1.06- —
1896 France	505	(a) M.	(a)	j.03½-.11½- —
1896 France	505	(a) M.	(a)	b.11- .76- —
1896 France	505	(a) M.	(a)	m.01½-.07½- —
1896 France	505	(a) M.	(a)	n.19- .57- —
1896 France	505	(a) M.	(a)	o.07½-.07½-.07½
1896 France	510	(a) (a)	84-84-84	.58- .58- .58
1896 Germany	560	(a) M.	60-66 —	c.40- .48- —
1896 Madagas	184	(a) M.	(a)	.19-1.11- —
1896 Mexico	184	(a) M.	(a)	.76- .76- .76
1896 Persia	184	(a) M.	(a)	.20- .20- .20
1897 Kans	251	15 M.	24-101-67	.71-3.77-1.83
1897 Nebr	314	65 M.	60-60-60	1.75-4.00-2.39
1897 N. Y	337	633 M.	p66-69-66	.83-7.50-2.45
1897 Australia	418	(a) (a)	(a)	1.01-2.03- —
1897 Australia	428	(a) M.	(a)	1.62-2.84- —
1897 Australia	428	(a) M.	(a)	b1.62-2.43- —
1897 France	511	(a) M.	66-72 —	1.61-2.25- —
1897 France	511	(a) F.	66-72 —	.97-1.13- —
1898 Kans	252	16 M.	30-60-41	.60-2.45-1.65
1898 Mich.	290	29 M.	(a)	1.25-1.74-1.57
1898 N. Y	338	550 M.	60-72-69	1.00-4.50-1.88
1898 Wash	405	47 (a)	(a)	1.92-2.88-2.38
1898 Australia	419	(a) (a)	(a)	.61-2.43- —
1898 Australia	419	(a) (a)	(a)	b.61-1.01- —
1898 Australia	419	(a) (a)	(a)	q1.22-1.22-1.22
1898 Denmark	493	(a) M.	(a)	.72-1.12- —
1899 Germany	156	(a) (a)	(a)	c.60-1.79- —
1899 N. Zealand	681	(a) M.	60-62 —	1.62-2.03- —

BUTCHERS' HELPERS.

1858	Ireland	563	(a)	(a)	(a)	.24- .37- —	1886	Gr't Brit	604	(a)	M.	(a)	r.51- .61- —
1859	Ireland	563	(a)	(a)	(a)	.24- .37- —	1898	Australia	419	(a)	(a)	(a)	1.22-1.22-1.22
1860	Ireland	563	(a)	(a)	(a)	.24- .37- —	1898	Australia	429	(a)	M.	(a)	1.22-2.03- —
1884	Br. Hond	178	(a)	(a)	54-54-54	.65- .68- —							

a Not reported.
b And board.
c And board and lodging.
d And found.
e Applies to but 8 of the 11 wage quotations.
f Not including hours of 7 persons not reported.
g Not including hours of 5 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 2 persons not reported.
j Per hour.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 1 of the 9 wage quotations.
m Per hour, and board.
n And lodging.
o Per hour, and lodging.
p Not including hours of 499 persons not reported.
q And meat.
r And food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTLERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1873 England	177	(a) M.	(a)	b0.54-0.73- —
1878 England	177	(a) M.	(a)	b.31-1.55- —
1884 Australia	178	(a) M.	(a)	.81-1.62- —
1884 Bahamas	178	(a) M.	(a)	.19- .31- —
1884 Brazil	178	(a) M.	(a)	.32- .64- —
1884 Br. Guiana	178	(a) M.	(a)	.23- .58- —
1884 Ceylon	178	(a) (a)	(a)	.16- .31- —
1884 Cuba	178	(a) M.	72-72-72	b1.21-1.21-1.21
1884 England	178	(a) M.	(a)	.31-1.55- —
1884 England	178	(a) M.	(a)	c.46- .85- —
1884 France	178	(a) M.	(a)	.44- .59- —
1884 Germany	178	(a) M.	(a)	.33- .80- —
1884 Germany	178	(a) M.	(a)	c.08-1.90- —
1884 Ireland	178	(a) M.	(a)	b.23- .39- —
1884 Italy	178	(a) M.	(a)	c.26- .44- —
1884 Peru	178	(a) M.	(a)	.23- .63- —
1884 Russia	178	(a) M.	(a)	c.74-1.29- —
1884 Scotland	178	(a) M.	(a)	1.24-1.24-1.24
1885 Australia	175	(a) M.	(a)	c.81-1.62- —
1886 Argentina	57	(a) M.	(a)	.77-1.15- —
1886 Australia	184	(a) M.	(a)	b.81-1.62- —
1889 Australia	422	(a) M.	(a)	c.81-1.22- —
1890 Australia	423	(a) M.	(a)	c.81-1.22- —
1892 Australia	424	(a) M.	(a)	c.81-1.22- —
1892 France	505	(a) M.	(d)	.39- .39- .39
1894 Australia	425	(a) M.	(a)	c.61-1.22- —
1895 Australia	426	(a) M.	(a)	c.61-1.22- —
1896 D. C	15	1 M.	(a)	1.17-1.17-1.17
1896 N. Y	336	16 M.	(a)	.83-5.00-1.90
1896 S. C	15	1 M.	(a)	.67- .67- .67
1896 Australia	184	(a) M.	(a)	b.81-1.22- —
1896 Australia	427	(a) M.	(a)	c.61- .81- —
1897 Australia	428	(a) M.	(a)	c.61- .81- —
1898 Australia	429	(a) M.	(a)	c.61- .81- —

BUTTER AND CHEESE MAKERS.

1881 N. J	320	2 M.	72-72-72	2.00-3.08-2.54
1884 Denmark	178	(a) F.	(a)	c.17- .26- —
1890 N. Y	333	2 M.	(a)	2.00-2.50-2.25
1891 N. Y	333	2 M.	(a)	2.00-2.50-2.25
1891 Ohio	372	20 M.	48-72-59	1.00-2.00-1.24
1892 Iowa	235	19 (a)	54-72-63	.57-2.00-1.51

BUTTERINE MAKERS.

1884 Mich	278	1 M.	(a)	2.00-2.00-2.00
1885 Kans	239	1 M.	60-60-60	1.50-1.50-1.50
1892 Australia	424	(a) (a)	(a)	1.62-1.62-1.62
1895 Ohio	376	1 M.	60-60-60	1.16-1.16-1.16
1896 Ohio	377	6 M.	60-60-60	1.75-1.75-1.75

BUTTER MAKERS.

1840 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00
1861 N. J	8	1 M.	60-60-60	1.25-1.25-1.25
1884 Iowa	231	2 M.	e66-66-66	2.31-2.50-2.41
1884 Mich	278	1 M.	(a)	2.50-2.50-2.50
1884 Italy	178	(a) M.	(a)	.35- .55- —
1887 Ohio	369	3 M.	60-60-60	1.50-1.50-1.50
1888 N. Y	331	2 M.	e76-76-76	1.42-2.00-1.71
1890 N. Y	333	9 M.	(a)	1.33-2.06-1.70
1890 Netherl'ds	666	(a) M.	(a)	.67- .67- .67
1891 N. Y	333	12 M.	(a)	.83-2.06-1.48
1891 China	105	(a) (a)	(a)	.13- .13- .13
1892 Australia	424	(a) (a)	(a)	.83-2.43- —
1892 France	505	(a) M.	77-81 —	.51- .57- —
1893 Ohio	374	1 M.	36-36-36	1.00-1.00-1.00
1894 Iowa	236	5 M.	e60-72-63	1.54-2.50-2.02
1894 Iowa	236	1 M.	54-54-54	f3.21-3.21-3.21
1894 N. Y	8	1 M.	48-48-48	2.56-2.56-2.56
1894 Australia	425	(a) (a)	(a)	1.62-2.43- —
1895 N. Y	8	6 M.	60-60-60	1.50-2.00-1.75
1895 N. C	8	2 M.	60-60-60	.96- .96- .96
1895 Australia	426	(a) (a)	(a)	1.62-2.43- —
1896 Mo	305	38 M.	24-84-55	.60-2.92-1.32
1896 Mo	305	1 F.	60-60-60	1.00-1.00-1.00
1896 N. Y	8	2 M.	60-70-65	1.92-2.00-1.96
1896 Ohio	377	8 M.	60-60-60	1.65-1.65-1.65
1896 Australia	427	(a) (a)	(a)	1.62-2.43- —
1897 Ill	8	2 M.	54-54-54	2.00-2.00-2.00
1897 Kans	251	12 M.	e36-85-58	1.04-2.49-1.77
1897 Nebr	314	18 M.	g42-72-54	1.00-2.50-1.90
1897 N. Y	8	2 M.	70-70-70	1.92-1.92-1.92
1897 Va	404	1 M.	72-72-72	1.50-1.50-1.50
1897 Australia	428	(a) (a)	(a)	1.01-1.82- —
1898 Australia	429	(a) (a)	(a)	1.01-1.82- —

BUTTER MAKERS' HELPERS.

1890 N. Y	333	3 M.	(a)	.50-1.20- .97
1891 N. Y	333	1 M.	(a)	1.20-1.20-1.20
1892 Australia	424	(a) (a)	(a)	.81-2.03- —
1896 Mo	305	30 M.	24-72-58	.20-1.50-1.07
1896 N. Y	8	1 M.	70-70-70	.96- .96- .96
1896 Ohio	377	3 M.	60-60-60	1.25-1.25-1.25
1897 Ill	8	2 M.	54-54-54	1.00-1.25-1.13
1897 Nebr	314	5 M.	(a)	1.08-1.54-1.43

a Not reported.
b And board.
c And board and lodging.
d 108-108-108 hours.
e Not including hours of 1 person not reported.
f Including house rent.
g Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTTONERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ohio	7	6 F.	60-60-60	0.67-0.67-0.67	1893 Ohio	374	375 M.	b 42-60-59	1.41-2.50-1.94
1891 Me	257	2 (a)	(a)	2.00-2.00-2.00	1895 Mass	7	2 F.	58-58-58	.27- .84- .56
1892 Me	258	3 F.	(a)	.50-1.00- .81	1896 Ohio	7	15 F.	60-60-60	.67- .67- .67
1893 N. J	327	5 F.	56-56-56	.42-1.33- .72					

BUTTONERS, CLOTHING.

1873 Conn	7	1 F.	60-60-60	1.00-1.00-1.00	1888 N. Y	331	72 F.	(a)	1.00-1.00-1.00
1885 N. Y	330	3 F.	66-66-66	.85-1.62-1.16	1894 N. Y	8	1 M.	60-60-60	1.00-1.00-1.00
1887 Mass	3	1 F.	48-48-48	.42- .42- .42	1895 Mass	7	4 F.	58-58-58	.40- .77- .52
1888 N. Y	331	52 M.	c 59-59-59	.75-1.25- .94	1895 N. J	7	1 F.	60-60-60	1.17-1.17-1.17

BUTTONERS, GLOVES AND MITTENS.

1890 N. Y	333	6 M.	(a)	.38-1.50- .88	1891 N. Y	333	21 M.	(a)	.38-1.50- .77

BUTTON FASTENERS, CLOTHING.

1885 Iowa	7	2 M.	63-63-63	.67- .67- .67	1895 Mass	7	2 F.	58-58-58	1.37-1.88-1.63
1890 N. Y	333	8 M.	(a)	1.08-1.08-1.08	1895 N. Y	8	1 M.	60-60-60	1.33-1.33-1.33
1891 N. Y	333	8 M.	(a)	.50-1.23-1.14	1895 N. Y	8	2 F.	54-54-54	.75- .75- .75
1895 Iowa	7	2 M.	54-54-54	.98-1.55-1.27					

BUTTON FASTENERS, WHIPS.

1886 Md	3	1 F.	56-56-56	.75- .75- .75	1891 N. Y	333	1 M.	(a)	1.00-1.00-1.00
1886 N. Y	7	3 F.	60-60-60	1.00-1.00-1.00	1896 N. Y	7	5 F.	60-60-60	.33-1.47- .92
1890 N. Y	333	4 M.	(a)	1.00-1.00-1.00					

BUTTONHOLE CUTTERS, BOOTS AND SHOES.

1884 N. J	323	1 F.	60-60-60	.42- .42- .42	1887 Ohio	3	1 F.	56-56-56	1.00-1.00-1.00
1885 N. J	324	1 M.	60-60-60	.42- .42- .42	1891 France	505	(a) F.	66-66-66	.53- .63- —
1886 N. J	325	6 F.	60-60-60	.42-1.17- .85	1892 Ill	210	3 F.	56-56-56	.73-1.34- .98
1887 N. Y	3	1 F.	60-60-60	.36- .36- .36					

BUTTONHOLE CUTTERS, CLOTHING.

1885 N. Y	7	9 F.	d 54-56-55	.83-2.15-1.05	1888 N. Y	331	25 F.	59-59-59	1.00-1.00-1.00
1886 Md	3	1 F.	58-58-58	.33- .33- .33	1888 N. Y	331	5 (a)	59-59-59	1.00-1.00-1.00
1886 Pa	7	4 F.	59-59-59	.42- .75- .56	1890 N. Y	333	24 M.	(a)	.75-1.93- .98
1887 Mass	3	1 F.	56-56-56	1.25-1.25-1.25	1891 N. Y	333	26 M.	(a)	.58-2.07-1.04
1887 Minn	3	1 F.	(a)	.58- .58- .58	1895 N. Y	7	14 F.	54-56-55	1.00-1.00-1.00
1888 N. Y	331	1 M.	59-59-59	.50- .50- .50	1895 N. Y	8	5 F.	54-60-55	1.25-1.50-1.40

a Not reported.
b Not including hours of 28 persons not reported.
c Not including hours of 48 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTTONHOLE FINISHERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ohio	7	3 M.	60-60-60	0.54-0.65-0.60
1886 Mo	3	1 F.	59-59-59	.75- .75- .75
1886 N. J	325	1 M.	60-60-60	4.17-4.17-4.17
1886 Pa	3	1 F.	58-58-58	1.00-1.00-1.00
1887 Ill	3	5 F.	56-60-58	.42- .92- .60
1887 N. Y	3	2 F.	55-60-58	.29- .92- .61
1887 Ohio	3	2 F.	56-56-56	.50- .92- .71
1887 Pa	3	7 F.	51-54-53	.67-1.33- .85
1890 N. Y	333	5 M.	(a)	1.17-1.50-1.30
1890 N. Y	333	1 F.	(a)	1.00-1.00-1.00
1891 Me	257	2 (a)	(a)	1.37-1.37-1.37
1891 N. Y	333	9 M.	(a)	1.17-2.50-1.76
1891 N. Y	333	1 F.	(a)	1.00-1.00-1.00
1892 Cal	196	2 F.	(a)	.83-2.00-1.42
1892 Ill	210	2 F.	56-56-56	1.14-1.22-1.18
1893 N. J	327	1 F.	(a)	.67- .67- .67
1894 N. Y	8	1 F.	60-60-60	.83- .83- .83
1895 Mass	7	4 F.	58-58-58	.84-1.16- .97
1896 Ohio	7	6 M.	60-60-60	.53- .68- .61

BUTTONHOLE FINISHERS, CLOTHING.

1885 Md	7	5	F.	54-60-56	.58-1.00- .77	1887 N. Y	3	4	F.	53-59-56	.25-1.00- .60
1886 Ill	3	1	F.	(a)	.25- .25- .25	1887 Ohio	3	2	F.	50-57-54	.39-1.00- .70
1886 Md	3	2	F.	57-58-58	.21- .58- .40	1888 Ind	3	2	F.	b 56-56-56	.42- .64- .53
1886 N. Y	3	2	F.	62-63-63	.50- .92- .71	1890 N. Y	333	6	M.	(a)	.67- .67- .67
1887 Ill	3	3	F.	54-56-55	.67- .83- .78	1891 N. Y	333	3	M.	(a)	.67- .67- .67
1887 Ky	3	2	F.	60-60-60	.33- .42- .38	1892 Ill	210	13	F.	b 53-60-54	.69-2.00-1.05
1887 La	3	4	F.	60-60-60	.33- .50- .46	1895 Md	7	4	F.	54-57-56	.67-1.17- .88
1887 Md	3	1	F.	60-60-60	.75- .75- .75	1897 Australia	428	(a)	F.	(a)	.12- .91- —
1887 Mass	3	5	F.	53-60-54	.92-1.08-1.00	1898 Australia	429	(a)	F.	(a)	.12- .91- —

BUTTONHOLE MAKERS, BOOTS AND SHOES.

1879 Pa	7	6	F.	57-57-57	1.20-2.12-1.75	1888 Cal	194	5	F.	54-54-54	1.00-2.00-1.50
1880 Ohio	7	1	M.	(a)	1.42-1.42-1.42	1888 Ind	3	1	F.	59-59-59	1.08-1.08-1.08
1884 N. J	323	2	F.	60-60-60	.33-1.67-1.00	1888 Me	254	4	F.	60-60-60	.83-1.50-1.16
1884 Pa	7	2	F.	60-60-60	.51- .65- .58	1888 N. Y	331	12	M.	b 53-60-58	1.50-2.17-1.89
1885 Cal	1	8	M.	60-60-60	1.25-1.62-1.53	1888 N. Y	331	7	F.	b 55-60-59	.83-2.00-1.69
1885 Mass	7	1	M.	59-59-59	1.39-1.39-1.39	1890 N. Y	333	8	M.	(a)	.67-2.67-2.06
1885 N. J	324	16	F.	60-60-60	.33-1.00- .49	1890 N. Y	333	3	F.	(a)	1.00-1.00-1.00
1885 N. Y	1	70	F.	60-60-60	1.00-1.17-1.04	1891 Me	257	5	F.	60-60-60	.67-1.17- .94
1885 Ohio	7	5	M.	60-60-60	1.02-1.18-1.10	1891 Me	257	4 (a)		(a)	1.77-1.77-1.77
1885 Pa	1	3	M.	60-60-60	1.60-1.60-1.60	1891 Mich	283	4	F.	(a)	.88-1.17-1.02
1885 Pa	1	9	F.	60-60-60	.78- .78- .78	1891 N. Y	333	14	M.	(a)	.67-2 67-1.57
1886 Md	3	7	F.	49-62-57	.50-1.17- .80	1891 N. Y	333	3	F.	(a)	1.00-1.00-1.00
1886 Mass	3	1	F.	53-53-53	1.00-1.00-1.00	1892 Cal	196	1	F.	(a)	1.25-1.25-1.25
1886 Mo	3	10	F.	59-60-59	.50-1.33- .91	1892 Ill	210	6	F.	56-56-56	.70-1.42-1.06
1886 N. J	3	2	F.	57-59-58	.80-1.17- .99	1892 Me	258	31	F.	(a)	.63-1.67-1.16
1886 N. J	325	28	F.	60-60-60	.42-1.25- .97	1893 N. J	327	11	F.	c 56-56-56	.58-1.25- .95
1886 Pa	3	1	F.	53-53-53	1.25-1.25-1.25	1893 Ohio	374	4	M.	(a)	1.00-2.00-1.25
1887 Cal	3	2	F.	54-56-55	1.67-1.75-1.71	1894 N. Y	8	1	F.	60-60-60	.83- .83- .83
1887 Ill	3	6	F.	53-60-57	.83-1.50-1.21	1894 Ohio	375	4	M.	(a)	1.00-2.00-1.25
1887 Ky	3	3	F.	b 47-58-52	.46-1.33- .90	1895 Mass	7	1	M.	59-59-59	1.31-1.31-1.31
1887 Mass	3	2	F.	56-56-56	.31- .50- .41	1895 Mass	7	9	F.	58-58-58	.39-1.36- .96
1887 Minn	3	4	F.	59-60-60	.67-1.50-1.03	1895 Ohio	376	4	M.	(a)	1.25-1.25-1.25
1887 N. Y	3	5	F.	39-60-55	.67-1.83-1.05	1896 Ohio	7	13	M.	60-60-60	.98-1.70-1.15
1887 Ohio	3	8	F.	56-60-58	.83-1.33-1.03	1896 Pa	7	2	F.	60-60-60	.40-1.00- .70
1887 Pa	3	3	F.	52-57-54	.83-1.23-1.08						

BUTTONHOLE MAKERS, CLOTHING.

1872 Mass	268	125	F.	(a)	1.00-2.00-1.37	1884 Pa	7	4	F.	48-48-48	1.00-1.08-1.04
1872 Germany	185	(a)	F.	72-72-72	.12- .20- —	1884 Va	7	11	F.	55-55-55	.83- .83- .83
1880 Ga	7	1	F.	(a)	1.00-1.00-1.00	1885 Conn	7	1	M.	(a)	2.00-2.00-2.00
1880 Pa	7	3	F.	60-60-60	.83- .83- .83	1885 Ill	7	2	F.	(a)	1.17-1.25-1.21
1880 S. C	7	4	F	60-60-60	.83- .83- .83	1885 Md	7	1	M.	60-60-60	2.50-2.50-2.50
1881 N. Y	3	1	F.	(a)	.50- .50- .50	1885 Mass	7	1	F.	60-60-60	1.94-1.94-1.94
1883 N. Y	273	21	F.	(a)	1.02-1.50-1.06	1885 Mich	7	5	F.	60-60-60	.38-1.17- .75
1883 N. C	7	1	F.	60-60-60	.75- .75- .75	1885 Minn	7	8	F.	57-57-57	.47-1.23- .70
1884 N. J	323	4	M.	60-60-60	1.67-1.67-1.67	1885 N. J	7	1	M.	40-40-40	1.83-1.83-1.83
1884 N. J	323	4	F.	60-60-60	.75-1.17-1.06	1885 N. J	7	2	F.	(a)	1.25-1.50-1.38

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTTONHOLE MAKERS, CLOTHING—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	1	7 M.	66-66-66	1.70-1.70-1.70
1885 N. Y.	1	19 F.	66-66-66	1.54-2.97-1.75
1885 N. Y.	7	3 M.	58-58-58	1.33-1.33-1.33
1885 N. Y.	7	141 F.	a54-65-57	.38-2.05- .85
1885 N. Y.	330	8 F.	b54-54-54	.75-1.00- .81
1885 Pa	1	15 F.	60-60-60	1.17-1.17-1.17
1885 Wis	7	4 F.	60-60-60	.88-1.13- .98
1886 Md.	3	10 F.	c45-60-55	.47-1.33- .86
1886 Mich.	7	1 M.	(d)	1.50-1.50-1.50
1886 Mich.	7	3 F.	c60-60-60	.83-1.03- .90
1886 Mo.	3	3 F.	47-60-53	.29-1.17- .65
1886 N. J.	3	4 F.	50-54-52	.67-1.17- .94
1886 N. Y	2	717 (d)	65-84-84	1.10-1.24-1.24
1886 N. Y	3	2 F.	51-52-52	.58-1.00- .79
1886 N. Y	7	3 F.	60-60-60	1.00-1.42-1.21
1886 Pa	2	23 (d)	60-60-60	1.67-1.67-1.67
1886 Pa	3	12 F.	53-61-56	.50-1.67-1.11
1886 Pa	7	10 F.	59-59-59	.75- .83- .81
1886 R. I	3	2 F.	61-61-61	1.00-1.17-1.09
1887 Ill	3	18 F.	45-57-53	.54-1.67-1.00
1887 Ky.	3	4 F.	59-63-60	.58- .92- .79
1887 La	3	4 F.	c57-60-58	.38- .75- .57
1887 Md.	3	2 F.	60-60-60	.83-1.11- .97
1887 Mass	3	11 F.	c51-54-52	.54-1.67-1.28
1887 Minn	3	4 F.	c54-60-57	.67-1.17- .92
1887 N. Y	3	15 F.	e51-60-55	.25-1.50-1.04
1887 N. Y.	3	1 F.	60-60-60	f .17- .17- .17
1887 Ohio	3	5 F.	54-60-55	.42-1.00- .65
1887 Ohio	369	182 M.	54-60-59	1.20-2.50-2.10
1887 Ohio	369	6 F.	57-60-60	.34-1.00- .77
1887 Pa	3	4 F.	51-58-55	.67-1.25- .98
1887 Wis	409	4 (d)	(d)	1.38-1.38-1.38
1887 England	631	(d) F.	(d)	.77- .91- —
1887 Germany	557	(d) F.	54-54-54	.28- .48- —
1887 Germany	557	(d) (d)	57-57-57	.54- .54- .54
1888 Ind	3	8 F.	g55-58-57	.33-1.00- .76
1888 Me.	254	2 F.	48-60-54	1.75-1.75-1.75
1888 N. J	326	3 F.	57-57-57	.75-1.25-1.00
1888 N. Y.	331	236 M.	h55-65-60	.83-2.50-1.50
1888 N. Y.	331	106 F.	i55-60-58	.50-2.17-1.50
1888 N. Y.	331	43 (d)	j52-59-58	1.00-1.50-1.43
1888 S. C	3	1 F.	60-60-60	.83- .83- .83
1888 Va	3	9 F.	43-56-50	.42-1.25- .62
1888 England	596	(d) F.	(d)	.97- .97- .97
1888 England	596	(d) (d)	(d)	.15-1.22- —
1888 Germany	558	(d) F.	54-54-54	.20- .44- —
1890 N. Y.	333	2255 M.	(d)	.33-3.33- .41
1891 Mich.	283	31 F.	(d)	.51-1.17- .73
1891 N. Y.	333	4443 M.	(d)	.14-3.33- .29
1891 Ohio	372	2 M.	60-60-60	.50- .50- .50
1891 Ohio	372	2 F.	60-60-60	.40- .40- .40
1892 Ill	210	6 F.	c48-54-52	.67- .92- .81
1892 Me.	258	14 F.	60-60-60	.83-1.33-1.06
1892 Australia	424	(d) (d)	(d)	.61-1.05- —
1893 Ill	10	7 M.	54-60-58	1.00-4.17-2.21
1893 Ill	10	5 F.	42-60-52	.50-1.83- .88
1893 N. J	327	8 F.	k49-60-53	0.50-2.08-1.08
1893 N. Y.	10	9 M.	59-60-60	1.33-2.50-1.57
1893 N. Y.	10	7 F.	55-60-59	.50-1.50- .96
1893 Ohio	374	6 F.	54-54-54	1.50-1.50-1.50
1893 Pa	10	14 M.	59-60-59	.17-3.33-1.51
1893 Pa	10	14 F.	50-60-58	.42-1.67- .90
1893 England	608	(d) F.	l63-63-63	.73-1.46- —
1893 England	632	(d) F.	(d)	.12- .81- —
1893 Ireland	632	(d) F.	(d)	.53- .53- .53
1893 Scotland	632	(d) F.	(d)	.85- .85- .85
1894 Ind	228	7 (d)	54-59-57	.80- .87- .82
1894 N. Y.	8	1 F.	60-60-60	1.16-1.16-1.16
1894 Ohio	374	5 M.	(d)	1.33-1.33-1.33
1894 Ohio	374	17 F.	(d)	.77- .77- .77
1894 Ohio	375	9 F.	48-54-50	.95-1.50-1.13
1894 Australia	425	(d) (d)	(d)	.61-1.62- —
1894 France	506	(d) F.	72-72-72	.34- .77- —
1895 Conn.	7	3 F.	59-60-59	.82-1.50-1.22
1895 Ga	7	1 F.	60-60-60	1.00-1.00-1.00
1895 Md.	7	2 M.	57-57-57	2.08-2.50-2.29
1895 Mass	7	3 F.	58-58-58	1.13-1.52-1.34
1895 N. J	7	1 M.	48-48-48	2.33-2.33-2.33
1895 N. J	7	3 F.	58-60-59	.83- .85- .84
1895 N. Y.	7	2 M.	58-58-58	1.33-1.33-1.33
1895 N. Y.	7	113 F.	54-60-59	.50-2.27-1.01
1895 N. Y.	8	8 F.	55-60-58	.67-1.50-1.36
1895 N. Y.	341	8 F.	n56-56-56	1.67-2.83-1.88
1895 N. C	7	1 F.	60-60-60	.75- .75- .75
1895 Ohio	376	1 M.	54-54-54	2.17-2.17-2.17
1895 Ohio	376	7 F.	48-54-49	.75-1.00- .96
1895 S. C	7	4 F.	60-60-60	.67- .67- .67
1895 Va	7	15 F.	55-55-55	.83- .83- .83
1895 Australia	426	(d) (d)	(d)	.61-1.62- —
1896 Ill	7	1 F.	57-57-57	1.25-1.25-1.25
1896 Mich.	7	1 M.	60-60-60	1.67-1.67-1.67
1896 Mich.	7	13 F.	60-60-60	.50-1.08- .79
1896 Minn	7	5 F.	57-57-57	.52-1.08- .80
1896 Nebr	314	9 F.	57-57-57	.75- .75- .75
1896 N. Y.	7	2 M.	60-60-60	1.67-2.33-2.00
1896 N. Y.	7	5 F.	59-60-59	.78-1.41-1.13
1896 Ohio	377	2 M.	54-54-54	2.09-2.09-2.09
1896 Ohio	377	6 F.	e48-48-48	.88-1.40-1.23
1896 Pa	7	53 F.	48-58-54	.58-1.33- .96
1896 Vt	7	5 F.	64-66-65	1.07-1.94-1.39
1896 Wis	7	9 F.	54-54-54	.82-1.20-1.03
1896 Australia	427	(d) (d)	(d)	.61-1.62- —
1896 Germany	532	(d) F.	(d)	.13- .95- —
1897 N. J	328	7 M.	(d)	1.00-2.40-2.00
1897 N. J	328	6 F.	(d)	.84-1.00- .92
1897 N. J	328	13 (d)	(d)	1.50-1.50-1.50
1897 Australia	428	(d) F.	(d)	.26-1.01- —
1898 N. J	329	6 M.	60-60-60	.83-1.32-1.03
1898 N. Y	338	32 F.	48-48-48	1.00-1.66-1.34
1898 Australia	429	(d) F.	(d)	.26-1.01- —
1899 England	158	(d) F.	(d)	.42- .50- —

BUTTONHOLE TACKERS, BOOTS AND SHOES.

1886	Md.	3	1 F.	55-55-55	.67- .67- .67	1887 Minn	3	2 F.	59-59-59	.73- .75- .74
1886	Mo.	3	4 F.	58-59-59	.42-1.00- .65	1887 Ohio	3	7 F.	56-60-59	.50- .75- .64
1887	Ky.	3	1 F.	58-58-58	.83- .83- .83					

a Not including hours of 84 persons not reported.
b Not including hours of 7 persons not reported.
c Not including hours of 1 person not reported.
d Not reported.
e Not including hours of 2 persons not reported.
f And board.
g Not including hours of 4 persons not reported.
h Not including hours of 222 persons not reported.
i Not including hours of 67 persons not reported.
j Not including hours of 10 persons not reported.
k Not including hours of 5 persons not reported.
l Applies to but 3 of the 4 wage quotations.
n Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTTON MAKERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Germany	185	(a) M.	(a)	0.18-0.18-0.18
1862 Mass	8	49 M.	60-60-60	2.50-2.50-2.50
1864 Germany	185	(a) M.	(a)	.20- .20- .20
1865 Germany	185	(a) M.	(a)	.36- .36- .36
1865 Germany	185	(a) F.	(a)	.18- .18- .18
1866 Germany	185	(a) M.	(a)	.36- .36- .36
1866 Germany	185	(a) F.	(a)	.18- .18- .18
1867 Germany	185	(a) M.	(a)	.48- .48- .48
1867 Germany	185	(a) F.	(a)	.18- .18- .18
1868 Germany	185	(a) M.	(a)	.48- .48- .48
1868 Germany	185	(a) F.	(a)	.18- .18- .18
1871 Mass	8	1 M.	60-60-60	.50- .50- .50
1871 Germany	185	(a) M.	(a)	.28- .60- —
1873 Germany	177	(a) M.	(a)	.63- .63- .63
1874 Germany	177	(a) M.	(a)	.63- .63- .63
1875 Germany	177	(a) M.	(a)	.56- .60- —
1876 Germany	177	(a) M.	(a)	.56- .56- .56
1877 Germany	177	(a) M.	(a)	.52- .52- .52
1878 Germany	177	(a) M.	(a)	.48- .48- .48
1882 Germany	174	(a) (a)	60-60-60	.60- .95- —
1883 N. J	322	1 (a)	60-60-60	1.75-1.75-1.75
1883 Germany	47	(a) M.	60-60-60	.71- .71- .71
1884 N. J	323	2 F.	60-60-60	.67- .67- .67
1884 R. I	3	1 F.	(a)	.67- .67- .67
1884 Aust-Hun.	178	(a) (a)	60-66 —	.18-1.33- —
1884 Germany	178	(a) M.	b72-72-72	.28-1.03- —
1884 Germany	178	(a) F.	72-72-72	.24- .52- —
1884 Italy	178	(a) M.	66-66-66	.38-1.15- —
1885 Mass	7	8 F.	60-60-60	.92-1.08-1.01
1885 N. J	324	2 M.	60-60-60	2.00-2.25-2.13
1885 N. J	324	2 F.	60-60-60	.50- .83- .67
1885 N. Y	330	455 F.	c60-60-60	.85-1.20-1.00
1886 N. J	325	10 F.	60-60-60	.50- .83- .62
1886 Pa	7	3 F.	59-59-59	.66- .94- .80
1886 R. I	3	3 F.	59-59-59	.41- .83- .55
1886 Germany	548	(a) (a)	(a)	0.48-0.95- —
1887 Conn	202	132 M.	(a)	.92-2.55-2.54
1887 Conn	202	28 F.	(a)	1.06-1.06-1.06
1887 Mass	3	1 F.	58-58-58	.75- .75- .75
1887 Ohio	369	1 M.	60-60-60	1.75-1.75-1.75
1889 Aust-Hun	91	(a) M.	(a)	.50- .58- —
1889 Canada	471	(a) M.	56-56-56	1.40-1.40-1.40
1889 Portugal	691	(a) (a)	(a)	.08½-.37- —
1890 Aust-Hun	109	(a) M.	(a)	.40- .40- .40
1890 Aust-Hun	109	(a) F.	(a)	.23- .23- .23
1890 Netherl'ds	666	(a) M.	(a)	.67- .67- .67
1891 Mich	283	19 F.	(a)	.48- .48- .48
1891 China	105	(a) (a)	(a)	.23- .23- .23
1892 Conn	8	7 F.	60-60-60	.83- .83- .83
1893 Ill	10	1 F.	60-60-60	.83- .83- .83
1893 N. Y	10	7 M.	59-65-60	.83-3.33-1.70
1893 N. Y	10	12 F.	46-72-56	.50-1.17- .92
1893 Pa	10	1 M.	60-60-60	.83- .83- .83
1893 Pa	10	2 F.	60-60-60	.58- .77- .68
1893 France	507	(a) (a)	60-60-60	.77- .77- .77
1894 Iowa	236	5 M.	60-60-60	.42-1.50-1.11
1894 Iowa	236	27 F.	60-60-60	.30- .83- .54
1894 France	129	(a) M.	60-60-60	1.18-1.18-1.18
1894 France	129	(a) F.	60-60-60	.54- .54- .54
1895 Mass	8	32 M.	60-60-60	2.00-3.00-2.28
1895 Mass	8	12 F.	60-60-60	2.00-2.00-2.00
1895 Pa	8	1 M.	60-60-60	1.00-1.00-1.00
1896 Pa	7	4 F.	58-58-58	.63-1.19- .98
1897 Aust-Hun.	437	(a) (a)	65-65-65	.49- .51- —
1897 France	511	(a) M.	66-66-66	.58-1.16- —
1897 France	511	(a) F.	66-66-66	.29- .39- —
1898 N. J	329	108 M.	60-60-60	1.17-3.00-1.81
1898 France	512	(a) M.	63-66 —	.69- .97- —
1898 France	512	(a) (a)	63-63-63	.21- .24- —

BUTTON MARKERS, BOOTS AND SHOES.

1885	N. Y	1	2	M.	60-60-60	1.00-1.00-1.00	1891	Me	257	2 (a) (a) 1.87-1.87-1.87
1885	N. Y	1	17	F.	60-60-60	.96-1.00- .99	1892	Ill	210	1 F. 56-56-56 .43- .43- .43
1887	Ohio	3	1	F.	60-60-60	.75- .75- .75				

BUTTON SEWERS, BOOTS AND SHOES.

1879	Pa	7	5	F.	57-57-57	.63-1.17- .92	1887	Ohio	3	15 F.	48-60-58 .33- .83- .59
1884	N. J	323	10	F.	60-60-60	.50-1.33- .70	1887	Pa	3	1 F.	52-52-52 1.36-1.36-1.36
1885	Cal	1	1	F.	60-60-60	1.37-1.37-1.37	1888	Ind	3	1 F.	59-59-59 .67- .67- .67
1885	Mass	7	1	F.	59-59-59	1.92-1.92-1.92	1888	N. Y	331	58 M.	d52-59-55 .83-1.33-1.01
1885	N. J	324	10	F.	60-60-60	.83- .92- .85	1888	N. Y	331	21 F.	e44-59-54 .30-1.50-1.02
1885	N. Y	1	4	M.	60-60-60	1.50-1.50-1.50	1890	N. Y	333	27 M.	(a) .63-1.16- .86
1885	N. Y	7	3	F.	59-59-59	.67- .67- .67	1890	N. Y	333	1 F.	(a) .42- .42- .42
1885	Ohio	7	3	M.	60-60-60	1.00-1.17-1.07	1891	Me	257	1 F.	60-60-60 1.00-1.00-1.00
1885	Pa	1	39	F.	60-60-60	.90- .90- .90	1891	Me	257	2 (a)	(a) 1.62-1.62-1.62
1886	Md	3	8	F.	53-62-58	.48-1.17- .72	1891	N. Y	333	20 M.	(a) .42-1.40- .85
1886	Mo	3	12	F.	56-59-58	.25-1.17- .64	1892	Ill	210	5 F.	56-56-56 .50-1.25-1.00
1886	N. J	325	28	F.	60-60-60	.33-1.33- .77	1892	Me	258	13 F.	(a) .58-1.08- .83
1886	Pa	3	2	F.	54-57-56	.58- .75- .67	1893	N. J	327	7 F.	d56-56-56 .50-1.33- .88
1887	Ill	3	4	F.	53-59-57	.42-1.00- .73	1894	N. Y	8	1 F.	60-60-60 .83- .83- .83
1887	Ky	3	2	F.	47-58-53	.13- .25- .19	1895	Mass	7	2 F.	58-58-58 1.53-1.59-1.56
1887	Md	3	1	F.	58-58-58	.33- .33- .33	1895	N. Y	7	3 F.	59-59-59 .67- .67- .67
1887	Minn	3	2	F.	59-59-59	.67-1.00- .84	1896	Ohio	7	8 M.	60-60-60 .81-1.21-1.09
1887	N. Y	3	11	F.	52-60-55	.29-1.25- .70	1896	Pa	7	8 F.	59-60-60 .42- .97- .59

a Not reported.
b Applies to but 8 of the 9 wage quotations.
c Not including hours of 450 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

BUTTON SEWERS, CLOTHING.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1880 Pa	7	4 F.	60-60-60	0.50-0.58-0.56
1882 Pa	7	2 F.	52-52-52	.50- .50- .50
1883 N. C	7	1 F.	60-60-60	.50- .50- .50
1884 Mich	278	5 F.	(a)	.40- .40- .40
1884 Va	7	14 F.	55-55-55	.83- .83- .83
1885 Conn	7	4 F.	(a)	.67- .83- .79
1885 Md	7	6 F.	54-60-56	.42- .63- .50
1885 Mass	7	2 F.	60-60-60	.62- .69- .66
1885 N. Y	1	62 F.	66-66-66	.38- .83- .58
1885 N. Y	7	2 F.	65-65-65	.70- .71- .71
1886 Md	3	4 F.	54-60-58	.33- .75- .59
1886 N. J	3	1 F.	54-54-54	.67- .67- .67
1886 N. Y	7	4 F.	b 60-60-60	.50- .74- .66
1886 Ohio	3	1 F.	(a)	1.17-1.17-1.17
1886 Pa	3	4 F.	45-60-55	.38- .75- .48
1886 Pa	7	3 F.	56-56-56	.58- .67- .64
1886 R. I	3	2 F.	54-61-58	.33- .67- .50
1887 Ill	3	15 F.	48-57-54	.25- .75- .50
1887 La	3	1 F.	60-60-60	.30- .30- .30
1887 Mass	3	5 F.	53-54-53	.42- .75- .51
1887 Minn	3	3 F.	c 54-56-55	.50- .83- .72
1887 N. Y	3	14 F.	c 53-60-55	.25-1.17- .57
1887 Ohio	3	13 F.	c 53-60-55	.21- .83- .48
1888 Ind	3	4 F.	c 55-57-56	.25-1.25- .75
1888 Me	254	2 F.	60-60-60	.50-1.00- .75
1888 N. Y	331	33 M.	d 60-60-60	.67-1.50 .83
1888 N. Y	331	13 F.	e 60-60-60	.50-1.34- .82
1888 Va	3	2 F.	55-56-56	0.33-0.71-0.52
1888 England	597	(a) (a)	(a)	.49- .73- —
1890 N. Y	333	30 M.	(a)	.50-2.50- .94
1890 N. Y	333	4 F.	(a)	1.33-1.67-1.50
1890 N. Y	333	7 (a)	(a)	.50- .50- .50
1891 Mich	283	15 F.	(a)	.38- .65- .53
1891 N. Y	333	35 M.	(a)	.50-2.50- .91
1891 N. Y	333	4 F.	(a)	1.33-1.67-1.50
1891 N. Y	333	8 (a)	(a)	.50- .50- .50
1892 Ill	210	10 F.	48-54-53	.27-1.12- .62
1892 Me	258	3 F.	60-60-60	.50-1.17- .75
1893 N. J	327	5 F.	c 60-60-60	.50- .83- .65
1894 France	508	(a) F.	60-60-60	.24- .24- .24
1895 Conn	7	1 F.	59-59-59	1.17-1.17-1.17
1895 Md	7	8 F.	54-57-55	.33- .67- .49
1895 N. J	7	4 F.	58-58-58	.40- .45- .42
1895 N. Y	7	2 F.	60-60-60	1.37-1.57-1.47
1895 N. Y	8	12 F.	55-60-56	.67-1.17- .85
1895 N. Y	341	8 F.	f 54-66-59	.21-1.33- .95
1895 N. C	7	1 F.	60-60-60	.50- .50- .50
1895 Ohio	376	3 F.	54-54-54	.70- .70- .70
1895 Va	7	10 F.	55-55-55	.83- .83- .83
1896 Nebr	314	4 F.	57-57-57	.75- .75- .75
1896 N. Y	7	7 F.	59-60-59	.52- .77- .63
1896 Pa	7	8 F.	52-56-54	.58- .83- .70
1896 Vt	7	4 F.	64-66-65	1.03-1.49-1.27

BUYERS, MANUFACTURES AND TRADE.

(g)	Ireland	562	(a)	M.	(a)	.61- .81- —
1883	Tenn	7	1	M.	57-57-57	4.17-4.17-4.17
1884	La	7	3	M.	60-60-60	(h)
1884	Mich	278	4	M.	(a)	5.00-5.00-5.00
1884	Ohio	7	1	M.	60-60-60	5.83-5.83-5.83
1884	R. I	7	1	M.	57-57-57	6.00-6.00-6.00
1884	Aust-Hun	178	(a)	M.	66-66-66	1.67-1.67-1.67
1885	La	7	2	M.	(a)	5.00-5.83-5.42
1887	N. Y	3	4	F.	53-61-56	2.33-5.82-3.96
1887	Wis	409	5	M.	(a)	2.79-2.79-2.79
1888	Kans	242	1	M.	72-72-72	2.30-2.30-2.30
1889	R. I	398	1	F.	57-57-57	3.00-3.00-3.00
1890	N. Y	333	4	M.	(a)	1.67-5.75-3.68
1890	Netherl'ds	666	(a)	M.	(a)	.67-1.07- —
1891	Ill	19	2	M.	(a)	4.49-4.49-4.49
1891	N. Y	333	4	M.	(a)	1.67-5.75-3.68
1892	Ill	19	1	M.	(a)	4.49-4.49-4.49
1893	Ill	19	1	M.	(a)	4.49-4.49-4.49
1893	Md	10	1	M.	60-60-60	4.17-4.17-4.17
1894	Iowa	236	3	M.	54-90-68	1.87-3.85-3.19
1894	Ohio	375	1	M.	54-54-54	4.50-4.50-4.50
1894	C. of G'd H	487	(a)	M.	54-60 —	3.73-3.73-3.73
1895	La	7	10	M.	60-60-60	5.00-16.67-9.75
1895	R. I	7	19	M.	57-60-57	2.33-6.41-4.47
1895	R. I	7	1	F.	57-57-57	3.00-3.00-3.00
1895	S. C	7	5	M.	66-66-66	3.27-5.77-4.37
1895	Tenn	7	1	M.	57-57-57	5.00-5.00-5.00
1896	Ill	7	1	F.	54-54-54	3.33-3.33-3.33
1896	Iowa	7	1	M.	58-58-58	3.83-3.83-3.83
1896	Kans	250	1	M.	60-60-60	2.88-2.88-2.88
1896	Ohio	7	1	M.	58-58-58	6.67-6.67-6.67
1897	Kans	251	2	M.	48-60-54	1.53-1.74-1.64
1897	Nebr	314	1	M.	(a)	1.35-1.35-1.35

CABIN BOYS.

1871	Sweden	165	(a)	(a)	(a)	.13- .13- .13
1884	England	178	(a)	M.	(a)	.24- .32- —
1884	France	178	(a)	M.	(a)	.16- .16- .16
1884	Italy	178	(a)	M.	(a)	.13- .13- .13
1884	Spain	178	(a)	M.	(a)	.22- .44- —
1894	Italy	127	(a)	M.	(a)	.10- .16- —
1899	Germany	163	(a)	M.	(a)	.14- .14- .14

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 31 persons not reported.
e Not including hours of 9 persons not reported.
f Not including hours of 4 persons not reported.
g Average for 1856–58.
h $10.00-$16.67-$14.44.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1810 Scotland	572	(a)	(a)	60-60-60	0.77-0.77-0.77
1811 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1812 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1813 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1814 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1815 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1816 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1817 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1818 Scotland	572	(a)	(a)	60-60-60	.77- .77- .77
1821 Ireland	572	(a)	(a)	(a)	.85- .85- .85
1822 Ireland	572	(a)	(a)	(a)	.85- .85- .85
1823 Ireland	572	(a)	(a)	(a)	.85- .85- .85
1824 Ireland	572	(a)	(a)	(a)	.85- .85- .85
1825 Ireland	572	(a)	(a)	(a)	.85- .85- .85
1826 Ireland	572	(a)	(a)	(a)	.81- .81- .81
1827 Ireland	572	(a)	(a)	(a)	.73- .73- .73
1828 Ireland	572	(a)	(a)	(a)	.73- .73- .73
1829 Ireland	572	(a)	(a)	(a)	.73- .73- .73
1830 Ireland	572	(a)	(a)	(a)	.65- .65- .65
1831 Ireland	572	(a)	(a)	(a)	.65- .65- .65
1831 Scotland	572	(a)	(a)	60-60-60	.61- .61- .61
1832 Ireland	572	(a)	(a)	(a)	.65- .65- .65
1832 Switzerl'd.	714	(a)	M.	(a)	b .13- .19- —
1833 Ireland	572	(a)	(a)	(a)	.65- .69- —
1834 Ireland	572	(a)	(a)	(a)	.65- .69- —
1838 Mass	8	1	M.	72-72-72	1.25-1.25-1.25
1840 England	564	(a)	(a)	50-50-50	.81-1.22- —
1840 Scotland	563	(a)	(a)	60-60-60	.85- .85- .85
1845 N. J	8	3	M.	72-72-72	1.50-1.50-1.50
1846 Belgium	632	(a)	(a)	(a)	.38- .38- .38
1850 Mass	8	3	M.	60-66-62	1.50-1.75-1.58
1850 England	564	(a)	(a)	50-50-50	.81-1.22- —
1850 England	599	(a)	M.	(a)	.60- .60- .60
1850 Scotland	563	(a)	(a)	60-60-60	.85- .85- .85
1851 England	599	(a)	M.	(a)	.66- .66- .66
1852 Mass	8	1	M.	60-60-60	1.75-1.75-1.75
1852 England	599	(a)	M.	(a)	.79- .79- .79
1853 England	599	(a)	M.	(a)	1.01-1.01-1.01
1853 France	113	(a)	M.	(a)	.42- .68- —
1854 Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1854 Belgium	185	(a)	M.	(a)	.50- .50- .50
1854 England	599	(a)	M.	(a)	1.13-1.13-1.13
1855 Mass	8	1	M.	66-66-66	1.75-1.75-1.75
1855 N. J	8	3	M.	60-60-60	1.50-1.75-1.58
1855 N. Y	8	3	M.	60-60-60	1.50-2.00-1.67
1855 England	561	(a)	(a)	(a)	1.18-1.18-1.18
1855 England	599	(a)	M.	(a)	1.24-1.24-1.24
1856 Mass	8	2	M.	60-60-60	1.25-1.50-1.38
1856 Canada	8	(a)	M.	72-72-72	c .27- .27- .27
1856 England	561	(a)	(a)	(a)	1.18-1.18-1.18
1856 England	599	(a)	M.	(a)	1.30-1.30-1.30
1857 England	561	(a)	(a)	(a)	1.18-1.18-1.18
1857 England	599	(a)	M.	(a)	1.16-1.16-1.16
1857 France	463	(a)	(a)	(a)	.65- .65- .65
1857 Ireland	561	(a)	(a)	(a)	.81-1.62- —
1857 Ireland	563	(a)	(a)	60-60-60	.73- .97- —
(d) Scotland	561	(a)	(a)	(a)	.85- .85- .85
1858 N. Y	8	2	M.	60-60-60	1.50-1.50-1.50
1858 England	562	(a)	M.	(a)	1.18-1.18-1.18
1858 England	599	(a)	M.	(a)	1.16-1.16-1.16
1858 Ireland	563	(a)	(a)	60-60-60	1.05-1.22- —
1859 England	563	(a)	M.	60-60-60	1.18-1.18-1.18
1859 England	599	(a)	M.	(a)	1.21-1.21-1.21
1859 Ireland	563	(a)	(a)	60-72 —	1.14-1.34- —
1860 N. J	8	4	M.	60-60-60	1.50-2.00-1.63
1860 N. Y	8	3	M.	60-60-60	1.50-1.50-1.50
1860 Ohio	361	1	M.	(a)	1.33-1.33-1.33
1860 Pa	8	3	M.	60-60-60	2.00-2.00-2.00
1860 England	564	(a)	(a)	50-58 —	.81-1.22- —
1860 England	599	(a)	M.	(a)	1.20-1.20-1.20
1860 France	609	(a)	(a)	78-78-78	.97- .97- .97
1860 Germany	185	(a)	M.	(a)	.36- .36- .36
1860 Ireland	563	(a)	(a)	60-72 —	.73-1.34- —
1860 Scotland	563	(a)	(a)	60-60-60	.97- .97- .97
1861 N. J	8	11	M.	60-60-60	2.00-2.50-2.45
1861 England	564	(a)	(a)	60-72 —	.85-1.18- —
1861 England	599	(a)	M.	(a)	1.11-1.11-1.11
1861 Scotland	564	(a)	(a)	60-60-60	.89- .89- .89
1862 England	599	(a)	M.	(a)	1.26-1.26-1.26
1863 England	565	(a)	(a)	e 60-60-60	.85-1.14- —
1863 England	599	(a)	M.	(a)	1.45-1.45-1.45
1863 Ireland	565	(a)	(a)	(a)	1.14-1.14-1.14
1863 Scotland	565	(a)	(a)	(a)	.97- .97- .97
1864 England	599	(a)	M.	(a)	1.55-1.55-1.55
1864 Germany	610	(a)	M.	(a)	.43- .61- —
1865 England	599	(a)	M.	(a)	1.33-1.33-1.33
1865 Germany	185	(a)	M.	(a)	.36- .36- .36
1866 Del	190	1	M.	60-60-60	2.25-2.25-2.25
1866 N. Y	8	1	M.	72-72-72	3.00-3.00-3.00
1866 Pa	8	2	M.	60-60-60	2.50-2.50-2.50
1866 England	575	(a)	M.	60-60-60	1.22-1.22-1.22
1866 England	599	(a)	M.	(a)	1.32-1.32-1.32
1866 Germany	185	(a)	M.	(a)	.36- .36- .36
1867 Del	190	1	M.	60-60-60	2.50-2.50-2.50
1867 N. Y	8	1	M.	72-72-72	2.00-2.00-2.00
1867 England	575	(a)	M.	58-58-58	1.37-1.37-1.37
1867 England	599	(a)	M.	(a)	1.37-1.37-1.37
1867 Germany	185	(a)	M.	(a)	.36- .36- .36
1868 Belgium	610	(a)	(a)	60-60-60	.54- .54- .54
1868 England	575	(a)	M.	58-58-58	1.37-1.37-1.37
1868 England	599	(a)	M.	(a)	1.38-1.38-1.38
1868 Germany	185	(a)	M.	(a)	.36- .36- .36
1868 Germany	185	(a)	M.	(a)	b .48- .60- —
1868 Italy	185	(a)	M.	(a)	.26- .70- —
1869 Mass	8	1	M.	60-60-60	1.50-1.50-1.50
1869 England	575	(a)	M.	58-58-58	1.37-1.37-1.37
1869 England	599	(a)	M.	(a)	1.28-1.28-1.28
1869 France	609	(a)	(a)	78-78-78	1.06-1.93- —
1869 Germany	609	(a)	(a)	66-66-66	.85- .85- .85
1869 Greece	609	(a)	(a)	(a)	.52-1.03- —
1869 Turkey	609	(a)	(a)	(a)	1.22-1.46- —
1870 Ill	16	5	M.	60-60-60	3.20-3.50-3.44
1870 La	16	4	M.	60-60-60	3.25-3.75-3.50
1870 Md	16	40	M.	60-60-60	2.00-3.00-2.28
1870 Mass	16	36	M.	59-59-59	2.00-3.50-3.00
1870 Minn	16	5	M.	60-60-60	2.00-2.25-2.10
1870 Mo	16	35	M.	54-60-57	2.00-4.00-2.33
1870 N. Y	16	104	M.	60-60-60	2.00-3.00-2.04
1870 Ohio	16	3	M.	60-60-60	2.00-2.50-2.17
1870 Pa	16	8	M.	60-60-60	2.00-3.00-2.47
1870 Va	16	2	M.	60-60-60	2.25-2.50-2.38
1870 Belgium	16	(a)	M.	(a)	.68- .68- .68
1870 Brazil	610	(a)	(a)	(a)	1.22-1.46- —
1870 England	16	(a)	M.	54-60 —	1.23-1.42- —
1870 England	575	(a)	M.	55-55-55	1.58-1.58-1.58
1870 England	599	(a)	M.	(a)	1.49-1.49-1.49
1870 France	16	(a)	M.	(a)	.77-1.45- —
1870 Greece	610	(a)	(a)	(a)	.69- .69- .69
1870 Italy	177	(a)	M.	(a)	.60- .60- .60
1870 Norway	610	(a)	M.	(a)	.76-1.30- —
1870 Switzerl'd.	610	(a)	M.	(a)	.39- .77- —
1871 Del	190	32	M.	60-60-60	2.00-3.33-2.50
1871 Ill	16	8	M.	60-60-60	2.80-3.50-3.30
1871 La	16	3	M.	60-60-60	2.75-3.25-3.00
1871 Md	16	24	M.	60-60-60	2.00-3.00-2.13
1871 Mass	16	37	M.	59-59-59	2.08-4.17-2.94
1871 Mass	267	6	M.	60-60-60	2.50-2.50-2.50
1871 Minn	16	6	M.	60-60-60	2.00-2.25-2.08

a Not reported.
b And board and lodging.
c And board.
d Average for 1855-57.
e Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Mo	16	40 M.	54-60-57	2.00-4.00-2.35
1871 N. Y	16	103 M.	60-60-60	2.00-3.00-2.03
1871 Ohio	16	4 M.	60-60-60	1.67-2.00-1.83
1871 Pa	16	9 M.	60-60-60	2.00-3.00-2.39
1871 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1871 Belgium	16	(a) M.	(a)	.68- .68- .68
1871 Brazil	611	(a) M.	60-60-60	.55- .97- —
1871 Cuba	611	(a) M.	60-60-60	.97-1.95- —
1871 England	16	(a) M.	54-60 —	1.23-1.42- —
1871 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1871 England	599	(a) M.	(a)	1.52-1.52-1.52
1871 England	629	(a) (a)	60-60-60	1.22-1.82- —
1871 France	16	(a) M.	(a)	.77-1.45- —
1871 France	17	(a) M.	(a)	.97- .97- .97
1871 France	611	(a) M.	(a)	.97-1.54- —
1871 France	712	(a) M.	(a)	.58- .97- —
1871 Germany	185	(a) M.	(a)	.30- .68- —
1871 Greece	611	(a) M.	(a)	.81- .91- —
1871 Italy	165	(a) (a)	(a)	.60-1.00- —
1871 Italy	610	(a) M.	b60-60-60	.48- .68- —
1871 Netherl'ds	611	(a) M.	66-72 —	.62- .97- —
1871 Norway	185	(a) (a)	(a)	.75-1.29- —
1872 Del	190	11 M.	60-60-60	2.33-3.00-2.64
1872 Ill	16	16 M.	60-60-60	2.80-3.50-3.18
1872 La	16	3 M.	60-60-60	3.00-3.75-3.33
1872 Md	16	31 M.	60-60-60	2.00-3.00-2.39
1872 Mass	16	35 M.	59-59-59	2.00-3.50-2.88
1872 Minn	16	8 M.	60-60-60	2.00-2.25-2.22
1872 Mo	16	45 M.	54-60-57	2.00-4.00-2.36
1872 N. Y	16	104 M.	60-60-60	2.00-3.00-2.04
1872 Ohio	16	4 M.	60-60-60	1.67-2.00-1.83
1872 Ohio	359	5 M.	(a)	2.00-2.83-2.40
1872 Ohio	361	7 M.	(a)	2.00-2.75-2.37
1872 Pa	16	10 M.	60-60-60	2.00-3.00-2.43
1872 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1872 Belgium	16	(a) M.	(a)	.68- .68- .68
1872 Belgium	185	(a) (a)	(a)	.63- .63- .63
1872 Canada	185	(a) M.	(a)	1.50-1.50-1.50
1872 England	16	(a) M.	54-56 —	1.37-1.52- —
1872 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1872 England	599	(a) M.	(a)	1.41-1.41-1.41
1872 France	16	(a) M.	(a)	.77-1.45- —
1872 France	17	(a) M.	(a)	.97- .97- .97
1872 Germany	185	(a) M.	c60-60-60	.65-1.68- —
1872 Netherl'ds	185	(a) (a)	66-72 —	.60- .97- —
1872 Switzerl'd	714	(a) M.	(a)	.54- .97- —
1873 Del	190	30 M.	60-60-60	2.00-3.00-2.56
1873 Ill	16	5 M.	60-60-60	3.00-3.15-3.10
1873 La	16	4 M.	60-60-60	2.75-3.25-3.00
1873 Md	16	44 M.	60-60-60	2.00-3.00-2.52
1873 Mass	16	34 M.	59-59-59	2.00-3.50-2.94
1873 Minn	16	8 M.	60-60-60	2.00-2.25-2.22
1873 Mo	16	50 M.	54-60-56	2.00-4.00-2.37
1873 N. Y	16	79 M.	60-60-60	1.75-2.50-1.79
1873 Ohio	16	4 M.	60-60-60	1.67-2.00-1.83
1873 Pa	16	8 M.	60-60-60	2.00-3.00-2.47
1873 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1873 Belgium	16	(a) M.	(a)	.68- .68- .68
1873 Canada	185	(a) M.	(a)	1.25-2.75- —
1873 Canada	185	(a) M.	(a)	d1.20-1.20-1.20
1873 Denmark	185	(a) (a)	(a)	.85- .85- .85
1873 England	16	(a) M.	54-56 —	1.37-1.52- —
1873 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1873 England	599	(a) M.	(a)	1.42-1.42-1.42
1873 France	16	(a) M.	(a)	.77-1.45- —
1873 France	17	(a) M.	(a)	.97- .97- .97
1873 France	185	(a) M.	(a)	.40-1.00- —
1873 Germany	185	(a) M.	(a)	.72- .84- —
1873 Germany	185	(a) (a)	(a)	.24- .24- .24
1873 Gr't Brit	185	(a) M.	(a)	1.37-1.37-1.37
1873 Greece	185	(a) (a)	(a)	.80-1.00- —
1873 Ireland	185	(a) M.	(a)	.96-1.20- —
1873 Italy	185	(a) M.	(a)	.70-1.00- —
1873 Italy	185	(a) M.	(a)	d.50- .50- .50
1873 Jamaica	185	(a) M.	(a)	4.50-4.50-4.50
1873 N. Found	185	(a) M.	(a)	1.50-1.50-1.50
1873 Russia	185	(a) M.	(a)	1.30-1.30-1.30
1873 Russia	185	(a) (a)	(a)	d1.25-1.25-1.25
1873 Sweden	167	(a) M.	60-60-60	.62- .77- —
1873 Switzerl'd	185	(a) (a)	(a)	.60-1.00- —
1873 Tripoli	185	(a) (a)	(a)	.52- .52- .52
1873 Tunis	185	(a) (a)	(a)	.75- .75- .75
1874 Del	190	11 M.	60-60-60	2.00-2.67-2.30
1874 Ill	16	3 M.	60-60-60	3.00-3.15-3.05
1874 La	16	4 M.	60-60-60	3.00-3.50-3.25
1874 Md	16	46 M.	60-60-60	2.00-3.00-2.33
1874 Mass	8	3 M.	60-60-60	2.50-3.00-2.75
1874 Mass	16	33 M.	59-59-59	2.17-4.17-2.82
1874 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1874 Mo	16	50 M.	54-60-56	2.00-4.00-2.37
1874 N. Y	16	79 M.	60-60-60	1.75-2.50-1.79
1874 Ohio	16	4 M.	60-60-60	1.67-2.00-1.83
1874 Pa	16	7 M.	60-60-60	2.00-3.00-2.46
1874 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1874 Belgium	16	(a) M.	(a)	.68- .77- —
1874 Canada	185	(a) M.	(a)	1.50-2.00- —
1874 Canada	185	(a) M.	(a)	d1.75-1.75-1.75
1874 England	16	(a) M.	54-56 —	1.37-1.52- —
1874 England	185	(a) M.	(a)	.80-1.92- —
1874 England	185	(a) M.	(a)	e .14- .14- .14
1874 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1874 England	599	(a) M.	(a)	1.41-1.41-1.41
1874 France	16	(a) M.	(a)	.87-1.45- —
1874 France	17	(a) M.	(a)	.97- .97- .97
1874 France	168	(a) M.	(a)	1.00-1.00-1.00
1874 Scotland	185	(a) M.	51-51-51	1.00-1.37- —
1875 Del	190	7 M.	60-60-60	1.92-2.50-2.16
1875 Ill	16	9 M.	60-60-60	2.35-3.00-2.63
1875 La	16	2 M.	60-60-60	3.25-3.50-3.38
1875 Md	16	43 M.	60-60-60	2.00-3.00-2.35
1875 Mass	16	31 M.	59-59-59	2.00-3.25-2.59
1875 Mass	270	71 M.	(a)	1.87-3.00-2.42
1875 Minn	16	11 M.	60-60-60	2.25-2.25-2.25
1875 Mo	16	60 M.	54-60-56	2.17-4.00-2.45
1875 N. Y	16	80 M.	60-60-60	1.75-2.50-1.80
1875 Ohio	16	4 M.	60-60-60	1.67-2.00-1.83
1875 Pa	16	9 M.	60-60-60	2.00-2.70-2.30
1875 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1875 Belgium	16	(a) M.	(a)	.63- .77- —
1875 England	16	(a) M.	54-56 —	1.37-1.52- —
1875 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1875 England	599	(a) M.	(a)	1.54-1.54-1.54
1875 France	16	(a) M.	(a)	.87-1.45- —
1875 France	17	(a) M.	(a)	.97- .97- .97
1875 France	177	(a) M.	(a)	.90-1.10- —
1875 France	496	(a) M.	(a)	.53-1.06- —
1875 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1875 Spain	169	(a) M.	(a)	1.25-1.25-1.25
1876 Del	190	21 M.	60-60-60	1.67-2.50-1.95
1876 Ill	16	8 M.	60-60-60	2.40-3.00-2.50
1876 La	16	2 M.	60-60-60	3.25-3.50-3.38
1876 Md	16	36 M.	60-60-60	2.00-3.00-2.46
1876 Mass	8	2 M.	60-60-60	1.75-2.00-1.88
1876 Mass	16	25 M.	59-59-59	2.00-3.33-2.52
1876 Minn	16	11 M.	60-60-60	2.25-2.25-2.25
1876 Mo	16	60 M.	54-60-56	2.17-4.00-2.45
1876 N. Y	16	85 M.	60-60-60	1.75-2.50-1.84
1876 Ohio	16	5 M.	60-60-60	1.83-2.17-1.97

a Not reported
b Applies to but 1 of the 4 wage quotations.
c Applies to but 1 of the 8 wage quotations.
d And board.
e Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	16	12 M.	60-60-60	2.00-2.50-2.25
1876 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1876 Belgium	16	(a) M.	(a)	.63- .77- —
1876 England	16	(a) M.	54-56 —	1.37-1.64- —
1876 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1876 England	599	(a) M.	(a)	1.46-1.46-1.46
1876 France	16	(a) M.	(a)	.87-1.45- —
1876 France	17	(a) M.	(a)	.97- .97- .97
1876 France	497	(a) M.	(a)	.52-1.06- —
1876 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1877 Del	190	15 M.	60-60-60	1.67-2.33-1.79
1877 Ill	16	10 M.	60-60-60	2.30-3.00-2.45
1877 La	16	3 M.	60-60-60	3.25-3.50-3.33
1877 Md	16	34 M.	60-60-60	2.00-3.00-2.43
1877 Mass	16	20 M.	59-59-59	1.67-3.33-2.26
1877 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1877 Mo	16	55 M.	54-60-56	2.17-4.00-2.44
1877 N. J	317	3 M.	59-59-59	1.75-2.27-1.94
1877 N. Y	16	90 M.	60-60-60	1.75-2.50-1.88
1877 Ohio	16	4 M.	60-60-60	2.00-2.25-2.13
1877 Ohio	359	82 M.	(a)	1.50-2.00-1.67
1877 Pa	16	13 M.	60-60-60	2.00-2.50-2.25
1877 Pa	382	63 M.	b60-60-60	1.50-2.00-1.81
1877 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1877 Belgium	16	(a) M.	(a)	.63- .77- —
1877 England	16	(a) M.	54-56 —	1.37-1.64- —
1877 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1877 England	599	(a) M.	(a)	1.42-1.42-1.42
1877 France	16	(a) M.	(a)	.87-1.45- —
1877 France	17	(a) M.	(a)	.97- .97- .97
1877 Germany	177	(a) M.	(a)	.60- .80- —
1877 Scotland	177	(a) M.	51-51-51	1.13-1.21- —
1878 Del	190	17 M.	60-60-60	1.17-2.33-1.42
1878 Ill	16	15 M.	60-60-60	2.30-3.00-2.43
1878 La	16	3 M.	60-60-60	3.00-3.25-3.08
1878 Md	16	32 M.	60-60-60	2.00-2.50-2.28
1878 Mass	16	29 M.	59-59-59	1.67-3.67-1.99
1878 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1878 Mo	16	55 M.	54-60-56	2.17-4.00-2.44
1878 N. Y	16	90 M.	60-60-60	1.75-2.50-1.88
1878 Ohio	16	4 M.	60-60-60	2.00-2.17-2.08
1878 Ohio	360	11 M.	c60-60-60	1.67-2.00-1.89
1878 Pa	16	21 M.	60-60-60	2.00-3.00-2.42
1878 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1878 Australia	177	(a) M.	(a)	2.03-2.84- —
1878 Belgium	16	(a) M.	(a)	.63- .77- —
1878 Belgium	177	(a) M.	(a)	.80- .80- .80
1878 Belgium	177	(a) M.	(a)	d.08- .08- .08
1878 Canada	177	(a) M.	(a)	1.15-1.92- —
1878 England	16	(a) M.	54-56 —	1.37-1.64- —
1878 England	177	(a) M.	c54-54-54	1.28-2.03- —
1878 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1878 England	599	(a) M.	(a)	1.26-1.26-1.26
1878 France	16	(a) M.	(a)	.87-1.45- —
1878 France	17	(a) M.	(a)	.97- .97- .97
1878 France	177	(a) M.	c60-60-60	.80-1.20- —
1878 France	498	(a) M.	(a)	.55-1.35- —
1878 Germany	177	(a) M.	(a)	.66-1.07- —
1878 Germany	544	(a) M.	(a)	d.14½-.14½-.14½
1878 Italy	177	(a) M.	(a)	.76-1.00- —
1878 Scotland	177	(a) M.	f51-54 —	1.00-1.50- —
1878 Spain	177	(a) M.	g60-60-60	.70- .70- .70
1878 Switzerl'd	177	(a) M.	(a)	1.00-1.00-1.00
1879 Del	190	10 M.	60-60-60	1.17-2.33-1.67
1879 Ill	16	10 M.	60-60-60	2.20-3.00-2.35
1879 La	16	3 M.	60-60-60	3.00-3.25-3.08
1879 Md	16	33 M.	60-60-60	2.00-2.50-2.29
1879 Mass	16	21 M.	59-59-59	1.83-3.67-2.18
1879 Minn	16	11 M.	60-60-60	2.25-2.25-2.25
1879 Mo	16	60 M.	54-60-56	2.17-4.00-2.45
1879 N. J	318	7 (a)	59-60-59	1.25-2.83-1.77
1879 N. Y	16	100 M.	60-60-60	1.75-2.50-1.94
1879 Ohio	16	4 M.	60-60-60	1.67-2.00-1.88
1879 Ohio	361	11 M.	(a)	1.00-1.67-1.40
1879 Pa	16	23 M.	60-60-60	2.00-3.00-2.44
1879 Pa	384	81 M.	h54-60-59	1.25-2.00-1.63
1879 Va	16	2 M.	60-60-60	1.50-2.00-1.75
1879 Belgium	16	(a) M.	(a)	.63- .77- —
1879 England	16	(a) M.	54-56 —	1.37-1.64- —
1879 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1879 England	599	(a) M.	(a)	1.19-1.19-1.19
1879 France	16	(a) M.	(a)	.87-1.45- —
1879 France	17	(a) M.	(a)	.97- .97- .97
1879 France	499	(a) M.	(a)	.56-1.25- —
1879 Germany	545	(a) M.	(a)	.60- .95- —
1880 Ill	16	2 M.	60-60-60	2.30-3.00-2.65
1880 La	16	2 M.	60-60-60	2.50-3.25-2.88
1880 Md	16	29 M.	60-60-60	2.00-2.50-2.17
1880 Mass	16	35 M.	59-59-59	1.67-3.50-2.19
1880 Minn	16	12 M.	60-60-60	2.25-2.25-2.25
1880 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1880 N. J	319	11 M.	59-60-59	1.50-3.00-2.18
1880 N. Y	16	100 M.	60-60-60	1.75-2.50-1.94
1880 Ohio	16	4 M.	60-60-60	1.67-2.00-1.88
1880 Pa	16	27 M.	60-60-60	2.00-3.00-2.45
1880 Pa	385	3 M.	60-60-60	1.62-2.00-1.77
1880 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1880 Belgium	16	(a) M.	(a)	.68- .82- —
1880 England	16	(a) M.	54-56 —	1.37-1.64- —
1880 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1880 England	599	(a) M.	(a)	1.12-1.12-1.12
1880 France	16	(a) M.	(a)	.97-1.45- —
1880 France	17	(a) M.	(a)	1.06-1.06-1.06
1880 France	500	(a) M.	(a)	.58-1.25- —
1880 Germany	546	(a) M.	(a)	.48-1.07- —
1880 Sweden	21	(a) (a)	(a)	.81-1.13- —
1880 Switzerl'd	21	(a) (a)	66-66-66	.67- .80- —
1881 Del	190	33 M.	60-60-60	1.50-3.00-1.94
1881 Ill	16	43 M.	60-60-60	2.20-3.00-2.43
1881 La	16	2 M.	60-60-60	2.50-3.25-2.88
1881 Md	16	38 M.	60-60-60	2.00-2.50-2.28
1881 Mass	16	31 M.	59-59-59	2.00-3.33-2.53
1881 Minn	16	14 M.	60-60-60	2.25-2.25-2.25
1881 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1881 N. J	320	1 M.	57-57-57	2.83-2.83-2.83
1881 N. Y	16	128 M.	60-60-60	2.00-3.00-2.22
1881 Ohio	16	5 M.	60-60-60	1.83-2.00-1.90
1881 Ohio	363	103 M.	60-60-60	1.33-2.75-1.78
1881 Pa	16	26 M.	60-60-60	2.00-3.00-2.42
1881 Pa	386	3 M.	60-60-60	1.25-2.20-1.82
1881 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1881 Belgium	16	(a) M.	(a)	.68- .82- —
1881 England	16	(a) M.	54-56 —	1.37-1.64- —
1881 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1881 England	599	(a) M.	(a)	1.38-1.38-1.38
1881 France	16	(a) M.	(a)	.97-1.45- —
1881 France	17	(a) M.	(a)	1.06-1.06-1.06
1881 France	501	(a) M.	(a)	.58-1.54- —
1881 Germany	514	(a) (a)	(a)	.49- .57- —
1882 Del	190	17 M.	60-60-60	1.75-3.00-2.12
1882 Ill	16	14 M.	60-60-60	2.30-3.00-2.53
1882 La	16	2 M.	60-60-60	2.50-3.25-2.88
1882 Md	16	32 M.	60-60-60	2.00-2.50-2.25
1882 Mass	16	25 M.	59-59-59	2.17-3.33-2.55
1882 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1882 Mo	16	60 M.	54-60-56	2.25-4.00-2.47

a Not reported.
b Not including hours of 45 persons not reported.
c Not including hours of 9 persons not reported.
d Per hour.
e Applies to but 1 of the 5 wage quotations.
f Applies to but 7 of the 8 wage quotations.
g Applies to but 1 of the 3 wage quotations.
h Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Mo	294	18 M.	60-60-60	1.25-3.17-2.06
1882 N. Y	16	130 M.	60-60-60	2.00-3.00-2.23
1882 Ohio	16	5 M.	60-60-60	1.50-2.00-1.77
1882 Ohio	364	401 (a)	54-60-59	1.50-2.50-2.07
1882 Pa	2	100 M.	60-60-60	2.50-2.75-2.63
1882 Pa	16	33 M.	60-60-60	2.00-3.00-2.46
1882 Pa	387	1 M.	60-60-60	1.75-1.75-1.75
1882 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1882 Belgium	16	(a) M.	(a)	.68- .82- —
1882 Canada	33	(a) (a)	(a)	1.75-2.00- —
1882 England	16	(a) M.	54-56 —	1.37-1.64- —
1882 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1882 England	599	(a) M.	(a)	1.36-1.36-1.36
1882 France	16	(a) M.	(a)	.97-1.45- —
1882 France	17	(a) M.	(a)	1.06-1.06-1.06
1882 France	502	(a) M.	(a)	.59-1.74- —
1882 Germany	174	(a) (a)	78-78-78	.48- .95- —
1882 Germany	557	(a) (a)	57-63 —	.36- .95- —
1883 Del	190	25 M.	60-60-60	1.75-3.33-2.07
1883 Ill	16	9 M.	60-60-60	2.30-2.40-2.38
1883 La	16	5 M.	60-60-60	2.25-3.25-2.55
1883 Md	16	32 M.	60-60-60	2.00-2.50-2.23
1883 Mass	16	26 M.	59-59-59	2.16-3.50-2.64
1883 Mass	273	197 M.	(a)	1.17-4.17-2.26
1883 Mich	277	360 M.	(a)	.65-6.00-1.94
1883 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1883 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1883 N. J	322	1 M.	60-60-60	3.00-3.00-3.00
1883 N. Y	16	130 M.	60-60-60	2.00-3.00-2.23
1883 Ohio	16	5 M.	60-60-60	1.42-2.00-1.68
1883 Ohio	365	14 M.	54-60-60	1.50-2.50-1.98
1883 Pa	16	37 M.	60-60-60	2.00-3.00-2.44
1883 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1883 Australia	174	(a) (a)	(a)	2.19-2.43- —
1883 Belgium	16	(a) M.	(a)	.68- .82- —
1883 England	16	(a) M.	54-56 —	1.37-1.64- —
1883 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1883 England	599	(a) M.	(a)	1.24-1.24-1.24
1883 France	16	(a) M.	(a)	.97-1.55- —
1883 France	17	(a) M.	(a)	1.06-1.06-1.06
1883 France	503	(a) M.	(a)	.58-1.54- —
1883 Gr't Brit	273	(a) M.	(a)	1.23-1.46- —
1883 Ireland	630	(a) M.	59-59-59	1.32-1.42- —
1884 Cal	192	10 M.	60-60-60	2.00-3.00-2.40
1884 Del	190	24 M.	60-60-60	1.75-3.33-2.11
1884 Fla	7	1 M.	60-60-60	2.33-2.33-2.33
1884 Ill	16	33 M.	60-60-60	2.20-2.50-2.28
1884 Iowa	231	5 M.	60-60-60	1.75-2.50-1.95
1884 La	16	2 M.	60-60-60	2.50-3.25-2.88
1884 Md	16	29 M.	60-60-60	2.00-2.50-2.26
1884 Mass	16	25 M.	59-59-59	1.67-3.50-2.65
1884 Mich	278	179 M.	(a)	.40-3.00-1.91
1884 Minn	16	14 M.	60-60-60	2.25-2.25-2.25
1884 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1884 Mo	295	3 M.	60-60-60	2.00-2.67-2.22
1884 N. J	323	67 M.	60-60-60	2.00-2.75-2.35
1884 N. Y	16	131 M.	60-60-60	2.00-3.20-2.28
1884 Ohio	16	5 M.	60-60-60	1.42-2.00-1.68
1884 Ohio	366	7 M.	57-57-57	1.95-1.95-1.95
1884 Pa	16	42 M.	60-60-60	2.00-3.00-2.46
1884 Pa	388	1 M.	(a)	2.00-2.00-2.00
1884 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1884 Australia	178	(a) (a)	48-48-48	1.82-3.25- —
1884 Aust-Hun	178	(a) M.	60-72 —	.63-1.20- —
1884 Azores	178	(a) M.	(a)	0.31-0.52- —
1884 Bahamas	178	(a) M.	(a)	.72-1.00- —
1884 Belgium	16	(a) M.	(a)	.68- .82- —
1884 Belgium	178	(a) M.	b 60-72 —	.41-1.33- —
1884 Brazil	178	(a) M.	c 60-60-60	.84-2.58- —
1884 Br. Guiana	178	(a) M.	54-54-54	.83-2.00- —
1884 Br. Hond	178	(a) (a)	54-54-54	.63-1.70- —
1884 Canada	178	(a) M.	d 60-60-60	1.00-3.00- —
1884 Canada	466	(a) M.	60-60-60	1.60-1.60-1.60
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.33-2.00- —
1884 Ceylon	178	(a) (a)	53-53-53	.29- .58- —
1884 China	178	(a) M.	60-60-60	.23- .31- —
1884 Colombia	178	(a) (a)	60-60-60	.99-2.42- —
1884 Cuba	178	(a) M.	59-59-59	2.79-3.25- —
1884 Cuba	178	(a) (a)	(a)	.93- .93- .93
1884 Denmark	178	(a) M.	60-60-60	.51-1.22- —
1884 Ecuador	178	(a) M.	60-60-60	1.50-2.00- —
1884 England	16	(a) M.	54-56 —	1.37-1.64- —
1884 England	178	(a) M.	e 53-57 —	.81-1.83- —
1884 England	178	(a) M.	(a)	f .12- .14- —
1884 England	575	(a) M.	55-55-55	1.58-1.58-1.58
1884 England	599	(a) M.	(a)	1.23-1.23-1.23
1884 France	16	(a) M.	(a)	.97-1.55- —
1884 France	17	(a) M.	(a)	1.06-1.06-1.06
1884 France	178	(a) M.	g 60-66 —	.67-1.45- —
1884 France	178	(a) F.	(a)	.29- .29- .29
1884 France	504	(a) M.	(a)	.58-1.54- —
1884 Germany	178	(a) M.	h 60-72 —	.40-1.19- —
1884 Germany	178	(a) (a)	63-63-63	.43- .71- —
1884 Gibraltar	178	(a) M.	56-56-56	.83-1.33- —
1884 Hawai. Is	178	(a) (a)	54-54-54	2.50-4.00- —
1884 Ireland	178	(a) M.	i 56-60 —	.81-1.46- —
1884 Italy	178	(a) M.	j 60-72 —	.34-1.00- —
1884 Japan	184	(a) M.	(a)	.20- .20- .20
1884 Madeira Is	178	(a) M.	54-54-54	.65- .65- .65
1884 Malta	178	(a) M.	54-60 —	.36- .85- —
1884 Mexico	178	(a) (a)	k 60-60-60	.43-3.00- —
1884 Morocco	178	(a) (a)	60-72 —	.50-2.00- —
1884 Netherl'ds	178	(a) M.	60-68 —	.67-1.60- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.70-2.92- —
1884 Peru	178	(a) M.	(a)	2.46-2.46-2.46
1884 Philip. Is	178	(a) M.	(a)	.75-1.50- —
1884 Portugal	178	(a) M.	(a)	.50- .80- —
1884 Russia	178	(a) M.	60-72 —	.50-2.92- —
1884 Russia	178	(a) M.	72-72-72	l .15-1.10- —
1884 Scotland	178	(a) M.	i 51-60 —	.81-1.38- —
1884 S'ra Leone	178	(a) M.	48-48-48	.54- .84- —
1884 Spain	178	(a) M.	n 54-63 —	.60-1.16- —
1884 Switzerl'd	178	(a) M.	60-66 —	.68-1.26- —
1884 Switzerl'd	178	(a) (a)	(a)	.77-1.16- —
1884 Turkey	178	(a) M.	(a)	.88-1.32- —
1884 Turk. in A	178	(a) (a)	66-66-66	.40-6.00- —
1884 Wales	178	(a) M.	o 54-54-54	.81-1.28- —
1885 Del	190	18 M.	60-60-60	1.50-2.17-1.65
1885 Ill	16	50 M.	60-60-60	2.20-2.50-2.35
1885 Ind	1	143 M.	60-60-60	1.50-2.00-1.59
1885 Kans	239	7 M.	54-60-59	1.50-2.00-1.73
1885 Ky	1	27 M.	54-54-54	1.80-1.80-1.80
1885 La	16	4 M.	60-60-60	2.50-3.50-3.06
1885 Md	16	27 M.	60-60-60	2.00-2.50-2.28
1885 Mass	16	30 M.	59-59-59	1.83-3.50-2.56
1885 Mich	1	124 M.	60-72-61	.50-3.00-1.82
1885 Mich	279	5 M.	(a)	2.00-2.00-2.00

a Not reported.
b Applies to but 6 of the 8 wage quotations.
c Applies to but 2 of the 6 wage quotations.
d Applies to but 31 of the 36 wage quotations.
e Applies to but 25 of the 50 wage quotations.
f Per hour.
g Applies to but 8 of the 10 wage quotations.
h Applies to but 48 of the 57 wage quotations.
i Applies to but 7 of the 9 wage quotations.
j Applies to but 14 of the 20 wage quotations.
k Applies to but 4 of the 8 wage quotations.
l And board and lodging.
n Applies to but 12 of the 13 wage quotations.
o Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1885 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1885 N. J	324	2 M.	60-60-60	2.50-2.75-2.63
1885 N. Y	1	27 M.	60-60-60	2.00-2.75-2.49
1885 N. Y	7	26 M.	(a)	2.50-3.00-2.88
1885 N. Y	16	132 M.	60-60-60	2.00-3.20-2.29
1885 Ohio	16	9 M.	60-60-60	1.42-2.00-1.60
1885 Pa	16	62 M.	b60-60-60	1.50-3.00-2.34
1885 R. I	7	1 M.	48-48-48	2.54-2.54-2.54
1885 Va	16	2 M.	60-60-60	1.25-2.00-1.63
1885 Australia	175	(a) (a)	(a)	1.62-2.84- —
1885 Belgium	16	(a) M.	(a)	.68- .82- —
1885 Canada	467	(a) M.	60-60-60	1.54-1.54-1.54
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 England	16	(a) M.	54-56 —	1.37-1.64- —
1885 England	575	(a) M.	55-55-55	1.58-1.67- —
1885 England	599	(a) M.	(a)	1.17-1.17-1.17
1885 France	16	(a) M.	(a)	.97-1.55- —
1885 France	17	(a) M.	(a)	1.06-1.06-1.06
1885 France	494	(a) M.	(a)	.71-1.50- —
1885 Germany	547	(a) M.	(a)	.60-1.19- —
1885 Germany	547	(a) (a)	(a)	.60- .83- —
1885 Norway	184	(a) (a)	(a)	.64- .64- .64
1886 Cal	193	83 M.	c60-60-60	2.00-4.00-2.89
1886 Cal	193	8 M.	60-72-68	d2.50-2.88-2.64
1886 Conn	2	40 M.	60-60-60	2.30-2.30-2.30
1886 Del	190	15 M.	60-60-60	1.50-2.17-1.67
1886 Ill	16	16 M.	60-60-60	2.30-3.20-2.48
1886 Ill	208	44 M.	60-60-60	1.33-2 00-1.98
1886 Iowa	232	62 M.	e51-72-60	.96-5.00-2.24
1886 Kans	240	1 M.	60-60-60	2.00-2.00-2.00
1886 La	16	3 M.	60-60-60	2.50-3.25-2.75
1886 Md	16	27 M.	60-60-60	2.00-2.50-2.28
1886 Mass	8	3 M.	60-60-60	2.00-2.75-2.42
1886 Mass	16	35 M.	59-59-59	1.83-3.50-2.65
1886 Mich	2	18 M.	60-60-60	2.25-2.25-2.25
1886 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1886 Mo	2	1000 M.	59-59-59	1.75-2.25-2.00
1886 Mo	16	60 M.	54-60-56	2.25-4.00-2.47
1886 N. Y	16	132 M.	60-60-60	2.00-3.20-2.29
1886 Ohio	2	175 M.	54-60-58	1.50-2.25-1.93
1886 Ohio	16	8 M.	60-60-60	1.50-2.50-1.88
1886 Ohio	368	4 M.	(a)	.68-1.84-1.46
1886 Pa	2	1008 M.	48-60-56	1.66-2.50-1.97
1886 Pa	16	71 M.	f60-60-60	1.50-3.00-2.39
1886 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1886 Argentina	57	(a) M.	60-60-60	2.50-3.00- —
1886 Australia	184	(a) M.	(a)	1.62-2.43- —
1886 Aust-Hun	60	(a) (a)	(a)	.37- .56- —
1886 Aust-Hun	184	(a) (a)	(a)	.39- .65- —
1886 Belgium	16	(a) M.	(a)	.68- .82- —
1886 Belgium	456	(a) (a)	(a)	.77- .97- —
1886 Canada	73	(a) M.	(a)	1.50-2.50- —
1886 Canada	468	(a) M.	53-61 —	1.41-1.63- —
1886 C. of G'd H	483	(a) (a)	(a)	1.46-2.43- —
1886 England	16	(a) M.	54-56 —	1.37-1.64- —
1886 England	575	(a) M.	55-55-55	1.58-1.67- —
1886 England	599	(a) M.	(a)	.88- .88- .88
1886 England	604	(a) M.	54-54-54	1.28-1.28-1.28
1886 France	16	(a) M.	(a)	.97-1.55- —
1886 France	17	(a) M.	(a)	1.06-1.06-1.06
1886 France	495	(a) M.	(a)	.71-1.50- —
1886 Germany	175	(a) (a)	(a)	.50-1.00- —
1886 Japan	184	(a) M.	(a)	.20- .20- .20
1886 Netherl'ds	456	(a) (a)	72-72-72	.93- .93- .93
1887 Conn	202	4 M.	(a)	2.39-2.39-2.39
1887 Del	190	10 M.	60-60-60	1.83-2.75-2.10
1887 Ill	16	28 M.	60-60-60	2.30-3.20-2.43
1887 Kans	241	6 M.	g72-72-72	2.17-2.75-2.53
1887 La	16	8 M.	60-60-60	2.25-3.25-2.53
1887 Md	4	12 M.	(a)	1.60-2.00-1.86
1887 Md	16	43 M.	54-54-54	2.00-2.50-2.27
1887 Mass	16	30 M.	59-59-59	2.00-3.50-2.55
1887 Mich	4	2 M.	60-60-60	2.10-2.50-2.30
1887 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1887 Mo	4	12 M.	(a)	2.50-2.85-2.63
1887 Mo	16	70 M.	54-60-56	2.25-4.00-2.60
1887 N. J	4	2 M.	(a)	2.50-2.50-2.50
1887 N. Y	4	15 M.	(a)	2.10-2.63-2.21
1887 N. Y	16	131 M.	60-60-60	2.00-3.20-2.28
1887 N. C	342	4 M.	60-60-60	1.00-1.75-1.44
1887 Ohio	16	22 M.	60-60-60	1.33-2.50-1.69
1887 Ohio	369	1667 M.	48-60-59	.75-2.75-1.98
1887 Pa	4	36 M.	(a)	2.00-2.80-2.20
1887 Pa	16	70 M.	f54-60-60	1.67-3.00-2.45
1887 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1887 Wis	409	320 M.	(a)	1.25-1.97-1.97
1887 Australia	420	(a) (a)	(a)	1.95-2.43- —
1887 Belgium	16	(a) M.	(a)	.68- .82- —
1887 Canada	469	(a) M.	58-59 —	1.53-1.53-1.53
1887 England	16	(a) M.	54-56 —	1.37-1.64- —
1887 England	575	(a) M.	55-55-55	1.58-1.67- —
1887 France	16	(a) M.	(a)	.97-1.55- —
1887 France	17	(a) M.	(a)	1.06-1.06-1.06
1887 France	463	(a) (a)	(a)	1.00-1.00-1.00
1887 France	495	(a) M.	(a)	.70-1.50- —
1887 Germany	557	(a) (a)	54-57 —	.60-1.19- —
1887 Japan	184	(a) M.	(a)	.20- .31- —
1887 Netherl'ds	598	(a) (a)	72-72-72	.91- .91- .91
1888 Del	190	13 M.	60-60-60	1.83-2.75-2.12
1888 Ill	16	38 M.	60-60-60	2.30-2.50-2.40
1888 Ind	3	1 F.	60-60-60	2.00-2.00-2.00
1888 Iowa	233	9 M.	60-60-60	1.43-2.25-2.04
1888 Kans	242	8 M.	(a)	2.05-2.50-2.29
1888 La	16	3 M.	60-60-60	2.25-3.25-2.67
1888 Md	16	28 M.	54-54-54	2.00-2.50-2.25
1888 Mass	16	37 M.	59-59-59	1.83-3.80-2.61
1888 Minn	16	16 M.	60-60-60	2.25-2.25-2.25
1888 Mo	16	80 M.	54-60-56	2.25-4.00-2.61
1888 N. J	326	123 M.	h54-58-57	1.50-3.25-1.51
1888 N. Y	16	132 M.	60-60-60	2.00-3.20-2.29
1888 N. Y	331	979 M.	i45-60-58	1.28-3.26-2.31
1888 N. C	343	8 M.	j60-72-64	.58-2.50-1.54
1888 Ohio	16	17 M.	60-60-60	1.50-2.00-1.72
1888 Ohio	370	1665 M.	(a)	1.40-2.50-2.00
1888 Pa	16	68 M.	k54-60-60	1.67-3.33-2.44
1888 R. I	397	3 M.	(a)	1.70-2.25-2.07
1888 Va	16	2 M.	60-60-60	2.25-2.50-2.38
1888 Australia	83	(a) (a)	(a)	2.00-2.50- —
1888 Australia	421	(a) M.	(a)	1.95-2.43- —
1888 Belgium	16	(a) M.	(a)	.68- .89- —
1888 Canada	80	(a) M.	l60-60-60	1.67-2.00- —
1888 Canada	470	(a) M.	58-58-58	1.57-1.57-1.57
1888 C. of G'd H	483	(a) (a)	(a)	.73-2.92- —
1888 England	16	(a) M.	54-56 —	1.37-1.64- —
1888 England	574	(a) (a)	53-60 —	.97-1.64- —
1888 England	575	(a) M.	55-55-55	1.58-1.67- —
1888 France	16	(a) M.	(a)	.97-1.55- —
1888 France	17	(a) M.	(a)	1.06-1.06-1.06
1888 Germany	558	(a) (a)	57-57-57	.48-1.07- —
1888 Gr't Brit	574	(a) (a)	58-58-58	1.14-1.14-1.14
1888 Ireland	574	(a) (a)	54-60 —	.97-1.32- —

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 18 persons not reported.
d And board.
e Not including hours of 47 persons not reported.
f Not including hours of 10 persons not reported.
g Not including hours of 5 persons not reported.
h Not including hours of 120 persons not reported.
i Not including hours of 194 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 8 persons not reported.
l Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1888 Scotland	574	(a) (a)	51-54 —	1.05-1.38- —
1888 Wales	574	(a) (a)	54-59 —	1.05-1.14- —
1889 Del	190	11 M.	60-60-60	1.83-3.00-2.18
1889 Ill	16	37 M.	60-60-60	2.30-2.50-2.38
1889 La	16	4 M.	60-60-60	2.25-3.00-2.63
1889 Md	16	26 M.	54-54-54	2.00-2.50-2.29
1889 Mass	16	30 M.	54-59-59	1.83-3.50-2.53
1889 Mich	281	901 M.	60-60-60	.38-3.50-1.60
1889 Minn	16	19 M.	60-60-60	2.25-2.50-2.32
1889 Mo	16	80 M.	54-60-56	2.25-4.00-2.61
1889 N. Y	16	130 M.	60-60-60	2.00-3.20-2.28
1889 Ohio	16	19 M.	60-60-60	1.33-2.50-1.71
1889 Pa	16	70 M.	b 54-60-60	1.67-3.33-2.41
1889 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1889 Australia	422	(a) (a)	54-54-54	2.19-2.19-2.19
1889 Australia	422	(a) (a)	54-54-54	c.81-1.62- —
1889 Belgium	16	(a) M.	(a)	.68- .89- —
1889 Canada	471	(a) M.	58-58-58	1.55-1.61- —
1889 China	88	(a) (a)	(a)	.30- .30- .30
1889 Denmark	520	(a) (a)	(a)	.67- .67- .67
1889 England	16	(a) M.	54-56 —	1.37-1.64- —
1889 England	575	(a) M.	55-55-55	1.58-1.67- —
1889 England	576	(a) M.	d 53-60 —	.97-1.64- —
1889 England	576	(a) M.	(a)	e .18½-.18½-.18½
1889 France	16	(a) M.	(a)	.97-1.74- —
1889 France	17	(a) M.	(a)	1.06-1.06-1.06
1889 Germany	550	(a) M.	(a)	.71-1.19- —
1889 Germany	615	(a) M.	(a)	.58-1.03- —
1889 Ireland	576	(a) M.	54-60 —	.97-1.32- —
1889 Italy	95	(a) (a)	(a)	.60-2.00- —
1889 Netherl'ds	516	(a) M.	(a)	e .07- .08- —
1889 Scotland	16	(a) M.	51-51-51	1.22-1.38- —
1889 Scotland	576	(a) M.	51-54 —	1.05-1.38- —
1889 Spain	515	(a) M.	(a)	.48- .97- —
1889 Wales	576	(a) M.	(a)	1.05-1.16- —
1890 Del	190	25 M.	60-60-60	1.83-3.33-2.24
1890 Ill	16	33 M.	60-60-60	2.30-2.50-2.35
1890 Kans	244	7 M.	(a)	1.75-2.28-2.11
1890 La	16	3 M.	60-60-60	2.50-3.50-2.83
1890 Md	16	23 M.	54-54-54	2.00-2.50-2.26
1890 Mass	8	1 M.	66-66-66	1.50-1.50-1.50
1890 Mass	16	24 M.	54-59-59	1.83-3.50-2.56
1890 Mich	282	28 M.	60-60-60	1.50-2.25-1.93
1890 Minn	16	19 M.	60-60-60	2.50-2.50-2.50
1890 Minn	292	61 M.	(a)	1.25-2.50-2.07
1890 Mo	16	80 M.	54-60-56	2.25-4.00-2.61
1890 N. Y	16	132 M.	60-60-60	2.00-3.00-2.24
1890 N. Y	333	1407 M.	(a)	1.25-4.17-2.13
1890 Ohio	16	24 M.	60-60-60	1.17-2.50-1.74
1890 Ohio	371	343 (a)	48-60-60	1.10-2.50-1.84
1890 Pa	16	69 M.	b 54-60-60	1.67-3.33-2.41
1890 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1890 Australia	423	(a) (a)	48-72 —	.81-2.64- —
1890 Australia	423	(a) (a)	(a)	c 1.22-1.22-1.22
1890 Aust-Hun	632	(a) M.	(a)	.19- .64- —
1890 Aust-Hun	632	(a) M.	(a)	f .06¼- .26- —
1890 Belgium	16	(a) M.	(a)	.68- .89- —
1890 C. of G'd H	484	(a) M.	(a)	1.95-2.43- —
1890 C. of G'd H	484	(a) M.	(a)	e .24½-.30½- —
1890 England	16	(a) M.	54-56 —	1.37-1.64- —
1890 England	575	(a) M.	55-55-55	1.58-1.67- —
1890 England	577	(a) M.	g 53-60 —	1.01-1.70- —
1890 France	16	(a) M.	(a)	1.06-1.74- —
1890 France	17	(a) M.	(a)	1.16-1.16-1.16
1890 Ireland	577	(a) M.	54-57 —	1.05-1.42- —
1890 Netherl'ds	616	(a) M.	72-72-72	0.96-0.96-0.96
1890 Norway	184	(a) (a)	(a)	.70- .70- .70
1890 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1890 Scotland	577	(a) M.	51-54 —	1.05-1.38- —
1890 Spain	632	(a) M.	(a)	.48- .97- —
1890 Wales	577	(a) M.	(a)	1.05-1.16- —
1891 Del	190	19 M.	60-60-60	1.83-3.33-2.17
1891 Ill	16	30 M.	60-60-60	2.30-2.50-2.38
1891 La	16	3 M.	60-60-60	2.25-3.50-2.75
1891 Md	16	24 M.	54-54-54	2.00-2.50-2.27
1891 Mass	16	19 M.	54-54-54	1.71-4.00-2.43
1891 Minn	16	17 M.	60-60-60	2.50-2.50-2.50
1891 Mo	16	80 M.	54-60-56	2.25-4.00-2.61
1891 Mo	300	12 M.	(a)	2.50-2.85-2.62
1891 N. Y	16	131 M.	60-60-60	2.00-3.00-2.24
1891 N. Y	333	1427 M.	(a)	1.00-4.17-2.19
1891 N. C	346	1 M.	60-60-60	1.50-1.50-1.50
1891 Ohio	16	24 M.	60-60-60	1.33-2.50-1.74
1891 Ohio	372	967 M.	48-60-59	1.00-2.50-1.94
1891 Pa	16	81 M.	h 54-60-60	1.67-3.50-2.46
1891 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1891 Australia	134	(a) M.	(a)	2.04-2.04-2.04
1891 Aust-Hun	134	(a) (a)	(a)	.41- .41- .41
1891 Belgium	16	(a) M.	(a)	.68- .89- —
1891 Belgium	457	(a) M.	60-66 —	.08- .95- —
1891 Belgium	632	(a) (a)	(a)	.58- .97- —
1891 China	105	(a) (a)	(a)	.35- .35- .35
1891 China	134	(a) (a)	60-60-60	.38- .38- .38
1891 England	16	(a) M.	54-56 —	1.37-1.64- —
1891 England	576	(a) M.	i 54-54-54	1.28-1.64- —
1891 England	578	(a) M.	52-60 —	1.01-1.70- —
1891 France	16	(a) M.	(a)	1.06-1.74- —
1891 France	17	(a) M.	(a)	1.16-1.16-1.16
1891 France	505	(a) M.	j 54-74 —	.77-2.51- —
1891 France	522	(a) M.	(a)	.70-1.50- —
1891 Germany	11	(a) M.	(a)	.71- .91- —
1891 Germany	551	(a) (a)	(a)	.71-1.07- —
1891 Ireland	578	(a) M.	54-57 —	1.05-1.42- —
1891 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1891 Scotland	577	(a) M.	k 51-54 —	.73-1.55- —
1891 Scotland	578	(a) M.	51-54 —	1.05-1.38- —
1891 Wales	578	(a) M.	56-59 —	1.05-1.16- —
1892 Cal	196	51 M.	l 54-60-55	1.17-3.50-2.52
1892 Del	16	50 M.	60-60-60	1.50-3.00-2.04
1892 Del	190	22 M.	60-60-60	1.84-3.00-2.16
1892 Ill	16	36 M.	60-60-60	2.30-2.50-2.35
1892 Ind	227	363 M.	54-60-60	1.47-2.64-1.71
1892 La	16	3 M.	54-54-54	2.50-3.50-2.92
1892 Md	16	44 M.	54-54-54	2.00-2.50-2.28
1892 Mass	16	21 M.	54-54-54	1.65-4.00-2.52
1892 Minn	16	14 M.	60-60-60	2.50-2.50-2.50
1892 Mo	16	85 M.	54-60-56	2.25-4.00-2.59
1892 Mo	301	702 M.	n 48-60-60	1.83-2.80-2.52
1892 N. Y	16	130 M.	60-60-60	2.00-2.75-2.17
1892 Ohio	16	27 M.	60-60-60	1.33-2.50-1.79
1892 Pa	16	85 M.	h 54-60-59	1.58-3.50-2.45
1892 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1892 Algeria	505	(a) M.	60-70 —	.97-1.35- —
1892 Australia	424	(a) M.	(a)	.89-2.68- —
1892 Belgium	16	(a) M.	(a)	.68- .89- —
1892 C. of G'd H	486	(a) M.	(a)	1.95-3.65- —
1892 Corsica	505	(a) M.	57-63 —	.58- .92- —
1892 Denmark	595	(a) M.	(a)	.81- .81- .81
1892 England	16	(a) M.	54-56 —	1.37-1.64- —
1892 England	577	(a) M.	o 53-56 —	.89-1.64- —

a Not reported.
b Not including hours of 10 persons not reported.
c And board and lodging.
d Applies to but 42 of the 43 wage quotations.
e Per hour.
f And board.
g Applies to but 43 of the 44 wage quotations.
h Not including hours of 11 persons not reported.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 11 of the 12 wage quotations.
k Applies to but 14 of the 16 wage quotations.
l Not including hours of 5 persons not reported.
n Not including hours of 2 persons not reported.
o Applies to but 13 of the 14 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1892 England ..	578	(a) M.	52-60 —	1.01-1.70- —
1892 England ..	632	(a) M.	b54-60 —	.74-1.95- —
1892 France	16	(a) M.	(a)	1.06-1.74- —
1892 France	17	(a) M.	(a)	1.16-1.16-1.16
1892 France	505	(a) M.	54-84 —	.29-1.35- —
1892 France	505	(a) F.	72-72-72	.24- .24- .24
1892 Germany ..	667	(a) (a)	(a)	.81- .81- .81
1892 Ireland ...	577	(a) M.	56-56-56	1.42-1.42-1.42
1892 Ireland ...	578	(a) M.	54-56 —	1.05-1.42- —
1892 Ireland ...	632	(a) M.	54-56 —	.76-2.03- —
1892 Italy	112	(a) M.	66-66-66	1.00-1.20- —
1892 Japan	184	(a) M.	(a)	.21- .37- —
1892 Scotland ..	11	(a) (a)	(a)	1.30-1.30-1.30
1892 Scotland ..	16	(a) M.	51-51-51	1.38-1.38-1.38
1892 Scotland ..	577	(a) M.	51-51-51	.97-1.46- —
1892 Scotland ..	578	(a) M.	51-54 —	.73-1.55- —
1892 Scotland ..	632	(a) M.	51-51-51	.85-1.46- —
1892 Spain	115	(a) M.	(a)	.85- .90- —
1892 Wales	578	(a) M.	56-59 —	1.05-1.16- —
1893 Del.....	20	60 M.	60-60-60	1.50-3.00-2.02
1893 Ill.....	10	31 M.	48-72-58	1.00-3.33-2.10
1893 Ill.....	16	7 M.	60-60-60	2.30-2.50-2.38
1893 La	16	17 M.	60-60-60	2.50-3.25-2.55
1893 Md.....	10	30 M.	48-72-60	.67-4.17-1.83
1893 Md.....	16	32 M.	54-54-54	2.00-2.50-2.25
1893 Mass	16	21 M.	54-54-54	1.65-4.00-2.49
1893 Mich	285	1 M.	57-57-57	2.30-2.30-2.30
1893 Minn.....	16	11 M.	60-60-60	2.25-2.25-2.25
1893 Mo.....	16	100 M.	54-60-56	2.25-4.00-2.60
1893 Mont.....	307	8 M.	54-60-57	3.33-4.50-3.77
1893 N. Y.....	10	8 M.	45-60-56	1.00-2.50-1.60
1893 N. Y.....	16	105 M.	60-60-60	2.00-2.50-2.14
1893 Ohio	16	20 M.	60-60-60	1.33-2.50-1.69
1893 Ohio	374	1125 M.	c48-60-58	1.00-2.50-1.92
1893 Pa	10	26 M.	d54-66-60	1.00-2.75-1.97
1893 Pa	16	77 M.	e54-60-60	2.00-3.50-2.50
1893 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1893 Belgium ..	16	(a) M.	(a)	.68- .89- —
1898 England ..	16	(a) M.	54-56 —	1.37-1.64- —
1893 England ..	578	(a) M.	f51-58 —	.66-1.66- —
1893 France	16	(a) M.	(a)	1.06-1.74- —
1893 France	17	(a) M.	(a)	1.16-1.16-1.16
1893 France	507	(a) (a)	60-72 —	.77-1.06- —
1893 Germany ..	11	(a) M.	(a)	.87- .87- .87
1893 Ireland ...	583	(a) M.	(a)	1.32-1.37- —
1893 N. Zealand	578	(a) M.	54-54-54	1.28-1.37- —
1893 N. Zealand	668	(a) M.	48-55 —	1.62-2.43- —
1893 Scotland ..	16	(a) M.	51-51-51	1.38-1.38-1.38
1893 Scotland ..	578	(a) M.	51-54 —	.97-1.46- —
1893 Wales	578	(a) M.	54-54-54	1.37-1.37-1.37
1894 Del.....	20	10 M.	60-60-60	1.67-3.00-1.97
1894 Ga	8	11 M.	d60-60-60	1.50-1.70-1.68
1894 Ill	16	9 M.	60-60-60	2.30-2.40-2.33
1894 Ind	228	106 M.	43-60-52	1.34-2.50-1.68
1894 Iowa	236	1 M.	54-54-54	2.00-2.00-2.00
1894 La	16	11 M.	54-54-54	2.25-3.25-2.34
1894 Me.....	260	13 M.	60-60-60	1.50-2.00-1.89
1894 Md.....	16	30 M.	54-54-54	2.00-2.50-2.27
1894 Mass	8	2 M.	54-54-54	2.50-2.75-2.63
1894 Mass	16	21 M.	54-54-54	1.65-3.50-2.50
1894 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1894 Mo.....	16	65 M.	54-60-55	2.00-4.00-2.57
1894 N. H	316	3 M.	57-60-59	1.42-1.75-1.56
1894 N. Y.....	8	24 M.	60-60-60	1.20-2.50-1.67
1894 N. Y.....	16	105 M.	60-60-60	2.00-2.50-2.14
1894 N. C.....	8	2 M.	60-60-60	1.25-2.00-1.63
1894 Ohio	16	15 M.	60-60-60	1.33-2.50-1.67
1894 Ohio	374	3 M.	(a)	1.25-1.83-1.47
1894 Ohio	375	934 M.	g48-72-58	.98-2.25-1.80
1894 Pa	16	79 M.	h54-60-58	2.00-3.50-2.45
1894 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1894 Australia .	416	(a) (a)	(a)	i.24½-.24½-.24½
1894 Australia .	425	(a) (a)	(a)	1.42-2.31- —
1894 Aust-Hun .	434	(a) M.	57-66 —	.47- .81- —
1894 Belgium ..	16	(a) M.	(a)	.68- .89- —
1894 C.of G'd H.	487	(a) M.	j54-54-54	1.96-3.04- —
1894 England ..	16	(a) M.	54-56 —	1.37-1.64- —
1894 England ..	590	(a) (a)	(a)	i.14- .15- —
1894 France	16	(a) M.	(a)	1.06-1.74- —
1894 France	17	(a) M.	(a)	1.16-1.16-1.16
1894 France	128	(a) M.	(a)	i.14- .16- —
1894 France	129	(a) M.	60-60-60	1.16-3.47- —
1894 France	508	(a) M.	60-72 —	.58-1.06- —
1894 Gr't Brit ..	590	(a) (a)	(a)	.85- .95- —
1894 Scotland ..	16	(a) M.	51-51-51	1.38-1.38-1.38
1894 Scotland ..	590	(a) (a)	(a)	i.13- .14- —
1894 Spain	632	(a) (a)	(a)	.48- .72- —
1895 Del	20	23 M.	60-60-60	1.09-3.00-1.78
1895 Ill	16	9 M.	60-60-60	2.30-2.40-2.33
1895 La	16	3 M.	54-54-54	2.25-2.50-2.41
1895 Md.....	16	31 M.	54-54-54	2.00-2.50-2.27
1895 Mass	8	5 M.	54-60-56	2.00-2.50-2.40
1895 Mass	16	23 M.	54-54-54	1.65-4.00-2.51
1895 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1895 Mo.....	16	65 M.	54-60-55	2.00-4.00-2.57
1895 N. Y.....	7	35 M.	48-48-48	2.83-3.17-2.98
1895 N. Y.....	8	13 M.	60-60-60	2.00-2.50-2.35
1895 N. Y.....	16	130 M.	60-60-60	2.00-2.50-2.12
1895 N. C.....	8	13 M.	60-60-60	.75-2.00-1.42
1895 Ohio	16	8 M.	60-60-60	1.33-2.00-1.54
1895 Ohio	376	962 M.	k45-60-56	1.00-3.00-1.83
1895 Pa	16	66 M.	l54-60-59	2.00-3.50-2.47
1895 R. I	7	2 M.	55-55-55	1.38-1.65-1.52
1895 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1895 Wis	413	35 (a)	48-60-59	1.00-2.50-1.58
1895 Australia .	417	(a) (a)	(a)	i.24½-.24½-.24½
1895 Australia .	426	(a) (a)	(a)	1.42-2.31- —
1895 Aust-Hun .	435	(a) M.	54-60 —	.81-1.22- —
1895 Belgium ..	16	(a) M.	(a)	.68- .89- —
1895 Canada ...	187	(a) M.	60-60-60	1.50-2.33- —
1895 China	136	(a) (a)	(a)	m.13- .13- .13
1895 England ..	16	(a) M.	54-56 —	1.37-1.64- —
1895 England ..	585	(a) M.	(a)	1.28-1.37- —
1895 England ..	586	(a) M.	(a)	1.01-1.11- —
1895 France	16	(a) M.	(a)	1.06-1.74- —
1895 France	17	(a) M.	(a)	1.16-1.16-1.16
1895 France	509	(a) (a)	60-66 —	.68- .97- —
1895 France	513	(a) M.	n60-66 —	.52-1.16- —
1895 Ireland ..	586	(a) M.	(a)	1.30-1.46- —
1895 N. Found .	187	(a) M.	60-60-60	1.00-1.67- —
1895 Nicaragua	140	(a) (a)	(a)	1.00-1.75- —
1895 Scotland ..	16	(a) M.	51-51-51	1.38-1.38-1.38
1895 Spain	133	(a) M.	(a)	.85- .90- —
1895 Switzerl'd.	710	(a) (a)	(a)	i.08⅓-.09½- —
1896 Fla	7	1 M.	60-60-60	2.08-2.08-2.08
1896 Ga	15	2 M.	(a)	1.17-1.25-1.21
1896 Ill.....	12	1 M.	(a)	3.00-3.00-3.00
1896 Ill.....	16	10 M.	60-60-60	2.20-2.40-2.30
1896 Kans.....	250	1 M.	60-60-60	1.25-1.25-1.25
1896 La	16	2 M.	54-54-54	2.25-2.50-2.38

a Not reported.
b Applies to but 20 of the 23 wage quotations.
c Not including hours of 69 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 17 persons not reported.
f Applies to but 24 of the 27 wage quotations.
g Not including hours of 147 persons not reported.
h Not including hours of 16 persons not reported.
i Per hour.
j Applies to but 3 of the 4 wage quotations.
k Not including hours of 162 persons not reported.
l Not including hours of 13 persons not reported.
m And board.
n Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CABINETMAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Md	16	41 M.	54-54-54	2.00-2.50-2.27
1896 Mass	8	1 M.	60-60-60	2.25-2.25-2.25
1896 Mass	16	28 M.	54-54-54	1.65-3.50-2.52
1896 Minn	7	10 M.	60-60-60	1.52-2.25-1.89
1896 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1896 Mo	16	54 M.	54-60-56	2.00-4.00-2.53
1896 Mo	305	756 M.	48-60-59	.95-2.78-1.97
1896 N. Y	8	14 M.	54-60-60	2.00-3.00-2.46
1896 N. Y	16	155 M.	60-60-60	2.50-2.50-2.50
1896 N. Y	336	18 M.	(a)	.83-3.33-2.03
1896 N. C	350	4 M.	60-60-60	1.00-1.25-1.19
1896 Ohio	16	8 M.	60-60-60	1.33-2.00-1.54
1896 Ohio	377	893 M.	*b* 48-60-57	1.25-2.50-1.59
1896 Pa	16	63 M.	*c* 54-60-59	2.00-3.50-2.49
1896 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1896 Algeria	505	(a) M.	(a)	.97-1.16- —
1896 Algeria	505	(a) M.	(a)	*d* .09½- .11½- —
1896 Australia	184	(a) M.	(a)	1.01-2.03- —
1896 Australia	427	(a) (a)	(a)	1.42-2.31- —
1896 Aust-Hun	184	(a) (a)	(a)	.68- .81- —
1896 Aust-Hun	436	(a) (a)	54-61 —	.47- .95- —
1896 Belgium	16	(a) M.	(a)	.68- .89- —
1896 Belgium	184	(a) (a)	(a)	.94- .94- .94
1896 Br. Guiana	184	(a) M.	(a)	.83-1.07- —
1896 Canada	482	(a) (a)	*e* 54-54-54	2.50-3.00- —
1896 Corsica	505	(a) M.	(a)	.58- .58- .58
1896 Corsica	505	(a) M.	(a)	*d* .07- .07- .07
1896 England	16	(a) M.	53-56 —	1.37-1.68- —
1896 England	592	(a) M.	(a)	1.28-1.52- —
1896 France	16	(a) M.	(a)	1.06-1.74- —
1896 France	17	(a) M.	(a)	1.16-1.16-1.16
1896 France	184	(a) (a)	(a)	*d* .16- .16- .16
1896 France	505	(a) M.	(a)	.43-1.38- —
1896 France	505	(a) M.	(a)	*d* .04- .12½- —
1896 France	510	(a) (a)	*f* 60-72 —	.63-1.06- —
1896 Ireland	592	(a) M.	(a)	1.05-1.46- —
1896 Scotland	16	(a) M.	51-51-51	1.21-1.72- —
1896 Scotland	592	(a) M.	(a)	.89-1.41- —
1897 Ill	16	16 M.	60-60-60	2.20-2.40-2.33
1897 La	16	2 M.	60-60-60	2.25-2.25-2.25
1897 Md	16	27 M.	54-54-54	2.00-2.50-2.22
1897 Mass	8	45 M.	54-60-60	1.50-2.67-2.43
1897 Mass	16	27 M.	54-54-54	1.65-3.50-2.54
1897 Mich	289	740 M.	(a)	1.40-1.40-1.40
1897 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1897 Mo	16	50 M.	54-60-56	2.00-4.00-2.44
1897 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1897 N. Y	16	160 M.	60-60-60	2.00-2.50-2.42
1897 N. Y	337	1121 M.	(a)	1.50-3.00-2.35
1897 Ohio	16	23 M.	60-60-60	1.00-2.00-1.53
1897 Pa	16	59 M.	*g* 54-60-59	1.80-3.33-2.46
1897 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1897 Va	404	8 M.	57-60-60	.85-2.00-1.51
1897 Australia	418	(a) (a)	(a)	*d* .24½-.24½-.24½
1897 Australia	428	(a) (a)	(a)	.41-2.43- —
1897 Aust-Hun	437	(a) M.	54-54-54	.41- .81- —
1897 England	593	(a) (a)	*h* 53-54 —	1.22-1.76- —
1897 France	511	(a) M.	60-60-60	.97- .97- .97
1897 Ireland	593	(a) (a)	(a)	1.09-1.51- —
1897 Scotland	587	(a) M.	(a)	*d* .15- .15- .15
1898 Ill	16	18 M.	60-60-60	2.30-2.40-2.33
1898 La	16	2 M.	60-60-60	2.00-2.25-2.13
1898 Md	16	18 M.	54-54-54	2.00-2.50-2.22
1898 Mass	16	23 M.	54-54-54	1.65-3.60-2.63
1898 Mich	290	163 M.	(a)	1.25-1.81-1.53
1898 Minn	16	9 M.	60-60-60	2.25-2.25-2.25
1898 Mo	16	55 M.	54-60-57	2.25-4.00-2.51
1898 Nebr	314	15 (a)	*i* 52-60-56	1.00-2.00-1.58
1898 N. Y	16	170 M.	60-60-60	2.00-2.50-2.44
1898 N. Y	338	995 M.	(a)	1.66-3.50-2.59
1898 Ohio	16	13 M.	60-60-60	1.00-2.00-1.53
1898 Pa	16	85 M.	*g* 54-60-59	1.98-3.67-2.41
1898 Va	16	2 M.	60-60-60	1.50-1.75-1.63
1898 Australia	429	(a) (a)	(a)	.61-2.43- —
1898 Aust-Hun	438	(a) (a)	60-60-60	.78- .78- .78
1898 C. of G'd H	149	(a) (a)	(a)	3.33-3.33-3.33
1898 Denmark	493	(a) M.	(a)	.80-1.47- —
1898 England	594	(a) (a)	*j* 50-56 —	1.30-1.58- —
1898 England	594	(a) (a)	(a)	*d* .14½-.18½- —
1898 France	512	(a) M.	60-72 —	.77-2.08- —
1898 Germany	151	(a) (a)	(a)	.71- .95- —
1898 Ireland	594	(a) (a)	(a)	1.51-1.55- —
1899 Ga	18	34 M.	60-60-60	1.25-2.25-1.57
1899 N. Y	18	4 M.	48-48-48	2.25-2.50-2.38
1899 N. C	18	5 M.	60-60-60	1.00-1.25-1.10
1899 N. C	353	6 M.	*k* 60-72-63	.90-2.00-1.34
1899 England	588	(a) (a)	*l* 50-52 —	1.30-1.52- —
1899 N. Zealand	681	(a) M.	*e* 47-47-47	2.06-2.19- —
1900 Ga	18	34 M.	60-60-60	1.25-2.25-1.57
1900 N. Y	18	8 M.	48-48-48	2.50-2.75-2.63
1900 N. C	18	5 M.	60-60-60	1.00-1.25-1.10

CABINETMAKERS' HELPERS.

1889	Denmark	520	(a)	(a)	(a)	.62- .62- .62	1894	Ohio	375	1	M.	60-60-60	.84- .84- .84
1891	N. Y	333	3	M.	(a)	1.50-1.50-1.50	1895	Del	20	7	M.	60-60-60	.67-1.17- .81
1892	Del	20	13	M.	60-60-60	.67-1.17- .90	1895	Ohio	376	4	M.	60-60-60	.75- .84- .80
1893	Del	20	15	M.	60-60-60	.67-1.17- .95	1896	Fla	7	1	M.	60-60-60	1.67-1.67-1.67
1894	Del	20	8	M.	60-60-60	.67-1.00- .83	1896	Ohio	377	1	M.	60-60-60	1.00-1.00-1.00
1894	Ga	8	1	M.	(a)	1.00-1.00-1.00	1897	Mass	8	9	M.	60-60-60	1.00-1.75-1.36
1894	N. Y	8	1	M.	60-60-60	1.25-1.25-1.25							

CABINET MASTERS, JEWELRY.

1884	Germany	178	(a)	M.	60-60-60	1.43-1.90- —	....	.....	....	....	...	.....	.....

a Not reported.
b Not including hours of 8 persons not reported.
c Not including hours of 11 persons not reported.
d Per hour.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 5 of the 6 wage quotations.
g Not including hours of 12 persons not reported.
h Applies to but 2 of the 8 wage quotations.
i Not including hours of 1 person not reported.
j Applies to but 2 of the 5 wage quotations.
k Not including hours of 2 persons not reported.
l Applies to but 2 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAGEMEN, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Ohio	359	1 M.	(a)	1.09-1.09-1.09	1889 Ohio	5	35 M.	d50-60-55	1.25-2.00-1.78
1885 Ohio	1	7 M.	54-60-59	1.35-1.80-1.68	1889 Pa	5	4 M.	e54-60-58	1.50-2.15-1.81
1887 Ohio	369	17 M.	54-60-55	1.30-1.75-1.66	1889 Belgium	5	(a) M.	60-60-60	.67- .67- .67
1888 Ill	5	9 M.	60-60-60	1.73-2.00-1.86	1889 Canada	5	(a) M.	60-60-60	.70- .90- —
1888 Ill	209	3 M.	(a)	2.30-2.30-2.30	1889 England	5	(a) M.	59-60 —	.73-2.79- —
1888 Ind	5	2 M.	(a)	1.88-1.88-1.88	1890 Belgium	5	(a) M.	(a)	.58- .87- —
1889 Ala	5	1 M.	60-60-60	1.35-1.35-1.35	1891 Belgium	457	(a) M.	(a)	.58- .58- .58
1889 Ill	5	50 M.	b60-60-60	1.34-2.25-1.83	1892 France	632	(a) M.	48-48-48	.72- .72- .72
1889 Ill	209	52 M.	(a)	.75-2.30-1.85	1893 Mo	302	23 M.	(a)	1.50-2.25-1.96
1889 Ind	5	18 M.	c60-60-60	1.35-2.05-1.91	1899 Mich	291	8 M.	(a)	1.74-1.74-1.74
1889 Mo	299	9 M.	(a)	1.49-2.19-1.94					

CAGEMEN, IRON AND STEEL.

1874 Pa	380	10 M.	(a)	1.64-1.75-1.68	1889 Pa	5	20 M.	56-84-74	1.25-2.00-1.54
1876 Pa	381	2 M.	(a)	1.36-1.36-1.36	1889 Tenn	5	12 M.	f84-84-84	1.25-1.40-1.28
1885 Ohio	1	17 M.	70-84-83	1.10-1.50-1.30	1889 Va	5	15 M.	f84-84-84	1.10-1.20-1.19
1885 Pa	1	2 M.	84-84-84	2.25-2.25-2.25	1889 W. Va	5	6 M.	70-84-79	1.65-1.65-1.65
1885 Gr't Brit	1	(a) M.	84-84-84	.76- .76- .76	1889 England	5	(a) M.	84-84-84	1.19-1.19-1.19
1887 Pa	390	3 M.	(a)	2.11-2.11-2.11	1890 Ala	5	9 M.	60-84-81	1.20-1.75-1.26
1888 Ill	5	2 M.	84-84-84	2.35-2.35-2.35	1890 Ohio	5	2 M.	84-84-84	1.70-1.70-1.70
1888 Ohio	5	2 M.	84-84-84	1.65-1.65-1.65	1890 Wis	5	4 M.	72-72-72	1.90-1.90-1.90
1888 Pa	5	2 M.	84-84-84	1.55-1.55-1.55	1891 N. Y	333	4 M.	(a)	1.25-1.25-1.25
1888 Va	5	4 M.	f84-84-84	1.49-1.50-1.50	1897 Ohio	377	8 (a)	84-84-84	1.30-1.45-1.41
1888 W. Va	5	2 M.	84-84-84	1.65-1.65-1.65	1898 Pa	18	2 M.	(a)	1.44-1.50-1.47
1889 Ala	5	34 M.	70-84-83	1.15-1.70-1.29	1899 Ala	18	8 M.	84-84-84	1.20-1.20-1.20
1889 Ill	5	2 M.	70-70-70	2.35-2.35-2.35	1899 Pa	18	2 M.	(a)	1.60-1.70-1.63
1889 N. Y	5	7 M.	70-84-78	1.46-1.70-1.60	1900 Ala	18	8 M.	84-84-84	1.20-1.20-1.20
1889 Ohio	5	28 M.	56-84-78	1.50-2.00-1.67					

CAGEMEN, IRON MINING.

1883 N. J	322	60 M.	48-48-48	1.50-1.50-1.50	1889 Ala	5	25 M.	60-60-60	1.25-1.50-1.28
1888 N. Y	5	7 M.	60-60-60	1.35-1.35-1.35	1889 Mich	5	4 M.	f60-60-60	1.75-1.75-1.75

CAISSON WORKERS.

1895 Aust-Hun	435	(a) M.	48-48-48	.81-1.14- —	....	.....	....	...	.....	.....

CAKE STOWERS, LINSEED CRUSHING MILL.

1877 England	570	(a) M.	58-58-58	.89- .89- .89	1889 England	576	(a) M.	68-68-68	.81- .81- .81
1880 England	571	(a) M.	(a)	.81- .81- .81	1890 England	576	(a) M.	66-66-66	.89- .89- .89
1883 England	572	(a) M.	63-63-63	.85- .85- .85					

CALCINERS, SMELTING FURNACE.

1841 Wales	625	(a) M.	(a)	.66- .75- —	1891 Belgium	457	(a) M.	72-72-72	.63- .72- —
1879 Mo	293	13 M.	80-80-80	1.45-1.45-1.45	1891 Italy	638	(a) M.	60-60-60	.29- .39- —
1885 Belgium	1	(a) M.	72-72-72	.70- .70- .70	1892 Algeria	505	(a) M.	70-70-70	.84- .84- .84
1885 Belgium	456	(a) (a)	(a)	.71- .71- .71	1892 France	505	(a) M.	60-74 —	.72- .82- —
1886 Kans	240	2 M.	72-72-72	1.90-1.90-1.90	1892 Italy	639	(a) M.	60-60-60	.29- .43- —
1886 Belgium	456	(a) (a)	72-72-72	.50- .50- .50	1893 Mo	303	12 M.	(a)	1.38-1.57-1.53
1887 Kans	241	1 M.	(a)	1.75-1.75-1.75	1893 Mont	307	22 M.	g60-60-60	2.50-3.50-3.45
1889 Mo	299	26 (a)	(a)	1.27-1.46-1.40					

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 5 persons not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 15 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CALENDRERS' HELPERS, PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Conn	7	7 M.	72-72-72	1.50-1.50-1.50
1885 Mass	7	2 M.	60-60-60	1.25-1.50-1.38
1885 Wis	7	3 M.	72-72-72	1.00-1.00-1.00
1886 Del	7	6 M.	72-72-72	.92-1.21-1.11
1887 Conn	202	5 M.	(a)	1.26-1.26-1.26
1890 N. Y	333	17 M.	(a)	.90-1.00- .95
1891 N. Y	333	14 M.	(a)	.90-1.00- .96
1894 Ohio	375	2 M.	48-60-54	1.00-1.25-1.13
1895 Conn	7	8 M.	72-72-72	1.50-1.50-1.50
1895 Mass	7	4 M.	60-60-60	1.00-1.42-1.20
1895 Ohio	376	4 M.	48-66-60	1.00-1.35-1.24
1896 Del	7	6 M.	72-72-72	1.00-1.33-1.17
1896 Ohio	377	2 M.	48-60-54	1.00-1.25-1.13
1896 Wis	7	8 M.	72-72-72	1.15-1.15-1.15

CALENDRERS' HELPERS, RUBBER.

1884 R. I	7	1 M.	60-60-60	.67- .67- .67
1895 R. I	7	3 M.	59-59-59	.67-1.00- .89
1896 Mass	8	4 M.	60-60-60	1.00-1.33-1.17
1896 R. I	8	21 M.	60-60-60	1.50-1.50-1.50

CALENDRERS' HELPERS, TEXTILES.

1885 N. Y	1	2 M.	60-60-60	.50- .50- .50
1886 Scotland	600	(a) M.	57-57-57	.41- .41- .41
1888 N. Y	331	5 M.	(a)	.67- .67- .67
1890 N. Y	333	6 M.	(a)	.67- .67- .67
1891 N. Y	333	6 M.	(a)	.67-1.25- .76
1895 N. Y	7	1 M.	60-60-60	.75- .75- .75

CALENDRERS, PAPER.

1841 Scotland	625	(a) F.	(a)	.16- .22- —
(b) England	567	(a) F.	60-60-60	.22- .28- —
1871 Mass	267	4 F.	59-59-59	1.25-1.25-1.25
1875 Mass	270	12 F.	(a)	.73-1.50- .79
1878 Conn	7	5 M.	72-72-72	2.50-2.50-2.50
1882 N. Y	190	1 M.	59-59-59	1.33-1.33-1.33
1883 N. Y	190	1 M.	59-59-59	1.50-1.50-1.50
1885 Del	1	12 M.	72-72-72	1.70-1.70-1.70
1885 Me	7	24 M.	(a)	1.25-1.75-1.48
1885 Mass	1	76 M.	72-72-72	1.50-3.60-1.72
1885 Mass	1	24 F.	72-72-72	1.30-1.30-1.30
1885 Mass	7	1 M.	60-60-60	1.50-1.50-1.50
1885 Mass	7	14 F.	60-60-60	1.00-1.25-1.02
1885 N. J	7	1 M.	65-65-65	1.50-1.50-1.50
1885 Wis	7	2 M.	72-72-72	1.50-1.50-1.50
1885 Germany	547	(a) M.	(a)	.60- .71- —
1886 Del	7	6 M.	72-72-72	1.79-1.79-1.79
1886 Ireland	5	(a) F.	56-56-56	1.25-1.25-1.25
1887 Conn	202	2 M.	(a)	2.76-2.76-2.76
1888 N. Y	331	6 M.	59-59-59	1.67-1.75-1.72
1889 Portugal	691	(a) (a)	(a)	.54-1.03- —
1890 N. Y	333	27 M.	(a)	.50-2.00-1.48
1891 Me	257	2 M.	72-72-72	1.65-1.65-1.65
1891 N. Y	333	27 M.	(a)	.50-2.00-1.47
1891 France	505	(a) M.	60-66 —	.63-1.06- —
1891 France	505	(a) M.	60-60-60	c .68- .97- —
1891 France	505	(a) F.	66-66-66	.29- .43- —
1892 France	505	(a) M.	70-84 —	.39- .52- —
1892 Russia	692	(a) (a)	(a)	.24- .80- —
1893 England	583	(a) M.	(a)	1.14-1.22- —
1894 Ohio	375	4 M.	48-60-57	1.50-2.25-1.88
1895 Conn	7	7 M.	72-72-72	2.00-2.00-2.00
1895 Me	7	42 M.	60-60-60	1.50-2.00-1.72
1895 Mass	7	1 M.	60-60 60	1.75-1.75-1.75
1895 Mass	7	6 F.	58-58-58	1.42-1.67-1.56
1895 N. H	7	4 M.	60-60-60	1.25-1.50-1.38
1895 N. J	7	2 M.	59-59-59	1.60-1.60-1.60
1895 Ohio	376	6 M.	48-66-60	1.50-2.25-1.85
1895 Aust-Hun	435	(a) (a)	60-66 —	.41- .41- .41
1896 Del	7	6 M.	72-72-72	2.00-2.00-2.00
1896 Ohio	377	8 M.	48-65-62	1.50-2.25-1.75
1896 Pa	7	4 M.	60-60-60	.83-1.50-1.21
1896 Wis	7	6 M.	72-72-72	1.50-1.50-1.50
1897 Pa	395	2 M.	(a)	1.35-1.80-1.58
1897 France	511	(a) M.	72-72-72	.48- .49- —

CALENDRERS, RUBBER.

1884 N. J	323	63 M.	60-60-60	2.00-2.17-2.10
1884 R. I	7	4 M.	60-60-60	1.50-3.00-1.88
1886 N. J	325	2 M.	60-60-60	1.00-1.25-1.13
1888 N. J	326	8 M.	d60-60-60	1.67-2.50-2.02
1891 Belgium	457	(a) M.	48-48-48	.69- .69- .69
1895 R. I	7	5 M.	59-59-59	1.67-4.00-2.30
1896 Mass	8	11 M.	60-60-60	1.25-3.00-1.86
1896 Mass	8	2 F.	60-60-60	1.00-1.00-1.00
1896 R. I	8	8 M.	60-60-60	2.00-2.50-2.06

a Not reported.
b Average for 1867–68.
c And *gratifications*.
d Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CALENDRERS, TEXTILES.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1810 Scotland	572	(a) (a)	(a)	0.61-0.61-0.61
1811 Scotland	572	(a) (a)	(a)	.61- .61- .61
1812 Scotland	572	(a) (a)	(a)	.61- .61- .61
1813 Scotland	572	(a) (a)	(a)	.61- .61- .61
1814 Scotland	572	(a) (a)	(a)	.61- .61- .61
1815 Scotland	572	(a) (a)	(a)	.61- .61- .61
1816 Scotland	572	(a) (a)	(a)	.61- .61- .61
1817 Scotland	572	(a) (a)	(a)	.61- .61- .61
1818 Scotland	572	(a) (a)	(a)	.61- .61- .61
1819 Scotland	572	(a) (a)	(a)	.57- .57- .57
1831 Scotland	572	(a) (a)	(a)	.61- .61 .61
1833 England	624	(a) M.	64-64-64	.24- .24- .24
1841 Russia	185	(a) F.	(a)	.14- .14- .14
1850 England	45	(a) M.	(a)	.92- .92- .92
1860 England	45	(a) M.	(a)	1.55-1.55-1.55
1860 Russia	609	(a) M.	(a)	.20- .20- .20
1869 Russia	185	(a) M.	(a)	.32- .32- .32
1870 England	45	(a) M.	(a)	1.47-1.47-1.47
1871 England	629	(a) (a)	(a)	.65- .81- —
1874 Scotland	177	(a) M.	56-56-56	.83- .92- —
1875 Scotland	177	(a) M.	56-56-56	.83- .92- —
1875 Scotland	185	(a) (a)	(a)	.81- .97- —
1876 Scotland	177	(a) M.	56-56-56	.83- .92- —
1877 England	45	(a) M.	(a)	1.62-1.62-1.62
1877 Ireland	570	(a) M.	60-60-60	.81- .81- .81
1877 Scotland	177	(a) M.	56-56-56	.79- .88- —
1878 Scotland	177	(a) M.	56-56-56	.79- .88- —
1879 France	33	(a) (a)	(a)	.77- .77- .77
1880 Ga	7	1 M.	(a)	.75- .75- .75
1880 Mass	7	3 M.	60-60-60	1.10-1.10-1.10
1880 England	571	(a) M.	56-56-56	1.05-1.05-1.05
1881 Scotland	29	(a) M.	56-56-56	.83- .83- .83
1882 France	33	(a) (a)	(a)	.77- .77- .77
1882 Scotland	34	(a) M.	56-56-56	.83- .83- .83
1883 Ga	7	1 M.	69-69-69	.75- .75- .75
1883 Mass	273	3 M.	(a)	1.20-1.20-1.20
1883 England	45	(a) M.	(a)	1.25-1.25-1.25
1883 Gr't Brit	273	(a) M.	(a)	.81-1.01- —
1883 Gr't Brit	273	(a) (a)	(a)	.30- .30- .30
1883 Ireland	572	(a) M.	60-60-60	.69- .69- .69
1884 Scotland	178	(a) M.	56-56-56	.80- .80- .80
1885 Conn	7	32 M.	60-60-60	1.20-1.75-1.50
1885 Me	1	1 M.	66-66-66	1.19-1.19-1.19
1885 Mass	1	10 M.	60-60-60	2.00-2.00-2.00
1885 Mass	7	1 M.	60-60-60	0.90-0.90-0.90
1885 N. Y	1	1 M.	60-60-60	2.00-2.00-2.00
1885 N. Y	7	1 M.	60-60-60	2.00-2.00-2.00
1885 Pa	7	10 M.	60-60-60	1.42-1.42-1.42
1885 Germany	1	(a) M.	72-72-72	.52- .52- .52
1886 N. J	325	1 M.	60-60-60	1.33-1.33-1.33
1886 Pa	7	5 M.	b 60-60-60	.50-1.83-1.00
1886 R. I	7	16 M.	60-60-60	1.17-1.42-1.28
1886 England	600	(a) M.	57-57-57	1.02-1.02-1.02
1886 Ireland	600	(a) M.	57-57-57	.79- .79- .79
1886 Scotland	600	(a) M.	57-57-57	.70- .70- .70
1886 Scotland	601	(a) M.	56-56-56	.69- .69- .69
1888 N. J	326	1 (a)	60-60-60	1.33-1.33-1.33
1888 N. Y	6	1 M.	(a)	1.38-1.38-1.38
1888 N. Y	331	5 M.	c 59-59-59	1.50-1.67-1.53
1889 Me	6	1 M.	(a)	1.50-1.50-1.50
1889 N. Y	6	1 M.	(a)	1.50-1.50-1.50
1889 N. C	6	1 M.	(a)	.75- .75- .75
1889 Portugal	691	(a) (a)	(a)	.35- .43- —
1890 N. Y	333	8 M.	(a)	1.25-1.50-1.47
1890 Scotland	6	(a) M.	56-56-56	.69- .79- —
1891 N. Y	333	7 M.	(a)	1.50-1.50-1.50
1892 France	505	(a) M.	60-72 —	.53-1.64- —
1892 France	505	(a) F.	72-72-72	.48- .58- —
1892 Russia	692	(a) (a)	(a)	.12- .50- —
1894 R. I	401	1 (a)	(a)	1.33-1.33-1.33
1895 Ga	7	2 M.	66-66-66	.75- .75- .75
1895 Ga	8	1 M.	66-66-66	.70- .70- .70
1895 Mass	7	9 M.	60-60-60	1.25-1.48-1.37
1895 Mass	7	4 F.	58-58-58	.33-1.15- .68
1895 N. Y	7	1 M.	60-60-60	2.00-2.00-2.00
1895 N. C	7	1 M.	72-72-72	1.00-1.00-1.00
1895 N. C	8	3 M.	66-66-66	.40- .75- .58
1895 S. C	8	1 M.	66-66-66	.75- .75- .75
1895 Tenn	7	1 M.	66-66-66	.80- .80- .80
1895 England	591	(a) (a)	(a)	.45- .81- —
1896 Conn	7	33 M.	60-60-60	1.25-2.03-1.62
1896 Ga	7	1 M.	66-66-66	.90- .90- .90
1896 N. H	7	17 M.	60-60-60	1.00-1.50-1.32
1896 N. C	7	2 M.	69-69-69	.75- .75- .75
1896 Pa	7	3 M.	60-60-60	.63-2.00-1.51
1896 R. I	7	17 M.	60-60-60	1.25-1.50-1.34
1896 France	505	(a) M.	72-72-72	.68- .68- .68
1897 Pa	7	6 M.	60-60-60	1.42-1.42-1.42

CALKERS.

1856 Scotland	562	(a) M.	(a)	.85- .89- —
1857 Scotland	562	(a) M.	(a)	.81- .89- —
1858 Scotland	562	(a) M.	(a)	.73- .73- .73
(d) Scotland	563	(a) (a)	(a)	.69- .69- .69
1861 England	564	(a) (a)	60-60-60	.97-1.05- —
1861 Scotland	564	(a) (a)	(a)	.89- .93- —
1863 Scotland	565	(a) (a)	(a)	.93-1.05- —
1866 England	566	(a) M.	59-59-59	.97- .97- .97
1866 Scotland	566	(a) M.	60-60-60	.69-1.04- —
(e) England	567	(a) M.	59-59-59	.97-1.70- —
1869 Greece	609	(a) (a)	(a)	.52- .69- —
1869 Italy	610	(a) (a)	(a)	.97- .97- .97
1869 Scotland	43	(a) (a)	58-58-58	.77- .77- .77
1870 Brazil	610	(a) (a)	(a)	1.70-1.95- —
1870 Italy	610	(a) M.	(a)	.77- .87- —
1870 Norway	610	(a) M.	(a)	.46- .46 .46
1871 Brazil	611	(a) M.	60-60-60	1.10-4.87- —
1871 England	568	(a) M.	60-60-60	.97- .97- .97
1871 England	629	(a) (a)	(a)	1.46-1.46-1.46
1871 Italy	165	(a) (a)	(a)	1.20-1.40- —
1871 Italy	610	(a) M.	(a)	.77- .77- .77
1871 Norway	185	(a) (a)	(a)	.45- .45- .45
1871 Scotland	568	(a) M.	59-59-59	.97-1.05- —
1871 Scotland	629	(a) (a)	(a)	.89- .89- .89
1872 England	185	(a) M.	60-60-60	.97- .97- .97
1872 Scotland	185	(a) M.	54-59 —	.97-1.16- —
1873 Canada	185	(a) M.	(a)	2.50-3.00- —
1873 England	185	(a) M.	f 54-54-54	1.02-1.33- —
1873 Greece	185	(a) (a)	(a)	1.20-1.30- —
1873 Ireland	185	(a) M.	54-54-54	1.05-1.12- —
1873 Scotland	185	(a) M.	51-51-51	.97-1.23- —
1874 Pa	380	53 M.	(a)	1.75-1.90-1.82
1874 Ireland	185	(a) M.	(a)	1.13-1.13-1.13
1874 Ireland	569	(a) M.	55-55-55	.93-1.10- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Average for 1859–60.
e Average for 1867–68.
f Applies to but 20 of the 21 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CALKERS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Scotland ..	185	(a) M.	51-51-51	1.11-1.11-1.11
1874 Scotland ..	569	(a) M.	51-51-51	1.14-1.14-1.14
1877 Ohio	359	1 M.	(a)	2.50-2.50-2.50
1877 Scotland ..	570	(a) M.	51-51-51	1.14-1.42- —
1878 Spain	177	(a) M.	(a)	1.25-1.50- —
1879 Pa	384	11 M.	b 60-60-60	1.50-2.50-2.41
1880 Pa	385	1 M.	60-60-60	2.62-2.62-2.62
1881 N. J	320	1 M.	(a)	2.75-2.75-2.75
1881 Ohio	2	74 M.	48-60-54	2.00-2.50-2.25
1881 Pa	386	1 M.	60-60-60	3.00-3.00-3.00
1882 Mass	2	320 M.	60-60-60	3.00-3.50-3.25
1882 Mo	294	1 M.	60-60-60	3.25-3.25-3.25
1882 N. J	321	85 M.	(a)	3.00-3.00-3.00
1882 N. Y.....	2	1200 M.	54-54-54	3.25-3.50-3.38
1882 Ohio	2	74 M.	60-60-60	2.00-2.50-2.25
1882 Ohio	364	2 (a)	60-60-60	1.75-2.50-2.13
1883 N. J	322	27 M.	60-60-60	3.00-3.00-3.00
1883 England ..	572	(a) M.	c 50-54 —	1.30-2.80- —
1883 Ireland ...	572	(a) M.	54-54-54	1.22-1.22-1.22
1883 Scotland ..	178	(a) M.	54-54-54	4.87-4.87-4.87
1883 Scotland ..	572	(a) M.	50-54 —	1.03-2.23- —
1884 Me	2	25 M.	60-60-60	2.25-2.25-2.25
1884 N. J	323	107 M.	54-60-58	1.60-3.25-2.88
1884 Belgium ..	178	(a) M.	60-60-60	1.16-1.35- —
1884 Brazil.....	178	(a) M.	60-60-60	.86-3.44- —
1884 Canada ...	178	(a) (a)	60-60-60	1.50-2.00- —
1884 England ..	178	(a) M.	53-54 —	1.05-1.92- —
1884 France....	178	(a) M.	60-60-60	.63-1.16- —
1884 Germany .	178	(a) M.	d 60-64 —	.48- .95- —
1884 Gibraltar .	178	(a) M.	56-56-56	.83-1.29- —
1884 Hawai. Is .	178	(a) (a)	53-54 —	4.25-5.00- —
1884 Italy	178	(a) M.	e 60-72 —	.28-1.35- —
1884 Malta	178	(a) M.	60-60-60	.18- .73- —
1884 Portugal ..	178	(a) M.	(a)	.80-1.15- —
1884 Russia	178	(a) M.	69-72 —	.48-2.58- —
1884 Scotland ..	178	(a) M.	54-54-54	1.17-2.83- —
1884 Spain	178	(a) M.	60-60-60	.97-1.45- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.61-1.22- —
1885 Cal.....	1	2 M.	60-60-60	3.25-3.25-3.25
1885 Me	1	50 M.	60-60-60	1.75-1.75-1.75
1885 N. J	324	51 M.	54-60-56	1.50-3.25-2.96
1885 W. Va	1	7 M.	60-60-60	1.50-2.00-1.68
1886 Cal.....	193	10 M.	60-60-60	3.45-3.45-3.45
1886 Md.....	2	10 M.	60-60-60	3.00-3.00-3.00
1886 Canada ...	73	(a) M.	(a)	2.25-2.25-2.25
1886 Canada ...	468	(a) M.	40-40-40	1.40-1.40-1.40
1886 England ..	604	(a) M.	54-54-54	1.22-1.99- —
1886 Gr't Brit ..	632	(a) M.	54-54-54	.97-1.22- —
1886 Italy	633	(a) M.	60-66 —	.58-1.06- —
1886 Scotland ..	604	(a) M.	f 54-54-54	.99-1.40- —
1887 Md.....	4	24 M.	(a)	1.75-2.50-2.47
1887 N. Y.....	4	2 M.	(a)	1.80-1.90-1.85
1887 Wis	409	14 M.	(a)	2.17-2.75-2.24
1887 Canada ...	469	(a) M.	59-59-59	1.57-1.58- —
1888 N. J	326	1 M.	54-54-54	3.25-3.25-3.25
1888 N. Y.....	331	199 M.	59-60-60	2.00-2.75-2.69
1888 Canada ...	470	(a) M.	60-60-60	2.00-2.00-2.00
1889 Me	255	1 M.	60-60-60	2.75-2.75-2.75
1889 Portugal ..	691	(a) (a)	(a)	.11-1.73- —
1890 N. Y.....	333	1 M.	(a)	1.75-1.75-1.75
1890 England ..	632	(a) M.	(a)	1.50-1.50-1.50
1890 Gr't Brit ..	632	(a) M.	54-54-54	1.14-1.54- —
1891 Me.....	257	4 M.	60-60-60	2.50-3.00-2.88
1891 N. Y.....	333	30 M.	(a)	1.75-2.70-2.61
1891 England ..	632	(a) M.	(a)	1.50-1.50-1.50
1892 Cal.....	196	18 M.	54-54-54	4.00-5.00-4.94
1892 Ohio	284	59 M.	g 60-60-60	1.25-4.00-2.18
1892 Ohio	20	14 M.	60-60-60	2.00-2.00-2.00
1892 C. of G'd H.	486	(a) M.	(a)	1.95-2.19- —
1892 England ..	577	(a) M.	51-51-51	.89- .89- .89
1892 England ..	632	(a) M.	f 48-48-48	1.40-1.52- —
1892 France....	505	(a) M.	60-60-60	.72- .82- —
1892 Gr't Brit ..	632	(a) M.	(a)	1.46-1.46-1.46
1892 Ireland ...	632	(a) M.	54-54-54	1.05-1.05-1.05
1892 Scotland ..	578	(a) M.	54-54-54	1.13-1.13-1.13
1892 Wales	632	(a) M.	(a)	.67-1.54- —
1893 Md.....	10	7 M.	60-60-60	1.17-2.50-1.80
1893 N. Y.....	10	1 M.	48-48-48	2.50-2.50-2.50
1893 Ohio	374	22 M.	60-60-60	2.50-2.75-2.73
1893 Australia .	415	(a) (a)	(a)	h .24½-.24½-.24½
1893 England ..	589	(a) M.	48-54 —	.97-1.70- —
1893 Ireland ...	589	(a) M.	54-54-54	1.09-1.18- —
1893 Scotland ..	589	(a) M.	54-56 —	1.19-1.46- —
1893 Wales	589	(a) M.	54-54-54	1.14-1.70- —
1894 Ind	228	2 M.	60-60-60	2.75-2.75-2.75
1894 Me	260	3 M.	60-60-60	2.25-2.50-2.33
1894 Ohio	375	51 M.	60-60-60	2.50-2.50-2.50
1894 England ..	127	(a) M.	d 53-54 —	1.07-1.38- —
1894 France....	127	(a) M.	60-60-60	1.16-1.16-1.16
1894 Germany .	127	(a) M.	i 60-60-60	.60- .85- —
1894 Ireland ...	127	(a) M.	54-54-54	1.26-1.26-1.26
1894 Italy	127	(a) M.	(a)	.68- .68- .68
1894 Netherl'ds	127	(a) M.	65-65-65	1.00-1.00-1.00
1894 Russia	127	(a) M.	62-62-62	.65- .65- .65
1894 Scotland ..	127	(a) M.	54-54-54	1.28-1.64- —
1895 Ohio	376	45 M.	60-60-60	2.30-2.75-2.73
1895 Germany .	127	(a) M.	60-60-60	.90- .90- .90
1896 Mass	14	93 M.	48-60-58	2.25-3.26-2.53
1896 N. Y.....	14	329 M.	54-60-56	1.99-3.24-2.91
1896 Ohio	377	37 M.	54-60-60	2.30-2.75-2.73
1896 Pa	14	43 M.	54-60-58	2.00-2.50-2.25
1896 France....	505	(a) M.	48-72 —	.86-1.35- —
1896 Scotland ..	592	(a) M.	(a)	1.38-1.42- —
1897 Nebr	314	2 M.	(a)	2.25-2.25-2.25

CALKERS' HELPERS.

1884	Gibraltar..	178	(a)	M.	56-56-56	.50- .83- —	1886	Canada ...	73	(a)	M.	(a)	1.25-1.25-1.25
1884	Italy	178	(a)	M.	60-60-60	.29- .39- —							

a Not reported.
b Not including hours of 10 persons not reported.
c Applies to but 3 of the 5 wage quotations.
d Applies to but 4 of the 5 wage quotations.
e Applies to but 10 of the 14 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Not including hours of 1 person not reported.
h Per hour.
i Applies to but 7 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CALLERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1877 Pa	382	3 M.	70-70-70	0.74-1.50-1.25
1878 Pa	383	3 M.	77-84-79	.67-1.40-1.16
1882 N. Y.	190	1 M.	70-70-70	1.50-1.50-1.50
1884 N. Y.	190	1 M.	70-70-70	1.50-1.50-1.50
1885 Mich.	279	1 M.	(a)	1.10-1.10-1.10
1886 Iowa	232	1 M.	84-84-84	.75- .75- .75
1887 Md.	4	118 M.	(a)	.41-1.90-1.07
1887 Mass	4	11 M.	(a)	1.00-2.00-1.36
1887 Mich.	4	19 M.	b 70-70-70	.66-1.40-1.05
1887 Mo.	4	71 M.	(a)	.75-1.90-1.23
1887 N. J.	4	19 M.	(a)	1.00-2.10-1.24
1887 N. Y.	4	56 M.	(a)	.66-1.48-1.18
1887 Pa	4	110 M.	(a)	.49-1.70-1.24
1887 R. I	4	1 M.	(a)	1.81-1.81-1.81
1887 Va	4	4 M.	(a)	.33-1.00- .83
1887 Wis	4	23 M.	(a)	.49-1.60-1.06
1888 N. Y.	190	1 M.	70-70-70	1.40-1.40-1.40
1888 N. Y.	331	6 M.	72-72-72	1.50-1.50-1.50
1889 Ill.	5	2 M.	84-84-84	1.58-1.58-1.58
1889 N. Y.	5	3 M.	70-70-70	1.38-1.50-1.46
1889 N. Y.	190	1 M.	70-70-70	1.50-1.50-1.50
1890 N. Y.	190	1 M.	70-70-70	1.50-1.50-1.50
1890 Pa	6	3 M.	(a)	.17- .38- .27
1890 Belgium	6	(a) M.	(a)	.25- .27- —
1891 N. Y.	190	2 M.	70-70-70	1.66-1.66-1.66
1892 Mass	20	1 (a)	60-60-60	1.25-1.25-1.25
1892 Ohio	373	1 M.	59-59-59	1.50-1.50-1.50
1893 Mass	20	1 (a)	58-58-58	1.25-1.25-1.25
1893 Mich.	285	14 M.	70-84-76	1.00-1.64-1.38
1893 Ohio	374	2 M.	84-84-84	.85- .85- .85
1894 Iowa	236	1 M.	70-70-70	1.25-1.25-1.25
1894 Mass	20	1 (a)	58-58-58	1.25-1.25-1.25
1895 Mass	20	1 (a)	58-58-58	1.35-1.35-1.35
1898 Kans.	252	7 M.	(a)	1.15-1.15-1.15
1898 Nebr	314	3 (a)	60-60-60	1.75-3.00-2.17

CAN CAPPERS.

1851	Md.	8	6	M.	60-60-60	2.00-2.00-2.00	1890	N. Y.	333	30 M. (a) 1.13-2.50-2.04
1870	N. Y.	8	3	M.	60-60-60	3.00-3.00-3.00	1891	Mich.	283	1 F. (a) .50- .50- .50
1871	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00	1891	N. Y.	333	27 M. (a) 1.25-2.50-2.18
1875	Cal.	8	6	M.	60-60-60	3.00-3.50-3.33	1892	Ill	210	13 F. 60-60-60 .50-1.38-1.23
1876	Cal.	8	5	M.	60-60-60	3.50-3.50-3.50	1892	Me.	258	107 M. 60-60-60 1.15-1.15-1.15
1876	Del	8	1	M.	60-60-60	3.00-3.00-3.00	1892	Me.	258	10 F. 60-60-60 .77- .77- .77
1881	N. J.	320	1	M.	66-66-66	1.25-1.25-1.25	1893	Md.	10	3 M. 60-72-64 1.67-2.50-2.22
1881	Pa	8	1	M.	60-60-60	1.50-1.50-1.50	1893	Md.	10	3 F. 60-60-60 .67- .67- .67
1882	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00	1893	Ohio	374	7 M. 60-60-60 1.50-2.50-1.64
1884	Canada	466	(a)	M.	60-60-60	1.96-1.96-1.96	1894	Md.	8	8 M. 60-72-69 1.50-2.00-1.94
1885	Md.	7	12	M.	60-60-60	2.00-2.50-2.33	1894	N. Y.	8	7 M. 60-60-60 .50-1.50- .93
1886	Md.	7	12	M.	(a)	2.50-3.33-2.83	1894	N. Y.	8	6 F. 60-60-60 .75- .75- .75
1887	Ill	3	2	F.	60-60-60	.58- .67- .63	1894	Ohio	375	12 M. 60-72-62 1.25-1.75-1.46
1888	Me.	254	1	F.	60-60-60	.80- .80- .80	1895	Md.	7	21 M. 60-60-60 2.00 3.00-2.21
1888	N. Y.	331	6	M.	60-60-60	2.50-2.50-2.50	1895	Md.	8	5 M. 60-90-72 2.00 2.50-2.30
1888	N. Y.	331	4	F.	48-48-48	1.00-1.00-1.00	1896	Cal.	8	32 M. 60-60-60 2.00-2.00-2.00

CAN CAPPERS' HELPERS.

1875	Cal.	8	3	M.	60-60-60	1.00-1.00-1.00	1895	Md.	8	3 M. 60-60-60 .75-1.00- .83
1894	Md.	8	6	M.	60-72-70	.75- .75- .75	1896	Cal.	8	28 M. 60-60-60 .75- .75- .75

CANDLE MAKERS.

1852	N. Y.	8	6	M.	60-60-60	1.33-1.67-1.50	1884	Aust-Hun.	178	(a) M.	60-60-60 .33- .67- —
1856	N. Y.	8	1	F.	60-60-60	.75- .75- .75	1884	France	178	(a) M.	(a) .58- .97- —
(c)	England	561	(a)	(a)	(a)	.73- .89- —	1884	France	178	(a) F.	(a) .29- .39- —
1858	N. Y.	8	6	M.	60-60-60	1.33-1.67-1.50	1884	Italy	178	(a) M.	(a) .29- .29- .29
(d)	England	563	(a)	(a)	(a)	.85- .85- .85	1886	N. Y.	7	22 M.	60-60-60 1.25-1.67-1.39
1870	Italy	610	(a)	M.	(a)	.29- .97- —	1886	N. Y.	7	5 F.	60-60-60 .93- 93- .93
1870	Italy	610	(a)	F.	(a)	.12- .29- —	1887	Ohio	369	57 M.	60-63-60 1.27-2.08-1.73
1872	Belgium	185	(a)	(a)	(a)	.60- .60- .60	1887	Ohio	369	4 F.	60-60-60 1.50-1.50-1.50
1872	Netherl'ds	185	(a)	M.	72-72-72	.56- 56- .56	1888	N. Y.	331	8 M.	59-59-59 1.67-2.50-2.08
1872	Netherl'ds	185	(a)	F.	60-60-60	.20- .40- —	1889	Canada	471	(a) M.	60-60-60 1.38-1.38-1.38
1873	Persia	184	(a)	(a)	(a)	.25- .25- .25	1889	Canada	481	(a) M.	(a) 2.00-2.00-2.00
1873	Sweden	167	(a)	M.	72-72-72	e .54- .80- —	1890	N Y.	333	33 M.	(a) .50-2.50-1.43
1873	Sweden	167	(a)	F.	72-72-72	.27- .34- —	1890	Australia	423	(a) (a)	48-48-48 1.62-2.43- —
1882	Venezuela	34	(a)	(a)	48-48-48	1.50-2.00- —	1890	Netherl'ds	666	(a) M.	(a) .48- .56- —

a Not reported.
b Not including hours of 2 persons not reported.
c Average for 1855–57.
d Average for 1858–60.
e And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CANDLE MAKERS—Concluded.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1891	N. Y.	333	32	M.	(a)	0.50-2.50-1.44
1891	Belgium	457	(a)	M.	48-48-48	.77- .77- .77
1891	France	505	(a)	F.	70-70-70	.43- .43- .43
1892	C. of G'd H.	486	(a)	M.	(a)	.93-2.03- —
1892	Russia	692	(a)	(a)	(a)	.34- .43- —
1893	N. Y.	10	1	M.	60-60-60	2.50-2.50-2.50
1894	N. C.	8	1	F.	60-60-60	1.29-1.29-1.29
1894	Ohio	374	1	M.	(a)	1.25-1.25-1.25
1894	Ohio	375	40	M.	60-60-60	1.14-1.14-1.14
1894	Ohio	375	6	F.	60-60-60	.67- .67- .67
1894	C. of G'd H.	487	(a)	M.	66-66-66	1.62-1.62-1.62
1895	N. Y.	8	1	M.	60-60-60	1.50-1.50-1.50
1896	N. Y.	7	19	M.	60-60-60	.50-2.17-1.34
1896	N. Y.	7	3	F.	60-60-60	1.17-1.17-1.17
1896	N. Y.	8	4	M.	60-60-60	1.50-1.67-1.63
1896	Persia	184	(a)	(a)	(a)	.16- .16- .16
1897	Aust-Hun.	437	(a)	(a)	66-66-66	.27- .47- —
1897	Italy	641	(a)	M.	(a)	.63- .63- .63
1897	Italy	641	(a)	F.	(a)	.19- .19- .19

CANDLE MAKERS' HELPERS.

1852	N. Y.	8	2	M.	60-60-60	.67- .67- .67
1858	N. Y.	8	2	M.	60-60-60	.67- .67- .67
1886	N. Y.	7	6	M.	60-60-60	.33- .33- .33
1896	N. Y.	7	3	M.	60-60-60	.33- .50- .39
1896	N. Y.	8	1	M.	60-60-60	.67- .67- .67

CANDY MAKERS AND CONFECTIONERS.

1860	Germany	185	(a)	M.	(a)	.36- .36- .36
1864	Germany	185	(a)	M.	(a)	.48- .48- .48
1865	Germany	185	(a)	M.	(a)	.24- .24- .24
1866	Germany	185	(a)	M.	(a)	.24- .24- .24
1867	Germany	185	(a)	M.	(a)	.30- .30- .30
1868	Germany	185	(a)	M.	(a)	.30- .30- .30
1869	Germany	609	(a)	M.	(a)	.36- .73- —
1869	Greece	609	(a)	(a)	(a)	.34- .34- .34
1870	Germany	610	(a)	M.	72-72-72	.36- .73- —
1871	Germany	185	(a)	M.	(a)	.48- .90- —
1871	Germany	185	(a)	F.	(a)	.21- .21- .21
1873	Germany	177	(a)	M.	(a)	.65- .65- .65
1873	Sweden	167	(a)	M.	66-66-66	b .39- .44- —
1874	Germany	177	(a)	M.	(a)	.65- .65- .65
1874	Germany	185	(a)	M.	(a)	b .47-1.00- —
1874	Scotland	177	(a)	M.	(a)	1.13-1.17- —
1875	Germany	177	(a)	M.	(a)	.65- .65- .65
1875	Scotland	177	(a)	M.	51-51-51	1.13-1.17- —
1876	Germany	177	(a)	M.	(a)	.65- .65- .65
1876	Scotland	177	(a)	M.	51-51-51	1.17-1.25- —
1877	Germany	177	(a)	M.	(a)	.65- .65- .65
1877	Germany	177	(a)	M.	(a)	b .23- .25- —
1877	Scotland	177	(a)	M.	51-51-51	1.17-1.25- —
1878	Germany	177	(a)	M.	(a)	.65- .65- .65
1878	Scotland	177	(a)	M.	51-51-51	1.17-1.25- —
1879	Mo	293	1	(a)	59-59-59	1.67-1.67-1.67
1880	Ga	7	9	M.	60-66-63	1.33-2.00-1.67
1880	Mich	7	1	M.	(a)	1.25-1.25-1.25
1880	N. Y.	7	48	M.	59-59-59	1.42-2.75-1.95
1880	N. C.	7	3	M.	(a)	1.25-1.25-1.25
1880	Pa	7	19	M.	c 58-60-59	1.67-3.33-2.37
1880	W. Va	7	1	M.	60-60-60	2.67-2.67-2.67
1881	Ga	7	6	M.	59-59-59	1.50-1.67-1.58
1881	Ohio	2	68	M.	58-58-58	2.86-3.00-2.93
1881	Ohio	363	1	M.	48-48-48	2.50-2.50-2.50
1882	Ohio	364	9	(a)	60-60-60	2.00-2.00-2.00
1882	Germany	554	(a)	(a)	(a)	d .19- .68- —
1883	Mass	273	67	M.	(a)	2.00-2.00-2.00
1883	Mass	273	133	F.	(a)	.92- .92- .92
1883	Ohio	7	19	M.	60-78-64	1.25-3.00-2.11
1883	Ohio	365	1	M.	54-54-54	3.00-3.00-3.00
1883	Germany	555	(a)	(a)	(a)	.19- .83- —
1884	Mich	278	11	M.	(a)	.50-3.00-1.70
1884	Australia	178	(a)	(a)	48-48-48	.61-2.84- —
1884	Aust-Hun.	178	(a)	M.	60-72 —	.33-1.67- —
1884	Belgium	178	(a)	M.	e 60-72 —	.48-1.20- —
1884	Brazil	178	(a)	M.	f 60-60-60	.21-2.15- —
1884	Canada	178	(a)	M.	60-60-60	.50-2.50- —
1884	Canada	178	(a)	(a)	g 60-60-60	.50-3.00- —
1884	Canada	466	(a)	M.	60-60-60	.66-1.71- —
1884	Canada	466	(a)	F.	60-60-60	.41- .44- —
1884	C. of G'd H.	178	(a)	(a)	60-60-60	.83-1.33- —
1884	China	134	(a)	(a)	(a)	.22- .22- .22
1884	China	178	(a)	M.	60-60-60	.12- .12- .12
1884	Colombia	178	(a)	(a)	60-60-60	.32-1.29- —
1884	Cuba	178	(a)	(a)	h 59-59-59	1.40-2.14- —
1884	Denmark	178	(a)	M.	60-60-60	b .18- .45- —
1884	Ecuador	178	(a)	M.	60-60-60	1.00-2.00- —
1884	England	178	(a)	M.	i 53-57 —	.41-1.62- —
1884	England	178	(a)	F.	70-70-70	.40- .72- —
1884	France	178	(a)	M.	f 60-60-60	.77- .87- —
1884	France	178	(a)	M.	60-60-60	b .19- .29- —
1884	France	178	(a)	F.	(a)	.48- .48- .48
1884	Germany	178	(a)	M.	j 60-72 —	.40- .95- —
1884	Germany	178	(a)	M.	k 60-80 —	b .16- .91- —
1884	Germany	178	(a)	M.	80-80-80	l .42- .42- .42
1884	Germany	178	(a)	F.	n 72-72-72	.24- .48- —
1884	Germany	556	(a)	(a)	(a)	.60- .83- —
1884	Germany	556	(a)	(a)	(a)	d .22- .48- —
1884	Gibraltar	178	(a)	M.	56-56-56	.67-1.00- —
1884	Ireland	178	(a)	M.	e 56-60 —	.61-2.43- —
1884	Italy	178	(a)	M.	o 60-72 —	.39-1.07- —
1884	Italy	178	(a)	M.	(a)	b .18- .74- —
1884	Madeira Is	178	(a)	M.	54-54-54	.55- .55- .55
1884	Mexico	178	(a)	(a)	p 60-60-60	.43-1.67- —
1884	Morocco	178	(a)	(a)	60-72 —	.40-1.00- —

a Not reported.
b And board.
c Not including hours of 1 person not reported.
d And board and lodging.
e Applies to but 6 of the 8 wage quotations.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 20 of the 24 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 16 of the 41 wage quotations.
j Applies to but 36 of the 43 wage quotations.
k Applies to but 9 of the 14 wage quotations.
l And lodging.
n Applies to but 1 of the 4 wage quotations.
o Applies to but 16 of the 18 wage quotations.
p Applies to but 5 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CANDY MAKERS AND CONFECTIONERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Netherl'ds	178	(a) M.	60-60-60	0.60-0.87- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.46-1.95- —
1884 Persia	178	(a) (a)	(a)	.48- .48- .48
1884 Peru	178	(a) M.	(a)	.60- .82- —
1884 Philip. Is..	178	(a) M.	(a)	.50- .75- —
1884 Russia	178	(a) M.	60-72 —	.21- .97- —
1884 Russia	178	(a) M.	72-72-72	b .46-1.84- —
1884 Scotland	178	(a) M.	c51-57 —	.85-1.22- —
1884 Spain	178	(a) M.	60-72 —	.38-2.00- —
1884 Spain	178	(a) M.	84-84-84	d .19-1.13- —
1884 Switzerl'd.	178	(a) M.	e65-66 —	.54-1.16- —
1884 Switzerl'd.	178	(a) M.	60-66 —	b .19-1.11- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.41-1.44- —
1884 Venezuela	178	(a) (a)	f60-60-69	.80-3.00- —
1885 Md.	7	34 M.	g60-60-60	1.67-3.33-2.56
1885 Mass	7	15 M.	59-59-59	2.33-3.46-2.91
1885 N. Y.	7	33 M.	59-60-60	.38-2.67-1.19
1885 N. Y.	7	22 F.	60-60-60	.33- .67- .45
1885 Wis	7	11 M.	60-60-60	1.17-5.83-2.22
1885 Canada	467	(a) M.	55-60 —	.47-1.23- —
1885 Canada	467	(a) F.	59-59-59	.44- .46- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 Japan	643	(a) M.	(a)	.15- .21- —
1886 Cal.	193	10 M.	60-60-60	3.00-3.00-3.00
1886 Ill.	7	31 M.	60-60-60	1.00-3.00-1.94
1886 Iowa	7	10 M.	59-60-60	1.50-3.00-2.27
1886 Kans	240	1 M.	84-84-84	2.50-2.50-2.50
1886 Mich	7	21 M.	60-60-60	1.05-2.67-1.57
1886 Mich	7	18 F.	60-60-60	.50- .81- .60
1886 Mo	3	1 F.	59-59-59	.42- .42- .42
1886 N. Y.	7	6 M.	60-60-60	1.42-2.17-1.85
1886 Germany	548	(a) (a)	(a)	.48- .95- —
1886 Germany	548	(a) (a)	(a)	b .16- .68- —
1886 Japan	644	(a) M.	(a)	.12- .20- —
1887 Cal.	3	1 F.	58-58-58	1.67-1.67-1.67
1887 Ill.	3	13 F.	57-60-60	.21-1.00- .56
1887 Kans	242	1 M.	(a)	1.60-1.60-1.60
1887 Ky	3	2 F.	56-56-56	.50- .71- .61
1887 La	3	2 F.	60-60-60	.67- .67- .67
1887 N. Y.	3	17 F.	53-60-57	.42-1.00- .69
1887 N. C	342	1 M.	60-60-60	1.50-1.50-1.50
1887 Ohio	369	308 M.	60-60-60	1.00-3.00-1.96
1887 Ohio	369	205 F.	60-60-60	.60-1.17- .68
1887 Wis	409	37 (a)	(a)	2.22-2.22-2.22
1887 Germany	557	(a) (a)	(a)	.48- .91- —
1887 Germany	557	(a) (a)	h 60-60-60	b .24- .68- —
1887 Japan	645	(a) M.	(a)	.12- .19- —
1888 Cal.	194	7 F.	59-60-59	.67-1.67-1.17
1888 Ind	3	1 F.	59-59-59	.57- .57- .57
1888 N. Y.	331	36 M.	i 54-74-61	1.00-4.17-2.21
1888 N. Y.	331	1 M.	(a)	j 2.50-2.50-2.50
1888 Canada	470	(a) M.	60-60-60	1.58-1.58-1.58
1888 C. of G'd H.	483	(a) (a)	(a)	.28- .33- —
1888 Germany	558	(a) F.	(a)	b .19- .19- .19
1889 Kans	243	2 M.	(a)	1.57-1.57-1.57
1889 Australia	422	(a) (a)	48-48-48	2.03-2.03-2.03
1889 Portugal	691	(a) (a)	(a)	.06½-1.08- —
1890 N. Y.	333	45 M.	(a)	.83-2.50-1.93
1890 N. Y.	333	21 F.	(a)	.75-1.67- .90
1890 C. of G'd H.	486	(a) M.	(a)	1.62-3.24- —
1890 Netherl'ds	666	(a) M.	(a)	.34-2.35- —
1890 Russia	632	(a) (a)	(a)	b .58- .58- .58
1891 Mich	283	66 F.	(a)	.56- .82- .68
1891 N. Y.	333	132 M.	(a)	0.50-3.33-1.70
1891 N. Y.	333	184 F.	(a)	.42-1.67- .49
1891 N. C	346	1 M.	60-60-60	1.67-1.67-1.67
1891 Ohio	372	65 M.	60-60-60	1.00-2.50-1.47
1891 Ohio	372	82 F.	60-60-60	.45- .75- .49
1891 Australia	134	(a) M.	(a)	5.57-5.57-5.57
1891 Aust-Hun	134	(a) (a)	(a)	.46- .46- .46
1891 China	134	(a) (a)	60-60-60	.47- .47- .47
1891 France	505	(a) M.	60-60-60	1.01-1.25- —
1891 Germany	551	(a) (a)	(a)	.48-1.39- —
1892 Cal.	196	22 M.	57-60-59	.58-3.50-1.94
1892 Cal.	196	12 F.	60-60-60	.67-2.00- .95
1892 Me	258	29 F.	60-60-60	.50- .83- .62
1892 Mo	301	4 M.	(a)	2.00-3.00-2.50
1892 Australia	424	(a) M.	(a)	2.03-2.43- —
1892 Australia	424	(a) F.	(a)	.58- .58- .58
1892 C. of G'd H.	486	(a) M.	(a)	2.03-4.06- —
1892 England	577	(a) M.	(a)	.85- .85- .85
1892 England	577	(a) F.	57-57-57	.10- .49- —
1892 France	505	(a) M.	k 63-72 —	.39-1.25- —
1892 France	505	(a) M.	69-69-69	l 1.16-1.74- —
1892 France	505	(a) F.	n 72-72-72	.14- .39- —
1892 Japan	132	(a) M.	(a)	.02½-.31- —
1892 Japan	646	(a) (a)	(a)	.10- .27- —
1892 Russia	692	(a) (a)	(a)	.18- .60- —
1893 Ill.	10	4 M.	57-60-59	.50-2.50-1.31
1893 Ill.	10	9 F.	60-60-60	.42-1.17- .65
1893 Md	10	4 M.	60-72-68	1.17-1.67-1.46
1893 Md	10	1 F.	54-54-54	.83- .83- .83
1893 Mont	307	1 (a)	48-48-48	4.17-4.17-4.17
1893 N. Y.	10	64 M.	o 55-85-60	.42-3.33-1.43
1893 N. Y.	10	116 F.	o 53-68-59	.33-1.67- .75
1893 Ohio	374	125 M.	p 54-60-59	.50-3.50-1.60
1893 Ohio	374	41 F.	54-60-59	.50- .90- .69
1893 Pa	10	9 M.	60-94-64	.50-2.50-1.50
1893 Pa	10	1 M.	60-60-60	b .83- .83- .83
1893 Pa	10	3 F.	60-72-64	.42- .92- .61
1893 Aust-Hun	448	(a) M.	q 66-66-66	.16-1.45- —
1893 Aust-Hun	448	(a) M.	r 66-66-66	b .12- .48- —
1893 England	583	(a) (a)	(a)	1.22-1.38- —
1893 Italy	639	(a) M.	66-66-66	.32- .64- —
1893 Japan	647	(a) (a)	(a)	.16- .32- —
1893 N. Zealand	668	(a) M.	50-52 —	1.62-1.82- —
1894 Ind	228	10 F.	59-59-59	.58-1.00- .82
1894 Iowa	236	6 M.	60-60-60	.50-1.33- .76
1894 Iowa	236	7 F.	60-60-60	.38- .75- .56
1894 N. H	316	1 M.	48-48-48	3.00-3.00-3.00
1894 Ohio	375	62 M.	o 54-60-60	.52-4.00-1.67
1894 Ohio	375	17 F.	59-60-59	.44- .85- .56
1894 W. Va.	406	3 M.	o 60-60-60	.83-2.00-1.44
1894 Australia	425	(a) M.	(a)	1.22-2.03- —
1894 Australia	425	(a) F.	(a)	.32- .61- —
1894 C. of G'd H.	487	(a) M.	48-72 —	1.42-2.64- —
1894 C. of G'd H.	487	(a) M.	48-60 —	b .19- .85- —
1894 France	129	(a) M.	(a)	1.16-3.28- —
1895 Ga	7	48 M.	59-59-59	1.00-2.00-1.35
1895 Md.	7	74 M.	60-60-60	1.33-3.33-2.12
1895 Mass	7	15 M.	59-59-59	2.33-4.17-3.23
1895 N. Y.	7	110 M.	59-60-59	.42-3.33-1.36
1895 N. Y.	7	15 F.	60-60-60	.33- .75- .50
1895 N. Y.	341	32 (a)	60-60-60	.25-2.83-1.27
1895 N. C.	7	3 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	7	21 M.	60-60-60	1.67-3.00-2.10

a Not reported.
b And board and lodging.
c Applies to but 4 of the 6 wage quotations.
d And board, lodging, and plain clothing.
e Applies to but 4 of the 7 wage quotations.
f Applies to but 2 of the 4 wage quotations.
g Not including hours of 30 persons not reported.
h Applies to but 1 of the 3 wage quotations.
i Not including hours of 4 persons not reported.
j And board.
k Applies to but 4 of the 5 wage quotations.
l And *gratifications*.
n Applies to but 2 of the 3 wage quotations.
o Not including hours of 1 person not reported.
p Not including hours of 5 persons not reported
q Applies to but 3 of the 5 wage quotations.
r Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CANDY MAKERS AND CONFECTIONERS—Concluded.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1895 Ohio	376	158 M.	54-60-60	0.85-3.00-1.51
1895 Ohio	376	122 F.	60-60-60	.48-1.00- .51
1895 Pa	8	8 M.	60-60-60	2.00-2.00-2.00
1895 R. I	7	1 M.	66-66-66	3.00-3.00-3.00
1895 Wis.	413	1 (a)	60-60-60	2.50-2.50-2.50
1895 Greece	137	(a) (a)	(a)	.06½-.51- —
1895 Japan	648	(a) M.	(a)	.14- .25- —
1895 Spain	133	(a) M.	(a)	.70- .80- —
1896 Ga	7	19 M.	60-66-64	1.33-2.00-1.63
1896 Ill.	7	50 M.	60-60-60	1.08-3.33-2.06
1896 Ill.	7	1 F.	60-60-60	.92- .92- .92
1896 Ill.	12	4 M.	b60-60-60	.50-1.21- .97
1896 Iowa	7	18 M.	59-60-60	1.00-3.02-2.17
1896 Iowa	7	3 F.	60-60-60	.50- .50- .50
1896 Mich	7	11 M.	60-60-60	.83-2.03-1.50
1896 Mich	7	41 F.	60-60-60	.50-3.00-1.07
1896 Mo	305	339 M.	48-60-59	1.25-2.65-1.62
1896 Mo	305	201 F.	48-60-60	.65-1.40- .74
1896 N. Y.	7	23 M.	60-60-60	1.50-3.00-2.25
1896 N. Y.	7	10 F.	60-60-60	.33- .50- .47
1896 N. Y.	336	11 M.	(a)	.83-2.50-1.80
1896 Ohio	7	4 M.	60-60-60	1.25-3.00-2.38
1896 Ohio	377	151 M.	59-60-59	1.03-2.03-1.19
1896 Ohio	377	57 F.	60-60-60	0.50-0.64-0.64
1896 Pa	7	35 M.	54-60-57	2.00-4.17-2.76
1896 W. Va	7	1 M.	59-59-59	3.00-3.00-3.00
1896 Wis	7	19 M.	60-60-60	1.25-8.01-2.94
1896 Australia	427	(a) M.	(a)	1.22-2.43- —
1896 Australia	427	(a) F.	(a)	.32- .61- —
1896 Canada	184	(a) M.	(a)	1.67-3.33- —
1896 France	505	(a) M.	c54-72 —	.30-1.16- —
1896 France	505	(a) M.	60-66 —	d.44- .52- —
1896 France	505	(a) F.	54-72 —	.36- .48- —
1896 Japan	649	(a) M.	(a)	.17- .26- —
1897 Va	404	3 M.	60-60-60	2.00-2.00-2.00
1897 Australia	428	(a) M.	(a)	1.22-2.43- —
1897 Australia	428	(a) F.	(a)	1.22-1.22-1.22
1897 Japan	650	(a) M.	(a)	.09½-.29- —
1898 Australia	429	(a) M.	(a)	1.22-2.43- —
1898 Australia	429	(a) F.	(a)	.61-1.22- —
1898 Denmark	493	(a) M.	(a)	.89-1.12- —
1898 Denmark	493	(a) M.	(a)	e.22- .58- —
1899 Ga	18	39 M.	60-60-60	.67-6.67-1.46
1899 Ga	18	50 F.	60-60-60	.42- .75- .50
1900 Ga	18	39 M.	60-60-60	.67-6.67-1.46
1900 Ga	18	50 F.	60-60-60	.42- .75- .50

CANDY MAKERS' AND CONFECTIONERS' HELPERS.

1880 Ga	7	7 M.	60-66-63	1.00-1.25-1.21
1880 Mich	7	1 M.	(a)	.50- .50- .50
1880 N. Y.	7	32 M.	59-59-59	.83-1.25-1.10
1880 Pa	7	18 M.	b58-60-59	.58-2.00-1.06
1880 W. Va	7	1 M.	60-60-60	1.67-1.67-1.67
1881 Ga	7	4 F.	59-59-59	.50- .50- .50
1883 Ohio	7	11 M.	60-78-63	.67-1.50-1.22
1884 Persia	178	(a) (a)	(a)	.32- .32- .32
1885 Md.	7	27 M.	f60-60-60	.42-1.67- .84
1885 Mass	7	16 M.	59-59-59	1.17-2.00-1.53
1885 N. Y.	7	5 M.	60-60-60	.50- .50- .50
1885 Wis	7	31 M.	60-60-60	.38-1.00- .55
1886 Ill.	7	17 M.	60-60-60	.67-1.67-1.10
1886 Iowa	7	8 M.	59-60-60	.58-1.50- .78
1886 Iowa	7	2 F.	60-60-60	.58- .83- .71
1886 Mich	7	7 M.	60-60-60	1.00-1.00-1.00
1886 N. Y.	7	9 M.	60-60-60	.67-1.58-1.20
1887 Minn	3	1 F.	60-60-60	.42- .42- .42
1887 N. Y.	3	1 F.	(a)	.50- .50- .50
1888 N. Y.	331	59 M.	g60-60-60	.75-2.33-1.03
1888 N. Y.	331	101 F.	b60-60-60	.50-1.00- .50
1890 N. Y.	333	83 M.	(a)	.50-1.50- .70
1891 N. Y.	333	156 M.	(a)	.50-1.67- .98
1892 Cal.	196	1 F.	57-57-57	.50- .50- .50
1893 Italy	639	(a) M.	66-66-66	.11- .19- —
1894 Ohio	375	16 M.	59-60-60	.57-1.25- .91
1894 W. Va	406	1 M.	60-60-60	.67- .67- .67
1895 Ga	7	20 F.	59-59-59	.50- .58- .53
1895 Md.	7	85 M.	60-60-60	.33-1.67- .59
1895 Mass	7	33 M.	59-59-59	1.17-2.00-1.53
1895 N. Y.	7	37 M.	59-60-59	.75-1.25-1.15
1895 Ohio	7	27 M.	60-60-60	1.00-1.50-1.17
1895 Ohio	376	40 M.	h60-60-60	.67-1.25- .91
1895 Ohio	376	33 F.	60-60-60	.40- .83- .73
1895 Pa	8	13 M.	60-60-60	1.33-1.33-1.33
1895 R. I	7	1 M.	66-66-66	.50- .50- .50
1895 R. I	7	1 F.	60-60-60	.83- .83- .83
1896 Ga	7	9 M.	60-66-64	.75-1.25- .97
1896 Ill.	7	36 M.	60-60-60	.67-1.67-1.10
1896 Iowa	7	16 M.	59-60-60	.50-1.50- .82
1896 Iowa	7	10 F.	59-60-60	.42- .83- .63
1896 Mich	7	15 M.	60-60-60	.50-1.00- .91
1896 N. Y.	7	30 M.	60-60-60	.50-1.67-1.04
1896 Ohio	7	4 M.	60-60-60	.56- .75- .66
1896 Ohio	377	18 M.	g60-60-60	.66-1.00- .83
1896 Pa	7	31 M.	55-58-57	.67-2.67-1.24
1896 W. Va	7	2 M.	60-60-60	1.67-2.00-1.83
1896 Wis	7	57 M.	60-60-60	.38-1.17- .60
1897 Australia	428	(a) F.	(a)	.28- .49- —
1898 Australia	429	(a) F.	(a)	.28- .49- —

CANE MAKERS.

1869 Germany	609	(a) M.	(a)	.24- .85- —
1869 Germany	609	(a) F.	(a)	.18- .27- —
1871 Germany	185	(a) M.	(a)	.30- .30- .30
1890 N. Y.	333	32 M.	(a)	1.67-2.00-1.95
1891 N. Y.	333	24 M.	(a)	1.67-3.00-2.07
1891 China	105	(a) (a)	(a)	.19- .19- .19
1891 France	505	(a) M.	60-60-60	.77-1.35- —
1891 France	505	(a) F.	60-60-60	.58- .58- .58

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 2 of the 3 wage quotations.
d And board.
e And board and lodging.
f Not including hours of 19 persons not reported.
g Not including hours of 2 persons not reported.
h Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CANE MOUNTERS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y.	333	8 M.	(a)	1.67-2.00-1.83
1891	N. Y.	333	8 M.	(a)	1.67-2.50-2.02

CAN MACHINE TENDERS, SNUFF.

Year	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Pa	7	18 M.	60-60-60	.50-1.67-1.09
1896	Pa	7	13 M.	60-60-60	.67-1.50-1.26

CAN MAKERS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1881	Me	7	4 M.	60-60-60	1.67-1.67-1.67
1882	Me	7	3 M.	(a)	1.71-2.23-1.96
1882	Md	2	1200 M.	60-60-60	1.20-1.83-1.51
1883	Md	2	1050 M.	60-60-60	1.20-1.45-1.33
1883	Mass	273	9 M.	(a)	1.78-2.33-2.03
1883	Mass	273	10 F.	(a)	1.00-1.67-1.22
1883	Mass	273	6 (a)	(a)	.56- .99- .74
1884	N. J	323	1 M.	60-60-60	2.25-2.25-2.25
1884	Canada	466	(a) M.	60-60-60	2.34-2.34-2.34
1885	Md	2	2600 M.	60-60-60	1.10-1.87-1.45
1886	Cal	193	15 M.	60-60-60	1.50-1.50-1.50
1886	Cal	193	20 F.	60-60-60	.83- .83- .83
1886	Md	7	22 M.	(a)	2.00-3.00-2.48
1887	Ohio	3	2 F.	47-47-47	.83-1.00- .92
1887	Ohio	369	2 M.	60-60-60	2.00-2.00-2.00
1888	N. Y.	331	118 M.	59-59-59	1.67-2.00-1.96
1889	Canada	471	(a) M.	60-60-60	1.86-1.86-1.86
1890	N. Y.	333	224 M.	(a)	.50-2.50-1.19
1891	N. Y.	333	180 M.	(a)	.50-2.50-1.29
1892	Ill.	210	9 F.	60-60-60	.50- .83- .70
1892	Me	258	206 M.	60-60-60	1.96-1.96-1.96
1893	Ill.	10	6 M.	59-60-60	.50-2.00-1.39
1893	Md	10	83 M.	48-72-61	.33-2.50-1.36
1893	Md	10	1 F.	60-60-60	1.00-1.00-1.00
1893	N. Y.	10	2 M.	60-60-60	1.00-1.33-1.17
1893	Ohio	374	26 M.	60-60-60	1.75-1.75-1.75
1893	Pa	10	1 M.	60-60-60	1.67-1.67-1.67
1894	Ind	228	6 (a)	48-48-48	2.20-2.20-2.20
1894	Iowa	236	36 M.	60-60-60	.40-1.50- .72
1894	Iowa	236	11 F.	60-60-60	.40-1.00- .63
1894	Ohio	375	1 M.	60-60-60	1.75-1.75-1.75
1895	Kans	249	1 (a)	48-48-48	1.50-1.50-1.50
1895	Me	7	56 M.	60-60-60	.67-3.83-2.32
1895	Me	7	4 F.	60-60-60	1.20-1.31-1.23
1895	Md	7	30 M.	60-60-60	2.00-2.50-2.15
1898	N. J	329	13 M.	54-60-59	1.50-1.83-1.61

CANNERS, CANNED GOODS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	N. J	7	4 M.	56-56-56	1.67-1.67-1.67
1886	Mich	7	14 F.	60-60-60	.58- .58- .58
1887	Cal	3	9 F.	b 60-72-62	.68-1.50-1.09
1887	Ill	3	1 F.	59-59-59	.67- .67- .67
1887	N. Y.	3	2 F.	60-60-60	.50- .60- .55
1887	Ohio	369	762 M.	60-72-68	.50-1.00- .75
1887	Ohio	369	111 F.	60-60-60	.50-1.00- .72
1888	Cal	194	9 F.	60-60-60	.60-1.50-1.13
1888	Ind	3	1 F.	59-59-59	.65- .65- .65
1888	N. Y.	331	4 M.	60-60-60	1.33-1.33-1.33
1889	Kans	243	2 F.	(a)	.55- .55- .55
1891	Mich	283	23 F.	(a)	.50- .50- .50
1891	N. Y.	333	b M.	(a)	.92-2.00-1.64
1892	Me	258	18 F.	60-60-60	.50-1.17- .67
1893	Md	10	1 F.	72-72-72	1.00-1.00-1.00
1894	N. Y.	8	3 M.	60-60-60	2.00-2.00-2.00
1894	Ohio	375	8 F.	60-60-60	.75- .85- .81
1895	N. J	7	11 M.	56-56-56	1.67-1.67-1.67
1896	Mich	7	7 F.	60-60-60	.58- .67- .63
1896	Nebr	314	400 M.	60-60-60	.66-2.50-1.80
1896	Nebr	314	80 F.	60-60-60	1.00-3.00-1.50

CANTERS, LUMBER.

Year	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Mich	278	13 M.	(a)	1.75-2.00-1.92
1885	Mich	279	8 M.	66-66-66	1.38-1.75-1.52
1887	Wis	409	3 M.	(a)	1.82-1.82-1.82
1888	Canada	470	(a) M.	64-64-64	1.31-1.31-1.31
1889	Canada	471	(a) M.	62-62-62	1.16-1.16-1.16
1891	Minn	191	15 M.	(a)	c1.00-1.15-1.07
1891	Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1891	Canada	191	(a) M.	(a)	c .50- .77- —
1892	Minn	191	15 M.	(a)	c1.00-1.15-1.07
1892	Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1892	Canada	191	(a) M.	(a)	c .58-1.00- —
1893	Minn	191	15 M.	(a)	c .69- .69- .69
1893	Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1893	Canada	191	(a) M.	(a)	c .38- .84- —
1894	Minn	191	15 M.	(a)	c .77- .77- .77
1894	Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1894	Canada	191	(a) M.	(a)	c .54- .81- —
1895	Minn	191	15 M.	(a)	c .77- .77- .77
1895	Canada	191	(a) M.	60-66-60	1.50-1.50-1.50
1895	Canada	191	(a) M.	(a)	c .54- .81- —
1896	Ga	8	2 M.	60-60-60	.85- .85- .85
1896	Minn	8	1 M.	60-60-60	c .61- .61- .61
1896	Minn	191	15 M.	(a)	c .61- .61- .61
1896	Canada	191	(a) M.	60-60-60	1.50-1.50-1.50
1896	Canada	191	(a) M.	(a)	c .46- .69- —

a Not reported. b Not including hours of 1 person not reported. c And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CANT SETTERS, LUMBER.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1891	Minn	191	1	M.	60-60-60	2.00-2.00-2.00
1891	Canada	191	(a)	M.	66-66-66	1.34-1.54- —
1892	Minn	191	1	M.	60-60-60	2.00-2.00-2.00
1892	Canada	191	(a)	M.	66-66-66	1.34-1.54- —
1893	Minn	191	1	M.	60-60-60	2.00-2.00-2.00
1893	Canada	191	(a)	M.	66-66-66	1.34-1.54- —
1894	Minn	191	1	M.	60-60-60	1.40-1.40-1.40
1894	Canada	191	(a)	M.	66-66-66	1.34-1.54- —
1895	Minn	191	3	M.	60-60-60	1.40-1.50-1.47
1895	Canada	191	(a)	M.	60-60-60	1.34-1.54- —
1896	Minn	191	3	M.	60-60-60	1.40-1.50-1.47
1896	Canada	191	(a)	M.	60-60-60	1.34-1.54- —

CANVAS SEWERS, MEAT PACKING.

1887	Md	3	2	F.	48-48-48	.50- .50- .50
1888	Ind	3	5	F.	48-63-52	.67-1.42- .99
1892	Ill	210	5	F.	60-60-60	1.01-1.39-1.25
1894	Ind	228	4	F.	54-54-54	.83-1.00- .96

CAPMAKERS, CLOTH.

(b)	England	563	(a)	F.	(a)	.28- .28- .28
1863	England	565	(a)	F.	(a)	.24- .41- —
1863	Ireland	565	(a)	(a)	(a)	.49- .49- .49
1865	Germany	177	(a)	(a)	78-78-78	c.18- .18- .18
1866	England	566	(a)	M.	60-60-60	.28- .28- .28
1866	Germany	177	(a)	(a)	78-78-78	c.20- .20- .20
1867	Germany	177	(a)	(a)	78-78-78	c.24- .24- .24
(d)	England	567	(a)	F.	66-66-66	.36- .53- —
1868	Germany	177	(a)	(a)	78-78-78	c.24- .24- .24
1869	Germany	177	(a)	(a)	78-78-78	c.24- .24- .24
1869	Germany	609	(a)	M.	(a)	.24- .61- —
1869	Germany	609	(a)	F.	(a)	.18- .33- —
1870	Germany	177	(a)	(a)	78-78-78	c.24- .24- .24
1870	Germany	610	(a)	M.	72-72-72	.24- .61- —
1870	Germany	610	(a)	F.	72-72-72	.18- .33- —
1870	Italy	610	(a)	M.	(a)	.58- .58- .58
1870	Italy	610	(a)	F.	(a)	.25- .25- .25
1870	Italy	610	(a)	(a)	(a)	.19- .19- .19
1871	Mass	267	440	F.	60-60-60	.42-2.50-1.05
1871	Germany	177	(a)	(a)	78-78-78	c.27- .27- .27
1871	Ireland	568	(a)	F.	(a)	.20- .24- —
1872	Germany	177	(a)	(a)	78-78-78	c.27- .27- .27
1872	Ireland	185	(a)	F.	(a)	.20- .24- —
1873	Germany	177	(a)	(a)	78-78-78	c.30- .30- .30
1874	Germany	177	(a)	(a)	78-78-78	c.30- .30- .30
1875	Germany	177	(a)	(a)	78-78-78	c.30- .30- .30
1877	England	570	(a)	F.	50-50-50	.24- .42- —
1880	Ohio	7	3	M.	54-54-54	1.78-1.90-1.83
1880	Ohio	7	5	F.	54-54-54	.73- .97- .82
1884	N. J	323	1	F.	(a)	.35- .35- .35
1884	Canada	466	(a)	F.	57-59 —	.58- .62- —
1884	Italy	178	(a)	M.	(a)	.44- .44- .44
1885	N. Y	330	56	F.	e 60-66-63	.50-1.25- .98
1886	Ill	208	8	(a)	57-57-57	1.67-1.67-1.67
1886	N. Y	2	144	(a)	59-59-59	1.79-1.79-1.79
1886	Pa	3	1	F.	53-53-53	.92- .92- .92
1887	Ill	3	8	F.	47-60-54	.63-1.67-1.06
1887	Mass	3	8	F.	47-56-52	.38-1.00- .76
1887	Minn	3	1	F.	54-54-54	1.00-1.00-1.00
1887	N. Y	3	7	F.	53-59-57	.67-1.67-1.15
1887	Ohio	3	8	F.	50-59-54	.42-1.00- .70
1887	Ohio	369	36	F.	60-60-60	.75-1.00- .89
1890	N. Y	333	56	M.	(a)	1.50-2.00-1.89
1890	N. Y	333	14	F.	(a)	.83- .83- .83
1891	Mich	283	14	F.	(a)	.64- .64- .64
1891	N. Y	333	49	M.	(a)	1.36-2.25-1.95
1891	N. Y	333	20	F.	(a)	1.00-1.00-1.00
1892	Ill	210	3	F.	60-60-60	.63-1.81-1.11
1893	Ill	10	8	M.	50-72-60	1.00-2.00-1.46
1893	Ill	10	3	F.	54-60-58	.83-1.17-1.00
1893	N. Y	10	4	M.	59-65-61	1.67-3.33-2.21
1893	N. Y	10	2	F.	48-59-54	.83-1.50-1.17
1893	Ohio	374	15	M.	60-60-60	1.37-1.37-1.37
1893	Ohio	374	71	F.	f 57-60-58	.67-1.06- .85
1893	Pa	10	6	M.	55-60-59	.75-2.33-1.71
1893	Pa	10	6	F.	58-60-59	.42-1.00- .79
1893	France	507	(a)	F.	60-60-60	.42- .48- —
1894	Ohio	374	4	M.	(a)	1.17-1.17-1.17
1894	Ohio	375	33	M.	60-60-60	1.50-2.00-1.58
1894	Ohio	375	120	F.	g 60-60-60	.75-1.00- .97
1894	France	129	(a)	M.	(a)	1.35-1.35-1.35
1895	Ohio	376	43	M.	h 60-60-60	1.51-2.00-1.92
1895	Ohio	376	59	F.	i 54-60-57	.89-1.50-1.08
1896	Ohio	7	3	M.	54-54-54	1.82-2.10-1.94
1896	Ohio	377	29	M.	h 59-59-59	1.14-1.61-1.16
1896	Ohio	377	130	F.	i 58-60-58	.95-1.14-1.00

CAPMAKERS, FUR.

1885	N. Y	330	10	F.	(a)	1.00-1.00-1.00
1887	Ill	3	2	F.	59-59-59	1.67-2.17-1.92
1887	Minn	3	4	F.	51-57-55	.79-1.25-1.03
1887	N. Y	3	1	F.	53-53-53	1.67-1.67-1.67
1889	Germany	550	(a)	M.	(a)	.71-1.19- —
1889	Germany	550	(a)	F.	(a)	.40- .60- —
1890	N. Y	333	20	M.	(a)	1.75-1.75-1.75
1891	N. Y	333	17	M.	(a)	2.00-2.00-2.00
1895	Wis	7	3	M.	59-59-59	4.08-4.60-4.34

a Not reported.
b Average for 1858–60.
c And board.
d Average for 1867–68.
e Not including hours of 54 persons not reported.
f Not including hours of 30 persons not reported.
g Not including hours of 25 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 31 persons not reported

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAPMAKERS, LACE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Md	3	4 F.	54-54-54	0.88-1.00-0.95	1890 N. Y	333	43 M.	(a)	0.58-3.00-1.13
1887 Mass	3	1 F.	53-53-53	.75- .75- .75	1891 N. Y	333	45 M.	(a)	.67-3.00-1.18
1887 N. Y	3	5 F.	54-54-54	.63-1.50- .99					

CAPPERS, BOTTLING WORKS.

1880 N. Y	7	18 F.	56-56-56	.67-1.17- .97	1894 Ohio	375	1 M.	54-54-54	1.75-1.75-1.75
1882 W. Va	7	7 F.	59-59-59	.50- .50- .50	1895 N. Y	7	2 M.	56-56-56	1.67-1.67-1.67
1885 N. Y	7	2 M.	56-56-56	1.50-1.75-1.63	1895 N. Y	7	20 F.	52-52-52	.67-1.17- .95
1887 N. Y	3	1 F.	43-43-43	.92- .92- .92	1895 Ohio	376	1 M.	60-60-60	1.75-1.75-1.75
1890 N. Y	333	1 M.	(a)	.71- .71- .71	1895 Ohio	376	2 F.	57-57-57	1.00-1.00-1.00
1891 N. Y	333	1 M.	(a)	.79- .79- .79	1895 W. Va	7	8 F.	59-59-59	.50- .67- .55
1893 N. Y	10	1 F.	60-60-60	.67- .67- .67	1896 Ohio	377	1 M.	60-60-60	1.75-1.75-1.75

CAP PLACERS, CANNED GOODS.

1894 Md	8	1 M.	60-60-60	.75- .75- .75	1894 N. Y	8	4 F.	60-60-60	.60- .60- .60
1894 Md	8	1 F.	72-72-72	.75- .75- .75	1895 Md	8	1 F.	90-90-90	.75- .75- .75

CAP PULLERS, SILK AND SILK GOODS.

1886 Pa	7	9 M.	60-60-60	1.05-1.55-1.21	1896 Pa	7	3 M.	60-60-60	1.00-1.90-1.60

CAPSTAN MEN.

1889 England	5	(a) M.	48-56 —	.73- .87- —	1890 England	576	(a) M.	54-54-54	.81- .97- —
1890 England	5	(a) M.	(a)	.68-1.11- —					

CAPSULE FILLERS.

1887 Ind	3	1 F.	(a)	.83- .83- .83	1891 Mich	283	4 F.	(a)	.33- .61- .54

CAPSULE MAKERS.

1884 France	178	(a) M.	(a)	.67- .77- —	1894 Ind	228	3 M.	54-60-56	.83-1.50-1.05
1891 Mich	283	204 F.	(a)	.65-1.25- .83					

CARBONATER MEN, CHEMICALS.

1892 England	632	(a) (a)	56-84 —	1.02-1.56- —	1892 Scotland	632	(a) (a)	70-70-70	1.03-1.03-1.03

CARBON CUTTERS.

1893 N. J	327	9 F.	b 65-65-65	.70- .82- .77	....	.....	....	.....	.....

a Not reported. b Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARBONIZERS, WOOLEN GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Vt	7	3	M.	60-60-60	0.80-0.90-0.87	1895 Vt	7	3	M.	60-60-60	0.90-1.10-1.03
1886 Pa	7	7	M.	a60-60-60	1.33-1.67-1.48	1896 Pa	7	9	M.	60-60-60	1.25-1.50-1.42

CARBON MAKERS.

1893 Ohio	374	12	M.	60-60-60	1.65-2.50-1.79	1896 Mo	305	45	M.	60-60-60	1.87-1.87-1.87
1893 Ohio	374	6	F.	60-60-60	.75- .75- .75	1896 Ohio	377	83	M.	60-60-60	1.26-1.26-1.26
1895 Ohio	376	3	M.	60-60-60	1.65-1.65-1.65						

CARBON SEALERS.

1893 N. J	327	33	F.	b65-65-65	.44-1.01- .84	....	.....	....	....	...	.....	.....

CARBON SETTERS.

1888 N. Y	331	2	M.	70-70-70	2.54-2.54-2.54	1889 N. Y	5	4	M.	a72-72-72	1.80-2.76-2.16
1889 Ill	5	2	M.	60-60-60	1.60-2.25-1.93						

CARBON TOPPERS.

1893 N. J	327	34	F.	c65-65-65	.75-1.81-1.02	....	.....	....	....	...	.....	.....

CAR BUILDERS.

1863 Del	190	11	M.	60-60-60	1.00-2.13-1.43	1877 Germany	177	(d)	M.	(d)	.65- .65- .65
1864 Del	190	40	M.	60-60-60	1.17-2.25-1.64	1878 Del	190	22	M.	60-60-60	1.17-2.67-1.59
1865 Del	190	42	M.	60-60-60	1.42-2.67-2.18	1878 Ohio	360	1	M.	60-60-60	2.27-2.27-2.27
1866 Del	190	81	M.	60-60-60	1.75-3.33-2.44	1878 Pa	383	92	M.	c48-60-54	1.63-2.31-2.03
1867 Del	190	60	M.	60-60-60	2.00-3.33-2.50	1878 England	177	(d)	M.	54-54-54	.72-1.28- —
1868 Del	190	58	M.	60-60-60	2.00-3.33-2.46	1878 Germany	177	(d)	M.	(d)	.65- .65- .65
1869 Del	190	56	M.	60-60-60	2.17-3.00-2.58	1878 Scotland	177	(d)	M.	72-72-72	1.15-1.30- —
1870 Del	190	55	M.	60-60-60	2.33-3.33-2.60	1879 Del	190	12	M.	60-60-60	1.33-2.67-1.88
1870 England	177	(d)	M.	61-61-61	.72-1.20- —	1879 Ohio	361	1	M.	(d)	1.44-1.44-1.44
1871 Del	190	81	M.	60-60-60	2.00-3.00-2.44	1879 Pa	384	140	M.	(d)	1.30-2.20-1.72
1872 Del	190	40	M.	60-60-60	2.00-3.00-2.59	1880 Del	190	2	M.	60-60-60	1.83-2.67-2.25
1872 Ohio	359	1	M.	(d)	2.42-2.42-2.42	1880 England	571	(d)	M.	54-54-54	.35-1.36- —
1872 Ohio	361	1	M.	(d)	2.40-2.40-2.40	1881 Del	190	48	M.	60-60-60	1.50-3.00-1.96
1873 Del	190	36	M.	60-60-60	2.00 3.33-2.62	1881 Ohio	363	1	M.	60-60-60	2.00-2.00-2.00
1873 Germany	177	(d)	M.	(d)	.67- .67- .67	1882 Del	190	19	M.	60-60-60	1.83-3.33-2.31
1873 Scotland	178	(d)	M.	72-72-72	1.05-1.10- —	1882 Mo	294	1	M.	60-60-60	2.50-2.50-2.50
1874 Del	190	30	M.	60-60-60	2.00-3.00-2.30	1882 Ohio	364	5	(d)	60-60-60	1.70-2.45-2.09
1874 Germany	177	(d)	M.	(d)	.69- .69- .69	1883 Del	190	19	M.	60-60-60	1.75-3.33-2.27
1875 Del	190	18	M.	60-60-60	1.58-2.50-2.07	1883 Mich	277	146	M.	(d)	1.00-3.83-2.00
1875 Pa	380	852	M.	e60-60-60	1.60-2.50-1.67	1883 Ohio	365	6	M.	60-60-60	1.70-2.45-2.14
1875 Germany	177	(d)	M.	(d)	.65- .65- .65	1883 England	572	(d)	M.	54-54-54	.30-1.44- —
1876 Del	190	42	M.	60-60-60	1.50-2.67-1.95	1884 Del	190	30	M.	60-60-60	1.75-4.17-2.23
1876 Pa	381	162	M.	f54-60-58	1.75-2.65-2.13	1884 Mo	295	1	M.	60-60-60	2.75-2.75-2.75
1876 Germany	177	(d)	M.	(d)	.65- .65- .65	1884 Ohio	366	5	M.	56-56-56	1.93-1.93-1.93
1877 Del	190	34	M.	60-60-60	1.50-2.67-1.85	1884 Pa	388	2	M.	(d)	1.50-3.00-2.25
1877 Ohio	359	1	M.	60-60-60	2.17-2.17-2.17	1884 Australia	178	(d)	(d)	(d)	2.43-2.43-2.43
1877 Pa	382	160	M.	g48-60-55	1.50-2.30-2.00	1884 Canada	178	(d)	(d)	60-60-60	1.33-2.00- —

a Not including hours of 1 person not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 11 persons not reported.
d Not reported.
e Not including hours of 837 persons not reported.
f Not including hours of 23 persons not reported.
g Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR BUILDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Canada	466	(a) M.	57-59 —	1.65-1.76- —
1884 England	178	(a) M.	b 54-54-54	.75-1.30- —
1884 Germany	178	(a) M.	(a)	.72-1.00- —
1884 Ireland	178	(a) M.	(a)	1.83-1.83-1.83
1884 Italy	178	(a) M.	(a)	.46- .95- —
1884 Mexico	178	(a) (a)	(a)	3.75-4.25- —
1884 Scotland	178	(a) M.	72-72-72	1.13-1.30- —
1884 Wales	178	(a) M.	(a)	.89-1.17- —
1885 Del	1	286 M.	60-60-60	2.00-2.00-2.00
1885 Del	190	25 M.	60-60-60	1.50-3.58-1.87
1885 Kans	239	7 M.	48-60-53	1.75-2.50-2.11
1885 Canada	467	(a) M.	54-54-54	1.42-1.48- —
1885 Germany	547	(a) M.	(a)	.76-1.05- —
1886 Del	190	24 M.	60-60-60	1.50-3.58-1.88
1886 Ill	208	50 M.	60-60-60	1.80-1.80-1.80
1886 Kans	240	865 M.	c 48-60-56	1.49-2.46-2.24
1886 Ohio	368	1 M.	(a)	3.01-3.01-3.01
1886 Canada	468	(a) M.	55-55-55	1.54-1.58- —
1886 England	604	(a) M.	(a)	1.20-1.38- —
1887 Del	190	23 M.	60-60-60	1.50-5.00-2.45
1887 Fla	4	2 M.	(a)	1.25-1.50-1.38
1887 Kans	241	598 M.	d 42-60-57	1.55-2.50-2.10
1887 N. Y	4	8 M.	(a)	2.10-3.07-2.38
1887 Ohio	369	238 M.	60-60-60	1.40-3.00-2.01
1887 Pa	4	291 M.	(a)	1.25-2.75-1.97
1887 Australia	420	(a) (a)	(a)	2.31-2.68- —
1887 Canada	469	(a) M.	42-51 —	1.28-1.37- —
1888 Colo	198	263 M.	(a)	1.80-2.59-2.31
1888 Del	190	23 M.	60-60-60	1.67-5.00-2.50
1888 Iowa	233	451 M.	e 48-60-58	1.52-2.50-1.75
1888 Kans	242	277 M.	f 57-60-58	1.67-2.50-2.13
1888 Mo	298	1 (a)	(a)	2.30-2.30-2.30
1888 N. Y	331	137 M.	f 59-59-59	3.03-3.06-3.05
1888 Australia	430	(a) (a)	(a)	2.31-2.68- —
1888 Australia	432	(a) M.	(a)	2.27-2.68- —
1889 Del	190	22 M.	60-60-60	1.67-5.00-2.53
1889 Iowa	233	494 M.	48-60-56	1.30-2.50-1.58
1889 Kans	243	1 M.	60-60-60	2.50-2.50-2.50
1889 Australia	422	(a) (a)	48-48-48	2.31-2.76- —
1889 Australia	432	(a) M.	(a)	2.07-2.68- —
1889 Canada	471	(a) M.	51-54 —	1.48-1.50- —
1890 Del	190	27 M.	60-60-60	1.67-5.00-2.42
1890 Kans	244	3 M.	(a)	2.36-2.40-2.39
1890 Mich	282	1 M.	60-60-60	1.75-1.75-1.75
1890 N. Y	333	23 M.	(a)	2.91-2.91-2.91
1890 Australia	423	(a) (a)	48-48-48	2.31-2.76- —
1891 Del	190	26 M.	60-60-60	1.67-5.00-2.43
1891 Ireland	107	(a) (a)	57-57-57	1.34-1.34-1.34
1892 Del	20	4 M.	60-60-60	2.75-3.34-3.04
1892 Del	190	24 M.	60-60-60	1.67-2.75-2.23
1892 Ind	227	88 M.	60-60-60	1.47-2.07-1.78
1892 Mich	284	560 M.	g 54-60-58	.50-2.75-1.90
1892 Australia	424	(a) M.	(a)	2.16-2.55- —
1893 Del	20	4 M.	60-60-60	2.70-3.34-3.02
1893 Ill	10	1 M.	59-59-59	2.33-2.33-2.33
1893 Mich	285	3 M.	57-60-59	1.75-2.00-1.92
1893 Ohio	374	50 M.	48-48-48	1.82-1.82-1.82
1894 Del	20	4 M.	60-60-60	2.70-3.34-3.02
1894 Ind	228	10 M.	54-54-54	1.71-1.71-1.71
1894 Ohio	375	65 M.	60-60-60	1.91-1.91-1.91
1895 Del	20	3 M.	60-60-60	2.70-3.34-3.13
1895 Ohio	376	2 M.	54-54-54	2.00-2.00-2.00
1896 Kans	250	2 M.	54-54-54	1.44-2.00-1.72
1896 Mo	305	178 M.	60-60-60	1.75-2.75-1.88
1897 Mont	311	53 (a)	(a)	2.35-2.37-2.36
1898 Va	404	61 (a)	60-60-60	1.60-1.60-1.60
1899 Uruguay	157	(a) (a)	(a)	1.50-2.00- —

CAR BUILDERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Canada	185	(a) M.	60-60-60	1.00-1.00-1.00
1887 N. Y	4	1 M.	(a)	1.50-1.50-1.50
1887 Pa	4	2 M.	(a)	.60- .80- .70
1893 Ohio	374	5 M.	48-48-48	1.38-1.38-1.38

CAR CHECKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 England	177	(a) M.	(a)	.34- .48- —
1877 Germany	177	(a) M.	(a)	.40- .40- .40
1878 England	177	(a) M.	(a)	.34- .55- —
1883 Mich	277	4 M.	(a)	1.15-1.48-1.36
1884 Mich	278	2 M.	(a)	1.15-1.64-1.40
1884 Australia	178	(a) (a)	(a)	.73-1.46- —
1884 England	178	(a) M.	(a)	.17- .86- —
1884 Germany	178	(a) M.	(a)	.38- .60- —
1884 Wales	178	(a) M.	(a)	.40- .48- —
1885 Mich	279	20 M.	(a)	.82-1.64-1.25
1887 Md	4	17 M.	(a)	1.15-1.64-1.24
1887 Mass	4	17 M.	(a)	1.32-2.50-1.71
1887 Mich	4	48 M.	h 70-70-70	.74-2.00-1.23
1887 N. J	4	3 M.	(a)	1.32-1.48-1.42
1887 N. Y	4	26 M.	(a)	1.32-1.97-1.53
1887 Pa	4	12 M.	(a)	1.32-1.81-1.42
1889 Australia	432	(a) M.	(a)	1.95-1.95-1.95
1890 England	576	(a) M.	54-54-54	.85-1.05- —
1892 England	632	(a) M.	57-57-57	.97- .97- .97
1893 Mich	285	8 M.	70-84-74	.66-1.64-1.38
1894 Iowa	236	1 M.	84-84-84	1.79-1.79-1.79

a Not reported.
b Applies to but 6 of the 7 wage quotations.
c Not including hours of 498 persons not reported.
d Not including hours of 4 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 8 persons not reported.
g Not including hours of 380 persons not reported.
h Not including hours of 47 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR CLEANERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 England	177	(a) M.	(a)	0.58-0.58-0.58
1874 Pa	380	6 M.	(a)	1.29-1.29-1.29
1874 Canada	185	(a) M.	60-60-60	1.50-1.50-1.50
1875 Pa	380	15 F.	(a)	1.00-1.00-1.00
1876 Pa	381	30 M.	b70-70-70	.80-1.50-1.30
1876 Pa	381	12 F.	b56-56-56	.83-1.05- .90
1876 Germany	177	(a) M.	(a)	.48- .48- .48
1877 Pa	382	29 M.	c56-70-69	1.00-1.41-1.31
1877 Pa	382	25 F.	d70-70-70	.50-1.00- .86
1877 Germany	177	(a) M.	(a)	.39- .46- —
1878 Pa	383	22 M.	56-70-69	1.30-1.40-1.40
1878 Pa	383	14 F.	e70-70-70	.50- .92- .84
1878 England	177	(a) M.	(a)	.69- .69- .69
1878 Germany	177	(a) M.	(a)	.38- .45- —
1879 Pa	384	6 M.	70-70-70	1.30-1.30-1.30
1879 Pa	384	7 F.	70-70-70	.90- .90- .90
1880 Ill	205	44 M.	60-71-69	.83-1.21- .99
1882 Ohio	364	10 (a)	f70-84 —	1.43-1.43-1.43
1883 England	43	(a) (a)	(a)	.59- .59- .59
1884 Cal	192	98 M.	g91-91-91	1.64-1.97-1.95
1884 N. J	323	1 M.	70-70-70	1.48-1.48-1.48
1884 Pa	388	466 (a)	(a)	.99- .99- .99
1884 Australia	178	(a) (a)	(a)	1.21-2.67- —
1884 Brazil	178	(a) M.	66-66-66	.78- .78- .78
1884 Canada	466	(a) M.	60-60-60	1.39-1.39-1.39
1884 Ceylon	178	(a) (a)	(a)	.17- .20- —
1884 England	178	(a) M.	(a)	.61- .89- —
1884 Germany	178	(a) M.	84-84-84	.39- .61- —
1884 Peru	178	(a) M.	63-63-63	.82- .82- .82
1884 Spain	178	(a) M.	70-70-70	.48- .58- —
1884 Switzerl'd	178	(a) F.	(a)	.03- .44- —
1884 Wales	178	(a) M.	(a)	.68- .77- —
1885 Kans	239	2 M.	70-70-70	1.45-1.45-1.45
1885 Kans	239	1 (a)	70-70-70	1.45-1.45-1.45
1885 Mich	279	155 (a)	(a)	.16-2.25-1.23
1885 Pa	389	500 (a)	(a)	1.02-1.02-1.02
1886 Belgium	456	(a) M.	(a)	.39- .50- —
1886 Canada	468	(a) F.	60-60-60	.90- .90- .90
1887 Conn	4	118 M.	(a)	1.00-2.25-1.44
1887 Conn	4	20 F.	(a)	.99-1.50-1.12
1887 Del	4	1 M.	(a)	1.50-1.50-1.50
1887 Del	4	1 M.	(a)	h.12⅛-.12½-.12⅛
1887 Fla	4	20 M.	(a)	.66-1.00- .97
1887 Fla	4	5 F.	(a)	.39-1.00- .78
1887 Md	4	370 M.	i70-70-70	.33-1.35-1.17
1887 Md	4	129 F.	(a)	.26-1.00- .76
1887 Md	4	1 (a)	(a)	.59- .59- .59
1887 Mass	4	124 M.	(a)	.75-1.81-1.44
1887 Mass	4	33 F.	(a)	1.00-1.50-1.07
1887 Mich	4	37 M.	j70-70-70	.99-1.60-1.43
1887 Mich	4	30 M.	(a)	h.09½-.12½-.12
1887 Mo	4	213 M.	(a)	.66-1.90-1.44
1887 Mo	4	4 F.	(a)	.59-1.00- .90
1887 Nebr	312	58 (a)	63-70-69	1.25-1.80-1.46
1887 N. J	4	131 M.	(a)	1.00-1.60-1.29
1887 N. J	4	7 F.	(a)	.25- .90- .76
1887 N. Y	4	164 M.	(a)	.66-1.53-1.20
1887 N. Y	4	53 F.	(a)	.33- .99- .83
1887 Ohio	369	44 M.	67-70-70	1.00-1.50-1.25
1887 Ohio	369	4 F.	70-70-70	.80- .80- .80
1887 Oregon	4	1 M.	(a)	2.00-2.00-2.00
1887 Pa	4	294 M.	k70-70-70	.16-1.50-1.21
1887 Pa	4	17 M.	(a)	h.11-.12½- .12
1887 Pa	4	96 F.	l70-70-70	.13-1.25- .81
1887 Pa	4	8 F.	(a)	h.10- .12- .12
1887 R. I	4	6 M.	(a)	1.30-1.48-1.34
1887 R. I	4	1 F.	(a)	.66- .66- .66
1887 Va	4	5 M.	(a)	1.00-1.15-1.03
1887 Wis	4	39 M.	(a)	.39-1.64-1.15
1887 Wis	4	8 F.	(a)	.49-1.00- .90
1887 Canada	469	(a) M.	63-63-63	.98-1.15- —
1888 Ohio	370	9 M.	70-70-70	1.50-1.50-1.50
1888 Australia	432	(a) M.	(a)	1.34-1.70- —
1888 Canada	470	(a) M.	68-69 —	1.10-1.31- —
1888 Canada	470	(a) F.	60-60-60	.84- .84- .84
1889 Kans	243	168 M.	n70-70-70	1.25-2.40-1.72
1889 Kans	243	44 (a)	o70-70-70	.33-1.85-1.49
1889 Pa	4	1 F.	(a)	.99- .99- .99
1889 Australia	432	(a) M.	(a)	1.70-1.95- —
1889 Canada	471	(a) M.	67-67-67	.99-1.05- —
1889 Germany	514	(a) (a)	(a)	.24- .31- —
1890 Kans	244	7 M.	(a)	1.35-1.50-1.41
1890 Netherl'ds	666	(a) F.	63-70 —	.41- .52- —
1891 Mo	300	57 M.	(a)	.86-1.76-1.60
1892 Cal	196	2 M.	70-84-77	1.32-1.97-1.64
1892 Ohio	373	80 (a)	p70-84-73	.71-2.00-1.52
1892 C. of G'd H.	486	(a) M.	(a)	.73- .87- —
1892 France	113	(a) (a)	(a)	.63- .79- —
1892 Netherl'ds	618	(a) F.	52-60 —	.40- .52- —
1893 Ill	10	10 M.	45-70-61	.67-1.83-1.44
1893 Mich	285	92 M.	j67-84-71	.99-1.60-1.22
1893 Mo	302	64 M.	j70-84-71	1.25-2.00-1.57
1893 Mont	307	2 M.	j70-70-70	2.00-2.00-2.00
1893 N. J	327	24 F.	53-53-53	.96- .96- .96
1893 Ohio	374	17 M.	56-70-69	1.25-1.60-1.28
1893 Ohio	374	4 F.	70-70-70	.70- .75- .73
1893 Pa	10	2 M.	60-63-62	1.50-1.67-1.59
1893 Netherl'ds	632	(a) F.	(a)	.40- .52- —
1894 Mont	309	1 M.	(a)	2.25-2.25-2.25
1895 Mont	309	3 M.	(a)	2.10-2.25-2.15
1896 Fla	15	1 M.	(a)	.86- .86- .86
1896 Mont	310	4 M.	(a)	1.60-2.22-1.85
1896 N. Y	14	309 M.	70-70-70	1.50-1.90-1.51
1897 Mont	311	3 (a)	(a)	1.63-1.97-1.74
1898 Me	261	22 M.	70-70-70	1.25-1.30-1.26
1898 Nebr	314	9 (a)	56-70-68	1.10-1.50-1.42

CAR COUPLERS, COAL MINING.

1840	England	625	(a)	M.	(a)	.32- .65- —	1885	Pa	1	12	M.	60-60-60	1.75-2.25-2.13
1873	England	185	(a)	M.	(a)	.36-1.21- —	1886	Belgium	456	(a)	M.	(a)	.35- .70- —
1873	England	185	(a)	M.	(a)	q.46- .73- —	1886	England	602	(a)	M.	(a)	.33- .33- .33
1874	Wales	185	(a)	M.	(a)	.64-1.88- —	1889	Ill	5	1	M.	60-60-60	.90- .90- .90
1876	Pa	381	12	M.	(a)	1.00-1.76-1.70	1889	Pa	5	7	M.	(a)	.75-1.50-1.06
1877	Pa	382	2	M.	54-60-57	.60-2.00-1.30	1889	England	5	(a)	M.	57-57-57	1.01-1.01-1.01
1878	Pa	383	1	M.	(a)	1.75-1.75-1.75	1891	Belgium	457	(a)	M.	61-72 —	.77- .95- —

a Not reported.
b Not including hours of 8 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 11 persons not reported.
e Not including hours of 3 persons not reported.
f Employees at different hours not reported.
g Not including hours of 90 persons not reported.
h Per hour.
i Not including hours of 367 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 276 persons not reported.
l Not including hours of 95 persons not reported.
n Not including hours of 6 persons not reported.
o Not including hours of 38 persons not reported.
p Not including hours of 13 persons not reported.
q And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR COUPLERS, RAILROAD.

Year and State or country.	Re-p't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Brazil	611	(a)	M.	(a)	0.89-0.89-0.89	1884 Tunis	178	(a)	M.	(a)	0.48-0.48-0.48
1884 Germany	178	(a)	M.	(a)	.44- .55- —	1887 Fla	4	4	M.	(a)	.49- .50- .50
1884 Italy	178	(a)	M.	(a)	.43- .43- .43	1887 Mass	4	2	M.	(a)	2.00-2.00-2.00
1884 Malta	178	(a)	M.	(a)	.32- .32- .32	1887 N. Y	4	8	M.	(a)	1.32-1.64-1.56

CARDBOARD MAKERS.

1869 Germany	609	(a)	M.	(a)	.24- .73- —	1891 France	522	(a)	F.	(a)	.29- .29- .29
1869 Germany	609	(a)	F.	(a)	.16- .28- —	1892 France	505	(a)	M.	60-75 —	.58- .97- —
1870 Germany	610	(a)	M.	72-72-72	.24- .73- —	1892 France	505	(a)	F.	75-75-75	.29- .29- .29
1870 Germany	610	(a)	F.	72-72-72	.16- .28- —	1896 France	510	(a)	F.	48-48-48	.14- .29- —
1889 Portugal	691	(a)	(a)	(a)	.43- .65- —						

CARD BOYS, TEXTILES.

1885 N. J	1	4	M.	66-66-66	.62- .62- .62	1888 N. Y	331	1	M.	(a)	.90- .90- .90
1885 N. Y	1	187	M.	60-66-63	.48- .75- .57	1890 N. Y	6	1	M.	60-60-60	1.00-1.00-1.00
1886 N. J	325	14	M.	60-60-60	.50- .67- .60	1894 N. Y	8	3	M.	60-60-60	.67- .85- .73
1886 Pa	7	1	M.	60-60-60	.79- .79- .79	1895 Ohio	376	6	M.	60-60-60	.50- .50- .50
1887 Wis	409	8	M.	(a)	.75- .75- .75	1896 Pa	7	3	M.	60-60-60	.75- .75- .75

CARD CLEANERS, TEXTILES.

1850 R. I	190	2	M.	84-84-84	.92- .92- .92	1871 Conn	190	5	M.	66-66-66	.69-1.25-1.06
1851 R. I	190	2	M.	84-84-84	.92- .92- .92	1871 R. I	190	8	M.	72-72-72	1.00-1.25-1.22
1852 R. I	190	2	M.	84-84-84	.92- .92- .92	1871 Germany	185	(a)	M.	(a)	.24- .28- —
1853 R. I	190	2	M.	84-84-84	.92- .92- .92	1872 Conn	190	3	M.	66-66-66	1.00-1.25-1.12
1854 R. I	190	2	M.	84-84-84	.88- .88- .88	1872 R. I	190	8	M.	72-72-72	1.00-1.33-1.29
1855 R. I	190	2	M.	84-84-84	.88- .88- .88	1872 Aust-Hun.	185	(a)	(a)	(a)	.16- .34- —
1856 R. I	190	2	M.	84-84-84	.88- .88- .88	1872 Russia	612	(a)	(a)	69-69-69	.37- .37- .37
1857 R. I	190	2	M.	84-84-84	.88- .88- .88	1873 Conn	190	5	M.	66-66-66	.69-1.35-1.00
1858 Conn	190	2	M.	72-72-72	.62- .62- .62	1873 R. I	190	8	M.	72-72-72	1.00-1.33-1.29
1858 R. I	190	2	M.	84-84-84	.88- .88- .88	1874 Conn	190	4	M.	66-66-66	.69-1.25- .97
1859 Conn	190	3	M.	72-72-72	.62- .69- .64	1874 R. I	190	8	M.	72-72-72	.85-1.13-1.10
1859 R. I	190	2	M.	84-84-84	.83- .83- .83	1874 England	713	(a)	(a)	(a)	.93- .93- .93
1860 Conn	190	1	M.	72-72-72	.69- .69- .69	1874 Germany	713	(a)	(a)	(a)	.60- .60- .60
1860 R. I	190	2	M.	78-78-78	.83- .83- .83	1875 Conn	190	7	M.	60-66-65	.69-1.35-1.05
1860 Russia	609	(a)	M.	(a)	.20- .21- —	1875 R. I	190	8	M.	72-72-72	1.00-1.25-1.22
1861 Conn	190	1	M.	72-72-72	.77- .77- .77	1876 Conn	190	8	M.	66-66-66	.69-1.13- .89
1861 R. I	190	3	M.	78-78-78	.75- .75- .75	1876 R. I	190	8	M.	72-72-72	1.00-1.25-1.22
1862 Conn	190	2	M.	72-72-72	.69- .95- .82	1877 Conn	190	7	M.	66-66-66	.69-1.12- .87
1862 R. I	190	4	M.	78-78-78	.75- .75- .75	1877 R. I	190	8	M.	72-72-72	1.00-1.00-1.00
1863 Conn	190	4	M.	72-72-72	.69- .77- .71	1878 Conn	190	9	M.	66-66-66	.69-1.12- .83
1863 R. I	190	5	M.	78-78-78	.75- .75- .75	1878 R. I	190	8	M.	72-72-72	1.00-1.10-1.01
1864 Conn	190	6	M.	72-72-72	.69- .90- .81	1879 Conn	190	7	M.	66-66-66	.69-1.13- .88
1864 R. I	190	4	M.	78-78-78	.83- .83- .83	1879 R. I	190	8	M.	72-72-72	1.00-1.10-1.01
1865 Conn	190	4	M.	66-66-66	.69-1.13- .88	1880 Conn	190	7	M.	66-66-66	1.15-1.20-1.17
1865 R. I	190	1	M.	78-78-78	.92- .92- .92	1880 R. I	190	6	M.	72-72-72	1.00-1.10-1.02
1866 Conn	190	4	M.	66-66-66	.69-1.25-1.03	1881 Conn	190	5	M.	66-66-66	1.13-1.13-1.13
1866 R. I	190	1	M.	78-78-78	.96- .96- .96	1881 N. J	320	1	M.	66-66-66	1.33-1.33-1.33
1867 Conn	190	7	M.	66-66-66	.69-1.25- .85	1881 R. I	190	7	M.	72-72-72	1.00-1.10-1.01
1867 R. I	190	1	M.	78-78-78	1.00-1.00-1.00	1882 Conn	190	5	M.	66-66-66	1.13-1.13-1.13
1868 Conn	190	10	M.	66-66-66	.69-1.25-1.08	1882 R. I	190	7	M.	72-72-72	1.00-1.10-1.01
1868 R. I	190	1	M.	72-72-72	1.00-1.00-1.00	1882 Germany	40	(a)	(a)	66-66-66	.45- .65- —
1868 Germany	610	(a)	M.	72-72-72	.24- .24- .24	1882 Italy	33	(a)	M.	(a)	.20- .22- —
1869 Conn	190	7	M.	66-66-66	.69-1.25-1.03	1882 Switzerl'd	32	(a)	(a)	(a)	.38- .41- —
1869 R. I	190	1	M.	72-72-72	1.00-1.00-1.00	1883 Conn	190	5	M.	66-66-66	1.13-1.13-1.13
1869 Russia	185	(a)	M.	(a)	.22- .25- —	1883 Mass	273	5	(a)	(a)	.40- .43- .45
1870 Conn	190	5	M.	66-66-66	.69-1.25-1.08	1883 R. I	190	8	M.	72-72-72	1.00-1.10-1.01
1870 R. I	190	8	M.	72-72-72	1.00-1.25-1.22	1883 Br. India	459	(a)	(a)	(a)	.07½-.07½-.07½

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD CLEANERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Conn	190	11 M.	66-66-66	0.69-1.18-1.00
1884 N. J	323	10 M.	60-60-60	1.00-1.33-1.21
1884 R. I	190	8 M.	72-72-72	1.00-1.10-1.01
1884 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1884 Canada	466	(a) M.	63-63-63	.88- .88- .88
1884 Germany	178	(a) M.	(a)	.45- .65- —
1885 Conn	190	7 M.	66-66-66	.69-1.13- .88
1885 Ind	1	7 M.	66-66-66	1.09-1.50-1.19
1885 N. J	324	2 M.	60-60-60	.88-1.21-1.05
1885 N. Y	1	29 M.	60-66-64	.77-1.80-1.34
1885 N. Y	1	1 F.	66-66-66	1.50-1.50-1.50
1885 N. Y	7	2 M.	(a)	1.13-1.13-1.13
1885 R. I	190	9 M.	72-72-72	1.00-1.10-1.07
1885 Br. India	459	(a) (a)	(a)	.07- .07- .07
1885 Canada	467	(a) M.	60-60-60	1.02-1.02-1.02
1885 Gr't Brit	1	(a) M.	60-60-60	.80- .80- .80
1885 Italy	1	(a) M.	72-72-72	.39- .44- —
1886 Conn	190	4 M.	66-66-66	.69-1.13-1.02
1886 N. J	325	8 M.	60-60-60	.58-1.00- .83
1886 Pa	7	7 M.	60-60-60	1.00-1.50-1.43
1886 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1886 Br. India	459	(a) (a)	(a)	.07- .07- .07
1886 Canada	468	(a) M.	60-60-60	1.03-1.03-1.03
1886 England	67	(a) M.	56-56-56	.79- .79- .79
1887 Conn	190	8 M.	60-60-60	.69-1.13- .96
1887 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1887 Br. India	459	(a) (a)	(a)	.07- .07- .07
1888 Conn	6	6 M.	(a)	1.25-1.25-1.25
1888 Conn	190	2 M.	60-60-60	1.10-1.13-1.12
1888 Mass	190	11 M.	60-60-60	.62- .92- .87
1888 N. Y	331	26 M.	b 60-60-60	1.00-1.38-1.23
1888 R. I	6	7 M.	(a)	.67- .67- .67
1888 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1888 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1888 Germany	6	(a) M.	(a)	.43- .43- .43
1889 Conn	6	9 M.	60-60-60	.67- .90- .82
1889 Conn	190	1 M.	60-60-60	1.13-1.13-1.13
1889 Mass	6	1 M.	60-60-60	0.95-0.95-0.95
1889 Mass	190	11 M.	60-60-60	.62- .92- .84
1889 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1889 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1890 Conn	190	7 M.	60-60-60	1.13-1.50-1.24
1890 Mass	190	11 M.	60-60-60	.62- .92- .81
1890 N. Y	333	24 M.	(a)	1.00-1.70-1.41
1890 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1890 Br. India	459	(a) (a)	(a)	.08- .08- .08
1891 Conn	190	5 M.	60-60-60	1.13-1.25-1.17
1891 Mass	190	5 M.	60-60-60	.70- .70- .70
1891 N. Y	333	24 M.	(a)	1.00-1.70-1.41
1891 R. I	190	9 M.	60-60-60	1.00-1.20-1.07
1891 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1892 Conn	190	2 M.	60-60-60	1.13-1.13-1.13
1892 Ind	227	1 (a)	60-60-60	.93- .93- .93
1892 Mass	20	2 M.	58-58-58	.87- .87- .87
1892 R. I	20	4 M.	60-60-60	1.10-1.10-1.10
1892 Br. India	459	(a) (a)	(a)	.08- .08- .08
1893 Mass	20	3 M.	58-58-58	.54- .54- .54
1893 R. I	20	4 M.	60-60-60	1.10-1.10-1.10
1893 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1894 N. C	8	2 M.	66-66-66	.50- .50- .50
1894 Ohio	375	2 M.	60-60-60	1.25-1.25-1.25
1894 R. I	20	4 M.	60-60-60	1.00-1.00-1.00
1894 Br. India	459	(a) (a)	(a)	.05½-.05½-.05½
1895 N. Y	7	3 M.	60-60-60	1.25-1.38-1.29
1895 N. C	8	3 M.	66-66-66	.30- .30- .30
1895 Ohio	376	2 M.	60-60-60	1.25-1.25-1.25
1895 R. I	20	4 M.	60-60-60	1.10-1.10-1.10
1895 Tenn	7	1 M.	66-66-66	.90- .90- .90
1895 Br. India	459	(a) (a)	(a)	.06- .06- .06
1896 Ohio	377	2 M.	60-60-60	1.25-1.25-1.25
1896 Pa	7	8 M.	60-60-60	1.67-1.67-1.67
1896 Br. India	459	(a) (a)	(a)	.07- .07- .07
1897 Italy	641	(a) M.	(a)	.50- .50- .50

CARD CLOTHIERS.

1885 Me	1	4 M.	66-66-66	.91-1.58-1.08
1885 Mass	1	1 M.	60-60-60	1.90-1.90-1.90
1885 N. H	1	1 M.	65-65-65	1.50-1.50-1.50
1885 Gr't Brit	1	(a) M.	60-60-60	.80-1.28- —
1888 Ga	6	1 M.	66-66-66	1.30-1.30-1.30
1889 Mass	6	7 M.	60-60-60	1.50-1.50-1.50
1889 N. H	6	1 M.	60-60-60	1.72-1.72-1.72
1891 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1892 Me	258	2 M.	60-60-60	1.75-1.90-1.83
1892 Mass	20	3 M.	58-60-59	1.45-3.00-2.15
1893 Mass	20	3 M.	58-58-58	1.45-2.00-1.82
1894 Mass	20	3 M.	58-58-58	1.45-1.88-1.74
1895 Mass	20	3 M.	58-58-58	1.45-1.88-1.74
1895 N. H	7	1 M.	60-60-60	1.80-1.80-1.80

CARD CUTTERS.

1855 Pa	190	1 M.	60-60-60	1.50-1.50-1.50
1856 Pa	190	1 M.	60-60-60	1.50-1.50-1.50
1857 N. Y	8	1 M.	60 60-60	1.50-1.50-1.50
1857 N. Y	8	10 F.	60-60-60	.75- .75- .75
1857 Pa	190	1 M.	60-60-60	1.17-1.17-1.17
1858 Pa	190	1 M.	60-60-60	1.17-1.17-1.17
1859 Pa	190	1 M.	60-60-60	1.17-1.17-1.17
1861 Pa	190	1 M.	60-60-60	.86- .86- .86
1867 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1873 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1880 N. Y	7	2 M.	60-60-60	2.00-2.00-2.00
1880 N. Y	7	2 F.	57-57-57	1.00-1.00-1.00
1883 N. Y	7	2 M.	59-59-59	1.17-1.33-1.25
1884 N. J	7	2 M.	(a)	2.00-2.50-2.25
1884 Spain	178	(a) F.	66-66-66	.24- .72- —
1885 N. Y	7	2 F.	60-60-60	1.00-1.00-1.00
1886 Pa	3	1 F.	50-50-50	1.00-1.00-1.00
1886 R. I	3	1 F.	59-59-59	1.00-1.00-1.00
1887 Ill	3	1 F.	57-57-57	.92- .92- .92
1887 N. Y	3	1 F.	56-56-56	.69- .69- .69
1887 Ohio	3	3 F.	59-59-59	.50- .83- .67
1887 Pa	3	1 F.	59-59-59	.54- .54- .54
1887 Germany	557	(a) (a)	60-60-60	.63- .83- —
1888 Germany	558	(a) (a)	60-60-60	.87- .87- .87
1890 N. Y	333	8 M.	(a)	1.00-2.83-1.35
1891 N. Y	333	9 M.	(a)	1.00-2.83-1.70

a Not reported.

b Not including hours of 24 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD CUTTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 France	505	(a)	M.	(a)	1.35-1.35-1.35	1895 Mass	7	1	M.	60-60-60	1.00-1.00-1.00
1892 Ill	210	1	F.	54-54-54	.67- .67- .67	1895 N. J	7	1	M.	55-55-55	2.50-2.50-2.50
1893 N. J	327	27	F.	b 65-65-65	.60- .90- .77	1895 N. Y	7	3	M.	60-60-60	2.50-2.50-2.50
1894 Ind	228	1	F.	60-60-60	.60- .60- .60	1895 N. Y	7	5	F.	57-60-58	.67-1.17-1.07
1894 Ind	228	1	(a)	60-60-60	2.00-2.00-2.00	1896 N. Y	8	7	M.	60-60-60	1.50-1.50-1.50
1895 Conn	8	1	M.	60-60-60	1.50-1.50-1.50	1896 N. Y	8	21	F.	60-60-60	1.00-1.00-1.00

CARD CUTTERS' HELPERS.

1883	N. Y	7	2	F.	56-56-56	.33- .42- .38	....	.....	....	....	...	.....	.....

CARD CUTTERS, PATTERN WEAVING.

1883	Mass	273	9	M.	(a)	.65-1.25- .84	1886	Scotland	600	(a)	F.	57-57-57	.51- .51- .51
1885	Mass	1	2	M.	60-60-60	1.70-1.70-1.70	1888	N. Y	331	1	F.	59-59-59	1.17-1.17-1.17
1885	Minn	7	1	M.	(a)	1.50-1.50-1.50	1888	England	179	(a)	(a)	(a)	.48- .48- .48
1885	N. Y	1	4	F.	60-60-60	1.00-1.40-1.26	1890	N. Y	333	3	M.	(a)	.80-1.20-1.05
1885	Gr't Brit	1	(a)	M.	60-60-60	.38- .38- .38	1890	Scotland	6	(a)	M.	56-56-56	.69- .69- .69
1885	Gr't Brit	1	(a)	F.	60-60-60	.40- .40- .40	1890	Scotland	6	(a)	F.	56-56-56	.55- .55- .55
1886	N. J	325	2	M.	60-60-60	2.00-2.00-2.00	1891	N. Y	333	3	M.	(a)	.80-1.20-1.05
1886	England	600	(a)	M.	57-57-57	.97- .97- .97	1893	Scotland	632	(a)	F.	(a)	.53- .75- —
1886	Ireland	600	(a)	M.	57-57-57	.92- .92- .92	1896	Conn	8	5	F.	60-60-60	1.25-1.25-1.25
1886	Scotland	600	(a)	M.	57-57-57	.93- .93- .93	1896	Minn	7	1	M.	60-60-60	1.40-1.40-1.40

CARDERS, BUTTONS.

1857	N. J	8	3	F.	66-66-66	.50- .50- .50	1888	N. Y	331	2	M.	c 58-58-58	1.00-1.00-1.00
1862	Mass	8	6	F.	60-60-60	.60- .60- .60	1888	N. Y	331	4	F.	59-59-59	.83- .83- .83
1882	N. J	7	3	F.	(a)	.83-1.08- .97	1890	N. Y	333	10	M.	(a)	.83-1.00- .87
1885	N. J	7	24	F.	50-59-58	.83-1.17-1.02	1891	N. Y	333	10	M.	(a)	.83-1.00- .87
1885	N. Y	7	6	F.	59-59-59	1.08-1.08-1.08	1892	France	505	(a)	F.	36-60 —	.19- .39- —
1885	Gr't Brit	1	(a)	F.	60-60-60	.55- .55- .55	1893	N. J	327	31	F.	d 55-55-55	1.00-2.00-1.65
1886	N. J	3	5	F.	53-59-57	.58-1.08- .78	1895	Mass	7	7	F.	58-58-58	.80-1.00- .96
1886	N. Y	3	5	F.	56-62-60	.25- .75- .62	1895	Mass	8	26	F.	60-60-60	1.00-1.00-1.00
1886	Pa	3	5	F.	49-50-49	.75-1.00- .85	1895	N. J	7	54	F.	55-59-58	.50-1.50-1.01
1886	R. I	3	3	F.	53-60-55	.50- .83- .69	1895	N. Y	7	8	F.	59-59-59	1.00-1.00-1.00
1887	Ill	3	1	F.	60-60-60	.50- .50- .50	1898	N. J	329	7	M.	60-60-60	.83-2.00-1.17
1887	Mass	3	2	F.	58-58-58	.50- .50- .50	1898	N. J	329	90	F.	60-60-60	.33-1.42- .71
1887	N. Y	3	5	F.	54-59-57	.58-1.17- .75	1898	France	512	(a)	F.	63-66 —	.36- .53- —
1887	Germany	557	(a)	F.	57-60 —	.24- .40- —	1899	N. Y	18	45	F.	59-59-59	.92-1.17- .96
1888	N. J	326	2	F.	(a)	1.17-1.17-1.17	1900	N. Y	18	45	F.	59-59-59	.92-1.17- .96

CARDERS, JEWELRY.

1885	Mass	7	4	F.	58-58-58	1.20-1.20-1.20	1887	Mass	3	1	F.	54-54-54	.92- .92- .92
1885	R. I	3	1	F.	(a)	.50- .50- .50	1895	Mass	7	5	F.	58-58-58	1.00-1.50-1.25
1886	R. I	3	6	F.	50-60-56	.67-1.17- .97							

CARDERS, TEXTILES.

1832	England	188	(a)	M.	(a)	.58- .68- —	1833	England	624	(a)	(a)	(a)	.16- .16- .16
1832	England	188	(a)	F.	(a)	.36- .38- —	1835	Switzerl'd	611	(a)	M.	(a)	.12- .18- —
1833	England	188	(a)	M.	(a)	.94- .94- .94	1836	Belgium	610	(a)	M.	(a)	.17- .17- .17
1833	England	624	(a)	F.	(a)	.31- .31- .31	1836	Switzerl'd	611	(a)	M.	(a)	.12- .21- —

a Not reported.
b Not including hours of 7 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1837 Switzerl'd.	611	(a) M.	(a)	0.12-0.21- —
1838 Switzerl'd.	611	(a) M.	(a)	.12- .22- —
1839 England ..	562	(a) M.	69-69-69	.24- .24- .24
1839 Switzerl'd.	611	(a) M.	(a)	.12- .23- —
1840 Switzerl'd.	611	(a) M.	(a)	.12- .23- —
1841 Russia	185	(a) M.	(a)	.18- .32- —
1841 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1842 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1843 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1844 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1845 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1846 Belgium ..	610	(a) M.	(a)	.19- .19- .19
1846 Switzerl'd.	611	(a) M.	(a)	.14- .23- —
1847 Switzerl'd.	611	(a) M.	(a)	.13- .23- —
1848 Switzerl'd.	611	(a) M.	(a)	.14- .24- —
1849 Mass	190	2 M.	75-75-75	.75- .75- .75
1849 England ..	562	(a) M.	60-60-60	.26- .26- .26
1849 Switzerl'd.	611	(a) M.	(a)	.13- .24- —
1850 Mass	190	7 M.	75-75-75	.75- .75- .75
1850 R. I	190	5 M.	84-84-84	.58- .58- .58
1850 Belgium ..	598	(a) (a)	(a)	.29- .36- —
1850 Switzerl'd.	611	(a) M.	(a)	.13- .24- —
1851 Mass	190	7 M.	75-75-75	.75- .75- .75
1851 R. I	190	5 M.	84-84-84	.58- .58- .58
1851 England ..	171	(a) F.	(a)	.22- .22- .22
1851 Switzerl'd.	611	(a) M.	(a)	.12- .25- —
1852 Mass	190	7 M.	75-75-75	.75- .75- .75
1852 R. I	190	4 M.	84-84-84	.58- .58- .58
1852 Switzerl'd.	611	(a) M.	(a)	.13- .25- —
1853 Mass	190	6 M.	75-75-75	.75- .75- .75
1853 R. I	190	5 M.	84-84-84	.58- .58- .58
1853 Switzerl'd.	611	(a) M.	(a)	.11- .25- —
1854 Mass	190	6 M.	66-66-66	.75- .75- .75
1854 R. I	190	5 M.	84-84-84	.58- .58- .58
1854 Switzerl'd.	611	(a) M.	(a)	.11- .27- —
1855 Mass	190	6 M.	66-66-66	.75- .75- .75
1855 R. I	190	5 M.	84-84-84	.58- .58- .58
1855 Switzerl'd.	611	(a) M.	(a)	.11- .27- —
1856 Mass	190	7 M.	66-66-66	.75- .75- .75
1856 R. I	190	5 M.	84-84-84	.58- .58- .58
1856 Belgium ..	610	(a) M.	(a)	.25- .25- .25
1856 Scotland ..	562	(a) F.	(a)	.37- .37- .37
1856 Switzerl'd.	611	(a) M.	(a)	.11- .27- —
1857 Mass	190	7 M.	66-66-66	.75- .75- .75
1857 R. I	190	4 M.	84-84-84	.58- .58- .58
1857 Scotland ..	562	(a) F.	(a)	.37- .37- .37
1857 Switzerl'd.	611	(a) M.	(a)	.17- .27- —
1858 Conn.....	190	3 M.	72-72-72	.50- .58- .55
1858 Mass	190	7 M.	66-66-66	.75- .75- .75
1858 R. I	190	5 M.	84-84-84	.58- .58- .58
1858 Scotland ..	562	(a) F.	(a)	.37- .37- .37
1858 Switzerl'd.	611	(a) M.	(a)	.17- .31- —
1859 Conn.....	190	4 M.	72-72-72	.52- .58- .56
1859 Me	7	3 M.	(a)	.46- .98- .63
1859 Mass	190	34 M.	66-78-76	.23-1.00- .54
1859 Mass	190	2 F.	78-78-78	.38- .50- .44
1859 R. I	190	5 M.	84-84-84	.58- .58- .58
1859 England ..	562	(a) M.	60-60-60	.28- .28- .28
1859 Switzerl'd.	611	(a) M.	(a)	.17- .31- —
1860 Conn.....	190	8 M.	72-72-72	.58- .65- .61
1860 Mass	190	36 M.	66-78-76	.27-1.25- .64
1860 Mass	190	5 F.	78-78-78	.38- .50- .43
1860 R. I	190	5 M.	78-78-78	.58- .58- .58
1860 Belgium ..	598	(a) (a)	(a)	.29- .39- —
1860 Russia	609	(a) F.	(a)	.10- .11- —
(b) Scotland ..	563	(a) M.	(a)	.12- .18- —
(b) Scotland ..	563	(a) F.	(a)	.37- .41- —
1860 Switzerl'd.	611	(a) M.	(a)	.17- .31- —
1861 Conn.....	190	5 M.	72-72-72	.62- .65- .64
1861 Mass	190	29 M.	66-78-75	.46-1.25- .70
1861 R. I	190	5 M.	78-78-78	.58- .58- .58
1861 Scotland ..	564	(a) M.	(a)	0.12-0.18- —
1861 Scotland ..	564	(a) F.	(a)	.37- .41- —
1861 Switzerl'd.	611	(a) M.	(a)	.17- .33- —
1862 Conn.....	190	11 M.	72-72-72	.52- .65- .61
1862 Mass	190	43 M.	66-78-76	.42-1.00- .60
1862 Mass	190	18 F.	78-78-78	.50- .54- .51
1862 R. I	190	5 M.	78-78-78	.58- .58- .58
1862 Italy	635	(a) M.	(a)	.29- .37- —
1862 Switzerl'd.	611	(a) M.	(a)	.17- .33- —
1863 Conn.....	190	6 M.	72-72-72	.62- .73- .65
1863 Mass	190	46 M.	66-78-77	.39-1.13- .66
1863 Mass	190	8 F.	78-78-78	.50- .62- .54
1863 R. I	190	1 M.	78-78-78	.50- .50- .50
1863 Belgium ..	610	(a) M.	(a)	.29- .29- .29
1863 Italy	635	(a) M.	(a)	.29- .37- —
1863 Scotland ..	565	(a) M.	(a)	.12- .18- —
1863 Scotland ..	565	(a) F.	(a)	.41- .41- .41
1863 Switzerl'd.	611	(a) M.	(a)	.18- .33- —
1864 Conn.....	190	12 M.	72-72-72	.38- .77- .63
1864 Mass	190	35 M.	66-78-76	.50-1.25- .76
1864 Mass	190	26 F.	78-78-78	.54- .58- .55
1864 R. I	190	1 M.	78-78-78	.71- .71- .71
1864 Italy	635	(a) M.	(a)	.29- .37- —
1864 Switzerl'd.	611	(a) M.	(a)	.20- .37- —
1865 Conn.....	190	11 M.	66-66-66	.58- .92- .82
1865 Mass	190	26 M.	66-66-66	.58-1.25- .92
1865 Mass	190	16 F.	66-66-66	.58- .62- .61
1865 R. I	190	1 M.	78-78-78	.83- .83- .83
1865 Italy	635	(a) M.	(a)	.29- .39- —
1865 Switzerl'd.	611	(a) M.	(a)	.21- .36- —
1866 Conn.....	190	10 M.	66-66-66	.50- .92- .73
1866 Mass	190	18 M.	66-66-66	.62-1.40-1.07
1866 Mass	190	18 F.	66-66-66	.69- .69- .69
1866 R. I	190	1 M.	78-78-78	.88- .88- .88
1866 England ..	566	(a) F.	60-60-60	.30- .32- —
1866 Italy	635	(a) M.	(a)	.29- .39- —
1866 Scotland ..	566	(a) F.	60-60-60	.28- .28- .28
1866 Switzerl'd.	611	(a) M.	(a)	.18- .37- —
1867 Conn.....	190	6 M.	66-66-66	.58- .92- .76
1867 Mass	190	31 M.	66-66-66	.60-1.50- .98
1867 Mass	190	18 F.	66-66-66	.60- .70- .65
1867 N. H	7	4 M.	66-74-72	.67- .92- .76
1867 N. H	7	5 F.	66-74-72	.44- .75- .66
1867 R. I	190	1 M.	78-78-78	.80- .80- .80
1867 Italy	635	(a) M.	(a)	.28- .42- —
1867 Switzerl'd.	611	(a) M.	(a)	.20- .35- —
1868 Conn.....	190	8 M.	66-66-66	.54- .90- .70
1868 Mass	190	27 M.	66-66-66	.65-1.50- .98
1868 Mass	190	5 F.	66-66-66	.65- .70- .68
1868 Pa	7	3 M.	62-62-62	.60-1.25- .87
1868 Pa	7	3 F.	62-62-62	.67-1.00- .78
1868 R. I	190	1 M.	72-72-72	.80- .80- .80
(c) England ..	567	(a) F.	60-60-60	.36- .39- —
1868 France....	33	(a) M.	(a)	.29- .29- .29
1868 Germany .	185	(a) M.	(a)	.20- .54- —
1868 Germany .	185	(a) F.	(a)	.14- .18- —
1868 Germany .	610	(a) M.	78-78-78	.36- .36- .36
1868 Germany .	610	(a) F.	72-78 —	.15- .24- —
1868 Germany .	610	(a) (a)	72-72-72	.14- .18- —
1868 Italy	185	(a) M.	(a)	.35- .35- .35
1868 Italy	635	(a) M.	(a)	.29- .42- —
1868 Switzerl'd.	611	(a) M.	(a)	.19- .35- —
1869 Conn.....	190	8 M.	66-66-66	.54- .92- .70
1869 Mass	190	24 M.	66-66-66	.50-1.50-1.05
1869 Mass	190	6 F.	66-66-66	.50- .70- .66
1869 R. I	190	1 M.	72-72-72	.80- .80- .80
1869 France....	33	(a) M.	(a)	.72- .72- .72
1869 Italy	635	(a) M.	(a)	.29- .42- —
1869 Russia	185	(a) F.	(a)	.12- .12- .12
1869 Switzerl'd.	611	(a) M.	(a)	.20- .35- —
1869 Switzerl'd.	611	(a) (a)	72-72-72	.31- .31- .31

a Not reported. *b* Average for 1859–60. *c* Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Conn	190	5 M.	66-66-66	0.54-0.80-0.63
1870 Mass	190	29 M.	66-66-66	.60-1.50- .99
1870 Mass	190	4 F.	66-66-66	.65- .70- .69
1870 Pa	7	3 M.	64-64-64	.54-2.00-1.04
1870 R. I	190	3 M.	72-72-72	.83- .83- .83
1870 Belgium	33	(a) M.	(a)	.68- .68- .68
1870 Belgium	598	(a) (a)	(a)	.29- .42- —
1870 France	33	(a) M.	(a)	.72- .72- .72
1870 France	33	(a) (a)	(a)	.48- .48- .48
1870 Germany	33	(a) M.	(a)	.39- .53- —
1870 Italy	635	(a) M.	(a)	.29- .42- —
1870 Norway	611	(a) M.	(a)	.54- .72- —
1870 Switzerl'd.	611	(a) M.	(a)	.20- .35- —
1871 Conn	190	9 M.	66-66-66	.46- .92- .67
1871 Me	7	3 M.	66-66-66	.92-1.25-1.11
1871 Me	7	2 F.	66-66-66	1.00-1.00-1.00
1871 Mass	190	27 M.	66-66-66	.50-1.50-1.01
1871 Mass	190	4 F.	66-66-66	.65- .70- .69
1871 R. I	190	4 M.	72-72-72	.67- .83- .79
1871 England	629	(a) M.	60-60-60	.81-2.03- —
1871 England	629	(a) F.	60-60-60	.34- .53- —
1871 England	629	(a) (a)	60-60-60	.41- .53- —
1871 Italy	635	(a) M.	(a)	.29- .44- —
1871 Norway	185	(a) (a)	(a)	.53- .71- —
1871 Scotland	185	(a) M.	60-60-60	.16-1.21- —
1871 Scotland	185	(a) F.	60-60-60	.26- .26- .26
1871 Scotland	185	(a) (a)	60-60-60	.34- .34- .34
1871 Switzerl'd.	611	(a) M.	(a)	.24- .37- —
1872 Conn	190	6 M.	66-66-66	.50- .84- .64
1872 Mass	190	20 M.	66-66-66	.60-1.50-1.13
1872 Mass	190	12 F.	66-66-66	.60- .80- .70
1872 R.I	190	2 M.	72-72-72	.83- .83- .83
1872 S. C	7	4 M.	72-72-72	.85- .85- .85
1872 Germany	185	(a) M.	b 60-60-60	.36- .54- —
1872 Germany	185	(a) F.	c 66-66-66	.19- .38- —
1872 Germany	185	(a) F.	(a)	d .06- .06- .06
1872 Germany	185	(a) (a)	(a)	.48- .48- .48
1872 Italy	635	(a) M.	(a)	.29- .44- —
1872 Switzerl'd.	612	(a) (a)	72-72-72	.37- .41- —
1872 Turkey	612	(a) F.	(a)	.22- .22- .22
1873 Conn	190	8 M.	66-66-66	.50- .84- .63
1873 Mass	190	22 M.	66-66-66	.60-1.38-1.20
1873 Mass	190	11 F.	66-66-66	.70- .80- .74
1873 N. H	7	2 M.	66-66-66	1.25-1.25-1.25
1873 Pa	379	13 M.	(a)	1.57-1.57-1.57
1873 Pa	379	28 F.	(a)	.75-1.33- .81
1873 Pa	379	27 (a)	(a)	.62- .62- .62
1873 R. I	190	3 M.	72-72-72	.75- .83- .80
1873 Tenn	7	1 M.	57-57-57	1.00-1.00-1.00
1873 Italy	635	(a) M.	(a)	.29- .44- —
1873 Switzerl'd.	612	(a) (a)	72-72-72	.37- .41- —
1873 Switzerl'd.	714	(a) (a)	(a)	.16- .33- —
1874 Conn	190	7 M.	66-66-66	.50- .77- .61
1874 Me	7	7 M.	66-66-66	.70-1.50-1.20
1874 Me	7	9 F.	66-66-66	.70- .85- .79
1874 Mass	190	19 M.	66-66-66	.70-1.38-1.19
1874 Mass	190	11 F.	66-66-66	.70- .80- .74
1874 Pa	7	2 M.	62-62-62	.45- .55- .50
1874 Pa	380	9 M.	(a)	.90-2.50-1.47
1874 Pa	380	14 F.	(a)	1.20-1.20-1.20
1874 R.I	190	3 M.	72-72-72	.70- .74- .71
1874 England	569	(a) F.	59-59-59	.24- .57- —
1874 Italy	635	(a) M.	(a)	.30- .44- —
1874 Scotland	177	(a) F.	56-56-56	.36- .46- —
1875 Conn	190	9 M.	66-66-66	.58- .62- .60
1875 Me	7	2 M.	64-64-64	1.25-2.00-1.63
1875 Mass	190	21 M.	60-66-64	.70-1.38-1.15
1875 Mass	190	12 F.	66-66-66	.70- .80- .73
1875 Mass	270	162 M.	(a)	.50-3.33-1.82
1875 Mass	270	10 F.	(a)	0.84-1.42-0.95
1875 R. I	190	3 M.	72-72-72	.87- .87- .87
1875 England	169	(a) M.	(a)	.97- .97- .97
1875 England	169	(a) F.	(a)	.49- .73- —
1875 Italy	635	(a) M.	(a)	.30- .44- —
1875 Scotland	177	(a) M.	(a)	.36- .46- —
1876 Conn	190	6 M.	66-66-66	.58- .65- .61
1876 Ga	3	1 F.	(a)	.50- .50- .50
1876 Mass	190	20 M.	60-60-60	.75-1.38-1.17
1876 Mass	190	12 F.	60-60-60	.70- .80- .73
1876 N. H	7	13 M.	66-66-66	.40-1.30- .68
1876 N. H	7	7 F.	66-66-66	.50- .60- .53
1876 Pa	381	69 M.	(a)	.53-3.33-1.15
1876 Pa	381	16 F.	(a)	.44- .44- .44
1876 Pa	382	13 M.	(a)	.77- .88- .79
1876 R. I	190	3 M.	72-72-72	.87- .87- .87
1876 S. C	7	12 M.	66-66-66	.65- .75- .71
1876 Italy	635	(a) M.	(a)	.30- .46- —
1876 Scotland	177	(a) F.	56-56-56	.36- .46- —
1877 Conn	190	7 M.	66-66-66	.46- .65- .58
1877 Ga	8	4 M.	66-66-66	.80- .80- .80
1877 Me	7	19 M.	66-66-66	.30-2.00- .78
1877 Me	7	8 F.	66-66-66	.30- .75- .58
1877 Mass	190	15 M.	60-60-60	.70-1.27-1.08
1877 Mass	190	8 F.	60-60-60	.70- .75- .71
1877 Ohio	359	1 M.	(a)	.83- .83- .83
1877 R. I	190	3 M.	72-72-72	.72- .72- .72
1877 England	570	(a) M.	55-57 —	.45-1.01- —
1877 England	570	(a) F.	57-57-57	.41- .41- .41
1877 Ireland	570	(a) F.	56-56-56	.29- .29- .29
1877 Italy	635	(a) M.	(a)	.36- .46- —
1877 Scotland	177	(a) F.	56-56-56	.33- .38- —
1878 Conn	190	5 M.	66-66-66	.46- .65- .58
1878 Ga	7	17 M.	66-66-66	.60- .75- .64
1878 Mass	190	23 M.	60-60-60	.70-1.27- .95
1878 Mass	190	9 F.	60-60-60	.70- .75- .71
1878 N. C	7	2 M.	72-72-72	.70- .70- .70
1878 Pa	383	11 M.	e 60-60-60	1.25-3.60-2.01
1878 R. I	190	3 M.	72-72-72	.72- .72- .72
1878 Br. India	459	(a) (a)	(a)	.05- .07½ —
1878 France	33	(a) M.	(a)	.43- .43- .43
1878 Italy	33	(a) (a)	(a)	.29- .48- —
1878 Italy	177	(a) (a)	(a)	.40- .60- —
1878 Italy	635	(a) M.	(a)	.36- .46- —
1878 Scotland	177	(a) F.	56-56-56	.33- .38- —
1879 Conn	190	6 M.	66-66-66	.46- .65- .59
1879 Mass	190	16 M.	60-60-60	.65-1.25- .90
1879 Mass	190	10 F.	60-60-60	.65- .75- .70
1879 Pa	384	27 M.	f 57-72-61	.75-4.00-1.92
1879 Pa	384	10 (a)	e 57-60-59	1.25-3.75-2.18
1879 R. I	190	3 M.	72-72-72	.72- .72- .72
1879 Br. India	459	(a) (a)	(a)	.07- .07- .07
1879 England	25	(a) (a)	56-56-56	1.80-1.80-1.80
1879 Italy	635	(a) M.	(a)	.36- .46- —
1880 Conn	190	2 M.	66-66-66	.62- .62- .62
1880 Conn	271	1 (a)	66-66-66	1.25-1.25-1.25
1880 Ga	7	13 M.	e 66-69-68	.80- .90- .89
1880 Mass	190	24 M.	60-60-60	.70-1.35-1.05
1880 Mass	190	11 F.	60-60-60	.70- .80- .72
1880 Mass	271	7 (a)	60-62-60	.83-1.25-1.06
1880 N. H	7	4 M.	69-69-69	.67-1.50- .88
1880 N. H	7	5 F.	69-69-69	.67- .83- .70
1880 N. H	271	8 (a)	66-66-66	1.00-1.33-1.19
1880 N. J	319	1 (a)	60-60-60	1.50-1.50-1.50
1880 N. Y	271	1 (a)	66-66-66	1.19-1.19-1.19
1880 Ohio	7	8 M.	(a)	.63- .78- .69
1880 R. I	190	3 M.	72-72-72	.72- .72- .72
1880 R. I	271	3 (a)	66-66-66	1.30-1.33-1.32
1880 Va	7	6 M.	68-68-68	1.00-1.25-1.21

a Not reported.
b Applies to but 2 of the 6 wage quotations.
c Applies to but 6 of the 10 wage quotations.
d Per hour.
e Not including hours of 1 person not reported.
f Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Belgium	598	(a) F.	(a)	0.16-0.39- —
1880 Belgium	598	(a) (a)	(a)	.31- .42- —
1880 Br. India	459	(a) (a)	(a)	.03- .06- —
1880 England	25	(a) (a)	56-56-56	1.60-1.80- —
1880 England	571	(a) F.	56-57 —	.30- .45- —
1880 Italy	635	(a) M.	(a)	.41- .58- —
1880 Scotland	571	(a) M.	56-56-56	.30- .30- .30
1880 Scotland	571	(a) F.	56-56-56	.38- .38- .38
1880 Sweden	21	(a) M.	(a)	.45- .54- —
1880 Sweden	21	(a) F.	(a)	.18- .22- —
1881 Conn	190	6 M.	66-66-66	.62- .65- .64
1881 Ky	7	11 M.	(a)	.33-1.75- .86
1881 Mass	190	16 M.	60-60-60	.60-1.35-1.07
1881 Mass	190	11 F.	60-60-60	.75- .80- .76
1881 N. H	7	53 M.	65-65-65	.50-2.00-1.15
1881 N. H	7	83 F.	65-65-65	.50-1.28- .88
1881 N. J	320	1 M.	60-60-60	2.33-2.33-2.33
1881 Ohio	363	31 M.	60-66-64	.50-2.00- .99
1881 R. I	7	1 M.	66-66-66	.65- .65- .65
1881 R. I	190	3 M.	72-72-72	.67- .67- .67
1881 S. C	7	5 M.	72-72-72	.50- .50- .50
1881 Tenn	7	2 M.	66-66-66	1.00-1.00-1.00
1881 Belgium	598	(a) (a)	(a)	.68- .68- .68
1881 Br. India	459	(a) (a)	(a)	.06½-.07½ —
1881 England	27	(a) (a)	56-56-56	1.60-2.00- —
1881 Italy	635	(a) M.	(a)	.41- .63- —
1882 Conn	7	2 M.	66-66-66	.58- .67- .63
1882 Conn	190	11 M.	66-66-66	.64- .65- .64
1882 Ky	7	3 M.	60-60-60	.60- .83- .70
1882 Me	7	2 M.	66-66-66	1.25-1.50-1.38
1882 Me	7	1 F.	66-66-66	1.00-1.00-1.00
1882 Mass	190	17 M.	60-60-60	.75-1.35-1.09
1882 Mass	190	11 F.	60-60-60	.75- .80- .76
1882 N. H	7	14 M.	66-66-66	.70-2.50-1.36
1882 N. J	321	58 M.	60-66-65	.50-1.50- .84
1882 N. C	7	7 M.	*b*65-72-70	.65- .75- .69
1882 Ohio	364	103 M.	*c*60-66-61	.31-3.00-1.04
1882 R. I	190	3 M.	72-72-72	.60- .65- .62
1882 S. C	7	67 M.	61-76-62	.40-1.17- .76
1882 Belgium	36	(a) M.	72-72-72	.67- .67- .67
1882 Belgium	36	(a) F.	72-72-72	.57- .57- .57
1882 Belgium	40	(a) (a)	72-72-72	.55- .80- —
1882 Br. India	459	(a) (a)	(a)	.06½-.07½ —
1882 England	33	(a) (a)	56-56-56	1.60-2.00- —
1882 France	33	(a) M.	72-72-72	.58- .58- .58
1882 France	33	(a) F.	72-72-72	.34- .45- —
1882 France	34	(a) (a)	72-72-72	.47- .53- —
1882 Germany	33	(a) M.	72-84 —	.32- .44- —
1882 Germany	33	(a) F.	72-72-72	.36- .36- .36
1882 Germany	33	(a) (a)	72-84 —	.24- .32- —
1882 Germany	40	(a) (a)	66-66-66	.30- .35- —
1882 Germany	615	(a) M.	(a)	.24- .32- —
1882 Germany	615	(a) F.	(a)	.24- .36- —
1882 Italy	33	(a) (a)	(a)	.29- .48- —
1882 Italy	635	(a) M.	(a)	.41- .63- —
1883 Ala	7	1 M.	(a)	.75- .75- .75
1883 Conn	190	3 M.	66-66-66	.70- .70- .70
1883 Ga	7	9 M.	(a)	1.00-1.30-1.14
1883 Ky	7	7 M.	(a)	.70-1.00- .87
1883 Mass	190	15 M.	60-60-60	.75-1.35-1.12
1883 Mass	190	8 F.	60-60-60	.75- .80- .76
1883 Mass	273	279 M.	(a)	.35-3.58-1.10
1883 Mass	273	123 F.	(a)	.40-1.18- .92
1883 Mass	273	140 (a)	(a)	.50- .95- .66
1883 Miss	7	5 M.	(a)	.80- .80- .80
1883 N. H	7	8 M.	66-66-66	.55-1.00- .73
1883 N. H	7	1 F.	66-66-66	0.75-0.75-0.75
1883 N. J	7	20 M.	(a)	.46- .83- .66
1883 N. J	322	157 M.	*d*60-60-60	.25-3.00- .73
1883 N. J	322	81 F.	*e*60-60-60	.33- .83- .54
1883 N. C	7	12 M.	(a)	.75- .75- .75
1883 Ohio	7	10 M.	60-60-60	.96-1.35-1.16
1883 R. I	3	1 F.	(a)	1.25-1.25-1.25
1883 R. I	190	3 M.	72-72-72	.60- .65- .62
1883 S. C	7	67 M.	72-72-72	.60- .65- .62
1883 Tenn	7	3 M.	66-66-66	.90-1.00- .95
1883 Belgium	598	(a) (a)	(a)	.68- .68- .68
1883 Br. India	459	(a) (a)	(a)	.06-.07½- —
1883 England	43	(a) M.	(a)	.87-1.54- —
1883 England	43	(a) F.	(a)	.58- .58- .58
1883 England	43	(a) (a)	*f*56-57 —	.39-1.62- —
1883 England	45	(a) M.	*g*56-56-56	1.54-1.70- —
1883 England	45	(a) F.	56-56-56	.31- .31- .31
1883 England	572	(a) M.	57-57-57	.43-1.22- —
1883 England	572	(a) F.	56-57 —	.28- .43- —
1883 Gr't Brit	273	(a) M.	(a)	.41-2.43- —
1883 Gr't Brit	273	(a) F.	(a)	.37-1.06- —
1883 Ireland	43	(a) (a)	(a)	.29- .29- .29
1883 Ireland	572	(a) F.	56-56-56	.32- .32- .32
1883 Italy	635	(a) M.	(a)	.41- .63- —
1883 Scotland	572	(a) M.	56-56-56	.36- .45- —
1883 Scotland	572	(a) F.	56-56-56	.41- .41- .41
1884 Conn	190	2 M.	66-66-66	1.00-1.00-1.00
1884 Ga	7	14 M.	66-70-68	.70- .90- .82
1884 Ind	7	21 M.	(a)	.35- .90- .50
1884 Ky	7	32 M.	66-66-66	.50-2.25- .88
1884 La	7	2 M.	66-66-66	.90- .90- .90
1884 Mass	190	17 M.	60-60-60	.75-1.35-1.07
1884 Mass	190	8 F.	60-60-60	.75- .80- .77
1884 N. H	7	44 M.	*h*60-66-63	.50-1.63- .98
1884 N. H	7	7 F.	60-60-60	.35- .95- .83
1884 N. J	7	4 M.	60-60-60	.58- .67- .64
1884 N. J	323	150 M.	60-60-60	.58-1.50- .76
1884 N. J	323	148 F.	60-60-60	.46- .67- .56
1884 N. C	7	22 M.	69-72-69	.40- .75- .47
1884 N. C	7	7 F.	69-69-69	.40- .40- .40
1884 Ohio	7	19 F.	60-60-60	.50-1.33- .86
1884 R. I	190	3 M.	72-72-72	.60- .65- .62
1884 S. C	7	50 M.	*i*69-69-69	.75- .85- .85
1884 Aust-Hun	178	(a) (a)	66-66-66	.27- .42- —
1884 Belgium	598	(a) (a)	(a)	.68- .68- .68
1884 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1884 Canada	178	(a) M.	60-60-60	.40-1.75- —
1884 Canada	178	(a) F.	60-60-60	.33- .80- —
1884 Canada	178	(a) (a)	60-60-60	.50-2.75- —
1884 Canada	466	(a) M.	59-62 —	.51-1.55- —
1884 Canada	466	(a) F.	60-63 —	.44- .80- —
1884 England	178	(a) M.	*j*56-57 —	.41-1.70- —
1884 England	178	(a) F.	*k*57-57-57	.28- .41- —
1884 England	178	(a) (a)	(a)	.43- .43- .43
1884 France	178	(a) F.	72-72-72	.34- .45- —
1884 Germany	178	(a) M.	*l*72-72-72	.27-1.43- —
1884 Ireland	178	(a) M.	56-56-56	.57- .57- .57
1884 Ireland	178	(a) (a)	60-60-60	.16- .24- —
1884 Italy	178	(a) M.	*j*60-60-60	.29- .48- —
1884 Italy	178	(a) F.	(a)	.19- .19- .19
1884 Italy	635	(a) M.	(a)	.41- .63- —
1884 Japan	184	(a) (a)	(a)	.14- .14- .14
1884 Russia	178	(a) M.	63-63-63	.54- .67- —
1884 Spain	178	(a) M.	66-66-66	.67-2.50- —
1885 Ala	7	4 M.	66-66-66	.75- .90- .79
1885 Cal	1	9 M.	*n*60-60-60	1.75-1.75-1.75

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 36 persons not reported.
e Not including hours of 16 persons not reported.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 3 of the 4 wage quotations.
h Not including hours of 19 persons not reported.
i Not including hours of 48 persons not reported.
j Applies to but 8 of the 17 wage quotations.
k Applies to but 1 of the 4 wage quotations.
l Applies to but 3 of the 12 wage quotations.
n Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Conn	1	24 M.	66-69-67	0.57-1.25-0.97
1885 Conn	2	12 M.	66-66-66	1.00-1.00-1.00
1885 Conn	7	14 M.	60-60-60	.50-1.25- .86
1885 Del	1	53 M.	60-60-60	.72-3.00-1.00
1885 Ill	1	4 M.	63-63-63	.58- .58- .58
1885 Ill	1	5 F.	63-63-63	.58- .58- .58
1885 Ind	1	39 M.	60-66-66	.42-2.00- .71
1885 Iowa	1	7 M.	60-60-60	.75-1.25- .96
1885 Ky	1	4 M.	66-66-66	1.75-1.75-1.75
1885 Ky	1	29 F.	66-66-66	.66-1.10- .72
1885 Me	1	14 M.	66-66-66	.60- .85- .71
1885 Me	1	5 F.	66-66-66	.67- .75- .70
1885 Me	7	63 M.	60-66-65	.42-1.75-1.02
1885 Me	7	44 F.	60-66-65	.58-1.25- .97
1885 Md	1	36 M.	66-66-66	.70- .80- .71
1885 Md	1	32 F.	66-66-66	.70- .70- .70
1885 Mass	1	234 M.	60-60-60	.62-1.50- .96
1885 Mass	1	119 F.	60-60-60	.64- .88- .74
1885 Mass	7	19 M.	60-60-60	.63-1.20- .79
1885 Mass	7	7 F.	60-60-60	.70- .80- .76
1885 Mass	190	15 M.	60-60-60	.75-1.25-1.02
1885 Mass	190	8 F.	60-60-60	.75- .80- .76
1885 Minn	7	13 M.	(a)	.60-1.00- .80
1885 Mo	1	17 M.	60-60-60	1.25-1.25-1.25
1885 N. H	1	47 M.	65-65-65	.96- .96- .96
1885 N. H	1	212 F.	65-66-65	.80- .94- .89
1885 N. H	7	63 M.	b 60-66-65	.50-2.00- .92
1885 N. H	7	20 F.	66-66-66	.40- .85- .61
1885 N. J	1	41 M.	60-60-60	.45-1.13- .77
1885 N. J	1	5 F.	60-60-60	.83- .90- .84
1885 N. J	7	1 M.	60-60-60	1.33-1.33-1.33
1885 N. J	7	25 F.	55-55-55	.84- .84- .84
1885 N. J	324	152 M.	60-60-60	.50-1.17- .83
1885 N. J	324	90 F.	60-60-60	.42-1.17- .65
1885 N. Y	1	105 M.	60-66-63	.67-2.60-1.25
1885 N. Y	1	375 F.	60-69-69	.68- .87- .86
1885 N. Y	7	16 M.	c 60-65-62	.63-2.00-1.12
1885 N. Y	7	31 F.	(a)	1.00-1.00-1.00
1885 N. C	1	20 M.	69-69-69	.38- .80- .70
1885 N. C	7	60 M.	d 66-66-66	.25-1.00- .61
1885 N. C	7	6 F.	(a)	.65- .65- .65
1885 Pa	1	139 M.	60-60-60	.75-2.69- .95
1885 Pa	1	2 F.	60-60-60	.70- .70- .70
1885 Pa	7	12 M.	e 60-60-60	.63-2.88-1.23
1885 R. I	190	3 M.	72-72-72	.60- .65- .62
1885 S. C	1	42 M.	66-66-66	.85- .85- .85
1885 Tenn	7	19 M.	66-67-67	.50- .90- .67
1885 Vt	1	14 M.	66-66-66	1.00-1.00-1.00
1885 Vt	1	31 F.	66-66-66	.61- .61- .61
1885 Vt	7	23 M.	60-64-61	.59-1.80- .96
1885 Vt	7	30 F.	60-60-60	.50- .90- .62
1885 Va	1	10 M.	60-66-64	.70-2.00-1.14
1885 Belgium	1	(a) F.	75-75-75	.40- .40- .40
1885 Belgium	598	(a) (a)	(a)	.68- .68- .68
1885 Br. India	459	(a) (a)	(a)	.07- .07- .07
1885 Canada	467	(a) M.	58-63 —	.49-1.80- —
1885 Canada	467	(a) F.	60-60-60	.72- .73- —
1885 France	1	(a) M.	72-72-72	.53- .53- .53
1885 Germany	1	(a) M.	72-72-72	.57- .57- .57
1885 Gr't Brit	1	(a) M.	60-60-60	.54-1.60- —
1885 Italy	1	(a) M.	72-72-72	.35- .44- —
1885 Italy	635	(a) M.	(a)	.42- .63- —
1886 Conn	2	68 F.	60-60-60	.96-1.05-1.01
1886 Conn	201	7 M.	(a)	.90-1.25-1.05
1886 Conn	201	1 F.	(a)	.75- .75- .75
1886 Ind	7	19 M.	60-60-60	.25-1.75- .68
1886 Ind	7	10 F.	60-60-60	0.50-0.67-0.62
1886 Iowa	7	3 M.	60-60-60	.60- .60- .60
1886 Iowa	7	6 F.	60-60-60	.50- .67- .53
1886 Me	2	25 M.	66-66-66	1.25-1.25-1.25
1886 Mass	190	20 M.	60-60-60	.75-1.30-1.07
1886 Mass	190	8 F.	60-60-60	.75- .80- .76
1886 Mich	7	7 M.	e 60-60-60	.75-1.50-1.18
1886 Mo	3	3 F.	61-61-61	.42- .92- .64
1886 N. J	325	23 M.	60-60-60	.50- .83- .72
1886 N. Y	3	2 F.	60-60-60	.67- .83- .75
1886 Pa	2	7 (a)	60-60-60	1.00-1.00-1.00
1886 Pa	7	102 M.	f 57-60-60	.35-3.33-1.32
1886 Pa	7	3 F.	57-57-57	.67- .67- .67
1886 R. I	3	1 F.	61-61-61	.60- .60- .60
1886 R. I	7	14 M.	60-60-60	1.08-1.25-1.14
1886 R. I	190	3 M.	60-60-60	.60- .75- .65
1886 Vt	7	14 M.	66-66-66	.58-1.50-1.02
1886 Belgium	456	(a) (a)	g 72-72-72	.58- .68- —
1886 Belgium	598	(a) F.	(a)	.16- .39- —
1886 Belgium	598	(a) (a)	(a)	.31- .42- —
1886 Br. India	459	(a) (a)	(a)	.07- .07- .07
1886 Canada	468	(a) M.	60-61 —	.50-1.71- —
1886 Canada	468	(a) F.	60-60-60	.57- .57- .57
1886 England	67	(a) F.	56-56-56	.39- .41- —
1886 England	600	(a) M.	57-57-57	.47- .83- —
1886 England	600	(a) F.	57-57-57	.32- .45- —
1886 France	66	(a) (a)	(a)	.58- .58- .58
1886 Gr't Brit	601	(a) F.	57-57-57	.49- .49- .49
1886 Ireland	600	(a) F.	57-57-57	.27- .30- —
1886 Ireland	601	(a) F.	57-57-57	.25- .25- .25
1886 Italy	635	(a) M.	(a)	.42- .63- —
1886 Japan	184	(a) (a)	(a)	.17- .17- .17
1886 Scotland	600	(a) M.	57-57-57	.28- .78- —
1886 Scotland	600	(a) F.	57-57-57	.31- .32- —
1886 Scotland	601	(a) M.	56-56-56	.31- .31- .31
1886 Scotland	601	(a) F.	56-56-56	.31- .31- .31
1887 Cal	3	5 F.	63-69-67	.60-1.00- .80
1887 Conn	190	7 M.	60-60-60	.70-1.00- .80
1887 Conn	202	265 M.	(a)	.50-2.75-1.09
1887 Conn	202	100 F.	(a)	.45-1.23-1.14
1887 Ky	3	5 F.	61-62-61	.46- .75- .54
1887 Me	253	1 M.	60-60-60	1.17-1.17-1.17
1887 Mass	190	15 M.	60-60-60	.75-1.30-1.10
1887 Mass	190	10 F.	60-60-60	.75- .80- .76
1887 N. Y	7	3 M.	60-60-60	.67-1.25- .86
1887 R. I	190	2 M.	60-60-60	.60- .65- .63
1887 R. I	190	1 F.	60-60-60	.60- .60- .60
1887 Wis	409	14 (a)	(a)	.84- .96- .86
1887 Br. India	459	(a) (a)	(a)	.06½-.09½- —
1887 Canada	469	(a) M.	60-60-60	.82-2.04- —
1887 Germany	75	(a) M.	66-66-66	.32- .40- —
1887 Italy	636	(a) M.	(a)	.43- .55- —
1887 Japan	184	(a) (a)	(a)	.16- .27- —
1887 Switzerl'd	632	(a) (a)	(a)	.41- .41- .41
1888 Cal	194	12 M.	h 45-60- i	1.00-1.00-1.00
1888 Cal	194	17 F.	j 63-69-68	.60-1.00- .82
1888 Conn	6	12 M.	(a)	.75- .75- .75
1888 Conn	190	5 M.	60-60-60	.70-1.00- .76
1888 Del	6	9 M.	(a)	1.00-1.00-1.00
1888 Mass	190	14 M.	60-60-60	.75-1.30-1.09
1888 Mass	190	8 F.	60-60-60	.75- .85- .79
1888 N. H	6	10 M.	(a)	.67- .84- .72
1888 N. H	6	7 F.	(a)	.67- .67- .67
1888 N. J	326	6 M.	(a)	1.00-2.00-1.33
1888 N. J	326	3 F.	57-60-59	.54- .83- .73
1888 N. J	326	6 (a)	k 63-63-63	.50-2.00-1.05

a Not reported.
b Not including hours of 12 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 24 persons not reported.
e Not including hours of 6 persons not reported.
f Not including hours of 5 persons not reported.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 7 persons not reported.
i Employees at different hours not reported.
j Not including hours of 9 persons not reported.
k Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	6	13 M.	a60-60-60	0.46-1.00-0.53
1888 N. Y.	6	22 F.	b60-60-60	.46- .94- .50
1888 N. Y.	331	114 M.	c55-60-60	.60-3.50-1.18
1888 N. Y.	331	33 F.	(d)	.50- .70- .64
1888 R. I.	6	9 M.	e60-60-60	.67-1.00- .81
1888 R. I.	6	1 F.	(d)	.83- .83- .83
1888 R. I.	190	3 M.	60-60-60	.60- .65- .62
1888 R. I.	397	13 (d)	(d)	1.10-2.00-1.47
1888 S. C.	6	17 M.	66-66-66	.40-1.25- .70
1888 S. C.	6	5 (d)	66-66-66	.60- .75- .70
1888 Va.	6	19 M.	(d)	.65-1.00- .82
1888 Va.	6	1 F.	(d)	.65- .65- .65
1888 Brazil	83	(d) M.	(d)	1.73-1.73-1.73
1888 Br. India	459	(d) (d)	(d)	.06½-.06½-.06½
1888 Canada	470	(d) M.	60-60-60	.46-1.45- —
1888 Canada	470	(d) F.	60-60-60	.40- .60- —
1888 England	6	(d) F.	56-56-56	.39- .39- .39
1888 France	6	(d) M.	f72-72-72	.25- .70- —
1888 France	6	(d) F.	72-72-72	.26- .26- .26
1888 Germany	6	(d) M.	(d)	.37- .54- —
1888 Germany	6	(d) F.	(d)	.32- .35- —
1888 Germany	615	(d) M.	(d)	.18- .29- —
1888 Germany	615	(d) F.	(d)	.25- .41- —
1888 Italy	634	(d) M.	(d)	.46- .55- —
1888 Switzerl'd.	6	(d) (d)	(d)	.29- .39- —
1889 Cal.	6	22 M.	(d)	.75-1.10- .90
1889 Cal.	6	15 F.	(d)	.80-1.00- .96
1889 Conn.	6	27 M.	g60-60-60	.60-1.50- .91
1889 Conn.	190	4 M.	60-60-60	.70-1.00- .79
1889 Ga.	6	23 M.	66-70-67	.66- .85- .78
1889 Ga.	6	9 F.	66-66-66	.45- .66- .59
1889 Me.	6	37 M.	h60-60-60	.40-1.00- .77
1889 Me.	6	23 F.	h60-60-60	.75-1.00- .82
1889 Me.	6	7 (d)	60-60-60	.60-1.00- .81
1889 Md.	6	8 M.	(d)	.50- .78- .63
1889 Mass.	6	22 M.	60-60-60	.80-1.50-1.26
1889 Mass.	190	14 M.	60-60-60	.75-1.50-1.13
1889 Mass.	190	5 F.	60-60-60	.75- .80- .77
1889 Mo.	6	4 M.	(d)	.50- .75- .63
1889 N. H.	6	49 M.	60-60-60	.65-1.22- .93
1889 N. H.	6	7 F.	60-60-60	.30- .67- .51
1889 N. J.	6	5 M.	60-60-60	.67- .67- .67
1889 N. Y.	6	90 M.	i60-60-60	.47-1.60- .75
1889 N. Y.	6	44 F.	j60-60-60	.45- .70- .61
1889 N. C.	344	1 M.	72-72-72	1.25-1.25-1.25
1889 Pa.	6	22 M.	(d)	.42-2.84- .84
1889 R. I.	190	3 M.	60-60-60	.60- .65- .62
1889 Tenn.	6	12 M.	66-66-66	.40- .40- .40
1889 Va.	6	9 M.	(d)	.58-1.00- .89
1889 Br. India	459	(d) (d)	(d)	.06- .06½- —
1889 Canada	471	(d) M.	60-61 —	.85-2.25- —
1889 Canada	471	(d) F.	59-60 —	.53- .58- —
1889 England	6	(d) M.	57-57-57	.49-1.70- —
1889 England	6	(d) F.	57-57-57	.36- .43- —
1889 England	6	(d) (d)	(d)	.33- .37- —
1889 France	6	(d) F.	(d)	.34- .39- —
1889 Germany	6	(d) M.	k72-72-72	.48- .61- —
1889 Germany	615	(d) M.	(d)	.19- .65- —
1889 Germany	615	(d) F.	(d)	.30- .44- —
1889 Italy	634	(d) M.	(d)	.48- .55- —
1889 Portugal	691	(d) (d)	(d)	.07½-.86- —
1889 Scotland	6	(d) M.	57-57-57	.36- .36- .36
1889 Scotland	6	(d) F.	57-57-57	.36- .36- .36
1890 Ala.	6	3 M.	69-69-69	0.38-0.38-0.38
1890 Conn.	6	6 M.	(d)	.96- .96- .96
1890 Conn.	190	10 M.	60-66-62	.60-1.00- .81
1890 Ky.	6	4 M.	66-66-66	.35- .35- .35
1890 Me.	6	7 M.	l60-60-60	.75-1.25- .85
1890 Me.	6	10 F.	e60-60-60	.75- .85- .83
1890 Mass.	6	11 M.	(d)	.65-1.25- .80
1890 Mass.	190	19 M.	60-60-60	.75-1.50-1.09
1890 Mass.	190	7 F.	60-60-60	.75- .80- .76
1890 Mo.	6	23 M.	(d)	.50-1.40- .77
1890 N. H.	6	22 F.	60-60-60	.75- .92- .89
1890 N. J.	6	13 M.	n60-60-60	.50-1.55- .90
1890 N. Y.	6	14 M.	60-60-60	.50-1.00- .64
1890 N. Y.	333	1062 M.	(d)	.33-5.00-1.14
1890 N. Y.	333	85 F.	(d)	.75- .85- .84
1890 N. C.	345	2 M.	o71-71-71	.65-2.00-1.33
1890 Pa.	6	9 M.	60-60-60	.75-1.25- .88
1890 Pa.	6	2 F.	60-60-60	.83- .83- .83
1890 R. I.	6	1 M.	(d)	.95- .95- .95
1890 R. I.	6	8 F.	(d)	.85- .85- .85
1890 R. I.	190	3 M.	60-60-60	.60- .65- .62
1890 Br. India	459	(d) (d)	(d)	.07½-.09½- —
1890 England	6	(d) M.	p57-57-57	1.02-1.62- —
1890 England	6	(d) F.	57-57-57	.41- .43- —
1890 Germany	6	(d) M.	(d)	.29- .59- —
1890 Germany	615	(d) F.	66-66-66	.35- .39- —
1890 Ireland	99	(d) F.	57-57-57	.30- .30- .30
1890 Italy	634	(d) M.	(d)	.48- .53- —
1891 Conn.	190	9 M.	60-60-60	.75-1.00- .85
1891 Me.	257	1 M.	60-60-60	1.25-1.25-1.25
1891 Me.	257	1 F.	60-60-60	.80- .80- .80
1891 Mass.	190	19 M.	60-60-60	.75-1.30-1.09
1891 Mass.	190	8 F.	60-60-60	.75- .80- .76
1891 N. J.	6	11 M.	q60-60-60	.78-1.00- .80
1891 N. Y.	6	10 M.	60-60-60	.50-1.00- .64
1891 N. Y.	333	1125 M.	(d)	.33-5.00-1.14
1891 N. Y.	333	110 F.	(d)	.60- .85- .82
1891 R. I.	190	3 M.	60-60-60	.60- .65- .62
1891 Belgium	457	(d) M.	72-72-72	.64- .64- .64
1891 Belgium	457	(d) F.	72-72-72	.23- .37- —
1891 Br. India	459	(d) (d)	(d)	.06½-.08- —
1891 Italy	634	(d) M.	(d)	.33- .50- —
1891 Italy	634	(d) F.	(d)	.31- .31- .31
1891 Italy	638	(d) M.	66-72 —	.25- .48- —
1891 Italy	639	(d) M.	(d)	.19- .33- —
1891 Italy	639	(d) F.	(d)	.15- .22- —
1891 Switzerl'd.	595	(d) M.	(d)	.44- .44- .44
1892 Conn.	190	3 M.	60-60-60	.75-1.00- .88
1892 Ind.	227	2 M.	60-60-60	2.00-3.33-2.67
1892 Ind.	227	6 (d)	60-66-63	1.10-1.11-1.11
1892 Me.	258	18 M.	60-60-60	.78-1.31-1.01
1892 Me.	258	2 F.	60-60-60	.67- .75- .71
1892 Mass.	20	8 M.	60-60-60	1.05-1.05-1.05
1892 Mass.	190	14 M.	58-58-58	1.05-1.75-1.18
1892 Mass.	190	8 F.	58-58-58	.75- .80- .78
1892 N. Y.	20	5 M.	60-60-60	.67-1.50-1.04
1892 N. Y.	20	10 F.	60-60-60	.75- .90- .79
1892 Australia	424	(d) (d)	(d)	1.42-2.84- —
1892 Belgium	111	(d) M.	69-69-69	.43- .43- .43
1892 Belgium	111	(d) F.	69-69-69	.40- .40- .40
1892 Br. India	111	(d) M.	(d)	.17- .20- —
1892 Br. India	111	(d) F.	(d)	.17- .22- —
1892 Br. India	459	(d) (d)	(d)	.06- .06- .06

a Not including hours of 4 persons not reported.
b Not including hours of 19 persons not reported.
c Not including hours of 99 persons not reported.
d Not reported.
e Not including hours of 3 persons not reported.
f Applies to but 5 of the 8 wage quotations.
g Not including hours of 20 persons not reported.
h Not including hours of 11 persons not reported.
i Not including hours of 68 persons not reported.
j Not including hours of 23 persons not reported.
k Applies to but 1 of the 6 wage quotations.
l Not including hours of 6 persons not reported.
n Not including hours of 5 persons not reported.
o Not including hours of 1 person not reported.
p Applies to but 1 of the 2 wage quotations.
q Not including hours of 9 persons not reported.
r Average for 1888–91.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 England ..	111	(a) M.	57-57-57	1.03-1.20- —
1892 England ..	111	(a) F.	57-57-57	.43- .43- .43
1892 England ..	632	(a) M.	57-57-57	.81-1.22- —
1892 France....	111	(a) M.	72-72-72	.70- .70- .70
1892 France....	111	(a) F.	72-72-72	.35- .35- .35
1892 France....	505	(a) M.	b60-72 —	.24-1.06- —
1892 France....	505	(a) M.	(a)	c.19- .19- .19
1892 France....	505	(a) M.	72-72-72	d.29-1.06- —
1892 France....	505	(a) M.	66-66-66	e.29-1.16- —
1892 France....	505	(a) F.	f60-72 —	.09½-.63- —
1892 France....	505	(a) F.	72-72-72	d.29- .39- —
1892 France....	505	(a) F.	66-66-66	e.43- .48- —
1892 Germany .	667	(a) M.	(a)	.24- .42- —
1892 Germany .	667	(a) F.	(a)	.36- .36- .36
1892 Italy	640	(a) M.	(a)	.50- .53- —
1892 Italy	640	(a) F.	60-60-60	.12- .14- —
1892 Japan.....	184	(a) (a)	(a)	.17- .18- —
1892 Netherl'ds	111	(a) M.	64-64-64	.67- .67- .67
1892 Netherl'ds	111	(a) F.	64-64-64	.40- .40- .40
1892 Russia	111	(a) M.	(a)	.38- .38- .38
1892 Russia	111	(a) F.	(a)	.38- .38- .38
1892 Russia	692	(a) (a)	(a)	.13- .26- —
1892 Spain	111	(a) (a)	64-64-64	.60- .67- —
1892 Switzerl'd.	111	(a) M.	65-65-65	.40- .40- .40
1892 Switzerl'd.	111	(a) F.	65-65-65	.34- .34- .34
1893 Mass	20	8 M.	58-58-58	1.20-1.20-1.20
1893 N. Y.....	20	7 M.	60-60-60	.59-1.50- .92
1893 N. Y.....	20	12 F.	60-60-60	.67- .88- .80
1893 Ohio	374	11 M.	60-60-60	.50-2.17-1.13
1893 Ohio	374	3 F.	60-60-60	.58- .75- .64
1893 Br. India ..	459	(a) (a)	(a)	.05½-.06½- —
1893 France....	507	(a) M.	66-66-66	.46- .48- —
1893 France....	507	(a) F.	66-66-66	.42- .46- —
1893 France....	507	(a) (a)	63-66 —	.58- .72- —
1893 Ireland ...	632	(a) F.	(a)	.20- .34- —
1893 Italy	639	(a) M.	68-68-68	.41- .41- .41
1893 Italy	639	(a) F.	66-68 —	.11- .35- —
1893 Italy	640	(a) M.	(a)	.50- .53- —
1893 Scotland ..	632	(a) F.	(a)	.28- .52- —
1894 Ind	228	3 (a)	60-60-60	1.77-1.77-1.77
1894 Iowa	236	2 M.	60-60-60	.70-2.75-1.73
1894 Me	260	1 M.	60-60-60	1.15-1.15-1.15
1894 Mass	20	8 M.	58-58-58	1.02-1.02-1.02
1894 N. Y.....	8	5 M.	60-66-61	.67-1.50-1.09
1894 N. Y.....	8	1 F.	60-60-60	.50- .50- .50
1894 N. Y.....	20	5 M.	60-60-60	.59-1.55-1.07
1894 N. Y.....	20	13 F.	60-60-60	.75- .94- .83
1894 N. C.....	8	4 M.	60-69-65	.70- .75- .73
1894 Ohio	375	46 M.	60-60-60	.50-3.50- .97
1894 Ohio	375	6 F.	60-60-60	.52- .75- .56
1894 R. I	401	69 (a)	(a)	.60-3.00-1.43
1894 S. C	8	1 M.	66-66-66	.75- .75- .75
1894 Australia .	425	(a) (a)	(a)	1.70-2.03- —
1894 Br. India..	459	(a) (a)	(a)	.04- .04½- —
1894 England ..	590	(a) M.	(a)	.66- .89- —
1894 Italy	634	(a) F.	(a)	.29- .35- —
1894 Italy	640	(a) M.	(a)	.49- .58- —
1895 Ala	7	9 M.	60-66-63	.70- .90- .74
1895 Conn.....	7	12 M.	60-60-60	.67-1.18- .96
1895 Ga	7	12 M.	66-66-66	.75- .90- .85
1895 Ga	8	13 M.	66-66-66	.60- .90- .73
1895 La	7	3 M.	60-60-60	.90- .90- .90
1895 Me	7	153 M.	60-60-60	.20-2.50-1.03
1895 Me	7	57 F.	60-60-60	.55-1.85-1.03
1895 Mass	7	20 M.	58-58-58	.69-1.25- .87
1895 Mass	7	1 F.	58-58-58	.78- .78- .78
1895 Mass	20	8 M.	58-58-58	1.02-1.02-1.02
1895 Miss.....	7	7 M.	60-60-60	.70- .70- .70
1895 N. H	7	214 M.	60-60-60	0.53-2.25-1.07
1895 N. H	7	37 F.	60-60-60	.50-1.25- .89
1895 N. J	7	26 M.	55-60-57	.46-1.17- .68
1895 N. J	7	25 F.	53-53-53	.92- .92- .92
1895 N. Y.....	7	15 M.	60-60-60	1.00-1.75-1.16
1895 N. Y.....	7	25 F.	60-60-60	1.00-1.00-1.00
1895 N. Y.....	8	1 M.	60-60-60	.75- .75- .75
1895 N. Y.....	20	5 M.	60-60-60	.67-1.50-1.08
1895 N. Y.....	20	12 F.	60-60-60	.75- .91- .83
1895 N. C.....	7	131 M.	65-72-69	.40-1.00- .75
1895 N. C.....	7	9 F.	69-69-69	.60-1.00- .69
1895 N. C.....	8	42 M.	60-72-67	.30-1.00- .73
1895 Ohio	376	118 M.	60-60-60	.50-1.83-1.30
1895 Ohio	376	103 F.	g60-60-60	.55- .85- .77
1895 Pa	7	13 M.	60-60-60	.75-3.33-1.32
1895 S. C	7	308 M.	61-66-65	.40-1.33- .79
1895 S. C	8	1 M.	66-66-66	.75- .75- .75
1895 Tenn	7	51 M.	60-67-66	.40-1.25- .64
1895 Vt	7	15 M.	60-60-60	.53-1.90- .87
1895 Vt	7	6 F.	60-60-60	.55- .90- .74
1895 Va	7	8 M.	60-60-60	1.15-1.21-1.18
1895 Australia .	426	(a) (a)	(a)	1.70-2.03- —
1895 Br. India..	459	(a) (a)	(a)	.04- .04½- —
1895 Canada ...	187	(a) M.	60-60-60	.50-1.17- —
1895 Canada ...	187	(a) F.	60-60-60	.60- .75- —
1895 Canada ...	187	(a) (a)	60-60-60	.58-1.75- —
1895 Italy.....	640	(a) M.	(a)	.49- .58- —
1896 Ga	7	96 M.	63-66-66	.50-1.80- .85
1896 Ga	8	10 M.	66-66-66	.60- .75- .70
1896 Ind	7	33 M.	60-65-63	.33-1.35- .67
1896 Ind	7	10 F.	60-60-60	.50- .50- .50
1896 Iowa.....	7	4 M.	60-60-60	.70- .70- .70
1896 Iowa.....	7	4 F.	60-60-60	.60- .67- .65
1896 Ky.....	7	85 M.	60-63-61	.40-2.25- .83
1896 Mass	8	2 M.	60-60-60	1.25-1.25-1.25
1896 Mich.....	7	12 M.	54-60-60	.75-1.60-1.04
1896 Minn	7	20 M.	60-60-60	.65-1.50- .90
1896 Mo	305	16 M.	54-60-55	.98-1.00- .98
1896 Mo	305	20 F.	60-60-60	.75- .75- .75
1896 N. Y.....	7	3 M.	60-60-60	.67-1.21- .85
1896 N. C.....	7	26 M.	68-69-69	.30- .80- .61
1896 N. C.....	7	10 F.	69-69-69	.30- .35- .33
1896 N. C.....	8	3 M.	66-66-66	.75- .90- .80
1896 Ohio	7	21 M.	60-60-60	.87-1.44-1.04
1896 Ohio	7	36 F.	60-60-60	.33-1.33- .70
1896 Ohio	377	74 M.	45-60-52	.42-1.47-1.15
1896 Ohio	377	20 F.	42-60-51	.60- .75- .72
1896 Pa	7	159 M.	57-60-59	.30-3.33-1.02
1896 Pa	7	12 F.	57-60-58	.67-1.00- .78
1896 R. I	7	15 M.	60-60-60	.70-1.17-1.04
1896 S. C	7	16 M.	66-66-66	.50- .90- .78
1896 Tenn	7	3 M.	69-69-69	.75-1.00- .83
1896 Vt	7	26 M.	64-66-65	.67-1.50-1.09
1896 Australia .	427	(a) (a)	(a)	1.62-2.43- —
1896 Br. India..	459	(a) (a)	(a)	.04½-.05- —
1896 France	510	(a) F.	66-75 —	.48- .53- —
1896 Italy.....	640	(a) M.	(a)	.49- .58- —
1896 Mexico ...	184	(a) (a)	(a)	.09- .57- —
1896 Portugal ..	184	(a) M.	(a)	.37- .37- .37
1896 Portugal ..	184	(a) F.	(a)	.16- .16- .16
1897 Ga	8	4 M.	66-66-66	.60- .60- .60
1897 Pa	395	11 M.	(a)	.65-4.51-1.46
1897 Va	404	10 M.	60-66-61	.30-2.50- .97
1897 Va	404	3 F.	60-66-64	.35- .76- .49
1897 Australia .	428	(a) (a)	(a)	1.62-2.43- —
1897 France....	511	(a) M.	66-66-66	.53- .53- .53
1897 Italy	641	(a) M.	(a)	.58- .58- .58
1898 Australia .	429	(a) (a)	(a)	1.62-2.43- —

a Not reported.
b Applies to but 32 of the 33 wage quotations.
c And board.
d And board and heat.
e And *gratifications*.
f Applies to but 26 of the 27 wage quotations.
g Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARDERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1899 Ala	18	8 M.	70-70-70	0.55-0.65-0.65	1900 Ala	18	8 M.	70-70-70	0.65-0.65-0.65
1899 Ga	18	52 M.	66-66-66	.70- .90- .78	1900 Ga	18	54 M.	66-66-66	.75- .90- .83
1899 N. C	18	69 M.	63-69-66	.50-1.00- .76	1900 N. C	18	71 M.	63-69-66	.50-1.00- .76
1899 S. C	18	358 (a)	66-66-66	.40-1.35- .74	1900 S. C	18	358 (a)	66-66-66	.40-1.35- .74
1899 Belgium	455	(a) F.	b 69-69-69	.19- .39- —					

CARD FIXERS.

1868 Germany	610	(a) M.	72-72-72	.28- .55- —	1882 Germany	33	(a) (a)	69-69-69	.95- .95- .95
1871 England	629	(a) M.	60-60-60	.69- .81- —	1885 Me	1	2 M.	66-66-66	.80-1.09- .95
1871 Scotland	629	(a) M.	60-60-60	.69- .69- .69	1888 R. I	6	1 M.	(a)	3.00-3.00-3.00
1872 Germany	185	(a) (a)	(a)	.90- .90- .90					

CARD GRINDERS.

1839 England	562	(a) M.	69-69-69	.53- .53- .53	1867 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1840 Mass	190	5 M.	84-84-84	.80-1.00- .90	1868 Mass	190	18 M.	66-66-66	1.33-2.21-1.62
1841 Mass	190	9 M.	84-84-84	.75-1.00- .94	1868 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1842 Mass	190	10 M.	78-84-83	.75-1.00- .92	1868 France	53	(a) (a)	(a)	.68- .77- —
1843 Mass	190	9 M.	78-84-81	.76- .96- .90	1869 Mass	190	18 M.	66-66-66	1.16-2.67-1.66
1844 Mass	190	8 M.	78-84-83	.80- .88- .83	1869 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1845 Mass	190	14 M.	78-84-83	.75- .91- .82	1869 Russia	185	(a) M.	(a)	.24- .24- .24
1846 Mass	190	9 M.	78-84-83	.78-1.00- .84	1870 Mass	7	1 M.	66-66-66	1.17-1.17-1.17
1847 Mass	190	10 M.	78-84-82	.75-1.10- .88	1870 Mass	190	19 M.	66-66-66	1.16-2.50-1.65
1848 Mass	190	13 M.	78-84-82	.75-1.00- .84	1870 N. Y	190	1 M.	66-66-66	1.50-1.50-1.50
1849 Mass	190	17 M.	75-84-81	.65-1.20- .87	1870 England	45	(a) M.	(a)	.87- .87- .87
1849 England	562	(a) M.	60-60-60	.53- .53- .53	1870 France	33	(a) M.	72-72-72	.39- .71- —
1850 Mass	190	13 M.	75-84-81	.75-1.25- .90	1870 Norway	610	(a) M.	(a)	.54- .54- .54
1851 Mass	190	20 M.	72-84-78	.67-1.25- .89	1871 Mass	190	22 M.	66-66-66	1.16-2.00-1.59
1852 Mass	190	17 M.	72-78-73	.64-1.25- .92	1871 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1853 Mass	190	23 M.	72-78-74	.67-1.25- .91	1871 England	185	(a) M.	59-60 —	.65- .89- —
1853 N. Y	190	2 M.	72-72-72	.75- .75- .75	1871 England	629	(a) M.	59-59-59	.85- .85- .85
1854 Mass	190	21 M.	66-78-73	.75-1.25- .93	1871 Norway	185	(a) (a)	(a)	.53- .53- .53
1854 N. Y	190	2 M.	72-72-72	.75- .75- .75	1871 Scotland	185	(a) M.	60-60-60	.16-1.21- —
1855 Mass	190	31 M.	60-78-71	.64-1.33- .92	1872 Mass	190	19 M.	66-66-66	1.08-2.50-1.75
1855 N. Y	190	2 M.	72-72-72	.92- .92- .92	1872 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1856 Mass	190	29 M.	66-72-72	.79-1.25- .91	1872 S. C	7	3 M.	72-72-72	1.25-1.25-1.25
1856 N. Y	190	2 M.	72-72-72	.92- .92- .92	1872 England	185	(a) (a)	59-59-59	.89- .89- .89
1857 Mass	190	22 M.	66-72-71	.79-1.25- .95	1872 Germany	185	(a) M.	(a)	.54- .60- —
1857 N. Y	190	2 M.	72-72-72	.92- .92- .92	1872 Russia	612	(a) M.	69-69-69	.39- .41- —
(c) England	561	(a) M.	(a)	.53- .53- .53	1873 Mass	190	21 M.	66-66-66	1.08-1.75-1.62
1858 Mass	190	22 M.	66-78-72	.70-1.25- .94	1873 N. Y	190	1 M.	66-66-66	1.88-1.88-1.88
1858 N. Y	190	2 M.	72-72-72	.84- .84- .84	1873 England	621	(a) M.	(a)	.85- .85- .85
1859 Me	7	1 M.	(a)	.75- .75- .75	1874 Mass	190	22 M.	66-66-66	1.25-1.79-1.50
1859 Mass	190	19 M.	66-78-72	.75-1.25- .93	1874 N. Y	190	1 M.	66-66-66	1.69-1.69-1.69
1859 N. Y	190	2 M.	72-72-72	.84- .84- .84	1874 England	569	(a) M.	59-59-59	.89- .93- —
1859 England	562	(a) M.	60-60-60	.61- .61- .61	1875 Mass	190	19 M.	60-60-60	1.20-1.60-1.39
1859 England	563	(a) M.	60-60-60	.69- .69- .69	1875 Mass	270	15 M.	(a)	1.33-1.67-1.49
1860 Mass	190	23 M.	66-78-72	.75-1.25- .93	1875 N. Y	190	1 M.	66-66-66	1.69-1.69-1.69
1860 N. Y	190	2 M.	72-72-72	.84- .84- .84	1876 Mass	190	18 M.	60-60-60	1.15-1.60-1.38
1860 Russia	609	(a) M.	(a)	.21- .21- .21	1876 N. Y	190	1 M.	66-66-66	1.34-1.34-1.34
1861 Mass	190	20 M.	66-78-67	.63-1.25- .95	1876 Pa	381	17 M.	(a)	1.33-2.00-1.47
1861 N. Y	190	2 M.	72-72-72	1.00-1.00-1.00	1876 Pa	381	2 F.	(a)	.65-1.33- .99
1862 Mass	190	19 M.	66-72-68	.67-1.33- .98	1876 Pa	382	8 M.	(a)	1.17-1.50-1.33
1862 N. Y	190	2 M.	72-72-72	1.00-1.00-1.00	1876 S. C	7	4 M.	66-66-66	1.00-1.00-1.00
1863 Mass	190	9 M.	66-72-67	.83-1.33-1.10	1877 Ga	8	2 M.	66-66-66	1.60-1.60-1.60
1863 England	565	(a) (a)	(a)	.61- .61- .61	1877 Mass	190	19 M.	60-60-60	1.15-1.60-1.36
1864 Mass	190	15 M.	66-72-67	1.08-1.50-1.37	1877 N. Y	190	1 M.	66-66-66	1.34-1.34-1.34
1865 Mass	190	13 M.	66-72-66	1.30-1.58-1.47	1877 England	25	(a) (a)	53-53-53	.96- .96- .96
1865 N. Y	190	1 M.	72-72-72	1.75-1.75-1.75	1877 England	570	(a) M.	57-57-57	.85-1.05- —
1866 Mass	190	15 M.	66-72-67	1.38-1.75-1.61	1878 Mass	190	22 M.	60-60-60	1.02-1.50-1.32
1866 N. Y	190	1 M.	72-72-72	1.75-1.75-1.75	1878 N. H	7	1 M.	60-60-60	1.50-1.50-1.50
1866 Scotland	566	(a) M.	60-60-60	.79- .79- .79	1878 N. Y	190	1 M.	66-66-66	1.34-1.34-1.34
1867 Ga	7	2 M.	66-66-66	1.00-1.00-1.00	1878 N. C	7	1 M.	72-72-72	.75- .75- .75
1867 Mass	190	15 M.	66-72-67	1.38-2.00-1.64	1878 Pa	383	16 M.	d 60-66-62	1.25-1.62-1.44

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Average for 1855–57.
d Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD GRINDERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 England	25	(a) M.	(a)	0.90-0.90-0.90
1878 France	33	(a) (a)	(a)	.68- .91- —
1879 Mass	190	15 M.	60-60-60	1.18-1.40-1.35
1879 N. Y	190	1 M.	66-66-66	1.34-1.34-1.34
1879 Pa	384	30 M.	b 60-66-60	1.00-1.62-1.21
1879 England	25	(a) (a)	56-56-56	.72- .72- .72
1880 Ga	7	6 M.	c 66-69-67	1.00-1.50-1.38
1880 Me	271	4 M.	66-66-66	1.58-1.60-1.59
1880 Mass	190	15 M.	60-60-60	1.17-1.50-1.38
1880 N. H	271	2 (a)	66-66-66	1.50-1.50-1.50
1880 N. Y	190	1 M.	66-66-66	1.34-1.34-1.34
1880 Pa	7	2 M.	60-60-60	1.05-1.20-1.13
1880 R. I	271	1 (a)	66-66-66	1.33-1.33-1.33
1880 England	25	(a) (a)	56-56-56	.85- .85- .85
1880 England	571	(a) M.	(a)	.59- .87- —
1881 Ga	7	2 M.	66-66-66	1.00-1.00-1.00
1881 Mass	190	19 M.	60-60-60	1.17-1.50-1.37
1881 N. H	7	54 M.	65-65-65	.70-1.60-1.43
1881 N. J	320	2 M.	66-68-67	1.17-1.33-1.25
1881 N. Y	190	1 M.	66-66-66	1.38-1.38-1.38
1881 N. C	7	2 M.	(a)	.75- .75- .75
1881 R. I	7	3 M.	66-66-66	1.33-1.33-1.33
1881 England	27	(a) (a)	56-56-56	.85- .96- —
1882 Ga	7	2 M.	72-72-72	1.25-1.25-1.25
1882 Mass	190	16 M.	60-60-60	1.17-1.55-1.38
1882 N. H	7	26 M.	66-66-66	1.50-1.75-1.57
1882 N. J	321	4 M.	60-66-63	.83-1.00- .92
1882 N. Y	190	1 M.	66-66-66	1.42-1.42-1.42
1882 S. C	7	2 M.	69-69-69	1.50-1.50-1.50
1882 Belgium	36	(a) M.	70-70-70	.67- .67- .67
1882 Br. India	459	(a) (a)	(a)	.13- .13- .13
1882 Canada	33	(a) (a)	60-60-60	1.00-1.00-1.00
1882 England	33	(a) (a)	d 56-56-56	.85- .96- —
1882 France	33	(a) M.	72-72-72	.72- .72- .72
1882 France	34	(a) (a)	72-72-72	.62- .65- —
1882 Germany	33	(a) (a)	66-76 —	.33- .56- —
1882 Germany	40	(a) (a)	66-66-66	.68- .80- —
1882 Italy	33	(a) (a)	e 66-66-66	.25- .50- —
1882 Netherl'ds	33	(a) (a)	63-63-63	.53- .53- .53
1882 Russia	33	(a) M.	83-84 —	.33- .42- —
1882 Switzerl'd	32	(a) (a)	(a)	.57- .57- .57
1883 Ala	7	1 M.	(a)	1.00-1.00-1.00
1883 Ga	7	14 M.	f 66-66-66	1.15-1.50-1.39
1883 Mass	190	15 M.	60-60-60	1.19-1.55-1.43
1883 Mass	273	73 M.	(a)	1.29-1.80-1.44
1883 N. J	322	13 M.	c 60-60-60	.83-1.67-1.14
1883 N. Y	190	1 M.	66-66-66	1.42-1.42-1.42
1883 S. C	7	6 M.	70-70-70	1.25-1.25-1.25
1883 Tenn	7	5 M.	66-66-66	1.25-1.40-1.33
1883 Br. India	459	(a) (a)	(a)	.11- .13- —
1883 England	43	(a) (a)	57-57-57	.89- .89- .89
1883 England	45	(a) M.	(a)	.95- .95- .95
1883 England	572	(a) M.	57-57-57	.56- .93- —
1884 Ga	7	4 M.	66-66-66	1.00-1.50-1.25
1884 Ind	7	7 M.	(a)	1.25-1.75-1.39
1884 La	7	5 M.	63-66-65	1.50-1.67-1.53
1884 Mass	7	2 M.	60-60-60	1.60-1.60-1.60
1884 Mass	190	15 M.	60-60-60	1.19-1.55-1.42
1884 N. J	323	18 M.	60-60-60	.83-1.33-1.07
1884 N. Y	190	1 M.	66-66-66	1.42-1.42-1.42
1884 N. C	7	2 M.	69-69-69	.90-1.00- .95
1884 S. C	7	2 M.	69-69-69	1.08-1.08-1.08
1884 Va	7	1 M.	69-69-69	1.00-1.00-1.00
1884 Belgium	178	(a) M.	72-72-72	.62- .73- —
1884 Br. India	459	(a) (a)	(a)	.11- .13- —
1884 Canada	178	(a) (a)	60-60-60	1.00-1.25- —
1884 Canada	466	(a) M.	60-60-60	1.43-1.43-1.43
1884 England	178	(a) M.	57-57-57	.89- .89- .89
1884 Germany	178	(a) M.	g 66-66-66	.37- .80- —
1884 Italy	178	(a) M.	(a)	.57- .77- —
1884 Italy	178	(a) (a)	66-66-66	.48- .48- .48
1884 Russia	178	(a) M.	72-78 —	.24-.27½- —
1885 Ala	7	4 M.	h 63-66-65	1.00-1.25-1.06
1885 Conn	1	2 M.	66-66-66	1.25-1.25-1.25
1885 Ga	1	6 M.	69-69-69	1.05-1.05-1.05
1885 Me	1	28 M.	66-66-66	1.25-1.50-1.35
1885 Md	1	10 M.	66-66-66	1.50-1.54-1.52
1885 Mass	1	67 M.	60-60-60	.90-1.42-1.26
1885 Mass	7	1 M.	60-60-60	1.25-1.25-1.25
1885 Mass	190	17 M.	60-60-60	1.19-1.75-1.45
1885 Minn	7	4 M.	(a)	1.50-1.75-1.56
1885 N. H	1	13 M.	65-65-65	1.37-1.37-1.37
1885 N. J	324	11 M.	60-60-60	.96-1.42-1.10
1885 N. Y	1	37 M.	60-69-66	.92-1.67-1.22
1885 N. Y	190	1 M.	66-66-66	1.42-1.42-1.42
1885 N. C	1	10 M.	69-69-69	.75-1.50-1.02
1885 N. C	7	1 M.	(a)	.90- .90- .90
1885 Pa	1	3 M.	60-60-60	1.54-2.50-1.86
1885 Tenn	7	1 M.	66-66-66	1.00-1.00-1.00
1885 Vt	1	7 M.	66-66-66	1.00-1.50-1.14
1885 Va	1	7 M.	66-66-66	.90-1.75-1.07
1885 Br. India	459	(a) (a)	(a)	.12- .13- —
1885 Canada	467	(a) M.	62-62-62	1.48-1.48-1.48
1885 France	1	(a) M.	72-72-72	.86- .86- .86
1885 Germany	1	(a) M.	72-72-72	.82- .82- .82
1885 Gr't Brit	1	(a) M.	60-60-60	.88- .92- —
1885 Italy	1	(a) M.	72-72-72	.63- .63- .63
1886 Mass	190	21 M.	60-60-60	1.35-1.75-1.46
1886 N. H	7	21 M.	60-60-60	1.30-1.35-1.35
1886 N. J	325	14 M.	60-60-60	1.00-1.00-1.00
1886 N. Y	190	1 M.	66-66-66	1.42-1.42-1.42
1886 Pa	7	9 M.	i 60-64-61	1.25-1.67-1.48
1886 R. I	7	17 M.	60-60-60	1.17-1.92-1.63
1886 Aust-Hun	60	(a) (a)	(a)	.49- .49- .49
1886 Br. India	459	(a) (a)	(a)	.11- .12- —
1886 Canada	468	(a) M.	61-61-61	1.27-1.27-1.27
1886 England	66	(a) (a)	(a)	.77- .77- .77
1886 Germany	62	(a) M.	(a)	.56- .56- .56
1886 Germany	62	(a) F.	j 72-72-72	.36- .56- —
1887 Conn	202	19 M.	(a)	1.48-1.48-1.48
1887 Me	253	1 M.	60-60-60	1.50-1.50-1.50
1887 Mass	6	4 M.	(a)	1.38-1.38-1.38
1887 Mass	190	19 M.	60-60-60	1.35-1.75-1.45
1887 N. Y	7	1 M.	60-60-60	1.42-1.42-1.42
1887 N. Y	190	1 M.	60-60-60	1.42-1.42-1.42
1887 R. I	396	4 M.	60-60-60	1.33-1.66-1.42
1887 Wis	409	5 (a)	(a)	.96-1.50-1.39
1887 Br. India	459	(a) (a)	(a)	.11- .12- —
1888 Conn	6	2 M.	(a)	1.50-1.63-1.57
1888 Ga	6	34 M.	k 66-66-66	.95-1.30-1.27
1888 Mass	6	21 M.	f 60-60-60	1.38-1.50-1.43
1888 Mass	190	19 M.	60-60-60	1.45-1.75-1.49
1888 N. Y	6	54 M.	l 60-60-60	1.00-1.81-1.21
1888 N. Y	190	1 M.	60-60-60	1.42-1.42-1.42
1888 N. Y	331	5 M.	n 60-60-60	1.10-1.50-1.29
1888 N. C	6	2 M.	(a)	1.25-1.75-1.50
1888 R. I	6	10 M.	o 60-60-60	1.25-1.50-1.36
1888 S. C	6	18 M.	o 66-71-67	.75-1.25- .99
1888 Va	6	4 M.	h 60-60-60	1.00-1.50-1.18
1888 Br. India	459	(a) (a)	(a)	.10- .11- —

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 1 person not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 2 of the 3 wage quotations.
f Not including hours of 10 persons not reported.
g Applies to but 3 of the 6 wage quotations.
h Not including hours of 2 persons not reported.
i Not including hours of 3 persons not reported.
j Applies to but 1 of the 2 wage quotations.
k Not including hours of 25 persons not reported.
l Not including hours of 14 persons not reported.
n Not including hours of 4 persons not reported.
o Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD GRINDERS—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1888 Canada	470	(a) M.	60-60-60	1.26-1.26-1.26
1888 France	6	(a) M.	b72-72-72	.58- .90- —
1888 Germany	6	(a) M.	(a)	.40- .58- —
1888 Italy	6	(a) M.	(a)	.45- .48- —
1888 Switzerl'd.	6	(a) (a)	(a)	.47- .63- —
1889 Conn	6	6 M.	c 60-60-60	1.17-1.67-1.40
1889 Ga	6	12 M.	66-70-67	1.25-1.35-1.30
1889 Me	6	44 M.	d57-60-59	1.25-1.60-1.49
1889 Md	6	13 M.	(a)	.85-1.44-1.24
1889 Mass	6	157 M.	e 60-60-60	1.06-2.00-1.38
1889 Mass	190	19 M.	60-60-60	1.40-1.75-1.49
1889 Miss	6	4 M.	(a)	1.00-1.50-1.19
1889 N. H	6	72 M.	f60-60-60	1.37-1.67-1.51
1889 N. Y.	6	14 M.	60-60-60	1.00-1.50-1.21
1889 N. Y.	190	1 M.	60-60-60	1.50-1.50-1.50
1889 N. C	6	1 M.	69-69-69	1.50-1.50-1.50
1889 Pa	6	10 M.	(a)	1.25-1.53-1.45
1889 R. I	6	9 M.	(a)	1.40-1.42-1.41
1889 S. C	6	9 M.	66-69-68	.80-1.30-1.04
1889 Tenn	6	21 M.	g66-66-66	.60-1.40-1.20
1889 Va	6	8 M.	(a)	1.00-1.21-1.10
1889 Br. India	459	(a) (a)	(a)	.10- .11- —
1889 Canada	471	(a) M.	58-58-58	1.20-1.20-1.20
1889 England	6	(a) M.	57-57-57	.85- .85- .85
1889 Germany	6	(a) M.	h72-72-72	.56- .69- —
1890 Ala	6	12 M.	i 63-69-66	1.00-1.50-1.21
1890 Conn	6	9 M.	(a)	1.29-1.29-1.29
1890 Ky	6	3 M.	66-66-66	1.40-1.40-1.40
1890 La	6	8 M.	(a)	1.25-1.60-1.49
1890 Me	6	1 M.	60-60-60	1.33-1.33-1.33
1890 Mass	190	19 M.	60-60-60	1.45-1.75-1.52
1890 Miss	6	8 M.	j 66-66-66	1.00-1.50-1.34
1890 N. H	6	2 M.	60-60-60	1.25-1.25-1.25
1890 N. Y	6	1 M.	60-60-60	1.65-1.65-1.65
1890 N. Y	190	1 M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	12 M.	(a)	1.13-1.54-1.22
1890 N. C	6	21 M.	k 66-69-68	1.00-1.50-1.14
1890 N. C	345	1 (a)	72-72-72	1.00-1.00-1.00
1890 Pa	6	6 M.	60-60-60	.75-1.67-1.44
1890 R. I	6	3 M.	(a)	1.17-1.25-1.19
1890 Tenn	6	5 M.	(a)	1.00-1.25-1.20
1890 Br. India	459	(a) (a)	(a)	.12- .15- —
1890 England	6	(a) M.	56-56-56	.91- .91- .91
1891 Me	257	4 M.	60-60-60	1.33-1.50-1.42
1891 Mass	190	19 M.	60-60-60	1.45-2.00-1.63
1891 N. J	6	2 M.	(a)	1.45-1.45-1.45
1891 N. Y	6	1 M.	60-60-60	1.13-1.13-1.13
1891 N. Y	190	1 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	333	18 M.	(a)	1.13-1.50-1.27
1891 N. C	346	1 (a)	69-69-69	1.00-1.00-1.00
1891 Belgium	457	(a) M.	72-72-72	.59- .59- .59
1891 Br. India	459	(a) (a)	(a)	.11- .13- —
1892 Me	258	36 M.	60-60-60	1.25-1.75-1.54
1892 Mass	20	28 M.	58-60-60	1.00-1.75-1.40
1892 Mass	190	23 M.	58-58-58	1.16-1.70-1.43
1892 N. Y	190	1 M.	60-60-60	1.50-1.50-1.50
1892 Belgium	111	(a) M.	69-69-69	.42- .51- —
1892 Br. India	111	(a) M.	(a)	.11- .17- —
1892 England	111	(a) M.	57-57-57	.85- .85- .85
1892 France	111	(a) M.	72-72-72	.73- .80- —
1892 France	505	(a) M.	72-72-72	.87- .87- .87
1892 Netherl'ds	111	(a) M.	64-64-64	.73- .73- .73
1892 Russia	111	(a) M.	(a)	.53- .53- .53
1892 Spain	111	(a) M.	64-64-64	.60- .60- .60
1892 Switzerl'd	111	(a) M.	65-65-65	.44- .44- .44
1893 Mass	20	23 M.	58-58-58	1.35-1.61-1.47
1893 Br. India	459	(a) (a)	(a)	.08½-.11- —
1894 Me	260	6 M.	60-60-60	1.12-1.50-1.35
1894 Mass	20	22 M.	58-58-58	1.26-1.50-1.38
1894 N. C	8	3 M.	66-69-67	.80-1.13-1.02
1894 R. I	401	35 M.	(a)	1.00-2.50-1.39
1894 S. C	8	1 M.	66-66-66	1.25-1.25-1.25
1894 Br. India	459	(a) (a)	(a)	.07- .08½- —
1895 Ala	7	6 M.	60-66-63	1.00-1.35-1.06
1895 Conn	7	2 M.	60-60-60	1.13-1.13-1.13
1895 Ga	7	23 M.	66-66-66	.90-1.50-1.22
1895 Ga	8	25 M.	66-66-66	1.00-1.50-1.28
1895 La	7	8 M.	60-63-62	1.35-1.80-1.56
1895 Me	7	4 M.	60-60-60	1.50-1.50-1.50
1895 Mass	7	4 M.	58-58-58	1.40-1.45-1.43
1895 Mass	8	1 M.	60-60-60	1.75-1.75-1.75
1895 Mass	20	22 M.	58-58-58	1.26-1.50-1.38
1895 N. H	7	85 M.	60-60-60	.73-1.65-1.42
1895 N. Y	7	1 M.	60-60-60	1.25-1.25-1.25
1895 N. C	7	2 M.	69-69-69	.80- .80- .80
1895 N. C	8	12 M.	66-70-67	.65-1.25- .97
1895 S. C	7	49 M.	66-66-66	.85-1.25-1.12
1895 S. C	8	1 M.	66-66-66	1.25-1.25-1.25
1895 Tenn	7	14 M.	66-66-66	.95-1.40-1.22
1895 Va	7	1 M.	60-60-60	1.00-1.00-1.00
1895 Br. India	459	(a) (a)	(a)	.07- .08½- —
1895 Canada	187	(a) M.	60-60-60	1.25-1.25-1.25
1896 Ga	7	40 M.	63-66-66	1.00-1.50-1.28
1896 Ga	8	6 M.	66-66-66	.80-1.25-1.13
1896 Ind	7	10 M.	65-65-65	1.00-1.25-1.09
1896 Ky	7	1 M.	60-60-60	.67- .67- .67
1896 N. H	7	25 M.	60-60-60	.95-1.75-1.36
1896 N. Y	7	1 M.	60-60-60	1.50-1.50-1.50
1896 N. C	7	6 M.	69-69-69	.70-1.00- .86
1896 N. C	8	1 M.	66-66-66	1.00-1.00-1.00
1896 Pa	7	12 M.	60-60-60	1.13-1.58-1.44
1896 R. I	7	14 M.	60-60-60	1.37-1.67-1.50
1896 S. C	7	9 M.	66-66-66	1.05-1.50-1.31
1896 Br. India	459	(a) (a)	(a)	.07- .09- —
1897 Ga	8	4 M.	66-66-66	1.10-1.10-1.10
1899 Ga	18	20 M.	66-66-66	1.00-1.40-1.27
1899 N. C	18	8 M.	69-69-69	1.00-1.25-1.09
1900 Ga	18	19 M.	66-66-66	1.05-1.40-1.33
1900 N. C	18	8 M.	69-69-69	1.00-1.25-1.09

CARD LACERS, TEXTILES.

1883 Scotland	43	(a)	F.	56-56-56	.45- .45- .45	1886 Scotland	600	(a)	F.	57-57-57	.34- .34- .34
1885 N. Y	1	2	F.	60-60-60	.80- .80- .80	1890 N. Y	333	2	M.	(a)	.80- .80- .80
1886 England	600	(a)	M.	57-57-57	.27- .27- .27	1891 N. Y	333	2	M.	(a)	.80- .80- .80
1886 England	600	(a)	F.	57-57-57	.32- .32- .32	1893 Scotland	632	(a)	F.	(a)	.30- .53- —

a Not reported.
b Applies to but 5 of the 13 wage quotations.
c Not including hours of 4 persons not reported.
d Not including hours of 10 persons not reported.
e Not including hours of 33 persons not reported.
f Not including hours of 6 persons not reported.
g Not including hours of 2 persons not reported.
h Applies to but 4 of the 7 wage quotations.
i Not including hours of 3 persons not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 17 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD PUNCHERS, LACE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 England ..	601	(a) M.	(a)	0.92-0.92-0.92
1890 N. Y.....	333	2 M.	(a)	1.58-1.58-1.58
1891 N. Y.....	333	3 M.	(a)	1.58-1.58-1.58
1892 France	505	(a) M.	b 54-72 —	0.53-1.25- —
1896 France	505	(a) M.	60-60-60	.81-1.29- —
1898 France	512	(a) M.	63-63-63	.64-1.52- —

CARD PUSHERS, COTTON GOODS.

1882	Germany..	33	(a)	(a)	72-72-72	.44- .48- —

CARD STRIPPERS.

1839	England ..	562	(a)	M.	69-69-69	.45- .45- .45
1840	Mass	190	4	M.	84-84-84	.50- .75- .66
1841	Mass	190	7	M.	84-84-84	.50- .75- .65
1842	Mass	190	12	M.	78-84-81	.50- .88- .69
1843	Mass	190	15	M.	78-84-80	.60- .78- .63
1844	Mass	190	10	M.	78-84-80	.48- .78- .63
1845	Mass	190	8	M.	78-84-79	.46- .61- .59
1846	Mass	190	10	M.	78-84-80	.64- .80- .70
1847	Mass	190	14	M.	78-84-81	.64- .80- .72
1848	Mass	190	13	M.	78-84-81	.64- .80- .71
1849	Mass	190	11	M.	75-84-80	.64- .80- .72
1849	England ..	562	(a)	M.	60-60-60	.49- .49- .49
1850	Mass	190	16	M.	75-84-80	.64- .83- .74
1851	Mass	190	15	M.	75-84-81	.50- .83- .75
1851	Mass	190	19	F.	72-72-72	.50- .58- .55
1852	Mass	190	18	M.	72-78-74	.64- .83- .74
1852	Mass	190	14	F.	72-72-72	.58- .58- .58
1853	Mass	190	15	M.	72-78-77	.60- .83- .68
1853	Mass	190	19	F.	72-72-72	.67- .71- .70
1853	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1854	Mass	190	13	M.	66-78-74	.50- .83- .71
1854	Mass	190	19	F.	72-72-72	.67- .71- .70
1854	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1855	Mass	190	13	M.	66-78-73	.60- .83- .73
1855	Mass	190	20	F.	72-72-72	.71- .71- .71
1855	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1856	Mass	190	13	M.	66-78-71	.60- .83- .79
1856	Mass	190	7	F.	72-72-72	.71- .71- .71
1856	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1857	Mass	190	14	M.	66-72-70	.80- .83- .81
1857	Mass	190	7	F.	72-72-72	.71- .71- .71
1857	N. Y.....	190	4	M.	72-72-72	.71- .71- .71
1858	Mass	190	17	M.	66-78-72	.60- .83- .75
1858	Mass	190	7	F.	72-72-72	.67- .67- .67
1858	N. Y.....	190	4	M.	72-72-72	.53- .53- .53
1859	Me.....	7	1	M.	(a)	.50- .50- .50
1859	Mass	190	26	M.	66-78-73	.60- .83- .74
1859	Mass	190	6	F.	72-72-72	.71- .71- .71
1859	N. Y.....	190	4	M.	72-72-72	.62- .62- .62
1859	England ..	562	(a)	M.	60-60-60	.57- .57- .57
1859	England ..	563	(a)	M.	60-60-60	.53- .53- .53
1860	Mass	190	24	M.	66-78-73	.60- .83- .72
1860	Mass	190	6	F.	72-72-72	.71- .71- .71
1860	N. Y.....	190	4	M.	72-72-72	.61- .61- .61
1860	Russia	609	(a)	M.	(a)	.21- .21- .21
1861	Mass	190	18	M.	66-78-68	.67- .83- .76
1861	Mass	190	6	F.	66-66-66	.68- .68- .68
1861	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1862	Mass	190	23	M.	66-72-67	.67- .83- .76
1862	Mass	190	6	F.	66-66-66	.80- .80- .80
1862	N. Y.....	190	4	M.	72-72-72	.67- .67- .67
1863	Mass	190	7	M.	66-72-67	.60- .83- .77
1863	Mass	190	6	F.	66-66-66	1.00-1.00-1.00
1864	Mass	190	22	M.	66-72-67	.75-1.50-1.12
1864	Mass	190	5	F.	66-66-66	1.15-1.15-1.15
1865	Mass	190	15	M.	66-72-67	1.12-1.50-1.28
1865	Mass	190	5	F.	66-66-66	1.35-1.35-1.35
1865	N. Y.....	190	4	M.	72-72-72	1.00-1.00-1.00
1866	Mass	190	17	M.	66-72-67	1.12-1.50-1.34
1866	Mass	190	5	F.	66-66-66	1.35-1.35-1.35
1866	N. Y.....	190	3	M.	72-72-72	1.06-1.06-1.06
1866	Scotland ..	566	(a)	F.	60-60-60	.47- .47- .47
1867	Ga	7	3	M.	66-66-66	.75- .75- .75
1867	Mass	190	19	M.	66-72-68	1.12-1.50-1.35
1867	Mass	190	5	F.	66-66-66	1.35-1.35-1.35
1867	N. Y.....	190	3	M.	72-72-72	1.13-1.13-1.13
1868	Mass	190	24	M.	66-66-66	1.00-1.50-1.31
1868	Mass	190	6	F.	66-66-66	1.25-1.33-1.29
1868	N. Y.....	190	5	M.	66-66-66	1.25-1.25-1.25
1869	Mass	190	24	M.	66-66-66	1.00-1.50-1.31
1869	Mass	190	7	F.	66-66-66	1.25-1.33-1.28
1869	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1869	Russia	185	(a)	M.	(a)	.23- .23- .23
1870	Mass	7	1	M.	66-66-66	.83- .83- .83
1870	Mass	190	29	M.	66-66-66	.83-1.58-1.29
1870	Mass	190	12	F.	66-66-66	1.12-1.17-1.17
1870	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1870	Norway ...	610	(a)	M.	(a)	.54- .54- .54
1871	Mass	190	34	M.	66-66-66	.83-1.50-1.34
1871	Mass	190	10	F.	66-66-66	1.33-1.38-1.36
1871	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1871	England ..	185	(a)	M.	59-60 —	.65- .89- —
1871	England ..	629	(a)	(a)	59-59-59	.75- .75- .75
1871	Norway...	185	(a)	(a)	(a)	.53- .53- .53
1871	Scotland ..	185	(a)	M.	60-60-60	.16-1.21- —
1872	Mass	190	28	M.	66-66-66	.83-1.54-1.35
1872	Mass	190	12	F.	66-66-66	1.33-1.38-1.33
1872	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1872	S. C	7	2	M.	72-72-72	.90- .90- .90
1872	England ..	185	(a)	(a)	59-59-59	.89- .89- .89
1872	Russia	612	(a)	M.	69-69-69	.39- .39- .39
1873	Mass	190	25	M.	60-66-66	.83-1.50-1.31
1873	Mass	190	12	F.	66-66-66	1.33-1.33-1.33
1873	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1873	England ..	185	(a)	M.	60-60-60	.76- .76- .76
1873	England ..	621	(a)	M.	(a)	.85- .85- .85
1874	Mass	190	23	M.	66-66-66	.85-1.50-1.26
1874	Mass	190	12	F.	66-66-66	1.12-1.25-1.22
1874	N. Y.....	190	4	M.	66-66-66	1.25-1.25-1.25
1874	Pa	7	1	M.	60-60-60	1.00-1.00-1.00
1874	Pa	380	9	M.	(a)	.58-1.20- .72
1874	England ..	569	(a)	M.	59-59-59	.89- .93- —
1875	Mass	190	22	M.	60-60-60	.87-1.40-1.20
1875	Mass	190	12	F.	60-60-60	.90-1.00- .95
1875	Mass	270	6	M.	(a)	.99-1.13-1.06
1875	Mass	270	1	F.	(a)	1.00-1.00-1.00
1875	N. Y.....	190	3	M.	66-66-66	1.09-1.09-1.09
1876	Mass	190	22	M.	60-60-60	.80-1.40-1.19

a Not reported.

b Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD STRIPPERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Mass	190	13 F.	60-60-60	0.86-0.95-0.88
1876 N. Y	190	2 M.	66-66-66	1.17-1.17-1.17
1876 Pa	381	33 M.	(a)	.50-1.50- .96
1876 Pa	382	12 M.	(a)	1.00-1.50-1.23
1876 S. C	7	5 M.	66-66-66	.75- .75- .75
1877 Me	7	5 M.	66-66-66	.75-1.00- .90
1877 Mass	190	22 M.	60-60-60	.70-1.40-1.14
1877 Mass	190	3 F.	60-60-60	.60- .80- .73
1877 N. Y	190	2 M.	66-66-66	1.19-1.19-1.19
1877 England	25	(a) (a)	53-53-53	.68- .68- .68
1877 England	570	(a) M.	57-57-57	.85- .85- .85
1878 Mass	190	23 M.	60-60-60	.70-1.35-1.08
1878 Mass	190	4 F.	60-60-60	.56- .85- .78
1878 N. H	7	2 M.	60-60-60	1.00-1.00-1.00
1878 N. Y	190	2 M.	66-66-66	1.19-1.19-1.19
1878 Pa	383	36 M.	b60-66-64	.83-1.50-1.14
1878 England	25	(a) M.	(a)	.65- .65- .65
1879 Mass	190	18 M.	60-60-60	.80-1.35- .99
1879 Mass	190	1 F.	60-60-60	.85- .85- .85
1879 N. Y	190	2 M.	66-66-66	1.19-1.19-1.19
1879 Pa	384	20 M.	c60-66-65	.75-1.25- .81
1880 Ga	7	9 M.	d66-69-68	.75-1.00- .95
1880 Mass	190	18 M.	60-60-60	.80-1.25- .97
1880 Mass	190	1 F.	60-60-60	.95- .95- .95
1880 N. Y	190	2 M.	66-66-66	1.19-1.19-1.19
1880 R. I	271	1 (a)	66-66-66	1.00-1.00-1.00
1880 England	571	(a) M.	(a)	.59- .91- —
1881 Ga	7	3 M.	66-66-66	.80- .80- .80
1881 Mass	190	18 M.	60-60-60	.80-1.25-1.00
1881 Mass	190	1 F.	60-60-60	.95- .95- .95
1881 N. H	7	49 M.	65-65-65	.80-1.10-1.09
1881 N. J	320	1 M.	68-68-68	1.17-1.17-1.17
1881 N. Y	190	2 M.	66-66-66	1.29-1.29-1.29
1881 N. C	7	2 M.	(a)	.75- .75- .75
1881 R. I	7	5 M.	66-66-66	1.13-1.25-1.20
1881 England	27	(a) (a)	56-56-56	.88- .96- —
1882 Conn	7	2 M.	66-66-66	1.25-1.33-1.29
1882 Ga	7	2 M.	72-72-72	.90- .90- .90
1882 Mass	190	19 M.	60-60-60	.75-1.25- .98
1882 Mass	190	1 F.	60-60-60	.95- .95- .95
1882 N. H	7	27 M.	66-66-66	.90-1.40-1.18
1882 N. H	7	1 F.	66-66-66	1.15-1.15-1.15
1882 N. J	321	14 M.	60-66-65	.83-1.00- .95
1882 N. Y	190	2 M.	66-66-66	1.29-1.29-1.29
1882 N. C	7	1 M.	(a)	.83- .83- .83
1882 S. C	7	2 M.	69-69-69	1.00-1.00-1.00
1882 Br. India	459	(a) (a)	(a)	.11- .11- .11
1882 England	33	(a) (a)	56-56-56	.88- .96- —
1882 France	33	(a) M.	72-72-72	.72- .72- .72
1883 Ga	7	18 M.	e66-66-66	.70-1.10- .94
1883 Mass	190	12 M.	60-60-60	.75-1.20-1.03
1883 Mass	190	9 F.	60-60-60	.95- .95- .95
1883 Mass	273	126 M.	(a)	1.00-1.50-1.06
1883 Mass	273	5 (a)	(a)	.75- .85- .79
1883 N. J	322	66 M.	f60-60-60	.63-1.33- .81
1883 N. Y	190	2 M.	66-66-66	1.13-1.13-1.13
1883 S. C	7	10 M.	70-70-70	.85- .85- .85
1883 Tenn	7	9 M.	66-66-66	.70- .80- .73
1883 Br. India	459	(a) (a)	(a)	.11- .11- .11
1883 England	572	(a) M.	57-57-57	.56- .93- —
1884 Ga	7	9 M.	66-70-68	.90-1.00- .93
1884 Ind	7	16 M.	(a)	.35-1.20- .94
1884 La	7	5 M.	63-63-63	.90- .90- .90
1884 Mass	7	4 M.	60-60-60	1.00-1.05-1.04
1884 Mass	190	12 M.	60-60-60	.80-1.15-1.00
1884 Mass	190	9 F.	60-60-60	.95- .95- .95
1884 N. J	323	22 M.	60-60-60	0.75-1.33-1.06
1884 N. Y	190	2 M.	66-66-66	1.13-1.13-1.13
1884 N. C	7	1 M.	69-69-69	.67- .67- .67
1884 S. C	7	2 M.	69-69-69	.75- .75- .75
1884 Tenn	7	2 M.	66-66-66	1.00-1.10-1.05
1884 Va	7	1 M.	69-69-69	.56- .56- .56
1884 Br. India	459	(a) (a)	(a)	.11- .11- .11
1884 Canada	466	(a) M.	60-60-60	1.08-1.08-1.08
1884 Germany	178	(a) M.	(a)	.42- .44- —
1884 Russia	178	(a) M.	72-78 —	.13- .17- —
1885 Conn	1	4 M.	66-66-66	.90- .90- .90
1885 Del	1	1 M.	60-60-60	1.33-1.33-1.33
1885 Ga	1	6 M.	69-69-69	.50- .85- .62
1885 Me	1	49 M.	66-66-66	.80-1.25- .84
1885 Mass	1	58 M.	60-60-60	.75-1.17- .92
1885 Mass	1	6 F.	60-60-60	.75- .95- .85
1885 Mass	7	5 M.	60-60-60	.92-1.25-1.13
1885 Mass	190	12 M.	60-60-60	.95-1.20-1.03
1885 Mass	190	9 F.	60-60-60	.95- .95- .95
1885 N. H	1	18 M.	65-66-65	.96-1.25-1.07
1885 N. J	7	1 M.	60-60-60	1.00-1.00-1.00
1885 N. J	324	14 M.	60-60-60	.58-1.00- .85
1885 N. Y	1	38 M.	60-69-66	.69-1.54-1.08
1885 N. Y	190	2 M.	66-66-66	1.00-1.00-1.00
1885 N. C	7	2 M.	(a)	.90- .90- .90
1885 Pa	1	10 M.	60-60-60	1.60-1.60-1.60
1885 Pa	7	4 M.	f60-60-60	1.25-1.33-1.29
1885 Vt	1	6 M.	66-66-66	1.00-1.00-1.00
1885 Vt	7	1 M.	64-64-64	1.11-1.11-1.11
1885 Br. India	459	(a) (a)	(a)	.11- .11- .11
1885 Canada	467	(a) M.	62-62-62	.80- .92- —
1885 France	1	(a) M.	72-72-72	.60- .60- .60
1886 Mass	190	15 M.	60-60-60	1.00-1.10-1.02
1886 Mass	190	9 F.	60-60-60	1.05-1.62-1.11
1886 N. H	7	40 M.	60-60-60	.80- .92- .86
1886 N. J	325	14 M.	60-60-60	1.00-1.00-1.00
1886 N. Y	190	2 M.	66-66-66	1.00-1.00-1.00
1886 Pa	7	76 M.	f60-64-60	.88-2.00-1.28
1886 Br. India	459	(a) (a)	(a)	.09½-.10- —
1886 Canada	468	(a) M.	60-61 —	.39- .88- —
1886 England	66	(a) (a)	(a)	.77- .77- .77
1887 Conn	202	29 M.	(a)	1.00-1.14-1.13
1887 Mass	6	6 M.	(a)	.68-1.05- .98
1887 Mass	190	12 M.	60-60-60	1.00-1.15-1.05
1887 Mass	190	9 F.	60-60-60	.95-1.62-1.55
1887 N. Y	190	2 M.	60-60-60	1.00-1.00-1.00
1887 Wis	409	8 (a)	(a)	.90- .96- .91
1887 Br. India	459	(a) (a)	(a)	.09½- .10- —
1888 Del	6	6 M.	(a)	1.25-1.50-1.33
1888 Ga	6	145 M.	g66-66-66	.75-1.00- .87
1888 Ga	6	4 F.	(a)	.75-1.00- .89
1888 Mass	6	37 M.	h60-60-60	1.05-1.25-1.12
1888 Mass	190	13 M.	60-60-60	.80-1.15-1.03
1888 Mass	190	9 F.	60-60-60	.95-1.62-1.55
1888 N. J	6	1 M.	(a)	1.17-1.17-1.17
1888 N. J	326	1 (a)	63-63-63	1.63-1.63-1.63
1888 N. Y	6	51 M.	i60-60-60	.70-1.25- .99
1888 N. Y	190	1 M.	60-60-60	1.21-1.21-1.21
1888 N. Y	331	8 M.	(a)	1.00-1.13-1.08
1888 R. I	6	25 M.	j60-60-60	1.00-1.25-1.14
1888 S. C	6	22 M.	i66-71-69	.60- .85- .71
1888 Va	6	2 M.	60-60-60	.80- .80- .80
1888 Br. India	459	(a) (a)	(a)	.09- .10- —
1888 Canada	470	(a) M.	57-57-57	.91- .91- .91
1888 France	6	(a) M.	k72-72-72	.45- .70- —
1888 Italy	6	(a) M.	(a)	.33- .39- —

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 12 persons not reported.
d Not including hours of 5 persons not reported.
e Not including hours of 14 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 24 persons not reported.
i Not including hours of 15 persons not reported.
j Not including hours of 19 persons not reported.
k Applies to but 5 of the 12 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARD STRIPPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888 Switzerl'd.	6	(a)	(a)	(a)	0.31-0.55- —
1889 Cal	6	1	M.	(a)	1.25-1.25-1.25
1889 Conn	6	31	M.	b 60-60-60	.84-1.10- .97
1889 Ga	6	19	M.	66-70-67	.81- .85- .82
1889 Me	6	83	M.	c 57-60-59	.84-1.50-1.03
1889 Md	6	8	M.	(a)	1.00-1.16-1.05
1889 Mass	6	371	M.	d 60-60-60	.75-1.15-1.04
1889 Mass	6	4	F.	60-60-60	.80- .80- .80
1889 Mass	190	13	M.	60-60-60	.80-1.15-1.03
1889 Mass	190	9	F.	60-60-60	.95-1.62-1.55
1889 Miss	6	12	M.	(a)	.75- .90- .89
1889 N. H	6	106	M.	e 60-60-60	1.00-1.25-1.12
1889 N. J	6	3	M.	60-60-60	1.33-1.42-1.39
1889 N. Y	6	16	M.	f 60-60-60	.88-1.25- .90
1889 N. Y	190	1	M.	60-60-60	1.21-1.21-1.21
1889 N. C	6	4	M.	69-69-69	.75- .75- .75
1889 Pa	6	25	M.	(a)	.87-1.25-1.14
1889 R. I	6	14	M.	(a)	1.00-1.10-1.06
1889 S. C	6	19	M.	66-69-68	.50- .90- .68
1889 Tenn	6	39	M.	66-66-66	.50- .80- .70
1889 Va	6	5	M.	(a)	.90- .90- .90
1889 Br. India	459	(a)	(a)	(a)	.08½-.08½-.08½
1889 Canada	471	(a)	M.	61-61-61	1.00-1.00-1.00
1889 England	6	(a)	M.	57-57-57	.81- .85- —
1889 France	6	(a)	M.	(a)	.65-1.10- —
1889 Germany	6	(a)	M.	72-72-72	.48- .61- —
1889 Scotland	6	(a)	M.	57-57-57	.69- .69- .69
1890 Ala	6	51	M.	g 63-69-66	.58-1.00- .72
1890 Conn	6	13	M.	(a)	.92- .92- .92
1890 Ky	6	5	M.	66-66-66	1.00-1.10-1.06
1890 La	6	18	M.	(a)	.90- .90- .90
1890 Me	6	5	M.	h 60-60-60	1.00-1.25-1.15
1890 Mass	190	14	M.	60-60-60	1.00-1.15-1.04
1890 Mass	190	9	F.	60-60-60	.95-1.62-1.55
1890 Miss	6	24	M.	i 66-66-66	.50-1.00- .77
1890 N. H	6	6	M.	60-60-60	1.25-1.25-1.25
1890 N. J	6	7	M.	j 60-60-60	1.00-1.50-1.29
1890 N. Y	6	4	M.	60-60-60	1.00-1.25-1.19
1890 N. Y	190	1	M.	60-60-60	1.21-1.21-1.21
1890 N. Y	333	2	M.	(a)	.83- .83- .83
1890 N. C	6	40	M.	k 66-69-68	.50-1.00- .74
1890 Pa	6	11	M.	60-60-60	.83-1.33-1.23
1890 R. I	6	5	M.	(a)	1.00-1.00-1.00
1890 Tenn	6	6	M.	l 69-69-69	.80-1.00- .97
1890 Br. India	459	(a)	(a)	(a)	.11-0.11-0.11
1891 Me	257	1	M.	60-60-60	1.00-1.00-1.00
1891 Mass	190	13	M.	60-60-60	1.00-1.15-1.04
1891 Mass	190	5	F.	60-60-60	.95-1.40-1.31
1891 N. Y	6	2	M.	60-60-60	1.13-1.13-1.13
1891 N. Y	190	1	M.	60-60-60	1.21-1.21-1.21
1891 N. Y	333	3	M.	(a)	.92- .92- .92
1891 Br. India	459	(a)	(a)	(a)	.09½-.09½-.09½
1892 Me	258	51	M.	60-60-60	.92-1.25-1.00
1892 Mass	20	32	M.	58-60-60	1.00-1.15-1.03
1892 Mass	190	26	M.	58-58-58	.97-1.15-1.02
1892 France	505	(a)	M.	72-72-72	.48- .82- —
1893 Mass	20	23	M.	58-58-58	1.00-1.21-1.06
1893 Br. India	459	(a)	(a)	(a)	.07⅛-.07½-.07⅛
1894 Me	260	5	M.	60-60-60	.90-1.05- .93
1894 Mass	20	23	M.	58-58-58	.94-1.09- .98
1894 N. C	8	1	M.	66-66-66	.67- .67- .67
1894 R. I	401	11	(a)	(a)	.83-1.33-1.05
1894 Br. India	459	(a)	(a)	(a)	.06- .06- .06
1895 Ga	7	28	M.	66-66-66	.75-1.00- .89
1895 Ga	8	21	M.	66-66-66	.90- .90- .90
1895 La	7	14	M.	63-63-63	.90- .90- .90
1895 Me	7	6	M.	60-60-60	.90-1.25-1.08
1895 Mass	7	7	M.	58-58-58	1.00-1.35-1.19
1895 Mass	20	23	M.	58-58-58	.94-1.09- .98
1895 N. H	7	107	M.	60-60-60	.73-1.50-1.01
1895 N. H	7	1	F.	60-60-60	1.10-1.10-1.10
1895 N. J	7	1	M.	60-60-60	.92- .92- .92
1895 N. C	7	2	M.	69-69-69	.80- .80- .80
1895 N. C	8	1	M.	66-66-66	.50- .50- .50
1895 Pa	7	3	M.	60-60-60	1.29-1.30-1.29
1895 S. C	7	33	M.	66-66-66	.75- .85- .83
1895 Tenn	7	21	M.	66-66-66	.60- .85- .74
1895 Va	7	1	M.	60-60-60	.55- .55- .55
1895 Br. India	459	(a)	(a)	(a)	.06- .06- .06
1896 Ga	7	51	M.	63-66-65	.80-1.10- .91
1896 Iowa	7	1	M.	60-60-60	1.50-1.50-1.50
1896 N. H	7	33	M.	60-60-60	.70-1.05- .89
1896 N. C	7	12	M.	69-69-69	.65- .90- .74
1896 Pa	7	75	M.	60-60-60	.83-2.42-1.35
1896 R. I	7	3	M.	60-60-60	1.30-1.50-1.37
1896 S. C	7	10	M.	66-66-66	.50-1.00- .88
1896 Vt	7	2	M.	64-64-64	1.25-1.50-1.38
1896 Br. India	459	(a)	(a)	(a)	.06½-.06½-.06½

CARD WINDERS, COTTON GOODS.

1839 England	188	(a)	M.	69-69-69	.24- .24- .24
1849 England	188	(a)	M.	60-60-60	.26- .26- .26
1859 England	188	(a)	M.	60-60-60	.28- .28- .28
1884 Switzerl'd.	178	(a)	(a)	65-65-65	.45- .71- —

CARD WRITERS, CARPETINGS.

1885 N. Y	1	8	M.	60-66-62	.83-1.75-1.09
1890 N. Y	333	2	M.	(a)	1.00-1.00-1.00
1891 N. Y	333	2	M.	(a)	1.00-1.00-1.00

a Not reported.
b Not including hours of 24 persons not reported.
c Not including hours of 29 persons not reported.
d Not including hours of 73 persons not reported.
e Not including hours of 7 persons not reported.
f Not including hours of 1 person not reported.
g Not including hours of 34 persons not reported.
h Not including hours of 2 persons not reported.
i Not including hours of 20 persons not reported.
j Not including hours of 3 persons not reported.
k Not including hours of 31 persons not reported.
l Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR FILLERS, ILLUMINATING GAS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.....	331	26 M.	60-66-60	1.50-2.00-1.63	1895 Ohio	20	3 M.	60-72-68	1.50-2.30-2.03
1894 Ohio	20	2 M.	72-72-72	1.50-2.30-1.90					

CAR-HOUSE MEN, STREET RAILWAY.

1882 Ohio	364	13 M.	72-72-72	1.20-1.75-1.54	1887 Kans.....	241	5 M.	84-84-84	1.31-1.50-1.42
1884 Iowa.....	231	2 M.	60-102-81	1.46-1.75-1.61	1887 Mo.....	297	16 M.	60-72-65	.77-1.73-1.58
1884 Mo.....	295	13 M.	*a*72-80-75	1.53-2.50-2.01	1888 Kans.....	242	7 M.	(*c*)	1.25-1.35-1.29
1884 Pa	388	122 M.	60-90-61	1.29-2.00-1.90	1888 Ohio	370	36 M.	*d*60-84-70	1.43-1.75-1.61
1885 Mo.....	296	16 M.	*a*72-72-72	1.70-2.36-1.92	1889 Kans.....	243	4 M.	70-84-74	1.00-1.25-1.19
1885 Pa	389	109 M.	60-78-63	1.00-3.00-1.80	1890 Netherl'ds	666	(*c*) M.	84-105 –	.37- .52- —
1886 Kans.....	240	2 M.	(*b*)	1.33-1.33-1.33	1899 Mich.....	291	14 (*c*)	(*c*)	1.37-1.37-1.37

CAR INSPECTORS.

1874 Pa	380	9 M.	(*c*)	2.00-2.00-2.00	1887 Ohio	369	148 M.	67-70-70	1.25-1.75-1.52
1876 Pa	381	13 M.	*e*68-70-68	1.25-2.08-1.92	1887 Oregon....	4	2 M.	(*c*)	2.30-2.30-2.30
1877 Pa	382	35 M.	*f*70-84-74	1.00-2.05-1.54	1887 Pa	4	273 M.	*n*70-70-70	.33-2.30-1.46
1878 Pa	383	18 M.	*g*70-84-78	1.06-1.90-1.61	1887 Pa	4	191 M.	(*c*)	*i*.11-.23½-.16½
1878 England ..	43	(*c*) (*c*)	(*c*)	.87-1.04- —	1887 R. I	4	1 -	(*c*)	1.75-1.75-1.75
1879 Pa	384	40 M.	70-70-70	1.27-1.27-1.27	1887 Va	4	20 M.	(*c*)	1.00-1.71-1.32
1880 N. J	319	3 (*c*)	60-104-79	1.60-1.80-1.67	1887 Wis	4	9 M.	(*c*)	1.60-2.00-1.71
1880 Pa	385	2 M.	70-84-77	1.44-1.50-1.47	1887 Canada ...	469	(*c*) M.	79-79-79	1.40-1.62- —
1881 Pa	386	2 M.	84-84-84	1.44-1.50-1.47	1888 Colo	198	42 M.	(*c*)	1.70-3.33-2.22
1882 Pa	387	1 M.	84-84-84	1.44-1.44-1.44	1889 Kans.....	243	2 M.	70-70-70	1.40-1.75-1.58
1884 Mich.....	278	3 M.	(*c*)	1.32-1.55-1.45	1889 Pa	5	5 M.	(*c*)	1.50-1.60-1.54
1884 Pa	388	1123 M.	(*c*)	1.46-1.46-1.46	1889 Canada ...	471	(*c*) M.	71-74 —	1.32-1.49- —
1884 Australia .	178	(*c*) (*c*)	(*c*)	1.94-2.55- —	1890 Nebr.....	313	1 M.	(*c*)	2.00-2.00-2.00
1884 Aust-Hun .	178	(*c*) M.	(*c*)	*h* .55- .93- —	1891 Me.....	257	1 M.	70-70-70	1.50-1.50-1.50
1884 Canada ...	178	(*c*) (*c*)	(*c*)	*i* .15- .18- —	1891 Mo.....	300	18 M.	(*c*)	1.84-4.00-2.45
1884 Canada ...	466	(*c*) M.	60-60-60	1.25-1.25-1.25	1891 Nicaragua	106	(*c*) (*c*)	(*c*)	1.54-1.54-1.54
1884 C. of G'd H.	178	(*c*) (*c*)	(*c*)	2.29-2.43- —	1893 Ill	10	4 M.	60-84-69	1.71-2.50-2.02
1884 Ceylon	178	(*c*) (*c*)	(*c*)	.40-1.40- —	1893 Md.....	10	3 M.	60-70-67	1.79-2.14-2.02
1884 England ..	178	(*c*) M.	*j*84-84-84	.35-1.04- —	1893 Mich.....	285	53 M.	70-105-75	1.15-2.47-1.66
1884 Germany .	178	(*c*) M.	(*c*)	.71- .88- —	1893 Mo.....	302	2 M.	70-70-70	1.75-1.75-1.75
1884 Russia	178	(*c*) M.	(*c*)	*k* .47- .60- —	1893 Mont	307	9 M.	*o*63-70-65	1.70-3.00-2.35
1885 Kans.....	239	5 M.	63-70-69	2.02-2.25-2.18	1893 Ohio	374	54 M.	70-77-70	1.46-1.76-1.53
1885 Mich.....	279	72 M.	(*c*)	1.25-2.63-1.69	1893 Pa	10	1 M.	60-60-60	1.64-1.64-1.64
1885 Pa	389	1481 M.	(*c*)	1.41-1.41-1.41	1893 R. I	400	3 M.	(*c*)	1.80-2.25-1.95
1886 Kans.....	240	1 M.	77-77-77	2.25-2.25-2-25	1894 Iowa.....	236	1 M.	67-67-67	2.10-2.10-2.10
1886 Canada ...	468	(*c*) M.	60-60-60	1.16-1.27- —	1894 N. Zealand	669	(*c*) M.	(*c*)	1.70-1.70-1.70
1887 Conn.....	4	81 M.	(*c*)	1.32-2.60-1.80	1895 Mont.....	309	6 M.	(*c*)	2.58-2.58-2.58
1887 Del	4	3 M.	(*c*)	1.30-2.25-1.62	1895 Wis	413	1 (*c*)	70-70-70	1.75-1.75-1.75
1887 Del	4	3 M.	(*c*)	*i* .12-.17½-.15½	1895 N. Zealand	670	(*c*) M.	(*c*)	1.70-1.70-1.70
1887 Fla	4	22 M.	(*c*)	.82-2.50-1.45	1896 Mont.....	310	6 M.	(*c*)	2.70-2.70-2.70
1887 Md.....	4	251 M.	(*c*)	1.04-2.00-1.42	1896 N. Zealand	671	(*c*) M.	(*c*)	1.70-1.70-1.70
1887 Mass	4	301 M.	(*c*)	1.25-2.75-1.69	1897 Mont.....	311	16 (*c*)	(*c*)	2.47-2.56-2.50
1887 Mich.....	4	22 M.	*l*70-70-70	.55-2.50-1.72	1897 N. Zealand	672	(*c*) M.	(*c*)	1.70-1.70-1.70
1887 Mich.....	4	24 M.	(*c*)	*i* .13¼-.17- .16	1898 Me.....	261	8 M.	70-70-70	1.70-1.70-1.70
1887 Mo.....	4	124 M.	(*c*)	1.50-3.29-2.07	1898 Nebr.....	314	4 (*c*)	70-70-70	2.00-2.75-2.40
1887 N. Y.....	4	225 M.	(*c*)	1.00-2.75-1.48	1899 Pa	18	1 M.	(*c*)	1.80-1.80-1.80

CAR MARKERS, RAILROAD.

1884 Switzerl'd.	178	(*c*) M.	(*c*)	.63- .71- —	1887 Mo.....	4	2 M.	(*c*)	1.32-2.30-1.81
1887 Md.....	4	2 M.	(*c*)	1.15-1.25-1.20	1887 N. Y.....	4	2 M.	(*c*)	1.64-1.64-1.64
1887 Mass	4	2 M.	(*c*)	1.00-1.73-1.37	1887 Pa	4	6 M.	(*c*)	1.32-1.32-1.32
1887 Mich.....	4	7 M.	70-70-70	.99-1.48-1.41					

a Not including hours of 5 persons not reported.
b 105-105-105 hours.
c Not reported.
d Not including hours of 19 persons not reported.
e Not including hours of 10 persons not reported.
f Not including hours of 18 persons not reported.
g Not including hours of 3 persons not reported.
h And rent.
i Per hour.
j Applies to but 3 of the 4 wage quotations.
k And lodging.
l Not including hours of 7 persons not reported.
n Not including hours of 269 persons not reported.
o Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR MEN.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1871	England	629	(a)	M.	(a)	0.81-1.22- —
1877	England	570	(a)	M.	(a)	.99- .99- .99
1879	Pa	384	12	(a)	57-57-57	1.40-1.40-1.40
1884	Spain	178	(a)	M.	65-65-65	.80-1.00- —
1886	France	66	(a)	M.	(a)	b .68- .68- .68
1888	N. Y.	331	6	M.	59-59-59	2.00-2.50-2.42
1889	Ind	6	1	M.	60-60-60	.75- .75- .75
1890	N. Y.	333	23	M.	(a)	1.73-2.00-1.82
1891	N. Y.	333	31	M.	(a)	1.33-3.33-1.94
1893	Mont.	307	1	M.	54-54-54	3.00-3.00-3.00
1893	Ohio	374	8	M.	60-60-60	1.75-1.75-1.75
1894	N. Y.	8	8	M.	60-60-60	1.25-1.25-1.25
1894	Ohio	375	8	M.	60-60-60	1.75-1.75-1.75
1895	Ohio	376	10	M.	(a)	1.75-1.75-1.75
1896	Ohio	377	9	M.	(a)	1.75-1.75-1.75

CARPENTERS AND JOINERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1725	England	185	(a)	(a)	(a)	.24- .28- —
1725	England	185	(a)	(a)	(a)	c .12- .12- .12
1760	England	185	(a)	(a)	(a)	.61- .61- .61
1810	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1810	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1811	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1811	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1812	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1812	England	624	(a)	M.	(a)	.65- .65- .65
1812	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1813	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1813	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1814	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1814	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1815	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1815	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1816	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1816	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1817	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1817	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1818	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1818	Scotland	572	(a)	(a)	60-60-60	.73- .73- .73
1818	Scotland	624	(a)	M.	(a)	.57- .57- .57
1819	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1819	Scotland	572	(a)	(a)	60-60-60	.57- .57- .57
1819	Scotland	624	(a)	M.	(a)	.57- .57- .57
1820	England	624	(a)	M.	(a)	.81- .81- .81
1820	Scotland	624	(a)	M.	(a)	.57- .57- .57
1821	England	572	(a)	(a)	(a)	1.01-1.01-1.01
1821	Ireland	572	(a)	(a)	(a)	.81- .81- .81
1821	Scotland	624	(a)	M.	(a)	.57- .57- .57
1822	England	572	(a)	(a)	(a)	1.05-1.05-1.05
1822	Ireland	572	(a)	(a)	(a)	.81- .81- .81
1822	Scotland	624	(a)	M.	(a)	.57- .57- .57
1823	England	572	(a)	(a)	(a)	.89- .89- .89
1823	Ireland	572	(a)	(a)	(a)	.77- .77- .77
1823	Scotland	624	(a)	M.	(a)	.57- .57- .57
1824	England	572	(a)	(a)	(a)	.89- .89- .89
1824	Ireland	572	(a)	(a)	(a)	.77- .77- .77
1824	Scotland	624	(a)	M.	(a)	.57- .57- .57
1825	England	572	(a)	(a)	(a)	.97- .97- .97
1825	Ireland	572	(a)	(a)	(a)	.77- .77- .77
1825	Scotland	624	(a)	M.	(a)	.69- .69- .69
1826	Ireland	572	(a)	(a)	(a)	.73- .73- .73
1826	Scotland	624	(a)	M.	(a)	.61- .61- .61
1827	Ireland	572	(a)	(a)	(a)	.73- .73- .73
1827	Scotland	624	(a)	M.	(a)	.49- .49- .49
1828	Ireland	572	(a)	(a)	(a)	.69- .69- .69
1828	Scotland	624	(a)	M.	(a)	.49- .49- .49
1829	Ireland	572	(a)	(a)	(a)	.69- .69- .69
1829	Scotland	624	(a)	M.	(a)	.49- .49- .49
1830	England	624	(a)	M.	(a)	.73- .73- .73
1830	Ireland	572	(a)	(a)	(a)	.69- .69- .69
1830	Scotland	624	(a)	M.	(a)	.49- .49- .49
1831	Ireland	572	(a)	(a)	(a)	.65- .65- .65
1831	Scotland	572	(a)	(a)	60-60-60	.57- .57- .57
1831	Scotland	624	(a)	M.	(a)	.49- .49- .49
1832	England	572	(a)	(a)	(a)	.97- .97- .97
1832	Ireland	572	(a)	(a)	(a)	.65- .65- .65
1832	Scotland	624	(a)	M.	(a)	.49- .49- .49
1833	Ireland	572	(a)	(a)	(a)	.65- .65- .65
1833	Scotland	624	(a)	M.	(a)	.49- .49- .49
1834	England	572	(a)	(a)	(a)	.73- .85- —
1834	Ireland	572	(a)	(a)	(a)	.65- .65- .65
1836	Belgium	610	(a)	M.	(a)	.38- .38- .38
1837	Wales	625	(a)	M.	(a)	.71- .71- .71
1838	Wales	625	(a)	M.	(a)	.76- .76- .76
1839	England	562	(a)	M.	55-60 —	1.05-1.05-1.05
1839	England	563	(a)	M.	60-60-60	.89- .89- .89
1839	Germany	609	(a)	(a)	(a)	.24- .26- —
1839	Wales	625	(a)	M.	(a)	.85- .85- .85
1840	Conn.	190	3	M.	60-60-60	1.25-1.62-1.46
1840	Mass	190	80	M.	60-84-65	1.17-1.67-1.25
1840	N. Y.	190	6	M.	60-60-60	1.13-1.50-1.29
1840	Pa	190	5	M.	e 60-60-60	1.00-1.25-1.20
1840	England	564	(a)	(a)	58-58-58	.81- .89- —
1840	Scotland	563	(a)	(a)	60-60-60	.65- .65- .65
1840	Wales	625	(a)	M.	(a)	.77- .77- .77
1841	Conn.	190	3	M.	60-60-60	1.25-1.62-1.46
1841	Mass	190	32	M.	60-84-65	1.17-1.67-1.28
1841	N. Y.	190	2	M.	60-60-60	1.25-1.75-1.50
1841	Pa	190	6	M.	60-60-60	1.25-1.25-1.25
1841	N. Zealand	667	(a)	(a)	(a)	.65- .81- —
1841	Wales	625	(a)	M.	(a)	.69- .69- .69
1842	Conn.	190	3	M.	60-60-60	1.37-1.50-1.43
1842	Mass	190	14	M.	60-84-71	.88-1.67-1.28
1842	N. Y.	190	2	M.	60-60-60	1.25-1.75-1.50
1842	Pa	190	8	M.	e 60-60-60	1.25-1.25-1.25
1843	Conn.	190	3	M.	60-60-60	1.37-1.62-1.50
1843	Mass	190	66	M.	60-84-63	.91-1.75-1.29
1843	N. Y.	190	15	M.	60-60-60	1.00-1.50-1.33
1843	Pa	190	7	M.	e 60-60-60	1.25-1.25-1.25
1843	England	572	(a)	(a)	72-72-72	.61- .81- —
1844	Conn.	190	3	M.	60-60-60	1.37-1.62-1.50
1844	Mass	190	27	M.	60-84-68	.91-1.50-1.27
1844	N. Y.	190	11	M.	60-60-60	1.25-1.75-1.50
1844	Pa	190	6	M.	e 60-60-60	1.25-1.25-1.25
1844	England	572	(a)	(a)	f 72-72-72	.61- .85- —
1844	France	523	(a)	M.	60-60-60	.63- .77- —
1845	Conn.	190	4	M.	60-60-60	1.25-1.62-1.44
1845	Mass	190	52	M.	60-84-69	1.00-1.58-1.22
1845	N. Y.	8	1	M.	72-72-72	1.35-1.35-1.35
1845	N. Y.	190	14	M.	60-60-60	1.00-1.75-1.56
1845	Pa	190	8	M.	60-60-60	1.25-1.25-1.25
1845	England	572	(a)	(a)	72-72-72	.85- .85- .85
1846	Conn.	190	3	M.	60-60-60	1.37-1.62-1.50
1846	Mass	190	101	M.	60-84-65	1.00-1.67-1.29
1846	N. Y.	190	13	M.	60-60-60	1.00-2.00-1.76
1846	Pa	190	9	M.	60-60-60	1.25-1.25-1.25
1846	Belgium	610	(a)	M.	(a)	.39- .39- .39

a Not reported.
b And lodging.
c And board.
d Average for 1830–39.
e Not including hours of 1 person not reported.
f Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1847 Conn	190	3 M.	60-60-60	1.37-1.62-1.50
1847 Mass	190	75 M.	60-84-69	.60-1.50-1.28
1847 N. Y	190	24 M.	60-60-60	1.00-2.00-1.72
1847 Pa	190	9 M.	a60-60-60	1.25-1.50-1.47
1847 England	572	(b) (b)	(b)	.73- .97- —
1848 Conn	190	4 M.	60-60-60	1.25-1.62-1.44
1848 Mass	190	106 M.	60-84-65	.60-1.63-1.32
1848 N. J	190	1 M.	(b)	c1.25-1.25-1.25
1848 N. Y	190	27 M.	60-60-60	1.00-2.50-1.71
1848 Pa	190	13 M.	a60-60-60	1.25-1.50-1.48
1848 England	572	(b) (b)	72-72-72	.85- .85- .85
1849 Conn	190	4 M.	60-60-60	1.25-1.62-1.44
1849 Mass	190	22 M.	75-84-80	.75-1.58-1.31
1849 N. Y	8	4 M.	72-72-72	1.35-1.50-1.46
1849 N. Y	190	19 M.	60-60-60	1.38-2.00-1.80
1849 Pa	190	10 M.	a60-60-60	1.25-1.50-1.43
1849 England	562	(b) M.	55-58 —	1.14-1.14-1.14
1849 England	563	(b) M.	59-59-59	.93- .93- .93
1849 England	572	(b) (b)	72-72-72	.81- .81- .81
(d) Germany	609	(b) (b)	(b)	.28- .30- —
1850 Conn	190	3 M.	60-60-60	1.37-1.75-1.58
1850 Mass	190	79 M.	60-84-66	.60-2.00-1.33
1850 N. Y	190	27 M.	60-60-60	1.00-2.00-1.71
1850 Pa	190	13 M.	a60-60-60	1.25-1.50-1.44
1850 England	178	(b) M.	(b)	.97- .97- .97
1850 England	564	(b) (b)	58-58-58	.81- .89- —
1850 Germany	76	(b) M.	(b)	.38- .38- .38
1850 Scotland	563	(b) (b)	60-60-60	.77- .77- .77
1851 Conn	190	5 M.	60-60-60	1.37-1.75-1.60
1851 Mass	190	87 M.	60-84-68	.75-2.00-1.30
1851 N. Y	190	28 M.	60-60-60	1.00-2.00-1.74
1851 Pa	190	16 M.	e60-60-60	1.25-1.50-1.44
1852 Conn	190	6 M.	60-60-60	1.37-1.75-1.60
1852 Mass	190	120 M.	60-78-63	.75-1.50-1.30
1852 N. Y	190	34 M.	60-60-60	1.00-2.00-1.80
1852 Pa	190	14 M.	a60-60-60	1.25-1.50-1.45
1853 Conn	190	5 M.	60-60-60	1.50-1.75-1.67
1853 Mass	190	98 M.	60-78-67	1.00-1.73-1.30
1853 N. Y	190	64 M.	60-60-60	1.00-2.00-1.88
1853 Pa	190	13 M.	a60-60-60	1.25-1.50-1.48
1853 Corsica	505	(b) M.	(b)	.58- .58- .58
1853 France	113	(b) M.	(b)	.39- .97- —
1853 France	505	(b) M.	(b)	.24- .82- —
1854 Conn	190	4 M.	60-60-60	1.75-2.00-1.88
1854 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1854 Mass	190	100 M.	60-78-64	1.00-1.83-1.38
1854 N. Y	190	81 M.	60-60-60	1.00-2.25-1.89
1854 Pa	190	17 M.	a60-60-60	1.50-1.50-1.50
1854 Belgium	185	(b) M.	(b)	.26- .26- .26
1854 France	611	(b) M.	(b)	.44- .45- —
1855 Conn	190	3 M.	60-60-60	1.25-1.75-1.50
1855 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1855 Mass	8	2 M.	72-72-72	1.50-1.50-1.50
1855 Mass	190	174 M.	60-72-62	1.00-2.50-1.42
1855 N. J	8	3 M.	60-72-68	1.50-1.50-1.50
1855 N. Y	8	1 M.	60-60-60	1.75-1.75-1.75
1855 N. Y	190	82 M.	60-72-60	1.25-2.25-1.85
1855 Pa	190	17 M.	60-60-60	1.50-1.50-1.50
1855 Belgium	456	(b) (b)	(b)	.34- .34- .34
1855 England	561	(b) (b)	(b)	1.10-1.22- —
1855 France	611	(b) M.	(b)	.46- .46- .46
1855 Ireland	561	(b) (b)	(b)	.73- .73- .73
1856 Conn	190	6 M.	60-60-60	1.37-1.50-1.46
1856 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1856 Mass	190	74 M.	60-72-64	1.08-1.75-1.40
1856 Mass	268	1 M.	(b)	1.75-1.75-1.75
1856 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1856 N. Y	190	79 M.	60-72-60	1.13-2.25-1.76
1856 Ohio	190	4 M.	60-60-60	1.50-1.50-1.50
1856 Pa	190	20 M.	60-60-60	1.50-1.50-1.50
1856 Belgium	610	(b) M.	(b)	.43- .43- .43
1856 England	562	(b) M.	(b)	1.10-1.18- —
1856 Ireland	561	(b) (b)	(b)	.73- .73- .73
1856 Scotland	562	(b) M.	(b)	1.01-1.01-1.01
1857 Conn	190	4 M.	60-60-60	1.50-2.00-1.69
1857 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1857 Mass	190	110 M.	60-72-62	1.00-2.50-1.37
1857 N. Y	8	5 M.	60-72-65	1.50-2.00-1.70
1857 N. Y	190	96 M.	60-72-60	1.25-2.25-1.79
1857 Ohio	190	4 M.	60-60-60	1.50-1.50-1.50
1857 Pa	190	21 M.	60-60-60	1.50-1.50-1.50
1857 England	561	(b) (b)	(b)	1.10-1.34- —
1857 Ireland	561	(b) (b)	(b)	.79-1.46- —
1857 Scotland	562	(b) M.	(b)	1.01-1.01-1.01
1858 Conn	190	6 M.	60-72-62	1.25-2.00-1.50
1858 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1858 Mass	190	97 M.	60-78-64	1.00-2.75-1.34
1858 N. Y	8	6 M.	60-60-60	1.50-1.50-1.50
1858 N. Y	190	89 M.	60-72-60	1.25-2.50-1.87
1858 Ohio	190	4 M.	60-60-60	1.50-1.50-1.50
1858 Pa	190	23 M.	60-60-60	1.50-1.50-1.50
1858 England	562	(b) M.	(b)	1.10-1.18- —
1858 England	563	(b) M.	f60-60-60	.89-1.10- —
1858 Ireland	563	(b) (b)	60-60-60	1.22-1.22-1.22
1858 Scotland	562	(b) M.	(b)	1.01-1.01-1.01
1859 Conn	190	19 M.	60-72-61	1.50-1.75-1.67
1859 Ill	5	1 M.	60-60-60	2.00-2.00-2.00
1859 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1859 Mass	190	90 M.	60-78-63	1.00-1.75-1.38
1859 N. J	8	4 M.	60-60-60	1.50-1.50-1.50
1859 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1859 N. Y	190	78 M.	60-72-60	1.13-3.50-1.91
1859 Ohio	190	5 M.	60-60-60	1.50-1.50-1.50
1859 Pa	190	24 M.	60-60-60	1.50-1.75-1.58
1859 England	177	(b) M.	59-59-59	1.28-1.28-1.28
1859 England	562	(b) M.	58-58-58	1.14-1.14-1.14
1859 England	564	(b) (b)	58-60 —	.89-1.10- —
1859 Germany	609	(b) (b)	(b)	.32- .37- —
1859 Ireland	563	(b) M.	60-60-60	1.22-1.22-1.22
1860 Conn	190	19 M.	60-72-61	1.25-1.75-1.65
1860 Md	190	1 M.	60-60-60	1.38-1.38-1.38
1860 Mass	190	124 M.	60-78-63	1.00-3.00-1.35
1860 N. Y	190	91 M.	60-72-60	1.00-2.50-1.90
1860 Ohio	190	5 M.	60-60-60	1.50-1.63-1.53
1860 Ohio	361	7 M.	(b)	1.00-1.67-1.29
1860 Pa	190	18 M.	60-60-60	1.75-1.75-1.75
1860 Belgium	456	(b) (b)	(b)	.33- .33- .33
1860 England	45	(b) M.	(b)	1.05-1.14- —
1860 England	563	(b) (b)	(b)	h.10- .11- —
1860 England	564	(b) (b)	58-60 —	.81-1.10- —
1860 France	523	(b) M.	60-60-60	.77- .97- —
1860 Germany	185	(b) M.	(b)	.44- .72- —
1860 Germany	609	(b) (b)	(b)	.27- .54- —
1860 Ireland	563	(b) (b)	60-60-60	.97-1.22- —
1860 Scotland	563	(b) (b)	57-57-57	.85- .85- .85
1861 Conn	190	14 M.	60-60-60	1.25-1.75-1.50
1861 Mass	190	94 M.	60-78-63	1.00-1.83-1.40
1861 N. Y	8	1 M.	72-72-72	1.35-1.35-1.35
1861 N. Y	190	96 M.	60-72-60	1.25-2.50-1.92
1861 Ohio	190	2 M.	60-60-60	1.50-1.63-1.57
1861 Pa	190	22 M.	60-60-60	1.75-2.00-1.89
1861 England	564	(b) (b)	56-60 —	.97-1.10- —
1861 Scotland	564	(b) (b)	(b)	.89-1.01- —
1862 Conn	190	12 M.	60-60-60	1.25-1.75-1.48
1862 Mass	190	138 M.	60-72-62	1.00-3.00-1.36
1862 N. Y	190	66 M.	60-72-60	1.25-2.50-1.89

a Not including hours of 1 person not reported.
b Not reported.
c And board.
d Average for 1840–49.
e Not including hours of 2 persons not reported.
f Applies to but 1 of the 2 wage quotations.
g Average for 1850–59.
h Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1862 Ohio	190	2 M.	60-60-60	1.50-1.63-1.57
1862 Pa	190	26 M.	60-60-60	1.75-2.50-2.21
1862 England	564	(a) (a)	58-58-58	.97- .97- .97
1862 Scotland	576	(a) M.	57-60 —	.61-1.05- —
1862 Wales	578	(a) M.	54-54-54	1.37-1.37-1.37
1863 Conn	190	26 M.	60-72-60	1.50-2.50-1.86
1863 Md	190	9 M.	60-60-60	1.50-1.75-1.69
1863 Mass	190	161 M.	60-72-62	1.00-3.00-1.40
1863 N. Y	190	86 M.	60-60-60	1.34-2.50-1.97
1863 Ohio	190	2 M.	60-60-60	1.75-1 75-1.75
1863 Pa	190	20 M.	60-60-60	2.00-3.00-2.50
1863 Pa	384	1 M.	(a)	1.25-1.25-1.25
1863 Belgium	610	(a) M.	(a)	.53- .53- .53
1863 England	565	(a) M.	b54-60 —	.89-1.10- —
1863 Ireland	565	(a) M.	(a)	.61-1.22- —
1863 Scotland	565	(a) M.	57-57-57	.96- .96- .96
1863 Scotland	576	(a) M.	57-60 —	.65-1.05- —
1864 Conn	190	34 M.	60-72-60	1.62-3.00-2.05
1864 Md	190	13 M.	60-60-60	1.50-2.25-2.07
1864 Mass	190	100 M.	60-72-63	1.10-2.50-1.65
1864 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1864 N. Y	190	100 M.	60-60-60	1.34-3.00-2.70
1864 Ohio	190	2 M.	60-60-60	2.25-2.25-2.25
1864 Pa	190	22 M.	60-60-60	2.25-3.00-2.52
1864 Germany	185	(a) M.	(a)	.46- .84- —
1864 Germany	610	(a) M.	c72-72-72	.39- .61- —
1864 Gr't Brit	575	(a) M.	52-64 —	.73-1.34- —
1864 Scotland	576	(a) M.	51-60 —	.69-1.14- —
1865 Conn	190	19 M.	60-60-60	1.62-3.00-2.25
1865 Md	190	11 M.	60-60-60	1.67-2.50-2.33
1865 Mass	190	161 M.	60-72-61	1.42-3.00-2.14
1865 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1865 N. Y	190	84 M.	60-72-60	1.67-3.25-2.90
1865 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1865 Pa	190	33 M.	60-60-60	2.25-2.50-2.39
1865 Belgium	456	(a) (a)	(a)	.39- .39- .39
1865 Germany	177	(a) M.	63-72 —	.42- .60- —
1865 Germany	609	(a) (a)	78-78-78	.49- .49- .49
1865 Gr't Brit	575	(a) M.	51-63 —	.81-1.43- —
1865 Scotland	576	(a) M.	51-60 —	.73-1.18- —
1866 Conn	190	8 M.	60-66-61	2.25-3.00-2.63
1866 Md	190	8 M.	60-60-60	1.67-2.75-2.52
1866 Mass	190	159 M.	60-72-62	1.33-4.00-2.03
1866 N. J	190	1 M.	60-60-60	2.30-2.30-2.30
1866 N. Y	190	120 M.	60-72-60	1.75-3.50-3.19
1866 Ohio	190	1 M.	60-60-60	3.00-3.00-3.00
1866 Pa	190	39 M.	60-60-60	2.50-2.75-2.57
1866 England	566	(a) M.	d59-60 —	1.20-1.22- —
1866 Germany	177	(a) M.	63-72 —	.48- .68- —
1866 Germany	185	(a) M.	(a)	.47- .47- .47
1866 Germany	609	(a) (a)	72-78 —	.43- .55- —
1866 Gr't Brit	575	(a) M.	50-63 —	.81-1.53- —
1866 Scotland	566	(a) M.	57-60 —	1.01-1.01-1.01
1866 Scotland	576	(a) M.	51-60 —	.73-1.18- —
1867 Conn	190	10 M.	60-60-60	2.75-3.25-3.03
1867 Ga	7	4 M.	66-66-66	1.25-1.75-1.50
1867 Md	190	13 M.	60-60-60	1.67-3.00-2.67
1867 Mass	190	162 M.	60-72-62	1.50-4.00-2.42
1867 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1867 N. Y	190	118 M.	60-72-60	1.67-3.75-3.27
1867 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1867 Pa	190	40 M.	60-60-60	2.50-2.75-2.59
1867 Germany	177	(a) M.	63-72 —	.54- .67- —
1867 Germany	185	(a) M.	e78-78-78	.48- .58- —
1867 Germany	609	(a) (a)	72-78 —	.55- .59- —
1867 Gr't Brit	575	(a) M.	51-64 —	.81-1.53- —
1867 Scotland	576	(a) M.	51-60 —	.77-1.16- —
1868 Conn	190	5 M.	60-60-60	2.25-3.25-3.05
1868 Md	190	21 M.	60-60-60	1.67-3.25-2.84
1868 Mass	190	191 M.	60-66-62	1.25-4.00-2.23
1868 Mass	268	1 M.	(a)	2.25-2.25-2.25
1868 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1868 N. Y	190	122 M.	60-72-60	1.50-4.00-3.58
1868 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1868 Pa	190	40 M.	60-60-60	2.50-2.75-2.60
1868 Belgium	610	(a) (a)	60-60-60	.54- .54- .54
1868 England	567	(a) M.	54-72 —	1.05-1.10- —
1868 France	33	(a) M.	(a)	.82- .82- .82
1868 France	38	(a) (a)	(a)	1.04-1.04-1.04
1868 France	523	(a) M.	60-60-60	.87-1.16- —
1868 Germany	177	(a) M.	63-72 —	.54- .60- —
1868 Germany	185	(a) M.	(a)	.34- .66- —
1868 Germany	610	(a) M.	g68-75 —	.24-1.10- —
1868 Gr't Brit	575	(a) M.	51-62 —	.81-1.53- —
1868 Italy	610	(a) M.	(a)	.16- .68- —
1868 Scotland	576	(a) M.	51-60 —	.81-1.18- —
1868 Switzerl'd	709	(a) (a)	60-60-60	.77- .77- .77
1869 Conn	190	32 M.	60-60-60	2.00-4.00-2.98
1869 Md	190	19 M.	60-60-60	1.67-3.25-2.73
1869 Mass	190	166 M.	60-66-62	1.25-3.00-2.22
1869 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1869 N. Y	190	128 M.	59-72-60	1.75-4.00-3.63
1869 Ohio	190	1 M.	60-60-60	2.25-2.25-2.25
1869 Pa	190	50 M.	60-60-60	2.00-2.75-2.57
1869 Aust-Hun	609	(a) (a)	(a)	1.27-1.46- —
1869 Brazil	609	(a) (a)	(a)	.73- .97- —
1869 Denmark	609	(a) (a)	(a)	.64- .73- —
1869 England	177	(a) M.	59-59-59	1.28-1.28-1.28
1869 France	609	(a) (a)	60-72 —	.97-1.16- —
1869 Germany	177	(a) M.	63-72 —	.54- .65- —
1869 Germany	609	(a) M.	c54-66 —	.30- .73- —
1869 Gr't Brit	575	(a) M.	51-64 —	.77-1.53- —
1869 Greece	609	(a) (a)	(a)	.52- .86- —
1869 Italy	610	(a) M.	(a)	.58- .58- .58
1869 Peru	609	(a) (a)	(a)	2.19-2.92- —
1869 Scotland	576	(a) M.	51-60 —	.81-1.25- —
1869 Spain	609	(a) (a)	(a)	.51- .61- —
1869 Turkey	609	(a) (a)	(a)	.45- .61- —
1869 Turk. in A	609	(a) (a)	(a)	.77-1.22- —
1870 Cal	16	15 M.	60-60-60	3.50-4.00-3.83
1870 Conn	190	54 M.	60-60-60	1.75-4.00-2.77
1870 Ill	16	102 M.	60-60-60	2.50-3.00-2.58
1870 La	16	34 M.	54-54-54	2.50-3.50-2.88
1870 Md	16	70 M.	60-60-60	2.50-2.75-2.57
1870 Md	190	17 M.	60-60-60	1.67-3.00-2.64
1870 Mass	16	34 M.	60-60-60	2.25-3.50-2.59
1870 Mass	190	147 M.	60-66-63	1.16-3.00-2.12
1870 Mass	267	36 M.	(a)	3.00-3.00-3.00
1870 Mass	268	1 M.	(a)	3.00-3.00-3.00
1870 Minn	16	17 M.	60-60-60	1.75-2.00-1.94
1870 Mo	16	65 M.	60-60-60	3.50-3.50-3.50
1870 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1870 N. Y	16	342 M.	60-60-60	2.50-3.50-3.43
1870 N. Y	190	134 M.	59-72-60	2.00-3.75-3.26
1870 Ohio	16	76 M.	60-60-60	1.80-3.25-2.45
1870 Ohio	190	1 M.	60-60-60	2.25-2.25-2.25
1870 Pa	16	66 M.	60-60-60	2.17-3.50-2.74
1870 Pa	190	46 M.	60-60-60	2.00-2.75-2.57
1870 Va	16	13 M.	60-60-60	2.00-2.75-2.27
1870 Algeria	610	(a) (a)	(a)	.93-1.16- —
1870 Azores	610	(a) M.	(a)	.32- .43- —
1870 Belgium	456	(a) (a)	(a)	.42- .42- .42
1870 Brazil	610	(a) (a)	(a)	.97-1.58- —
1870 Chile	610	(a) (a)	(a)	1.40-2.74- —
1870 Egypt	610	(a) (a)	(a)	1.22-1.46- —
1870 England	16	(a) M.	55-57 —	1.34-1.53- —

a Not reported.
b Applies to but 3 of the 10 wage quotations.
c Applies to but 2 of the 4 wage quotations.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Average for 1867-68.
g Applies to but 13 of the 23 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 England	45	(a) M.	(a)	1.30-1.30-1.30
1870 France	16	(a) M.	(a)	1.06-1.22- —
1870 France	17	(a) M.	(a)	.81- .97- —
1870 Germany	177	(a) M.	63-72 —	.58- .65- —
1870 Germany	610	(a) M.	72-72-72	.18- .73- —
1870 Germany	610	(a) M.	66-84 —	b .37- .54- —
1870 Gr't Brit	575	(a) M.	51-62 —	.77-1.53- —
1870 Greece	610	(a) (a)	(a)	.43-1.03- —
1870 Italy	177	(a) M.	(a)	.65- .65- .65
1870 Italy	610	(a) M.	(a)	.39- .77- —
1870 Morocco	610	(a) M.	(a)	.24- .97- —
1870 Netherl'ds	610	(a) M.	60-66 —	.32- .36- —
1870 Norway	610	(a) M.	(a)	.58-1.08- —
1870 Persia	610	(a) M.	(a)	.12- .12- .12
1870 Portugal	610	(a) M.	(a)	.24- .47- —
1870 Russia	185	(a) (a)	(a)	.87-1.32- —
1870 Russia	610	(a) M.	(a)	.59-1.22- —
1870 Scotland	16	(a) M.	51-51-51	1.13-1.13-1.13
1870 Scotland	576	(a) M.	51-60 —	.81-1.25- —
1870 Scotland	576	(a) M.	(a)	c.12½-.12½-.12½
1870 Servia	610	(a) M.	(a)	.49- .97- —
1870 Servia	610	(a) M.	(a)	b .24- .24- .24
1870 Spain	610	(a) M.	d78-78-78	.41- .75- —
1870 Switzerl'd	610	(a) M.	(a)	.39- .58- —
1870 Turkey	610	(a) M.	(a)	.49-1.02- —
1870 Turk. in A	610	(a) M.	(a)	.23-1.46- —
1870 Uruguay	610	(a) M.	(a)	2.03-2.03-2.03
1871 Cal	16	13 M.	60-60-60	3.50-4.00-3.77
1871 Conn	190	31 M.	60-66-60	1.75-3.50-2.79
1871 Ill	16	401 M.	60-60-60	2.30-3.00-2.89
1871 La	16	41 M.	54-54-54	2.50-3.50-2.89
1871 Md	16	75 M.	60-60-60	2.50-2.75-2.57
1871 Md	190	16 M.	60-60-60	1.67-3.00-2.65
1871 Mass	16	34 M.	60-60-60	2.25-3.50-2.60
1871 Mass	190	268 M.	60-66-61	1.33-3.50-2.38
1871 Mass	267	40 M.	e53-60-58	2.00-3.00-2.77
1871 Minn	16	20 M.	60-60-60	1.75-2.00-1.94
1871 Mo	16	50 M.	60-60-60	3.50-3.50-3.50
1871 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1871 N. Y	16	333 M.	60-60-60	2.50-3.50-3.42
1871 N. Y	190	134 M.	59-72-60	2.00-3.75-3.30
1871 Ohio	16	72 M.	60-60-60	1.80-3.50-2.50
1871 Ohio	190	1 M.	60-60-60	2.25-2.25-2.25
1871 Pa	16	90 M.	60-60-60	2.00-3.50-2.71
1871 Pa	190	52 M.	60-60-60	2.00-2.75-2.68
1871 R. I	190	2 M.	60-60-60	2.00-2.00-2.00
1871 Va	16	13 M.	60-60-60	2.00-2.75-2.23
1871 Argentina	611	(a) M.	(a)	1.46-2.19- —
1871 Aust-Hun	611	(a) M.	(a)	.49- .49- .49
1871 Belgium	456	(a) (a)	(a)	c.04½-.04½-.04½
1871 Brazil	611	(a) M.	f60-60-60	.55-1.64- —
1871 Cuba	611	(a) M.	54-54-54	1.22-2.19- —
1871 England	16	(a) M.	55-57 —	1.34-1.53- —
1871 England	568	(a) M.	72-72-72	1.14-1.14-1.14
1871 England	629	(a) (a)	d57-60 —	.97-1.53- —
1871 France	16	(a) M.	(a)	1.06-1.22- —
1871 France	17	(a) M.	(a)	.76- .97- —
1871 France	611	(a) M.	g60-60-60	.48- .97- —
1871 France	712	(a) M.	(a)	.55-1.16- —
1871 Germany	177	(a) M.	63-72 —	.60- .83- —
1871 Germany	185	(a) M.	(a)	.39- .72- —
1871 Germany	611	(a) M.	g54-54-54	.61- .81- —
1871 Gr't Brit	575	(a) M.	50-63 —	.81-1.53- —
1871 Greece	611	(a) M.	(a)	.91- .91- .91
1871 Ireland	568	(a) M.	57-72 —	1.22-1.22-1.22
1871 Italy	165	(a) (a)	(a)	.60- .80- —
1871 Italy	610	(a) M.	(a)	0.19-0.97- —
1871 Italy	611	(a) M.	(a)	.30- .91- —
1871 Netherl'ds	611	(a) M.	60-72 —	.49- .73- —
1871 Norway	185	(a) (a)	(a)	.61-1.08- —
1871 Persia	611	(a) M.	(a)	.41- .41- .41
1871 Peru	165	(a) (a)	(a)	1.84-4.60- —
1871 Peru	611	(a) M.	(a)	3.65-3.65-3.65
1871 Peru	611	(a) M.	(a)	h2.19-2.19-2.19
1871 Russia	611	(a) M.	(a)	.54- .58- —
1871 Scotland	16	(a) M.	51-51-51	1.13-1.13-1.13
1871 Scotland	576	(a) M.	51-60 —	.81-1.25- —
1871 Spain	611	(a) M.	(a)	.58- .72- —
1871 Turkey	611	(a) M.	(a)	.73-1.83- —
1871 Turk. in A	611	(a) M.	(a)	.53- .61- —
1872 Cal	16	17 M.	60-60-60	3.50-4.00-3.76
1872 Conn	190	12 M.	60-66-61	2.00-3.50-2.73
1872 Ill	16	484 M.	60-60-60	2.40-3.15-2.82
1872 La	16	46 M.	54-54-54	2.50-3.50-2.86
1872 Md	16	80 M.	60-60-60	2.50-2.75-2.59
1872 Md	190	18 M.	60-60-60	1.67-3.00-2.44
1872 Mass	16	41 M.	60-60-60	2.25-3.50-2.51
1872 Mass	190	308 M.	60-66-61	1.50-4.50-2.32
1872 Mass	268	202 M.	i 60-60-60	2.40-3.25-2.79
1872 Minn	16	26 M.	60-60-60	1.75-2.00-1.85
1872 Mo	16	50 M.	60-60-60	3.50-3.50-3.50
1872 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1872 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1872 N. Y	16	326 M.	54-60-56	2.50-3.50-3.40
1872 N. Y	190	189 M.	59-72-60	1.75-3.75-2.99
1872 Ohio	16	85 M.	60-60-60	2.00-3.50-2.50
1872 Ohio	190	1 M.	60-60-60	2.25-2.25-2.25
1872 Ohio	359	4 M.	(a)	2.40-3.33-2.81
1872 Ohio	361	16 M.	(a)	1.83-3.33-2.56
1872 Pa	16	75 M.	60-60-60	2.00-3.50-2.68
1872 Pa	190	56 M.	60-60-60	2.00-2.75-2.70
1872 S. C	7	1 M.	72-72-72	1.75-1.75-1.75
1872 Va	16	15 M.	60-60-60	2.25-2.75-2.43
1872 Aust-Hun	185	(a) (a)	(a)	.36- .81- —
1872 Belgium	185	(a) M.	(a)	.19- .67- —
1872 Canada	185	(a) M.	(a)	1.75-1.75-1.75
1872 Denmark	185	(a) (a)	60-60-60	.61- .65- —
1872 England	16	(a) M.	53-55 —	1.34-1.51- —
1872 England	185	(a) M.	j 54-72 —	1.13-1.41- —
1872 France	16	(a) M.	(a)	1.06-1.22- —
1872 France	17	(a) M.	(a)	.97-1.07- —
1872 France	185	(a) M.	(a)	.48- .97- —
1872 Germany	185	(a) M.	k 54-72 —	.55-1.20- —
1872 Gr't Brit	575	(a) M.	50-62 —	.81-1.51- —
1872 Greece	185	(a) M.	(a)	.95- .95- .95
1872 Ireland	185	(a) M.	60-72 —	1.21-1.21-1.21
1872 Italy	185	(a) M.	(a)	.39- .48- —
1872 Netherl'ds	185	(a) (a)	60-72 —	.48- .73- —
1872 Samoa	166	(a) (a)	(a)	3.50-3.50-3.50
1872 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1872 Scotland	185	(a) (a)	51-51-51	.97-1.13- —
1872 Scotland	576	(a) M.	51-57 —	.77-1.35- —
1872 Switzerl'd	185	(a) M.	(a)	1.10-1.10-1.10
1872 Switzerl'd	709	(a) (a)	(a)	.60- .60- .60
1873 Cal	16	12 M.	60-60-60	3.50-4.00-3.71
1873 Conn	190	27 M.	60-66-60	2.50-4.50-3.04
1873 Ill	16	276 M.	60-60-60	2.50-3.15-2.56
1873 La	16	30 M.	54-54-54	2.50-3.50-2.87
1873 Md	16	55 M.	60-60-60	1.75-2.00-1.89
1873 Md	190	23 M.	60-60-60	1.67-3.00-2.44
1873 Mass	16	35 M.	60-60-60	2.25-3.00-2.49
1873 Mass	190	116 M.	60-66-64	1.25-3.25-2.37

a Not reported.
b And board and lodging.
c Per hour.
d Applies to but 2 of the 5 wage quotations.
e Not including hours of 32 persons not reported.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 2 of the 7 wage quotations.
h And board.
i Not including hours of 2 persons not reported.
j Applies to but 4 of the 5 wage quotations.
k Applies to but 8 of the 19 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 Mass	269	2 M.	(a)	2.75-3.00-2.88
1873 Minn	16	27 M.	60-60-60	1.75-2.00-1.84
1873 Mo	16	30 M.	60-60-60	3.50-3.50-3.50
1873 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1873 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1873 N. J	317	4 M.	(a)	3.00-3.00-3.00
1873 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00
1873 N. Y	16	323 M.	54-60-56	2.50-3.50-3.37
1873 N. Y	190	171 M.	59-72-60	1.75-4.00-3.10
1873 Ohio	16	63 M.	60-60-60	1.90-3.25-2.67
1873 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1873 Pa	16	102 M.	60-60-60	2.00-4.00-2.70
1873 Pa	190	62 M.	60-60-60	2.00-2.75-2.69
1873 Pa	379	284 M.	(a)	2.00-2.50-2.09
1873 Va	16	16 M.	60-60-60	2.00-2.75-2.49
1873 Aust-Hun	185	(a) (a)	(a)	1.20-1.20-1.20
1873 Aust-Hun	711	(a) M.	(a)	b .09½-.12½- —
1873 Canada	185	(a) M.	(a)	1.25-2.50- —
1873 Canada	185	(a) M.	(a)	c1.00-1.00-1.00
1873 Denmark	185	(a) (a)	(a)	.80- .80- .80
1873 England	16	(a) M.	53-55 —	1.48-1.60- —
1873 England	43	(a) (a)	(a)	b .15- .15- .15
1873 England	177	(a) M.	54-54-54	1.35-1.39- —
1873 England	185	(a) M.	47-60 —	1.03-1.59- —
1873 France	16	(a) M.	(a)	1.06-1.22- —
1873 France	17	(a) M.	(a)	.97-1.08- —
1873 France	185	(a) M.	(a)	.60-1.20- —
1873 France	523	(a) M.	60-60-60	.97-1.16- —
1873 Germany	177	(a) M.	d60-72 —	.59-1.40- —
1873 Germany	542	(a) M.	60-60-60	.95-1.25- —
1873 Germany	711	(a) M.	(a)	b .04- .07- —
1873 Gr't Brit	185	(a) M.	(a)	1.37-1.37-1.37
1873 Gr't Brit	575	(a) M.	50-61 —	.81-1.62- —
1873 Greece	185	(a) (a)	(a)	.75-1.00- —
1873 Ireland	185	(a) M.	e54-61 —	.72-1.37- —
1873 Italy	177	(a) M.	(a)	.70- .70- .70
1873 Italy	185	(a) M.	(a)	.60-1.00- —
1873 Italy	185	(a) M.	(a)	c.50- .50- .50
1873 Jamaica	185	(a) M.	(a)	5.00-5.00-5.00
1873 N. Found	185	(a) M.	(a)	1.60-1.60-1.60
1873 Persia	184	(a) M.	(a)	.30- .30- .30
1873 Russia	185	(a) (a)	(a)	1.60-1.60-1.60
1873 Russia	185	(a) (a)	(a)	c1.50-1.50-1.50
1873 Scotland	16	(a) M.	51-51-51	1.30-1.30-1.30
1873 Scotland	177	(a) M.	(a)	1.19-1.19-1.19
1873 Scotland	185	(a) M.	f45-57 —	.61-1.37- —
1873 Scotland	576	(a) M.	51-57 —	.81-1.44- —
1873 Sweden	167	(a) M.	72-72-72	.81- .81- .81
1873 Switzerl'd.	185	(a) M.	(a)	.40-1.00- —
1873 Switzerl'd.	632	(a) (a)	(a)	.54- .77- —
1873 Switzerl'd.	709	(a) (a)	60-60-60	.68- .68- .68
1873 Switzerl'd.	711	(a) M.	54-75 —	.39-1.54- —
1873 Switzerl'd.	714	(a) M.	66-66-66	.66- .77- —
1873 Tunis	185	(a) (a)	(a)	.60- .60- .60
1873 Wales	185	(a) M.	54-54-54	1.08-1.08-1.08
1874 Cal	16	12 M.	60-60-60	3.50-4.00-3.63
1874 Conn	190	28 M.	60-66-60	2.00-4.50-2.89
1874 Ill	16	243 M.	60-60-60	2.00-2.35-2.17
1874 Ill	185	80 M.	60-60-60	2.25-2.50-2.34
1874 La	16	42 M.	54-54-54	2.50-3.25-2.80
1874 Md	16	75 M.	60-60-60	2.00-2.25-2.08
1874 Md	190	34 M.	60-60-60	1.67-2.75-2.34
1874 Mass	16	33 M.	60-60-60	2.00-3.00-2.45
1874 Mass	190	165 M.	60-66-61	1.25-4.50-2.30
1874 Minn	16	30 M.	60-60-60	1.75-2.00-1.86
1874 Mo	16	35 M.	60-60-60	3.50-3.50-3.50
1874 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1874 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1874 N. Y	16	265 M.	54-60-56	2.25-3.75-3.38
1874 N. Y	190	147 M.	59-72-60	1.75-4.00-3.16
1874 Ohio	16	77 M.	60-60-60	1.90-3.00-2.50
1874 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1874 Pa	16	76 M.	60-60-60	1.80-3.67-2.59
1874 Pa	190	42 M.	60-60-60	2.00-2.75-2.68
1874 Pa	380	284 M.	(a)	1.08-3.52-1.95
1874 Va	16	20 M.	60-60-60	2.00-2.75-2.41
1874 Br. India	459	(a) (a)	(a)	.13- .28- —
1874 Canada	185	(a) M.	g59-60 —	1.50-2.50- —
1874 Canada	185	(a) M.	(a)	c1.75-1.75-1.75
1874 Corsica	505	(a) M.	(a)	.53- .53- .53
1874 England	16	(a) M.	53-55 —	1.48-1.60- —
1874 England	185	(a) M.	(a)	1.44-1.68- —
1874 England	185	(a) M.	(a)	b .15- .15- .15
1874 France	16	(a) M.	(a)	1.06-1.22- —
1874 France	17	(a) M.	(a)	.68-1.08- —
1874 France	168	(a) M.	(a)	1.20-1.20-1.20
1874 France	505	(a) M.	(a)	.39- .97- —
1874 France	523	(a) M.	60-60-60	.97-1.16- —
1874 Germany	177	(a) M.	h60-72 —	.59-1.07- —
1874 Germany	185	(a) M.	i60-60-60	.80-1.80- —
1874 Gr't Brit'	575	(a) M.	49-62 —	.85-1.72- —
1874 Ireland	569	(a) M.	54-54-54	1.28-1.28-1.28
1874 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1874 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11
1874 Scotland	185	(a) M.	51-51-51	1.20-1.28- —
1874 Scotland	576	(a) M.	51-57 —	.89-1.54- —
1874 Switzerl'd.	713	(a) M.	60-75 —	.39-1.16- —
1874 Wales	185	(a) M.	(a)	.96-2.21- —
1875 Cal	16	16 M.	60-60-60	3.50-3.50-3.50
1875 Conn	190	29 M.	60-60-60	2.00-3.50-2.68
1875 Ill	16	219 M.	60-60-60	2.00-2.70-2.21
1875 La	16	35 M.	54-54-54	2.50-3.25-2.81
1875 Md	16	95 M.	60-60-60	2.00-2.25-2.09
1875 Md	190	22 M.	60-60-60	1.67-2.75-2.24
1875 Mass	16	28 M.	60-60-60	2.00-2.75-2.15
1875 Mass	190	141 M.	60-60-60	1.50-3.00-2.15
1875 Minn	16	31 M.	60-60-60	1.75-2.00-1.85
1875 Mo	16	50 M.	60-60-60	3.50-3.50-3.50
1875 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1875 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1875 N. Y	16	318 M.	54-60-56	2.25-3.50-3.21
1875 N. Y	190	151 M.	59-72-60	1.55-3.75-2.86
1875 Ohio	16	73 M.	60-60-60	1.67-3.00-2.46
1875 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1875 Pa	16	63 M.	60-60-60	2.08-3.67-2.58
1875 Pa	190	66 M.	60-60-60	1.75-2.75-2.52
1875 Pa	380	419 M.	j60-72-63	1.63-2.75-1.89
1875 R. I	190	1 M.	60-60-60	2.25-2.25-2.25
1875 Va	16	13 M.	60-60-60	2.00-2.75-2.46
1875 Belgium	456	(a) (a)	(a)	.48- .48- .48
1875 Br. India	459	(a) (a)	(a)	.12- .27- —
1875 Chile	184	(a) M.	(a)	1.76-3.50- —
1875 England	16	(a) M.	52-53 —	1.50-1.60- —
1875 France	16	(a) M.	(a)	1.16-1.35- —
1875 France	17	(a) M.	(a)	.69-1.37- —
1875 France	177	(a) M.	(a)	.90-1.30- —
1875 France	496	(a) M.	(a)	.52-1.25- —
1875 France	523	(a) M.	60-60-60	.97-1.16- —
1875 Germany	177	(a) M.	h60-72 —	.57-1.07- —
1875 Germany	543	(a) M.	(a)	b .09½-.14½- —
1875 Gr't Brit	575	(a) M.	49-62 —	.81-1.70- —
1875 Ireland	169	(a) M.	60-60-60	1.00-1.25- —

a Not reported.
b Per hour.
c And board.
d Applies to but 5 of the 13 wage quotations.
e Applies to but 3 of the 8 wage quotations.
f Applies to but 16 of the 17 wage quotations.
g Applies to but 6 of the 11 wage quotations.
h Applies to but 5 of the 9 wage quotations.
i Applies to but 20 of the 30 wage quotations.
j Not including hours of 383 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875 Norway	684	(a) M.	(a)	0.55-1.18- —
1875 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1875 Scotland	177	(a) M.	51-51-51	1.19-1.19-1.19
1875 Scotland	576	(a) M.	51-57 —	.97-1.54- —
1875 Spain	169	(a) M.	(a)	.70- .75- —
1876 Cal	16	15 M.	54-60-56	3 50-3.50-3.50
1876 Conn	190	20 M.	60-66-60	1.75-3.50-2.51
1876 Ill	16	62 M.	60-60-60	2.00-2.40-2.15
1876 La	16	44 M.	54-54-54	2.50-3.25-2.68
1876 Md	16	105 M.	60-60-60	1.75-2.25-1.98
1876 Md	190	33 M.	60-60-60	1.67-3.00-2.26
1876 Mass	16	29 M.	60-60-60	2.00-2.50-2.17
1876 Mass	190	91 M.	60-60-60	1.40-2.75-2.05
1876 Minn	16	33 M.	60-60-60	1.75-2.00-1.86
1876 Mo	16	45 M.	60-60-60	3.50-3.50-3.50
1876 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1876 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1876 N. Y	16	325 M.	54-60-56	2.25-3.50-3.17
1876 N. Y	190	186 M.	59-72-60	1.75-3.75-2.49
1876 N. C	8	3 M.	60-60-60	1.50-1.50-1.50
1876 Ohio	16	56 M.	60-60-60	1.86-2.75-2.45
1876 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1876 Pa	16	81 M.	60-60-60	1.70-3.67-2.18
1876 Pa	190	51 M.	60-60-60	1.75-2.75-2.47
1876 Pa	381	522 M.	b 48-66-55	1.10-3.25-1.95
1876 Pa	382	7 M.	(a)	1.35-2.25-1.71
1876 R. I	190	1 M.	60-60-60	2.50-2.50-2.50
1876 Va	16	15 M.	60-60-60	2.00-2.75-2.52
1876 Australia	171	(a) M.	(a)	1.62-3.25- —
1876 Australia	171	(a) M.	(a)	c .30- .30- .30
1876 Br. India	459	(a) (a)	(a)	.14- .27- —
1876 England	16	(a) M.	52-53 —	1.50-1.60- —
1876 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1876 France	16	(a) M.	(a)	1.16-1.39- —
1876 France	17	(a) M.	(a)	.83-1.38- —
1876 France	497	(a) M.	(a)	.52-1.16- —
1876 France	523	(a) M.	60-60-60	.97-1.16- —
1876 Germany	177	(a) M.	(a)	.55- .61- —
1876 Gr't Brit	575	(a) M.	49-63 —	.81-1.72- —
1876 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1876 Scotland	177	(a) M.	51-51-51	1.28-1.28-1.28
1876 Scotland	576	(a) M.	51-57 —	.97-1.55- —
1877 Cal	16	16 M.	54-60-55	3.50-3.50-3.50
1877 Conn	190	8 M.	60-60-60	1.75-2.75-2.20
1877 Ga	8	1 M.	66-66-66	2.25-2.25-2.25
1877 Ill	16	96 M.	60-60-60	2.20-2.50-2.24
1877 La	16	32 M.	54-54-54	2.50-3.25-2.68
1877 Md	16	85 M.	60-60-60	1.75-2.25-1.99
1877 Md	190	27 M.	60-60-60	1.50-3.00-2.26
1877 Mass	16	36 M.	60-60-60	1.50-2.25-1.72
1877 Mass	190	151 M.	60-60-60	1.39-2.50-1.83
1877 Minn	16	33 M.	60-60-60	1.75-2.00-1.86
1877 Mo	16	50 M.	60-60-60	3.50-3.50-3.50
1877 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1877 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1877 N. J	317	136 M.	d 53-60-54	1.00-2.00-1.79
1877 N. Y	16	380 M.	54-60-56	2.25-3.50-3.05
1877 N. Y	190	171 M.	59-72-60	1.50-3.50-2.42
1877 Ohio	16	47 M.	60-60-60	1.53-2.75-2.31
1877 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1877 Ohio	359	520 M.	e 60-84-76	1.17-4.00-2.01
1877 Pa	16	62 M.	60-60-60	1.50-3.00-2.07
1877 Pa	190	40 M.	60-60-60	2.00-2.75-2.50
1877 Pa	382	232 M.	f 48-72-56	1.25-2.50-2.11
1877 Pa	382	97 M.	(a)	c .22- .22- .22
1877 R. I	190	2 M.	60-60-60	1.25-2.00-1.63
1877 Va	16	9 M.	60-60-60	1.50-2.25-1.87
1877 Br. India	459	(a) (a)	(a)	0.14-0.28- —
1877 England	16	(a) M.	52-53 —	1.50-1.60- —
1877 England	45	(a) M.	(a)	1.56-1.56-1.56
1877 England	570	(a) M.	49-60 —	1.09-1.78- —
1877 England	570	(a) M.	(a)	c .15-.18½- —
1877 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1877 France	16	(a) M.	(a)	1.16-1.39- —
1877 France	17	(a) M.	(a)	.77-1.40- —
1877 France	523	(a) M.	60-60-60	1.16-1.35- —
1877 Germany	177	(a) M.	(a)	.48- .85- —
1877 Gr't Brit	575	(a) M.	49-64 —	.81-1.72- —
1877 Ireland	570	(a) M.	54-54-54	1.46-1.46-1.46
1877 Italy	177	(a) M.	(a)	.85- .85- .85
1877 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1877 Scotland	177	(a) M.	51-51-51	1.36-1.36-1.36
1877 Scotland	570	(a) M.	51-51-51	.61-1.25- —
1877 Scotland	576	(a) M.	51-56 —	1.01-1.55- —
1878 Cal	16	15 M.	54-60-56	3.50-3.50-3.50
1878 Conn	7	4 M.	72-72-72	2.50-3.00-2.81
1878 Conn	190	5 M.	60-66-61	2.00-2.75-2.30
1878 Ga	7	2 M.	66-66-66	1.75-2.42-2.08
1878 Ill	16	83 M.	60-60-60	2.00-2.40-2.14
1878 La	16	31 M.	54-54-54	2.50-3.25-2.69
1878 Md	16	115 M.	60-60-60	1.75-2.25-1.98
1878 Md	190	36 M.	60-60-60	1.25-2.50-1.79
1878 Mass	16	32 M.	60-60-60	1.50-2.25-1.69
1878 Mass	190	94 M.	60-60-60	1.39-2.75-1.86
1878 Minn	16	44 M.	60-60-60	2.00-2.25-2.10
1878 Mo	16	60 M.	48-48-48	2.80-2.80-2.80
1878 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1878 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1878 N. J	317	4 M.	(a)	1.75-1.75-1.75
1878 N. Y	16	383 M.	54-60-55	2.25-3.50-3.14
1878 N. Y	190	142 M.	59-72-60	1.50-3.50-2.36
1878 Ohio	16	71 M.	60-60-60	1.75-2.75-2.23
1878 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1878 Ohio	360	159 M.	g 48-60-59	1.10-2.50-1.76
1878 Pa	16	56 M.	60-60-60	1.50-3.00-1.92
1878 Pa	190	39 M.	60-60-60	2.00-2.75-2.53
1878 Pa	383	219 M.	h 48-72-58	.80-3.00-1.74
1878 Va	16	16 M.	60-60-60	1.25-2.00-1.58
1878 Australia	177	(a) M.	48-48-48	2.43-2.43-2.43
1878 Belgium	177	(a) M.	(a)	.90- .90- .90
1878 Belgium	177	(a) M.	(a)	c .09- .09- .09
1878 Br. India	459	(a) (a)	(a)	.14- .28- —
1878 Canada	172	(a) M.	(a)	1.50-2.00- —
1878 Denmark	177	(a) M.	(a)	.66- .75- —
1878 England	16	(a) M.	53-55 —	1.48-1.60- —
1878 England	177	(a) M.	i 49-65 —	.90-1.62- —
1878 England	177	(a) M.	(a)	c .16- .17- —
1878 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1878 France	16	(a) M.	(a)	1.16-1.39- —
1878 France	17	(a) M.	(a)	.80-1.38- —
1878 France	33	(a) M.	(a)	.91- .97- —
1878 France	177	(a) M.	(a)	.69-1.20- —
1878 France	498	(a) M.	(a)	.53-1.25- —
1878 France	523	(a) M.	60-60-60	1.16-1.35- —
1878 Germany	177	(a) M.	j 60-60-60	.40-1.07- —
1878 Germany	544	(a) M.	(a)	c .09½-.12- —
1878 Gr't Brit	575	(a) M.	49-63 —	.81-1.69- —
1878 Ireland	177	(a) M.	(a)	1.21-1.21-1.21
1878 Italy	177	(a) M.	(a)	.19- .80- —
1878 Italy	632	(a) M.	(a)	.43- .48- —
1878 Netherl'ds	177	(a) M.	(a)	.60-1.00- —
1878 Netherl'ds	177	(a) M.	(a)	c .07- .10- —
1878 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1878 Scotland	177	(a) M.	k 51-57 —	1.26-1.46- —

a Not reported.
b Not including hours of 249 persons not reported.
c Per hour.
d Not including hours of 129 persons not reported.
e Not including hours of 496 persons not reported.
f Not including hours of 137 persons not reported.
g Not including hours of 142 persons not reported.
h Not including hours of 77 persons not reported.
i Applies to but 69 of the 75 wage quotations.
j Applies to but 3 of the 23 wage quotations.
k Applies to but 9 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Scotland ..	576	(a) M.	51-57 —	1.03-1.38- —
1878 Scotland ..	632	(a) M.	51-51-51	1.46-1.46-1.46
1878 Spain	177	(a) M.	b60-60-60	.70- .90- —
1878 Switzerl'd.	172	(a) M.	60-60-60	.80-1.40- —
1878 Wales	177	(a) M.	54-54-54	1.37-1.37-1.37
1879 Cal.....	16	17 M.	54-60-56	3.50-3.50-3.50
1879 Conn	190	6 M.	60-66-61	1.75-2.75-2.04
1879 Ill	16	122 M.	60-60-60	2.00-2.40-2.24
1879 La	16	36 M.	54-54-54	2.50-3.00-2.69
1879 Md.....	16	120 M.	60-60-60	2.00-2.50-2.15
1879 Md.....	190	23 M.	60-60-60	1.25-2.50-1.78
1879 Mass	16	29 M.	60-60-60	1.50-2.50-2.00
1879 Mass	190	66 M.	60-60-60	1.00-2.75-1.87
1879 Minn	16	47 M.	60-60-60	2.00-2.25-2.10
1879 Mo.....	16	50 M.	48-48-48	2.80-2.80-2.80
1879 Mo.....	293	118 M.	c50-60-59	1.17-2.50-1.93
1879 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1879 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1879 N. J	318	8 M.	d50-60-58	.70-3.00-1.53
1879 N. Y.....	16	394 M.	54-60-55	2.25-3.50-3.14
1879 N. Y	190	145 M.	59-72-60	1.50-3.00-2.23
1879 Ohio	16	73 M.	60-60-60	1.50-3.75-2.02
1879 Ohio	190	1 M.	60-60-60	2.00-2.00-2.00
1879 Ohio	361	16 M.	(a)	1.50-2.25-1.89
1879 Pa	16	82 M.	60-60-60	1.75-3.00-2.00
1879 Pa	190	83 M.	60-60-60	2.00-2.75-2.46
1879 Pa	384	1302 M.	e54-78-60	.60-3.00-1.61
1879 Pa	384	1 M.	(a)	f2.25-2.25-2.25
1879 Pa	384	1 M.	(a)	g .77- .77- .77
1879 Va	16	17 M.	60-60-60	1.25-1.75-1.50
1879 Br. India ..	459	(a) (a)	(a)	.14- .37- —
1879 Canada ...	177	(a) M.	(a)	1.40-1.60- —
1879 England ..	16	(a) M.	53-55 —	1.48-1.60- —
1879 England ..	575	(a) M.	53-53-53	1.60-1.60-1.60
1879 France	16	(a) M.	(a)	1.16-1.39- —
1879 France	17	(a) M.	(a)	.77-1.36- —
1879 France	499	(a) M.	(a)	.55-1.54- —
1879 Germany..	545	(a) M.	(a)	.71- .78- —
1879 Gr't Brit ..	575	(a) M.	49-63 —	.81-1.69- —
1879 Scotland ..	16	(a) M.	51-51-51	1.13-1.13-1.13
1879 Scotland ..	576	(a) M.	51-57 —	.85-1.29- —
1879 Scotland ..	632	(a) M.	51-51-51	1.12-1.12-1.12
1880 Cal.....	16	14 M.	54-60-57	3.50-3.50-3.50
1880 Conn	190	10 M.	60-66-61	2.00-2.75-2.15
1880 Ga.....	7	4 M.	66-69-68	1.50-2.00-1.76
1880 Ill	16	122 M.	60-60-60	2.00-2.50-2.20
1880 Ill	205	204 M.	h43-60-54	1.56-2.50-1.93
1880 La	7	1 M.	(a)	2.00-2.00-2.00
1880 La	16	35 M.	54-54-54	2.50-3.00-2.69
1880 Md.....	16	65 M.	60-60-60	1.75-2.50-2.15
1880 Md.....	190	11 M.	60-60-60	1.75-2.50-1.93
1880 Mass	7	4 M.	60-60-60	1.75-2.50-2.06
1880 Mass	16	35 M.	60-60-60	2.00-2.50-2.29
1880 Mass	190	169 M.	60-60-60	1.25-2.75-1.82
1880 Minn	16	69 M.	60-60-60	2.00-2.25-2.11
1880 Mo.....	16	100 M.	48-48-48	2.80-2.80-2.80
1880 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1880 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1880 N. J	319	78 M.	54-84-60	1.00-3.00-1.53
1880 N. Y.....	16	378 M.	54-60-55	2.25-3.50-3.26
1880 N. Y.....	190	199 M.	59-72-60	1.50-4.00-2.40
1880 N. C.....	8	1 M.	60-60-60	1.50-1.50-1.50
1880 N. C.....	343	1 M.	60-60-60	1.50-1.50-1.50
1880 Ohio	16	124 M.	60-60-60	1.25-2.75-1.87
1880 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1880 Ohio	362	1500 M.	(a)	2.00-2.00-2.00
1880 Pa	7	2 M.	50-60-55	1.44-2.75-2.10
1880 Pa	16	76 M.	60-60-60	1.70-3.00-2.13
1880 Pa	190	56 M.	60-60-60	2.25-2.75-2.62
1880 Pa	385	19 M.	54-66-60	.90-3.00-1.86
1880 R. I	190	31 M.	60-60-60	1.25-2.25-1.77
1880 Va	16	18 M.	60-60-60	1.13-1.75-1.42
1880 Belgium ..	456	(a) (a)	(a)	.43- .43- .43
1880 Br. India ..	459	(a) (a)	(a)	.12- .24- —
1880 C.of G'd H.	485	(a) (a)	(a)	2.43-2.43-2.43
1880 England ..	16	(a) M.	53-55 —	1.48-1.60- —
1880 England ..	571	(a) M.	i50-60 —	.97-1.62- —
1880 England ..	575	(a) M.	53-53-53	1.60-1.60-1.60
1880 France....	16	(a) M.	(a)	1.16-1.39- —
1880 France....	17	(a) M.	(a)	.86-1.40- —
1880 France....	500	(a) M.	(a)	.56-1.54- —
1880 France....	523	(a) M.	60-60-60	1.35-1.54- —
1880 Germany .	23	(a) (a)	57-66 —	.48- .79- —
1880 Germany .	23	(a) (a)	66-84 —	f.12- .12- .12
1880 Germany .	546	(a) M.	(a)	.60-1.07- —
1880 Gr't Brit ..	575	(a) M.	49-62 —	.81-1.69- —
1880 Ireland ...	571	(a) M.	54-54-54	1.46-1.46-1.46
1880 Japan	21	(a) (a)	(a)	.25- .50- —
1880 Norway ...	685	(a) M.	(a)	.48- .67- —
1880 Scotland ..	16	(a) M.	51-51-51	1.13-1.13-1.13
1880 Scotland ..	571	(a) M.	51-60 —	1.10-1.28- —
1880 Scotland ..	576	(a) M.	51-57 —	.85-1.23- —
1880 Sweden ...	21	(a) (a)	(a)	.56- .56- .56
1880 Switzerl'd.	21	(a) (a)	66-66-66	.67- .76- —
1881 Cal	16	20 M.	54-60-56	3.00-3.50-3.45
1881 Conn.....	190	9 M.	60-60-60	1.75-2.75-2.33
1881 Ga	7	1 M.	66-66-66	1.50-1.50-1.50
1881 Ill.....	16	79 M.	60-60-60	2.00-2.50-2.37
1881 La	16	31 M.	54-54-54	2.25-3.00-2.48
1881 Md.....	16	85 M.	60-60-60	2.00-2.50-2.24
1881 Md.....	190	28 M.	60-60-60	1.50-2.50-1.97
1881 Mass	7	1 M.	60-60-60	1.75-1.75-1.75
1881 Mass	16	36 M.	60-60-60	2.00-2.50-2.33
1881 Mass	190	111 M.	60-60-60	1.35-2.75-2.05
1881 Mich.....	2	15 M.	60-60-60	1.75-1.75-1.75
1881 Minn	16	90 M.	60-60-60	2.25-2.50-2.35
1881 Mo.....	2	1600 M.	60-60-60	2.25-2.50-2.38
1881 Mo.....	16	60 M.	48-48-48	2.80-2.80-2.80
1881 N. H	7	83 M.	65-65-65	.75-2.50-1.80
1881 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1881 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1881 N. J	320	11 M.	(a)	1.75-2.50-2.07
1881 N. Y.....	2	318 M.	58-60-59	2.00-2.75-2.56
1881 N. Y.....	16	404 M.	54-60-56	2.50-3.50-3.31
1881 N. Y.....	190	234 M.	59-72-60	1.50-3 25-2 54
1881 Ohio	2	476 M.	60-60-60	2.10-2.55-2.32
1881 Ohio	16	157 M.	60-60-60	1.50-2.90-2.13
1881 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1881 Ohio	363	525 M.	j59-72-60	1.00-3.47-1 89
1881 Pa	2	170 M	60-60-60	1.75-2.00-1.88
1881 Pa	16	134 M.	60-60-60	1.70-3.17-2.43
1881 Pa	190	72 M.	60-60-60	2.00-2.75-2.60
1881 Pa	386	10 M.	60-72-61	1.75-2.75-2.25
1881 R. I	190	17 M.	60-60-60	1.25-2.25-1 81
1881 S. C	7	2 M.	72-72-72	1.25-1.27-1.26
1881 Va	16	15 M.	60-60-60	1.25-2.25-1.75
1881 Australia .	34	(a) M.	60-60-56	2.43-2.43-2.43
1881 Australia .	431	(a) (a)	(a)	2.19-2.68- —
1881 Br. India..	459	(a) (a)	(a)	.11- 24- —
1881 England ..	16	(a) M	53-55 —	1.48-1.60- —
1881 England ..	29	(a) (a)	(a)	k.14- .14- .14
1881 England ..	575	(a) M.	53-53-53	1.60-1.60-1.60
1881 France ...	16	(a) M.	(a)	1.16-1.39- —
1881 France....	17	(a) M.	(a)	.93-1.40- —

a Not reported.
b Applies to but 2 of the 6 wage quotations.
c Not including hours of 99 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 662 persons not reported.
f And board.
g And rent.
h Not including hours of 10 persons not reported.
i Applies to but 29 of the 33 wage quotations.
j Not including hours of 1 person not reported.
k Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 France	38	(a) (a)	(a)	0.58-0.58-0.58
1881 France	501	(a) M.	(a)	.56-1.54- —
1881 Germany	514	(a) (a)	(a)	.54- .65- —
1881 Gr't Brit	575	(a) M.	49-62 —	.81-1.72- —
1881 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1881 Scotland	29	(a) (a)	51-51-51	1.06-1.06-1.06
1881 Scotland	576	(a) M.	51-57 —	.85-1.28- —
1882 Cal	16	18 M.	54-60-57	3.00-3.50-3.42
1882 Conn	190	8 M.	60-66-61	2.17-2.75-2.49
1882 Ga	7	2 M.	72-72-72	1.50-1.50-1.50
1882 Ill	16	153 M.	60-60-60	2.00-2.50-2.32
1882 Ill	206	4346 M.	b 60-60-60	1.15-2.49-2.03
1882 La	16	32 M.	54-54-54	2.25-2.75-2.50
1882 Me	7	1 M.	66-66-66	1.50-1.50-1.50
1882 Md	16	85 M.	60-60-60	2.00-2.50-2.31
1882 Md	190	19 M.	60-60-60	1.67-2.75-2.50
1882 Mass	7	1 M.	59-59-59	2.00-2.00-2.00
1882 Mass	16	37 M.	60-60-60	2.00-2.50-2.36
1882 Mass	190	116 M.	60-60-60	1.35-3.00-1.99
1882 Minn	16	90 M.	60-60-60	2.25-2.50-2.35
1882 Mo	7	1 M.	59-59-59	2.50-2.50-2.50
1882 Mo	16	55 M.	48-48-48	2.80-2.80-2.80
1882 Mo	294	58 M.	60-60-60	1.67-3.25-2.71
1882 N. H	7	6 M.	66-66-66	1.75-2.10-1.98
1882 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1882 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1882 N. J	321	575 M.	c 60-72-63	2.00-2.50-2.14
1882 N. Y	2	168 M.	60-60-60	2.50-3.00-2.71
1882 N. Y	16	427 M.	54-60-56	2.50-3.50-3.38
1882 N. Y	190	270 M.	59-72-60	1.50-3.50-2.83
1882 N. C	7	2 M.	d 60-60-60	1.25-1.25-1.25
1882 Ohio	2	287 M.	60-60-60	2.10-2.50-2.37
1882 Ohio	16	185 M.	60-60-60	1.60-3.17-2.31
1882 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1882 Ohio	364	1178 (a)	e 54-75-60	1.25-3.00-1.91
1882 Pa	2	1024 M.	45-60-60	2.25-2.75-2.62
1882 Pa	7	3 M.	59-59-59	1.67-2.50-2.08
1882 Pa	16	174 M.	60-60-60	1.67-4.00-2.66
1882 Pa	190	92 M.	60-60-60	2.17-2.75-2.73
1882 Pa	387	13 M.	60-66-60	1.75-2.75-2.26
1882 R. I	7	1 M.	60-60-60	2.25-2.25-2.25
1882 R. I	190	26 M.	60-60-60	1.25-2.50-1.99
1882 S. C	7	6 M.	61-69-66	1.25-2.00-1.53
1882 Va	16	12 M.	60-60-60	1.25-2.25-1.77
1882 Belgium	16	(a) M.	66-66-66	.64- .99- —
1882 Belgium	36	(a) M.	70-70-70	.83- .83- .83
1882 Br. India	459	(a) (a)	(a)	.12- .30- —
1882 Canada	33	(a) (a)	f 60-60-60	1.75-2.00- —
1882 England	16	(a) M.	53-55 —	1.48-1.60- —
1882 England	33	(a) M.	(a)	1.34-1.42- —
1882 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1882 France	16	(a) M.	(a)	1.35-1.56- —
1882 France	17	(a) M.	(a)	1.05-1.45- —
1882 France	33	(a) M.	72-72-72	.94-1.16- —
1882 France	34	(a) (a)	66-66-66	.82- .82- .82
1882 France	502	(a) M.	(a)	.58-1.93- —
1882 France	523	(a) M.	60-60-60	1.54-1.73- —
1882 Germany	33	(a) (a)	60-76 —	.28- .68- —
1882 Germany	33	(a) (a)	g 60-72 —	h .12- .16- —
1882 Germany	71	(a) M.	54-78 —	.71- .71- .71
1882 Germany	174	(a) (a)	i 66-72 —	.40- .95- —
1882 Germany	554	(a) (a)	g 57-66 —	.40-1.07- —
1882 Germany	615	(a) M.	(a)	.48- .60- —
1882 Gr't Brit	575	(a) M.	49-62 —	0.81-1.72- —
1882 Italy	33	(a) M.	(a)	.34- .34- .34
1882 Madeira Is	174	(a) (a)	(a)	.75- .75- .75
1882 Russia	33	(a) M.	84-84-84	.50- .50- .50
1882 Scotland	16	(a) M.	51-51-51	1.21-1.21-1.21
1882 Scotland	37	(a) M.	51-51-51	1.06-1.06-1.06
1882 Scotland	576	(a) M.	51-57 —	.85-1.28- —
1882 Switzerl'd	632	(a) (a)	(a)	.68- .68- .68
1882 Venezuela	34	(a) M.	48-48-48	2.00-2.25- —
1882 Venezuela	39	(a) (a)	(a)	1.50-2.00- —
1883 Ala	7	2 M.	(a)	1.00-1.50-1.25
1883 Cal	16	20 M.	54-60-56	3.00-3.50-3.30
1883 Conn	2	16 M.	60-60-60	2.50-2.75-2.63
1883 Conn	190	26 M.	60-66-60	2.17-3.50-2.54
1883 Ga	7	7 M.	j 66-66-66	2.00-2.75-2.21
1883 Ill	16	160 M.	60-60-60	2.00-2.50-2.33
1883 La	16	41 M.	54-54-54	2.25-2.75-2.54
1883 Md	16	90 M.	60-60-60	2.00-2.50-2.29
1883 Md	190	41 M.	60-60-60	1.67-2.75-2.45
1883 Mass	16	27 M.	60-60-60	2.00-2.50-2.42
1883 Mass	190	140 M.	60-60-60	1.35-3.00-2.01
1883 Mass	273	720 M.	(a)	1.15-3.50-2.41
1883 Mich	277	1421 M.	(a)	.50-4.00-2.00
1883 Minn	16	100 M.	60-60-60	2.25-2.50-2.34
1883 Mo	16	65 M.	48-48-48	2.80-2.80-2.80
1883 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1883 N. J	7	1 M.	60-60-60	2.00-2.00-2.00
1883 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1883 N. J	322	681 M.	k 51-72-60	1.35-3.00-2.20
1883 N. Y	2	1768 M.	59-60-60	1.70-3.50-3.27
1883 N. Y	7	2 M.	59-59-59	2.00-2.00-2.00
1883 N. Y	16	338 M.	54-60-56	2.70-3.50-3.40
1883 N. Y	190	250 M.	59-72-60	1.25-3.50-2.64
1883 N. C	7	1 M.	(a)	1.00-1.00-1.00
1883 Ohio	7	1 M.	(a)	2.00-2.00-2.00
1883 Ohio	16	161 M.	60-60-60	1.50-3.25-2.46
1883 Ohio	190	3 M.	60-60-60	2.50-2.50-2.50
1883 Ohio	365	61 M.	l 59-60-60	1.50-3.00-2.22
1883 Pa	16	153 M.	60-60-60	1.67-4.00-2.65
1883 Pa	190	92 M.	60-60-60	2.17-2.75-2.73
1883 R. I	190	33 M.	60-60-60	1.25-3.00-2.11
1883 S. C	7	2 M.	70-72-71	1.25-1.25-1.25
1883 Tenn	7	3 M.	66-66-66	1.33-2.00-1.67
1883 Va	16	14 M.	60-60-60	1.50-2.50-1.95
1883 Australia	174	(a) (a)	(a)	2.19-2.43- —
1883 Belgium	16	(a) M.	n 66-66-66	.64-1.06- —
1883 Br. India	459	(a) (a)	(a)	.12- .24- —
1883 Colombia	42	(a) (a)	(a)	.80-2.00- —
1883 Ecuador	43	(a) (a)	60-60-60	1.50-2.00- —
1883 England	16	(a) M.	53-55 —	1.48-1.60- —
1883 England	43	(a) (a)	o 50-50-50	.97-1.46- —
1883 England	43	(a) (a)	(a)	p .16- .16- .16
1883 England	45	(a) M.	(a)	1.09-1.82- —
1883 England	572	(a) M.	q 50-60 —	1.00-1.62- —
1883 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1883 France	16	(a) M.	(a)	1.35-1.56- —
1883 France	17	(a) M.	(a)	1.05-1.35- —
1883 France	503	(a) M.	(a)	.58-1.74- —
1883 Germany	178	(a) M.	r 60-72 —	.18- .95- —
1883 Germany	178	(a) M.	72-72-72	s .12- .12- .12
1883 Germany	555	(a) (a)	48-66 —	.40-1.07- —
1883 Gr't Brit	273	(a) M.	(a)	.65-1.72- —
1883 Gr't Brit	575	(a) M.	49-61 —	.81-1.62- —

a Not reported.
b Not including hours of 4,331 persons not reported.
c Not including hours of 506 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 520 persons not reported.
f Applies to but 1 of the 3 wage quotations.
g Applies to but 5 of the 6 wage quotations.
h And board and lodging.
i Applies to but 4 of the 6 wage quotations.
j Not including hours of 6 persons not reported.
k Not including hours of 533 persons not reported.
l Not including hours of 3 persons not reported.
n Applies to but 1 of the 2 wage quotations.
o Applies to but 2 of the 7 wage quotations.
p Per hour.
q Applies to but 27 of the 28 wage quotations.
r Applies to but 36 of the 38 wage quotations.
s And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Ireland	43	(a)	(a)	(a)	0.97-3.33- —
1883 Ireland	572	(a)	M.	54-54-54	1.14-1.46- —
1883 Japan	642	(a)	M.	(a)	b.22- .48- —
1883 Malta	178	(a)	M.	(a)	.50- .73- —
1883 Russia	44	(a)	(a)	(a)	.58- .84- —
1883 Scotland	16	(a)	M.	51-51-51	1.30-1.30-1.30
1883 Scotland	572	(a)	M.	51-60 —	1.12-1.42- —
1883 Scotland	576	(a)	M.	51-60 —	.85-1.37- —
1883 Wales	43	(a)	(a)	c54-54 54	1.10-1.28- —
1883 Wales	572	(a)	(a)	54-54-54	1.37-1.37-1.37
1884 Cal.	16	31	M.	54-60-56	3.00-3.50-3.30
1884 Cal.	192	257	M.	60-60-60	2.00-3.50-2.68
1884 Conn.	190	23	M.	60-66-60	2.17-3.75-2.53
1884 Ga.	7	5	M.	66-70-68	1.25-2.50-1.95
1884 Ill.	2	4015	M.	59-60-60	2.50-3.00-2.75
1884 Ill.	16	139	M.	60-60-60	2.20-2.50-2.40
1884 Ill.	207	5	M.	(a)	2.00-3.00-2.38
1884 Ind.	7	2	M.	(a)	1.75-2.25-2.00
1884 Iowa	231	172	M.	d57-72-61	1.00-4.00-2.40
1884 La.	2	800	M.	60-60-60	2.25-2.25-2.25
1884 La.	7	2	M.	63-66-65	2.50-2.50-2.50
1884 La.	16	43	M.	54-54-54	2.00-2.75-2.46
1884 Md.	16	75	M.	60-60-60	2.25-2.50-2.40
1884 Md.	190	16	M.	60-60-60	2.00-2.75-2.53
1884 Mass.	7	1	M.	60-60-60	2.25-2.25-2.25
1884 Mass.	16	37	M.	60-60-60	2.00-2.50-2.41
1884 Mass.	190	131	M.	60-60-60	1.35-3.00-1.99
1884 Mich.	278	1384	M.	(a)	.46-5.75-1.84
1884 Minn.	16	100	M.	60-60-60	2.25-2.50-2.34
1884 Mo.	7	2	M.	e60-60-60	1.67-2.00-1.84
1884 Mo.	16	75	M.	48-48-48	2.80-2.80-2.80
1884 Mo.	295	27	M.	d48-60-60	2.00-3.00-2.70
1884 N. H.	190	1	M.	72-72-72	2.00-2.00-2.00
1884 N. J.	190	1	M.	60-60-60	2.67-2.67-2.67
1884 N. J.	323	1385	M.	f42-60-59	1.20-3.00-2.28
1884 N. Y.	2	3303	M.	54-60-57	2.13-3.25-2.99
1884 N. Y.	16	384	M.	54-60-55	2.75-3.50-3.40
1884 N. Y.	190	221	M.	e59-72-60	1.66-3.50-2.73
1884 Ohio	7	4	M.	54-60-58	1.75-2.50-2.19
1884 Ohio	16	149	M.	60-60-60	1.60-3.25-2.49
1884 Ohio	190	1	M.	60-60-60	2.50-2.50-2.50
1884 Ohio	366	19	M.	60-60-60	2.31-2.31-2.31
1884 Ohio	367	122	M.	(a)	1.50-2.67-2.08
1884 Pa.	7	1	M.	60-60-60	2.00-2.00-2.00
1884 Pa.	16	176	M.	60-60-60	2.00-4.00-2.70
1884 Pa.	190	109	M.	60-60-60	2.00-2.75-2.70
1884 Pa.	388	3009	M.	(a)	1.50-2.75-1.90
1884 R. I.	190	39	M.	60-60-60	1.25-3.00-2.24
1884 S. C.	7	6	M.	g69-69-69	1.25-2.00-1.63
1884 Tenn.	7	1	M.	66-66-66	2.00-2.00-2.00
1884 Va.	7	3	M.	55-55-55	2.50-2.50-2.50
1884 Va.	16	22	M.	60-60-60	1.50-2.50-1.94
1884 Wis.	407	52	M.	(a)	2.33-2.33-2.33
1884 Australia	178	(a)	(a)	48-48-48	1.70-3.25- —
1884 Aust-Hun.	178	(a)	M.	54-72 —	.32-2.67- —
1884 Aust-Hun.	178	(a)	M.	63-63-63	h.47- .80- —
1884 Azores	178	(a)	M.	(a)	0.43-0.63- —
1884 Bahamas	178	(a)	M.	(a)	.72-1.25- —
1884 Belgium	16	(a)	M.	i66-66-66	.60-1.06- —
1884 Belgium	178	(a)	M.	j60-72 —	.38-1.14- —
1884 Brazil	178	(a)	M.	k60-66 —	.63-2.50- —
1884 Br. Guiana	178	(a)	(a)	54-54-54	.80-1.08- —
1884 Br. Guiana	178	(a)	(a)	(a)	l.80-1.20- —
1884 Br. Hond.	178	(a)	(a)	54-54-54	.75-1.60- —
1884 Br. India	459	(a)	(a)	(a)	.11- .23- —
1884 Canada	178	(a)	M.	m54-60 —	1.00-3.00- —
1884 Canada	466	(a)	M.	58-60 —	1.52-1.73- —
1884 C. of G'd H.	178	(a)	(a)	n60-60-60	1.17-2.20- —
1884 C. of G'd H.	483	(a)	(a)	(a)	1.22-4.46- —
1884 Ceylon	178	(a)	(a)	o53-58 —	.20-4.17- —
1884 China	178	(a)	M.	60-60-60	.31- .38- —
1884 Colombia	178	(a)	(a)	60-72 —	.99-2.01- —
1884 Cuba	178	(a)	M.	p59-59-59	1.14-5.50- —
1884 Cuba	178	(a)	M.	60-60-60	b1.03-1.03-1.03
1884 Denmark	178	(a)	M.	60-60-60	.48-1.56- —
1884 Ecuador	178	(a)	M.	60-60-60	1.50-2.00- —
1884 England	16	(a)	M.	53-55 —	1.48-1.60- —
1884 England	178	(a)	M.	q48-60 —	.65-1.54- —
1884 England	178	(a)	M.	(a)	r.12- .18½- —
1884 England	575	(a)	M.	53-53-53	1.60-1.60-1.60
1884 Falkl'd Is.	178	(a)	M.	(a)	r.24- .48- —
1884 France	16	(a)	M.	(a)	1.35-1.56- —
1884 France	17	(a)	M.	(a)	1.04-1.35- —
1884 France	178	(a)	M.	s60-72 —	.58-1.35- —
1884 France	504	(a)	M.	(a)	.60-1.74- —
1884 Germany	178	(a)	M.	t54-78 --	.36-1.65- —
1884 Germany	178	(a)	M.	(a)	u.18- .30- —
1884 Germany	556	(a)	(a)	48-66 —	.48-1.19- —
1884 Germany	55¢	(a)	(a)	(a)	r.08½-.10- —
1884 Gibraltar	178	(a)	M.	56-56-56	.83-1.17- —
1884 Gr't Brit	575	(a)	M.	49-61 —	.81-1.62- —
1884 Hawai. Is.	178	(a)	(a)	n54-54-54	2.50-4.50- —
1884 Ireland	178	(a)	M.	v54-60 —	.81-1.46- —
1884 Italy	178	(a)	M.	w42-72 —	.19-1.14- —
1884 Japan	184	(a)	M.	(a)	.20- .20- .20
1884 Madeira Is	178	(a)	M.	54-54-54	.75- .75- .75
1884 Malta	178	(a)	M.	x54-60 —	.24- .97- —
1884 Mexico	178	(a)	(a)	y60-60-60	.43-6.00- —
1884 Morocco	178	(a)	(a)	60-72 —	.50-1.50- —
1884 Netherl'ds	178	(a)	M.	60-68 —	63- .93- —
1884 Netherl'ds	184	(a)	(a)	(a)	r.06- .06- .06
1884 N. Zealand	178	(a)	(a)	60-60-60	1.70-2.92- —
1884 Persia	178	(a)	(a)	(a)	.16-1.61- —
1884 Peru	178	(a)	M.	z54-54-54	1.48-3.16- —
1884 Philip. Is.	178	(a)	M.	(a)	.75-1.00- —
1884 Portugal	178	(a)	M.	(a)	.60- .75- —
1884 Russia	178	(a)	M.	aa60-75 -	.15-1.50- —
1884 S. Domingo	178	(a)	(a)	60-60-60	1.00-2.00- —
1884 Scotland	16	(a)	M.	51-51-51	1.30-1.30-1.30
1884 Scotland	178	(a)	M.	bb45-51 -	.85-1.29- —
1884 Scotland	576	(a)	M.	51-57 —	.85-1.37- —
1884 S'ra Leone	178	(a)	M.	48-48-48	.42- .84- —

a Not reported.
b And board.
c Applies to but 1 of the 3 wage quotations.
d Not including hours of 2 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 198 persons not reported.
g Not including hours of 4 persons not reported.
h And rent.
i Applies to but 1 of the 2 wage quotations.
j Applies to but 7 of the 9 wage quotations.
k Applies to but 4 of the 8 wage quotations.
l And lodging.
m Applies to but 45 of the 58 wage quotations.
n Applies to but 2 of the 4 wage quotations.
o Applies to but 6 of the 8 wage quotations.
p Applies to but 6 of the 11 wage quotations.
q Applies to but 33 of the 56 wage quotations.
r Per hour.
s Applies to but 14 of the 15 wage quotations.
t Applies to but 74 of the 99 wage quotations.
u And board and lodging.
v Applies to but 8 of the 12 wage quotations.
w Applies to but 24 of the 45 wage quotations.
x Applies to but 6 of the 10 wage quotations.
y Applies to but 12 of the 18 wage quotations.
z Applies to but 3 of the 5 wage quotations.
aa Applies to but 11 of the 13 wage quotations.
bb Applies to but 9 of the 12 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Spain	178	(a) M.	b54-72 —	0.38-1.38- —
1884 Switzerl'd.	178	(a) M.	c60-66 —	.54-1.26- —
1884 Tunis	178	(a) M.	(a)	.97- .97- .97
1884 Turkey	178	(a) M.	(a)	.79-1.32- —
1884 Turk. in A	178	(a) (a)	d60-72 —	.32-2.40- —
1884 Venezuela	178	(a) (a)	e60-60-60	.58-2.50- —
1884 Wales	178	(a) M.	f54-54-54	.97-1.38- —
1885 Cal	1	18 M.	60-60-60	2.25-3.50-3.07
1885 Cal	16	33 M.	54-60-55	3.00-3.50-3.14
1885 Conn	1	3 M.	66-69-67	1.50-2.00-1.75
1885 Conn	7	14 M.	60-60-60	1.50-2.80-2.02
1885 Conn	190	22 M.	60-66-60	2.17-3.75-2.59
1885 Del	1	4 M.	60-60-60	1.50-2.25-1.81
1885 D. C	2	11 M.	60-60-60	3.00-3.00-3.00
1885 Ga	1	9 M.	69-69-69	.90-1.25-1.17
1885 Ill	1	111 M.	60-72-60	1.50-4.00-2.13
1885 Ill	7	4 M.	(a)	2.00-3.00-2.38
1885 Ill	16	202 M.	60-60-60	2.20-2.50-2.36
1885 Ind	1	56 M.	60-66-60	1.50-2.50-2.22
1885 Iowa	231	10 M.	57-57-57	2.25-2.25-2.25
1885 Kans	239	34 M.	48-60-57	1.36-3.00-2.13
1885 Ky	1	1 M.	60-60-60	1.65-1.65-1.65
1885 La	16	29 M.	54-54-54	2.25-2.75-2.51
1885 Me	1	22 M.	66-66-66	1.68-2.25-1.83
1885 Me	7	34 M.	g64-66-64	1.25-3.00-1.98
1885 Md	1	16 M.	66-72-67	1.50-2.50-1.73
1885 Md	7	2 M.	h54-54-54	1.67-2.08-1.88
1885 Md	16	72 M.	60-60-60	2.25-2.50-2.42
1885 Md	190	12 M.	60-60-60	2.00-2.75-2.52
1885 Mass	1	44 M.	i60-60-60	1.25-3.00-1.74
1885 Mass	7	5 M.	60-60-60	1.75-3.00-2.15
1885 Mass	16	34 M.	60-60-60	2.00-2.75-2.42
1885 Mass	190	141 M.	60-60-60	1.35-3.00-1.92
1885 Mich	279	607 M.	j66-66-66	1.30-3.07-2.01
1885 Minn	16	99 M.	60-60-60	2.25-2.50-2.34
1885 Mo	1	19 M.	48-60-51	1.50-2.50-2.13
1885 Mo	16	65 M.	48-48-48	2.80-2.80-2.80
1885 Mo	296	210 M.	k48-60-59	1.76-3.00-1.90
1885 N. H	1	7 M.	60-66-63	1.60-2.37-2.04
1885 N. H	7	24 M.	l59-66-63	1.05-2.83-1.95
1885 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1885 N. J	1	2 M.	66-66-66	2.78-2.78-2.78
1885 N. J	7	6 M.	55-60-59	2.00-2.50-2.23
1885 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1885 N. J	324	449 M.	n42-60-59	1.25-3.33-2.37
1885 N. Y	1	116 M.	60-72-63	1.00-2.75-2.02
1885 N. Y	2	170 M.	54-60-59	2.50-3.50-3.31
1885 N. Y	7	8 M.	o59-60-60	1.50-2.50-2.24
1885 N. Y	16	404 M.	54-60-55	2.50-3.50-3.39
1885 N. Y	190	220 M.	59-72-60	1.50-3.50-2.71
1885 N. Y	331	84 M.	59-59-59	2.46-3.25-2.51
1885 N. C	1	30 M.	60-69-61	.75-2.25-1.50
1885 N. C	7	1 M.	66-66-66	1.50-1.50-1.50
1885 Ohio	1	76 M.	60-72-63	1.30-2.50-1.82
1885 Ohio	7	1 M.	(a)	2.00-2.00-2.00
1885 Ohio	16	162 M.	60-60-60	1.50-3.25-2.32
1885 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1885 Ohio	367	105 M.	(a)	1.50-2.50-1.90
1885 Pa	1	74 M.	48-72-61	1.95-2.75-2.30
1885 Pa	7	7 M.	60-60-60	2.00-2.50-2.25
1885 Pa	16	89 M.	60-60-60	1.75-4.00-2.65
1885 Pa	190	99 M.	60-60-60	2.00-2.75-2.70
1885 Pa	389	4147 M.	p60-60-60	1.76-2.25-1.81
1885 R. I	190	45 M.	60-60-60	1.25-3.00-2.14
1885 Tenn	1	3 M.	60-60-60	1.58-1.58-1.58
1885 Vt	1	9 M.	66-66-66	1.92-2.00-1.93
1885 Va	1	72 M.	48-72-60	1.35-2.33-1.93
1885 Va	16	12 M.	60-60-60	1.50-2.50-1.90
1885 W. Va	1	13 M.	60-66-60	1.50-2.00-1.87
1885 Wis	7	6 M.	60-60-60	2.00-2.00-2.00
1885 Wis	408	6 M.	60-60-60	1.85-2.67-2.20
1885 Australia	431	(a) (a)	(a)	2.43-2.92- —
1885 Aust-Hun.	632	(a) M.	(a)	.63- .63- .63
1885 Barbadoes	175	(a) (a)	(a)	.48- .60- —
1885 Belgium	1	(a) M.	72-72-72	.60- .60- .60
1885 Belgium	16	(a) M.	q66-66-66	.43-1.06- —
1885 Belgium	456	(a) (a)	(a)	.43- .43- .43
1885 Br. India	459	(a) (a)	(a)	.11- .26- —
1885 Canada	460	(a) (a)	60-60-60	1.25-3.75- —
1885 Canada	467	(a) M.	59-59-59	1.74-1.76- —
1885 Chile	184	(a) M.	(a)	1.56-2.08- —
1885 Ecuador	54	(a) (a)	(a)	.24- .24- .24
1885 England	16	(a) M.	53-55 —	1.48-1.60- —
1885 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1885 France	16	(a) M.	(a)	1.35-1.56- —
1885 France	17	(a) M.	(a)	.98-1.35- —
1885 France	494	(a) M.	(a)	.69-1.64- —
1885 Germany	1	(a) M.	72-72-72	.68- .88- —
1885 Germany	71	(a) M.	54-78 —	.80- .83- —
1885 Germany	547	(a) M.	(a)	.54-1.43- —
1885 Gr't Brit	1	(a) M.	72-72-72	1.04-1.04-1.04
1885 Gr't Brit	575	(a) M.	49-61 —	.81-1.62- —
1885 Japan	643	(a) M.	(a)	r .19- .49- —
1885 N. Zealand	68	(a) M.	(a)	1.95-3.41- —
1885 Norway	686	(a) M.	(a)	.58- .65- —
1885 Scotland	16	(a) M.	51-51-51	1.30-1.30-1.30
1885 Scotland	576	(a) M.	51-57 —	.85-1.44- —
1885 Scotland	632	(a) M.	(a)	s.12½-.12½-.12½
1885 Switzerl'd.	184	(a) (a)	(a)	.60- .76- —
1885 Switzerl'd.	709	(a) (a)	66-66-66	.74- .74- .74
1886 Cal	16	22 M.	54-60-56	2.75-3.50-3.02
1886 Cal	193	1500 M.	t48-60-60	2.00-5.00-3.05
1886 Cal	193	25 M.	60-60-60	r2.49-2.49-2.49
1886 Conn	2	72 M.	58-60-60	2.32-2.50-2.48
1886 Conn	190	27 M.	54-60-54	2.17-3.38-2.47
1886 Conn	201	2 M.	(a)	1.25-2.00-1.63
1886 D. C	2	2600 M.	53-58-55	3.00-3.00-3.00
1886 Ill	2	4650 M.	48-60-55	1.75-2.50-2.19
1886 Ill	7	7 M.	54-60-58	2.00-3.00-2.43
1886 Ill	16	182 M.	60-60-60	2.00-2.75-2.44
1886 Ill	208	398 M.	48-60-58	1.50-2.75-1.93
1886 Iowa	232	682 M.	u54-69-60	1.00-5.00-2.26
1886 Kans	240	106 M.	v48-60-60	1.50-3.00-2.29
1886 Kans	241	2 M.	(a)	2.00-2.00-2.00
1886 La	16	25 M.	54-54-54	2.25-2.75-2.51
1886 Md	2	2000 M.	54-60-57	2.50-2.50-2.50
1886 Md	16	60 M.	54-54-54	2.25-2.50-2.40
1886 Md	190	18 M.	54-60-54	2.00-2.75-2.54
1886 Mass	2	60 M.	59-59-59	2.40-2.40-2.40
1886 Mass	16	25 M.	54-60-59	2.00-2.52-2.46
1886 Mass	190	205 M.	60-66-60	1.35-3.00-2.06
1886 Mich	7	1 M.	60-60-60	1.67-1.67-1.67

a Not reported.
b Applies to but 23 of the 26 wage quotations.
c Applies to but 16 of the 26 wage quotations.
d Applies to but 9 of the 11 wage quotations.
e Applies to but 2 of the 6 wage quotations.
f Applies to but 5 of the 7 wage quotations.
g Not including hours of 31 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 5 persons not reported.
j Not including hours of 593 persons not reported.
k Not including hours of 196 persons not reported.
l Not including hours of 13 persons not reported.
n Not including hours of 12 persons not reported.
o Not including hours of 2 persons not reported.
p Not including hours of 2,140 persons not reported.
q Applies to but 1 of the 2 wage quotations.
r And board.
s Per hour.
t Not including hours of 185 persons not reported.
u Not including hours of 338 persons not reported.
v Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Minn	2	3000 M.	60-60-60	2.00-2.25-2.13
1886 Minn	16	95 M.	60-60-60	2.25-2.50-2.34
1886 Mo	2	45 M.	60-60-60	2.60-2.60-2.60
1886 Mo	16	65 M.	48-48-48	2.80-2.80-2.80
1886 N. H	7	16 M.	60-60-60	1.50-1.90-1.69
1886 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1886 N. J	2	3246 M.	54-59-57	2.60-2.75-2.60
1886 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1886 N. J	325	89 M.	54-66-60	1.50-3.25-2.33
1886 N. Y	2	5385 M.	48-60-55	2.00-3.50-2.53
1886 N. Y	7	3 M.	54-60-58	2.00-2.50-2.33
1886 N. Y	16	412 M.	54-60-55	2.50-3.50-3.38
1886 N. Y	190	220 M.	60-72-60	1.67-3.50-2.66
1886 N. Y	331	3215 M.	a51-60-54	2.00-4.16-3.30
1886 N. C	8	2 M.	60-60-60	1.50-1.50-1.50
1886 Ohio	2	385 M.	48-60-59	2.12-2.80-2.51
1886 Ohio	16	173 M.	60-60-60	1.35-3.25-2.25
1886 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1886 Ohio	368	31 M.	(b)	1.06-3.80-1.86
1886 Pa	2	2369 M.	54-60-57	2.25-2.75-2.44
1886 Pa	7	18 M.	c57-60-60	1.75-2.75-2.32
1886 Pa	16	106 M.	54-60-57	1.75-3.60-2.60
1886 Pa	190	71 M.	54-60-57	2.00-2.75-2.67
1886 R. I	7	6 M.	60-60-60	1.83-2.50-2.15
1886 R. I	190	50 M.	60-60-60	1.25-3.00-2.22
1886 Vt	7	1 M.	66-66-66	2.50-2.50-2.50
1886 Va	16	9 M.	60-60-60	1.50-2.50-1.78
1886 Argentina	57	(b) M.	d60-60-60	1.20-4.00- —
1886 Australia	184	(b) M.	(b)	1.62-2.92- —
1886 Australia	432	(b) M.	(b)	1.83-1.83-1.83
1886 Aust-Hun	60	(b) (b)	(b)	.37- .52- —
1886 Aust-Hun	632	(b) M.	(b)	.61- .61- .61
1886 Belgium	16	(b) M.	e66-66-66	.53-1.06- —
1886 Belgium	456	(b) (b)	f72-72-72	.48- .97- —
1886 Belgium	456	(b) (b)	(b)	g.04- .07- —
1886 Bolivia	57	(b) M.	(b)	.75-6.00- —
1886 Br. India	459	(b) (b)	(b)	.11- .22- —
1886 Canada	66	(b) M.	60-60-60	1.75-1.75-1.75
1886 Canada	73	(b) M.	(b)	1.50-2.50- —
1886 Canada	461	(b) M.	60-60-60	1.25-3.50- —
1886 Canada	468	(b) M.	55-58 —	1.50-1.79- —
1886 C. of G'd H.	483	(b) (b)	(b)	.97-3.65- —
1886 Chile	64	(b) M.	66-66-66	1.50-1.50-1.50
1886 Colombia	184	(b) (b)	(b)	.68- .68- .68
1886 Costa Rica	184	(b) M.	(b)	1.96-1.96-1.96
1886 Cuba	175	(b) (b)	(b)	1.30-1.30-1.30
1886 England	16	(b) M.	53-55 —	1.48-1.60- —
1886 England	575	(b) M.	53-53-53	1.60-1.60-1.60
1886 England	602	(b) M.	(b)	.90-1.14- —
1886 England	603	(b) M.	(b)	1.12-1.50- —
1886 England	604	(b) M.	h54-54-54	.79-1.64- —
1886 France	16	(b) M.	(b)	1.35-1.56- —
1886 France	17	(b) M.	(b)	1.02-1.35- —
1886 France	66	(b) M.	(b)	.89- .89- .89
1886 France	495	(b) M.	(b)	.69-1.64- —
1886 Germany	175	(b) (b)	(b)	.50-1.25- —
1886 Germany	548	(b) (b)	(b)	.71-1.40- —
1886 Gr't Brit	575	(b) M.	49-61 —	.81-1.72- —
1886 Gr't Brit	602	(b) M.	(b)	.94-1.02- —
1886 Gr't Brit	604	(b) M.	(b)	.96-1.37- —
1886 Ireland	604	(b) M.	e54-54-54	.97-1.34- —
1886 Japan	644	(b) M.	(b)	i.19- .41- —
1886 Mexico	63	(b) M.	72-72-72	2.00-2.00-2.00
1886 Netherl'ds	456	(b) (b)	(b)	0.68-0.68-0.68
1886 Scotland	16	(b) M.	(b)	51-51-51 1.30-1.30-1.30
1886 Scotland	67	(b) M.	(b)	56-56-56 1.01-1.01-1.01
1886 Scotland	576	(b) M.	(b)	51-57 — .85-1.44- —
1886 Scotland	602	(b) M.	(b)	.92- .95- —
1886 Scotland	603	(b) M.	(b)	1.22-1.22-1.22
1886 Scotland	604	(b) M.	j51-54 —	.89-1.45- —
1886 Spain	66	(b) M.	(b)	.89- .89- .89
1886 Spain	67	(b) M.	(b)	.55- .55- .55
1886 Wales	602	(b) M.	(b)	.96- .96- .96
1887 Cal	16	24 M.	54-60-56	3.00-3.50-3.24
1887 Conn	4	384 M.	(b)	1.00-3.35-2.20
1887 Conn	190	21 M.	54-60-55	2.00-3.38-2.54
1887 Conn	202	186 M.	(b)	.92-2.85-2.28
1887 Del	4	43 M.	(b)	g.12½-.22½-.20
1887 Fla	4	62 M.	(b)	1.25-3.00-2.05
1887 Ill	16	165 M.	60-60-60	2.20-2.75-2.48
1887 Ill	298	260 (b)	(b)	2.08-2.08-2.08
1887 Kans	241	519 M.	k48-60-57	1.50-3.00-2.36
1887 Kans	242	3 M.	(b)	1.65-2.00-1.88
1887 La	16	25 M.	54-54-54	2.25-2.75-2.51
1887 Me	4	5 M.	(b)	1.50-2.25-1.68
1887 Me	253	4 M.	60-60-60	1.50-2.50-1.81
1887 Md	4	1858 M.	l60-60-60	1.20-3.00-1.86
1887 Md	4	36 M.	(b)	g.20- .25- .23
1887 Md	16	130 M.	54-54-54	2.25-2.50-2.41
1887 Md	190	15 M.	54-60-54	2.00-2.75-2.50
1887 Mass	4	659 M.	(b)	1.00-3 50-2.07
1887 Mass	16	28 M.	54-59-58	2.25-2.52-2.40
1887 Mass	190	144 M.	60-60-60	1.35-3.00-1.96
1887 Mich	4	269 M.	n60-60-60	1.25-3.50-1.95
1887 Mich	4	17 M.	(b)	g.15-.21½-.18½
1887 Minn	16	98 M.	60-60-60	2.25-2.50-2.34
1887 Mo	4	634 M.	(b)	1.25-3.26-2.29
1887 Mo	16	35 M.	48-48-48	2.40-2.40-2.40
1887 Mo	297	24 M.	60-72-68	1.67-2.75-2.59
1887 Mo	298	683 (b)	(b)	1.87-2.64-2.56
1887 Nebr	312	625 (b)	54-60-58	1.50-4.79-2.34
1887 N. H	4	5 M.	(b)	1.50-2.75-2.25
1887 N. H	6	2 M.	(b)	2.10-2.10-2.10
1887 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1887 N. J	4	630 M.	(b)	1.30-3.00-1.89
1887 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1887 N. Y	4	1247 M.	(b)	1.25-3.25-1.91
1887 N. Y	7	1 M.	60-60-60	2.25-2.25-2.25
1887 N. Y	16	377 M.	54-60-55	2.75-3.50-3.38
1887 N. Y	190	180 M.	59-72-60	1.67-3.50-2.62
1887 N. Y	331	149 M.	o53-59-54	2.21-3.50-2.95
1887 N. C	4	3 M.	(b)	1.25-1.75-1.50
1887 N. C	342	98 M.	p60-72-64	1.00-2.75-1.47
1887 Ohio	16	155 M.	60-60-60	1.40-3.25-2.26
1887 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1887 Ohio	369	9414 M.	54-72-59	1.00-3.00-2.07
1887 Oregon	4	189 M.	(b)	2.00-4.00-2.99
1887 Pa	4	1500 M.	q60-60-60	1.00-3 00-2.03
1887 Pa	4	201 M.	(b)	g.15- .25- 19
1887 Pa	16	140 M.	54-60-55	1.90-3.60-2.61
1887 Pa	190	96 M.	54-60-54	1.67-2 97-2.70
1887 Pa	390	21 M.	r60-60-60	2.00-2.50-2 24
1887 R. I	4	96 M.	(b)	1.50-2.68-2.26
1887 R. I	190	49 M.	60-60-60	1.50-3.00-2.21
1887 Va	4	349 M.	(b)	1.00-2.50-1.76
1887 Va	16	7 M.	54-54-54	1.50-2.50-1.75

a Not including hours of 243 persons not reported.
b Not reported.
c Not including hours of 3 persons not reported.
d Applies to but 2 of the 8 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 1 of the 16 wage quotations.
g Per hour.
h Applies to but 6 of the 23 wage quotations.
i And board.
j Applies to but 2 of the 7 wage quotations.
k Not including hours of 38 persons not reported.
l Not including hours of 1,857 persons not reported.
n Not including hours of 65 persons not reported.
o Not including hours of 5 persons not reported.
p Not including hours of 1 person not reported.
q Not including hours of 1,377 persons not reported.
r Not including hours of 17 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	W. Va	4	18 M.	(a)	1.15-2.25-1.65
1887	Wis	4	320 M.	(a)	1.25-2.75-2.05
1887	Wis	409	978 M.	(a)	1.25-3.50-2.00
1887	Wis	409	1 M.	(a)	b1.35-1.35-1.35
1887	Australia	420	(a) (a)	48-48-48	2.19-2.43- —
1887	Australia	573	(a) (a)	45-54 —	1.95-3.24- —
1887	Aust-Hun	632	(a) M.	(a)	.60- .63- —
1887	Belgium	16	(a) M.	c66-66-66	.53-1.06- —
1887	Belgium	598	(a) (a)	(a)	d.04- .05- —
1887	Br. India	459	(a) (a)	(a)	.11- .21- —
1887	Canada	469	(a) M.	53-54 —	1.64-1.71- —
1887	Canada	573	(a) (a)	50-60 —	1.75-2.22- —
1887	C. of G'd H.	483	(a) (a)	(a)	.85-2.43- —
1887	C. of G'd H.	573	(a) (a)	57-57-57	1.95-1.95-1.95
1887	England	16	(a) M.	53-55 —	1.48-1.60- —
1887	England	573	(a) (a)	49-61 —	.81-1.72- —
1887	England	575	(a) M.	53-53-53	1.60-1.60-1.60
1887	England	622	(a) M.	(a)	1.25-1.25-1.25
1887	France	16	(a) M.	(a)	1.35-1.56- —
1887	France	17	(a) M.	(a)	.78-1.35- —
1887	France	495	(a) M.	(a)	.69-1.64- —
1887	Germany	6	(a) M.	(a)	.57- .72- —
1887	Germany	75	(a) M.	(a)	.56- .83- —
1887	Germany	557	(a) M.	e60-72 —	.71-1.27- —
1887	Germany	557	(a) (a)	f36-66 —	.60-1.79- —
1887	Germany	557	(a) (a)	(a)	d.10½-.12- —
1887	Germany	615	(a) M.	(a)	d.09- .09- .09
1887	Gr't Brit	575	(a) M.	49-61 —	.81-1.72- —
1887	Ireland	573	(a) (a)	54-62 —	.89-1.38- —
1887	Japan	645	(a) M.	(a)	b.16- .39- —
1887	Natal	573	(a) (a)	48-48-48	2.19-2.43- —
1887	Netherl'ds	598	(a) (a)	60-60-60	.71- .71- .71
1887	N. Zealand	573	(a) (a)	44-48 —	1.95-2.43- —
1887	Scotland	16	(a) M.	51-51-51	1.30-1.30-1.30
1887	Scotland	573	(a) (a)	51-54 —	1.03-1.29- —
1887	Scotland	576	(a) M.	51-57 —	.85-1.44- —
1887	Scotland	632	(a) M.	51-51-51	1.21-1.21-1.21
1887	Switzerl'd	709	(a) (a)	63-63-63	.64- .73- —
1887	Wales	573	(a) (a)	54-60 —	.97-1.37- —
1888	Cal	16	27 M.	54-60-56	3.00-3.50-3.25
1888	Colo	198	203 M.	g60-60-60	1.92-5.50-2.55
1888	Conn	6	2 M.	(a)	2.25-2.25-2.25
1888	Conn	190	26 M.	54-60-54	2.00-3.38-2.58
1888	Del	6	2 M.	(a)	2.00-2.25-2.13
1888	Ga	6	14 M.	66-66-66	1.50-2.25-1.73
1888	Ill	5	6 M.	h60-60-60	2.00-2.75-2.42
1888	Ill	16	179 M.	60-60-60	2.20-2.75-2.47
1888	Ind	5	1 M.	(a)	1.88-1.88-1.88
1888	Ind	225	2852 M.	i54-60-59	1.46-2.88-2.08
1888	Iowa	233	1116 M.	j54-62-59	1.80-2.68-2.23
1888	Kans	242	845 M.	k57-60-58	1.75-2.86-2.41
1888	Kans	243	4 M.	(a)	2.63-2.63-2.63
1888	La	16	31 M.	54-54-54	2.25-2.75-2.51
1888	Me	254	5 M.	60-60-60	1.75-2.00-1.90
1888	Md	16	90 M.	54-54-54	2.25-2.50-2.42
1888	Md	190	15 M.	54-60-54	2.00-2.75-2.50
1888	Mass	6	1 M.	60-60-60	2.50-2.50-2.50
1888	Mass	16	36 M.	54-59-58	2.00-2.52-2.47
1888	Mass	190	99 M.	60-60-60	1.35-3.00-1.91
1888	Mich	280	99 M.	60-66-60	1.00-4.22-2.09
1888	Minn	16	95 M.	60-60-60	2.25-2.50-2.34
1888	Mo	16	75 M.	48-48-48	2.40-2.40-2.40
1888	Mo	298	764 (a)	(a)	1.92-2.68-2.37
1888	N. H	6	1 M.	(a)	1.50-1.50-1.50
1888	N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1888	N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1888	N. J	326	113 M.	l48-60-57	1.67-3.00-2.24
1888	N. Y	5	1 M.	60-60-60	1.35-1.35-1.35
1888	N. Y	6	33 M.	m60-60-60	1.75-2.50-2.01
1888	N. Y	16	438 M.	48-60-49	3.00-3.50-3.38
1888	N. Y	190	192 M.	54-72-57	1.67-3.50-2.85
1888	N. Y	331	2563 M.	o45-72-58	1.00-4.16-2.56
1888	N. Y	331	2 M.	(a)	d.30- .30- .30
1888	N. Y	331	2 M.	66-66-66	p1.50-1.50-1.50
1888	N. C	6	1 M.	(a)	2.00-2.00-2.00
1888	N. C	343	192 M.	q57-72-65	.75-2.50-1.44
1888	Ohio	5	1 M.	60-60-60	2.40-2.40-2.40
1888	Ohio	16	212 M.	60-60-60	1.40-3.25-2.28
1888	Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1888	Ohio	370	(r) M.	s54-60-60	1.10-2.68-2.11
1888	Pa	5	12 M.	t60-60-60	1.00-2.50-1.83
1888	Pa	16	229 M.	54-60-55	1.90-3.60-2.66
1888	Pa	190	209 M.	54-60-54	1.67-2.97-2.71
1888	R. I	6	9 M.	u60-60-60	2.00-2.75-2.11
1888	R. I	190	47 M.	60-60-60	1.25-3.25-2.26
1888	R. I	397	44 M.	(a)	1.00-3.00-2.30
1888	S. C	6	14 M.	q66-66-66	.75-1.75-1.13
1888	Tenn	5	1 M.	(a)	1.50-1.50-1.50
1888	Va	5	11 M.	h60-72-66	1.25-2.00-1.72
1888	Va	6	2 M.	(a)	1.00-1.50-1.25
1888	Va	16	7 M.	54-54-54	1.50-2.25-1.97
1888	W. Va	5	2 M.	60-63-62	2.40-2.40-2.40
1888	Australia	83	(a) (a)	(a)	v1.04-1.12- —
1888	Australia	421	(a) M.	48-48-48	2.43-2.68- —
1888	Australia	574	(a) (a)	45-54 —	1.95-3.24- —
1888	Aust-Hun	447	(a) M.	(a)	.08½-.69- —
1888	Belgium	5	(a) M.	(a)	.61- .61- .61
1888	Belgium	16	(a) M.	c66-66-66	.60-1.06- —
1888	Br. India	459	(a) (a)	(a)	.09½-.20- —
1888	Canada	80	(a) (a)	(a)	1.75-2.00- —
1888	Canada	470	(a) M.	56-56-56	1.73-1.73-1.73
1888	Canada	574	(a) (a)	50-60 —	1.75-2.22- —
1888	C. of G'd H.	483	(a) (a)	(a)	.49-4.87- —
1888	C. of G'd H.	574	(a) (a)	57-57-57	1.95-1.95-1.95
1888	England	5	(a) M.	w54-54-54	.63- .73- —
1888	England	6	(a) M.	(a)	1.30-1.30-1.30
1888	England	16	(a) M.	53-55 —	1.48-1.60- —
1888	England	574	(a) (a)	49-61 —	.81-1.72- —
1888	England	575	(a) M.	53-53-53	1.60-1.60-1.60
1888	France	6	(a) M.	(a)	.77- .87- —
1888	France	16	(a) M.	(a)	1.35-1.56- —
1888	France	17	(a) M.	(a)	1.02-1.35- —
1888	Germany	5	(a) M.	72-72-72	.52- .74- —
1888	Germany	6	(a) M.	(a)	.55- .62- —
1888	Germany	113	(a) M.	(a)	.64- .95- —
1888	Germany	558	(a) M.	60-66 —	.83- .99- —
1888	Germany	558	(a) (a)	x36-66 —	.56-2.90- —
1888	Germany	615	(a) M.	(a)	.52- .83- —
1888	Germany	615	(a) M.	(a)	d.09½-.09½-.09½
1888	Gr't Brit	575	(a) M.	49-61 —	.81-1.72- —

a Not reported.
b And board.
c Applies to but 1 of the 2 wage quotations.
d Per hour.
e Applies to but 4 of the 10 wage quotations.
f Applies to but 26 of the 28 wage quotations.
g Not including hours of 198 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 448 persons not reported.
j Not including hours of 207 persons not reported.
k Not including hours of 250 persons not reported.
l Not including hours of 100 persons not reported.
m Not including hours of 13 persons not reported.
n Not including hours of 238 persons not reported.
o Not including hours of 8 persons not reported.
p And rent.
q Not including hours of 8 persons not reported.
r 10,749 employees.
s Not including hours of 10,714 persons not reported.
t Not including hours of 2 persons not reported.
u Not including hours of 5 persons not reported.
v And board and lodging.
w Applies to but 1 of the 4 wage quotations.
x Applies to but 37 of the 39 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888 Ireland	574	(a) (a)	54-61 —	0.89-1.38- —
1888 Ireland	575	(a) M.	60-60-60	1.38-1.38-1.38
1888 Italy	5	(a) M.	(a)	.60- .60- .60
1888 Natal	574	(a) (a)	48-48-48	2.19-2.43- —
1888 N. Zealand	574	(a) (a)	44-48 —	1.95-2.43- —
1888 Scotland	16	(a) M.	51-51-51	1.30-1.30-1.30
1888 Scotland	574	(a) (a)	51-54 —	1.03-1.29- —
1888 Scotland	576	(a) M.	51-57 —	.85-1.44- —
1888 Spain	5	(a) M.	78-78-78	.95- .95- .95
1888 Switzerl'd.	6	(a) (a)	(a)	.68- .85- —
1888 Switzerl'd.	709	(a) (a)	60-60-60	.73- .73- .73
1888 Wales	574	(a) (a)	54-60 —	.97-1.37- —
1889 Ala	5	120 M.	b48-84-62	1.00-5.00-1.90
1889 Cal.	6	1 M.	(a)	3.60-3.60-3.60
1889 Cal.	16	30 M.	54-60-56	3.00-3.50-3.31
1889 Colo.	189	10 (a)	(a)	3.00-3.00-3.00
1889 Conn.	6	8 M.	c60-60-60	1.84-3.25-2.43
1889 Conn.	190	18 M.	54-60-55	2.00-3.00-2.58
1889 Ga	5	3 M.	d72-72-72	1.25-2.00-1.75
1889 Ga	6	1 M.	66-66-66	2.00-2.00-2.00
1889 Ill	5	52 M.	e48-70-55	1.75-2.88-2.29
1889 Ill	16	213 M.	48-60-54	2.20-2.40-2.32
1889 Ill	209	43 M.	(a)	1.48-2.75-2.10
1889 Ind	5	10 M.	e60-60-60	1.50-2.50-2.00
1889 Ind	6	3 M.	60-60-60	2.75-2.75-2.75
1889 Ind	189	2 (a)	(a)	1.50-2.50-2.00
1889 Ind	226	3097 M.	f48-60-58	1.25-2.30-1.84
1889 Iowa	233	951 M.	g48-60-58	1.50-2.75-2.21
1889 Kans.	189	1 (a)	(a)	2.50-2.50-2.50
1889 Kans.	243	670 M.	h54-60-60	1.50-3.33-2.29
1889 La	16	31 M.	54-54-54	2.25-2.75-2.48
1889 Me	6	35 M.	i60-60-60	1.25-3.00-1.92
1889 Me	255	5 M.	(a)	2.00-2.00-2.00
1889 Md.	5	17 M.	60-60-60	1.75-2.12-2.03
1889 Md.	6	6 M.	(a)	1.17-1.75-1.44
1889 Md.	16	100 M.	54-54-54	2.25-2.50-2.40
1889 Md.	190	17 M.	54-60-54	2.00-2.75-2.50
1889 Mass.	6	22 M.	j60-60-60	1.23-2.75-2.12
1889 Mass.	16	30 M.	54-54-54	2.25-2.52-2.45
1889 Mass.	190	113 M.	60-60-60	1.35-3.25-2.06
1889 Mich.	5	168 M.	k60-65-60	1.49-3.45-2.05
1889 Mich.	281	16 M.	60-60-60	1.00-2.50-1.58
1889 Minn	5	18 M.	60-60-60	2.25-2.30-2.26
1889 Minn	16	95 M.	60-60-60	2.25-2.50-2.34
1889 Mo.	5	10 M.	k72-72-72	1.50-3.00-2.14
1889 Mo.	16	50 M.	48-48-48	2.40-2.40-2.40
1889 Mo.	299	42 (a)	(a)	1.12-2.67-2.00
1889 N. H	6	65 M.	l60-60-60	1.50-3.00-1.81
1889 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1889 N. J	6	5 M.	60-60-60	1.25-2.50-1.93
1889 N. J	190	1 M.	60-60-60	2.67-2.67-2.67
1889 N. Y.	5	35 M.	(m)	1.25-4.00-2.04
1889 N. Y.	6	14 M.	k60-60-60	1.25-2.25-1.78
1889 N. Y.	16	444 M.	48-60-49	3.00-3.50-3.38
1889 N. Y.	190	181 M.	48-72-53	1.67-3.50-2.87
1889 N. C.	344	23 M.	60-72-62	1.00-2.00-1.42
1889 Ohio	5	51 M.	n54-84-63	1.50-3.00-2.01
1889 Ohio	16	213 M.	60-60-60	1.40-3.25-2.20
1889 Ohio	189	89 (a)	(a)	2.50-2.50-2.50
1889 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1889 Pa	5	136 M.	o54-84-61	1.15-3.25-2.08
1889 Pa	6	4 M.	(a)	1.98-2.50-2.31
1889 Pa	16	118 M.	54-60-55	2.00-3.60-2.71
1889 Pa	189	44 (a)	(a)	2.50-3.50-2.82
1889 Pa	190	62 M.	54-60-54	2.17-2.97-2.73
1889 R. I	6	7 M.	(a)	1.75-3.34-2.17
1889 R. I	190	57 M.	60-60-60	1.50-3.00-2.24
1889 S. C	6	2 M.	69-69-69	1.00-1.00-1.00
1889 Tenn.	5	11 M.	p60-84-68	1.25-3.00-1.66
1889 Tenn.	6	6 M.	e66-66-66	1.00-2.75-1.82
1889 Va	5	12 M.	60-72-71	2.00-2.25-2.22
1889 Va	6	2 M.	(a)	1.50-1.67-1.59
1889 Va	16	9 M.	54-54-54	1.50-2.25-1.83
1889 W. Va	5	19 M.	q60-63-60	1.80-3.00-2.42
1889 W. Va	189	12 (a)	(a)	2.50-2.50-2.50
1889 Wis	5	21 M.	r60-60-60	1.80-2.25-2.03
1889 Wis	410	247 M.	(a)	.79-4.97-1.91
1889 Australia	422	(a) (a)	48-48-48	2.11-2.92- —
1889 Australia	422	(a) (a)	(a)	s.62- .78- —
1889 Australia	432	(a) M.	(a)	2.43-2.68- —
1889 Australia	576	(a) M.	45-54 —	1.95-3.24- —
1889 Belgium	5	(a) M.	t60-84 —	.47- .77- —
1889 Belgium	16	(a) M.	u66-66-66	.60-1.06- —
1889 Br. India	459	(a) (a)	(a)	.09½-.22- —
1889 Canada	5	(a) M.	v60-60-60	1.10-2.25- —
1889 Canada	471	(a) M.	57-60 —	1.64-1.73- —
1889 Canada	576	(a) M.	50-60 —	1.49-3.00- —
1889 C. of G'd H.	483	(a) (a)	(a)	1.22-3.65- —
1889 C. of G'd H.	576	(a) M.	57-57-57	1.95-1.95-1.95
1889 China	86	(a) (a)	(a)	.20- .50- —
1889 China	88	(a) (a)	(a)	.22- .22- .22
1889 Denmark	520	(a) (a)	(a)	.57- .89- —
1889 England	5	(a) M.	w54-60 —	.55-1.67- —
1889 England	6	(a) M.	57-57-57	.81- .81- .81
1889 England	16	(a) M.	53-55 —	1.48-1.60- —
1889 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1889 England	576	(a) M.	47-61 —	.81-1.72- —
1889 France	5	(a) M.	x60-84 —	.68-1.82- —
1889 France	6	(a) M.	(a)	.82- .97- —
1889 France	16	(a) M.	(a)	1.35-1.56- —
1889 France	17	(a) M.	(a)	.92-1.35- —
1889 France	521	(a) M.	60-60-60	.97- .97- .97
1889 Germany	5	(a) M.	y72-72-72	.31- .60- —
1889 Germany	6	(a) M.	z72-72-72	.48- .96- —
1889 Germany	113	(a) M.	(a)	.67- 95- —
1889 Germany	514	(a) (a)	aa60-60-60	.71-1 19- —
1889 Germany	534	(a) (a)	(a)	.76- .83- —
1889 Germany	550	(a) M.	(a)	1.19-1.31- —
1889 Germany	615	(a) M.	(a)	.60- .91- —
1889 Germany	615	(a) M.	(a)	bb.09- .09- .09
1889 Gr't Brit	575	(a) M.	49-61 —	.81-1.72- —
1889 Ireland	6	(a) M.	56-56-56	.90- .90- 90
1889 Ireland	576	(a) M.	54-60 —	.89-1 38- —
1889 Italy	95	(a) M.	cc60-60-60	.30-2.00- —

a Not reported.
b Not including hours of 55 persons not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 429 persons not reported.
g Not including hours of 387 persons not reported.
h Not including hours of 69 persons not reported.
i Not including hours of 30 persons not reported.
j Not including hours of 12 persons not reported.
k Not including hours of 8 persons not reported.
l Not including hours of 57 persons not reported.
m 60-60-60 hours; not including hours of 14 persons not reported.
n Not including hours of 9 persons not reported.
o Not including hours of 43 persons not reported.
p Not including hours of 3 persons not reported.
q Not including hours of 11 persons not reported.
r Not including hours of 18 persons not reported.
s And board and lodging.
t Applies to but 9 of the 13 wage quotations.
u Applies to but 1 of the 2 wage quotations.
v Applies to but 15 of the 20 wage quotations.
w Applies to but 22 of the 26 wage quotations.
x Applies to but 3 of the 10 wage quotations.
y Applies to but 2 of the 13 wage quotations.
z Applies to but 5 of the 12 wage quotations.
aa Applies to but 1 of the 8 wage quotations.
bb Per hour.
cc Applies to but 1 of the 15 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Italy	521	(a) M.	63-63-63	0.53-0.58- —
1889 Italy	632	(a) M.	(a)	.68- .68- .68
1889 Jamaica	89	(a) M.	55-55-55	.75-.75- .75
1889 Natal	576	(a) M.	48-48-48	2.92-3.16- —
1889 Netherl'ds	516	(a) (a)	72-72-72	.82- .82- .82
1889 Netherl'ds	516	(a) (a)	(a)	b .06½-.08- —
1889 Netherl'ds	521	(a) (a)	72-78 —	.80- .83- —
1889 Netherl'ds	521	(a) (a)	(a)	b .03- .06- —
1889 N. Zealand	96	(a) M.	(a)	2.43-2.43-2.43
1889 N. Zealand	576	(a) M.	44-48 —	1.82-2.43- —
1889 Norway	518	(a) (a)	(a)	.63- .65- —
1889 Portugal	691	(a) M.	c 48-84 —	.04½-1.62- —
1889 Scotland	5	(a) M.	d 57-57-57	.89-1.22- —
1889 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1889 Scotland	576	(a) M.	50-57 —	.85-1.60- —
1889 Scotland	576	(a) M.	(a)	b .11- .15- —
1889 Spain	515	(a) M.	(a)	.48- .97- —
1889 Switzerl'd	709	(a) (a)	60-60-60	.73- .87- —
1889 Wales	576	(a) M.	54-60 —	1.09-1.43- —
1890 Ala	5	23 M.	e 60-60-60	2.00-3.00-2.39
1890 Ala	6	8 M.	(a)	1.00-2.40-1.64
1890 Cal	16	26 M.	54-60-56	3.00-3.50-3.22
1890 Conn	190	26 M.	54-60-54	2.25-3.25-2.64
1890 Ill	16	203 M.	48-60-54	2.10-2.40-2.30
1890 Ind	226	3399 M.	f 54-60-60	1.40-2.75-1.98
1890 Iowa	234	825 M.	(a)	1.13-2.50-2.07
1890 Kans	244	144 M.	(a)	1.75-3.25-2.39
1890 Ky	6	1 M.	(a)	2.00-2.00-2.00
1890 La	6	2 M.	(a)	2.25-2.40-2.33
1890 La	16	34 M.	54-54-54	2.25-2.75-2.51
1890 Me	6	7 M.	g 60-60-60	1.50-2.00-1.75
1890 Md	6	4 M.	(a)	1.25-1.75-1.44
1890 Md	16	160 M.	54-54-54	2.25-2.50-2.43
1890 Md	190	10 M.	54-60-55	2.00-2.75-2.50
1890 Mass	6	1 M.	(a)	2.13-2.13-2.13
1890 Mass	8	2 M.	60-60-60	2.50-2.50-2.50
1890 Mass	16	21 M.	54-54-54	2.25-3.00-2.52
1890 Mass	190	145 M.	60-60-60	1.35-3.25-2.05
1890 Mich	5	4 M.	60-60-60	2.25-2.25-2.25
1890 Mich	282	61 M.	60-60-60	1.33-3.00-1.89
1890 Minn	16	100 M.	60-60-60	2.25-2.50-2.34
1890 Minn	292	728 M.	(a)	1.00-2.75-2.12
1890 Miss	6	2 M.	(a)	1.13-1.40-1.27
1890 Mo	6	1 M.	(a)	2.30-2.30-2.30
1890 Mo	16	65 M.	48-48-48	2.80-2.80-2.80
1890 Nebr	313	16 M.	(a)	1.50-3.00-2.13
1890 N. H	6	8 M.	60-60-60	1.72-2.25-1.79
1890 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1890 N. J	6	6 M.	h 54-60-59	1.35-2.11-1.64
1890 N. J	190	1 M.	60-60-60	3.00-3.00-3.00
1890 N. Y	6	4 M.	i 60-60-60	1.50-3.33-2.15
1890 N. Y	16	445 M.	48-60-48	2.00-3.50-3.38
1890 N. Y	190	186 M.	48-72-52	1.67-3.50-2.93
1890 N. Y	333	1816 M.	(a)	.38-5.25-2.19
1890 N. C	6	1 M.	(a)	1.42-1.42-1.42
1890 N. C	345	2 M.	60-60-60	1.00-1.25-1.13
1890 Ohio	5	1 M.	60-60-60	1.25-1.25-1.25
1890 Ohio	6	6 M.	j 60-60-60	1.75-2.50-2.04
1890 Ohio	16	180 M.	54-60-57	1.40-3.00-2.02
1890 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1890 Ohio	371	762 (a)	48-69-58	.92-3.41-2.07
1890 Pa	5	2 M.	54-70-62	1.65-2.00-1.83
1890 Pa	6	10 M.	k 60-60-60	1.67-2.50-2.23
1890 Pa	16	160 M.	54-60-55	1.67-3.60-2.71
1890 Pa	190	75 M.	54-60-59	2.70-3.00-2.98
1890 R. I	6	1 M.	(a)	3.00-3.00-3.00
1890 R. I	190	44 M.	60-60-60	1.50-3.00-2.33
1890 Tenn	6	2 M.	(a)	1.25-2.00-1.63
1890 Va	5	2 M.	66-66-66	1.88-1.88-1.88
1890 Va	16	9 M.	54-54-54	2.00-2.50-2.20
1890 Wis	5	2 M.	60-60-60	2.50-2.50-2.50
1890 Australia	423	(a) (a)	48-48-48	1.95-2.92- —
1890 Australia	423	(a) (a)	(a)	l .62- .78- —
1890 Australia	577	(a) M.	44-54 —	1.95-3.24- —
1890 Aust-Hun	109	(a) M.	(a)	.33- .33- .33
1890 Aust-Hun	632	(a) M.	(a)	.29- .77- —
1890 Belgium	16	(a) M.	d 66-66-66	.64-1.06- —
1890 Br. India	459	(a) (a)	(a)	.12- .25- —
1890 Canada	577	(a) M.	50-60 —	1.60-3.00- —
1890 C. of G'd H	484	(a) M.	(a)	1.22-4.87- —
1890 C. of G'd H	484	(a) M.	(a)	b .24½-.32½- —
1890 C. of G'd H	577	(a) M.	51-56 —	2.20-2.92- —
1890 China	180	(a) M.	(a)	.17- .17- .17
1890 England	5	(a) M.	(a)	.94-1.28- —
1890 England	6	(a) M.	56-56-56	1.30-1.30-1.30
1890 England	16	(a) M.	52-53 —	1.50-1.60- —
1890 England	180	(a) M.	54-54-54	1.35-1.35-1.35
1890 England	575	(a) M.	53-53-53	1.60-1.60-1.60
1890 England	577	(a) M.	n 47-62 —	.85-1.75- —
1890 France	16	(a) M.	(a)	1.35-1.56- —
1890 France	17	(a) M.	(a)	.98-1.38- —
1890 Germany	5	(a) M.	72-72-72	.81- .81- .81
1890 Germany	6	(a) M.	(a)	.49- .86- —
1890 Germany	113	(a) M.	(a)	.71- .95- —
1890 Germany	615	(a) M.	(a)	b .09- .09- .09
1890 Gr't Brit	575	(a) M.	49-61 —	.81-1.72- —
1890 Ireland	6	(a) M.	56-56-56	.97- .97- .97
1890 Ireland	577	(a) M.	54-60 —	.97-1.38- —
1890 Italy	632	(a) M.	(a)	.47- .69- —
1890 Natal	577	(a) M.	48-48-48	2.92-2.92-2.92
1890 Netherl'ds	616	(a) M.	72-72-72	.82- .87- —
1890 Netherl'ds	666	(a) M.	o 75-78 —	.47-1.34- —
1890 Netherl'ds	666	(a) M.	(a)	b .04- .09- —
1890 N. Zealand	577	(a) M.	44-48 —	1.82-2.45- —
1890 N. Zealand	683	(a) (a)	(a)	1.70-2.92- —
1890 Norway	686	(a) M.	(a)	.60- .77- —
1890 Portugal	691	(a) (a)	(a)	.32- .43- —
1890 Russia	519	(a) (a)	69-69-69	.56- .63- —
1890 Russia	694	(a) (a)	(a)	.85-1.36- —
1890 Scotland	6	(a) M.	56-56-56	.89-1.22- —
1890 Scotland	16	(a) M.	51-51-51	1.38-1.38-1.38
1890 Scotland	577	(a) M.	p 50-61 —	.85-1.60- —
1890 Scotland	632	(a) M.	51-51-51	1.29-1.29-1.29
1890 Spain	632	(a) (a)	(a)	.29- .97- —
1890 Wales	577	(a) M.	48-58 —	.97-1.46- —
1891 Cal	16	28 M.	54-60-56	3.00-3.50-3.25
1891 Conn	190	23 M.	54-60-55	2.25-3.25-2.69
1891 Fla	9	3 M.	60-60-60	1.54-2.00-1.85
1891 Ill	16	242 M.	48-60-53	2.10-2.80-2.58
1891 Ind	227	4493 M.	48-60-58	1.47-2.66-1.87
1891 La	16	31 M.	54-54-54	2.00-2.75-2.35
1891 Me	257	861 M.	q 54-60-59	1.38-3.00-1.97
1891 Me	257	1 M.	(a)	b .20- .20- .20
1891 Md	16	125 M.	54-54-54	2.25-2.50-2.41
1891 Md	190	17 M.	54-60-54	2.00-2.75-2.51
1891 Mass	16	27 M.	54-54-54	2.25-3.00-2.52
1891 Mass	190	152 M.	60-60-60	1.35-3.25-2.01
1891 Minn	16	81 M.	60-60-60	2.00-2.25-2.20

a Not reported.
b Per hour.
c Applies to but 28 of the 576 wage quotations.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 16 persons not reported.
f Not including hours of 121 persons not reported.
g Not including hours of 3 persons not reported.
h Not including hours of 2 persons not reported.
i Not including hours of 1 person not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 4 persons not reported.
l And board and lodging.
n Applies to but 426 of the 427 wage quotations.
o Applies to but 2 of the 8 wage quotations.
p Applies to but 113 of the 118 wage quotations.
q Not including hours of 756 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mo	16	70 M.	48-48-48	3.00-3.20-3.18
1891 Mo	300	331 M.	(a)	.81-3.25-1.96
1891 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1891 N. J	190	1 M.	60-60-60	3.00-3.00-3.00
1891 N. Y	6	1 M.	60-60-60	2.00-2.00-2.00
1891 N. Y	16	542 M.	48-60-48	2.00-3.50-3.40
1891 N. Y	190	154 M.	48-72-52	1.67-3.50-2.99
1891 N. Y	333	2651 M.	(a)	.38-5.25-2.24
1891 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1891 N. C	346	9 M.	b60-75-63	.65-1.75-1.32
1891 N. C	354	493 (a)	(a)	.70-2.12-1.57
1891 Ohio	16	170 M.	54-60-57	1.50-2.93-2.10
1891 Ohio	190	1 M.	60-60-60	2.50-2.50-2.50
1891 Ohio	372	1644 M.	54-72-58	1.25-3.00-2.18
1891 Pa	16	129 M.	54-60-55	1.67-3.60-2.75
1891 Pa	190	138 M.	54-60-54	1.67-2.97-2.76
1891 R. I	190	34 M.	60-60-60	1.50-3.00-2.39
1891 S. C	9	5 M.	60-60-60	1.42-1.75-1.54
1891 Va	16	8 M.	54-54-54	2.00-2.50-2.22
1891 Wis	411	1 M.	(a)	2.00-2.00-2.00
1891 Wis	411	874 M.	(a)	c.12½-.30- .23
1891 Australia	134	(a) M.	(a)	2.36-2.36-2.36
1891 Australia	433	(a) M.	(a)	2.43-2.43-2.43
1891 Australia	578	(a) M.	44-48 —	1.95-3.24- —
1891 Aust-Hun	134	(a) (a)	(a)	.41- .41- .41
1891 Belgium	16	(a) M.	d66-66-66	.57-1.06- —
1891 Belgium	110	(a) M.	(a)	c .05- .05- .05
1891 Belgium	457	(a) M.	e60-72 —	.19- .77- —
1891 Belgium	632	(a) (a)	(a)	.69-1.02- —
1891 Br. India	459	(a) (a)	(a)	.11- .22- —
1891 Br. India	620	(a) M.	48-48-48	.29- .53- —
1891 Canada	578	(a) M.	50-60 —	1.60-3.00- —
1891 C. of G'd H.	485	(a) (a)	(a)	1.22-3.65- —
1891 C. of G'd H.	578	(a) M.	51-56 —	2.20-2.92- —
1891 China	105	(a) (a)	(a)	.33- .35- —
1891 Corsica	611	(a) M.	(a)	.48- .48- .48
1891 England	16	(a) M.	51-52 —	1.50-1.56- —
1891 England	433	(a) M.	(a)	1.60-1.60-1.60
1891 England	577	(a) M.	47-47-47	1.27-1.27-1.27
1891 England	578	(a) M.	47-62 —	.85-1.75- —
1891 England	604	(a) M.	(a)	1.22-1.58- —
1891 France	16	(a) M.	(a)	1.35-1.56- —
1891 France	17	(a) M.	(a)	.87-1.35- —
1891 France	102	(a) M.	60-66 —	.97-1.17- —
1891 France	505	(a) M.	f54-77 —	.82-2.32- —
1891 France	505	(a) M.	60-60-60	g1.35-1.54- —
1891 France	522	(a) M.	(a)	.69-1.64- —
1891 Germany	11	(a) M.	(a)	.61- .71- —
1891 Germany	103	(a) M.	(a)	c .11- .11- .11
1891 Germany	551	(a) (a)	(a)	.60-1.59- —
1891 Germany	559	(a) M.	(a)	.60- .79- —
1891 Gr't Brit	578	(a) M.	51-51-51	1.12-1.21- —
1891 Ireland	578	(a) M.	54-61 —	.97-1.38- —
1891 Ireland	604	(a) M.	54-54-54	1.38-1.38-1.38
1891 Italy	632	(a) M.	(a)	.41- .58- —
1891 Italy	638	(a) M.	54-54-54	.19- .53- —
1891 Italy	639	(a) M.	69-69-69	.41- .77- —
1891 Natal	578	(a) M.	48-48-48	2.92-2.92-2.92
1891 N. Zealand	578	(a) M.	44-48 —	1.78-2.45- —
1891 N. Zealand	667	(a) (a)	(a)	1.70-2.92- —
1891 Nicaragua	106	(a) (a)	(a)	.85-1.70- —
1891 Norway	108	(a) M.	(a)	1.07-1.34- —
1891 Russia	695	(a) (a)	(a)	.74-1.18- —
1891 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1891 Scotland	578	(a) M.	45-57 —	0.85-1.58- —
1891 Scotland	604	(a) M.	51-51-51	1.36-1.36-1.36
1891 Switzerl'd	106	(a) M.	60-60-60	1.00-1.20- —
1891 Switzerl'd	632	(a) (a)	(a)	c.08½-.08½-.08½
1891 Switzerl'd	709	(a) (a)	60-60-60	.87- .97- —
1891 Wales	577	(a) M.	54-72 —	.76-1.29- —
1891 Wales	578	(a) M.	48-56 —	1.09-1.46- —
1892 Cal	16	17 M.	54-60-56	2.50-3.50-3.19
1892 Cal	196	323 M.	48-60-50	.75-4.00-3.29
1892 Conn	20	6 M.	45-60-58	2.03-4.81-2.67
1892 Conn	190	23 M.	54-60-55	2.25-3.00-2.62
1892 Del	20	121 M.	60-60-60	1.50-3.00-2.05
1892 Fla	9	21 M.	60-66-63	1.75-3.00-2.01
1892 Ill	16	320 M.	48-60-53	2.20-2.80-2.59
1892 Ind	227	4721 M.	h54-72-60	1.16-2.58-2.01
1892 Iowa	235	501 M.	i54-60-59	1.00-3.00-2.22
1892 La	16	32 M.	54-54-54	2.00-2.75-2.33
1892 Me	258	15 M.	60-60-60	1.82-2.75-2.06
1892 Md	16	165 M.	54-54-54	2.25-2.50-2.42
1892 Md	190	25 M.	54-54-54	2.00-3.00-2.58
1892 Md	263	390 M.	j48-60-49	1.50-2.44-1.99
1892 Mass	16	23 M.	54-54-54	2.25-3.00-2.48
1892 Mass	20	53 M.	60-60-60	1.35-4.00-2.11
1892 Mass	111	1 (a)	60-60-60	2.25-2.25-2.25
1892 Mass	190	163 M.	58-60-59	1.35-3.25-1.99
1892 Mich	284	3464 M.	k24-72-57	.50-11.22-2.05
1892 Minn	16	70 M.	60-60-60	2.00-2.25-2.20
1892 Mo	16	104 M.	48-48-48	3.20-3.20-3.20
1892 Mo	301	3016 M.	l48-48-48	2.25-3.00-2.80
1892 N. J	190	2 M.	60-60-60	2.50-3.00-2.75
1892 N. Y	16	511 M.	48-60-48	3.00-3.50-3.39
1892 N. Y	20	29 M.	48-60-49	1.67-3.75-3.40
1892 N. Y	190	261 M.	48-60-54	1.50-3.50-2.61
1892 N. Y	334	26 M.	(a)	2.75-3.25-3.13
1892 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1892 N. C	355	391 (a)	(a)	1.00-2.02-1.62
1892 Ohio	16	183 M.	54-60-56	1.58-3.00-2.20
1892 Ohio	20	3 M.	60-60-60	2.50-2.50-2.50
1892 Ohio	190	4 M.	60-60-60	2.50-2.50-2.50
1892 Ohio	373	263 (a)	53-72-55	1.25-2.50-2.17
1892 Pa	16	216 M.	54-60-55	2.00-3.60-2.72
1892 Pa	20	17 M.	60-60-60	1.76-2.60-2.25
1892 Pa	111	1 M.	60-60-60	2.50-2.50-2.50
1892 Pa	190	70 M.	54-60-54	2.50-3.15-2.82
1892 R. I	20	7 M.	60-60-60	2.00-2.75-2.31
1892 R. I	190	63 M.	60-60-60	2.00-2.50-2.31
1892 R. I	399	1347 M.	i42-60-59	.77-3.50-2.36
1892 S. C	9	8 M.	60-60-60	1.50-1.75-1.69
1892 Va	16	8 M.	54-54-54	2.00-2.50-2.16
1892 Algeria	505	(a) M.	60-70 —	.68-1.25- —
1892 Algeria	505	(a) M.	67-70 —	g.77- .87- —
1892 Australia	414	(a) (a)	(a)	1.95-2.92- —
1892 Australia	414	(a) (a)	(a)	n1.01-1.42- —
1892 Australia	424	(a) M.	o48-48-48	.81-3.04- —
1892 Australia	424	(a) M.	(a)	p .81-2.43- —
1892 Australia	424	(a) M.	(a)	q2.19-2.43- —
1892 Australia	578	(a) M.	44-48 —	1.95-3.24- —
1892 Belgium	16	(a) M.	d66-66-66	.60-1.06- —
1892 Belgium	111	(a) M.	69-69-69	.80- .80- .80
1892 Br. India	111	(a) M.	(a)	.22- .44- —
1892 Br. India	459	(a) (a)	(a)	.10- .20- —
1892 Canada	578	(a) M.	50-60 —	1.80-3.00- —
1892 C. of G'd H.	486	(a) M.	(a)	1.22-4.87- —
1892 C. of G'd H.	578	(a) M.	51-56 —	2.33-2.92- —

a Not reported.
b Not including hours of 4 persons not reported.
c Per hour.
d Applies to but 1 of the 2 wage quotations.
e Applies to but 16 of the 21 wage quotations.
f Applies to but 34 of the 39 wage quotations.
g And *gratifications*.
h Not including hours of 433 persons not reported.
i Not including hours of 1 person not reported.
j Not including hours of 136 persons not reported.
k Not including hours of 2,166 persons not reported.
l Not including hours of 16 persons not reported.
n And found.
o Applies to but 1 of the 7 wage quotations.
p And board.
q And light, fuel, and heat.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 China	111	(a) (a)	(a)	0.30-0.40- —
1892 Corsica	505	(a) M.	(a)	.97- .97- .97
1892 Denmark	595	(a) M.	(a)	1.01-1.01-1.01
1892 Denmark	632	(a) (a)	(a)	.98- .98- .98
1892 England	16	(a) M.	50-52 —	1.50-1.60- —
1892 England	111	(a) M.	b55-55-55	1.03-1.47- —
1892 England	578	(a) M.	45-62 —	.86-1.75- —
1892 England	632	(a) M.	48-60 —	1.05-1.62- —
1892 England	632	(a) M.	(a)	c .14-.20½- —
1892 France	11	(a) M.	(a)	.92- .92- .92
1892 France	16	(a) M.	(a)	1.35-1.56- —
1892 France	17	(a) M.	(a)	.92-1.36- —
1892 France	505	(a) M.	d42-84 —	.29-1.74- —
1892 France	505	(a) M.	(a)	c .07- .11- —
1892 France	505	(a) M.	b77-77-77	e.16- .77- —
1892 France	505	(a) M.	60-84 —	f .43- .97- —
1892 France	505	(a) M.	54-66 —	g .58-1.16- —
1892 France	505	(a) M.	57-81 —	h .55-1.16- —
1892 France	505	(a) M.	i60-70 —	j .48-1.40- —
1892 Germany	184	(a) M.	(a)	.83- .83- .83
1892 Germany	559	(a) M.	(a)	.64- .79- —
1892 Germany	667	(a) (a)	(a)	.77- .77- .77
1892 Germany	667	(a) (a)	(a)	c .09- .09- .09
1892 Gr't Brit	578	(a) M.	51-51-51	1.21-1.29- —
1892 Ireland	578	(a) M.	54-61 —	.97-1.41- —
1892 Italy	112	(a) M.	66-66-66	.70- .80- —
1892 Japan	132	(a) (a)	(a)	.14- .34- —
1892 Japan	646	(a) (a)	(a)	.19- .37- —
1892 Natal	578	(a) M.	48-48-48	2.92-2.92-2.92
1892 Netherl'ds	111	(a) M.	64-64-64	.67- .67- .67
1892 N. Zealand	578	(a) M.	44-48 —	1.78-2.45- —
1892 Russia	111	(a) M.	(a)	.60- .60- .60
1892 Russia	692	(a) (a)	(a)	.24- .92- —
1892 Russia	696	(a) (a)	(a)	.65-1.04- —
1892 Scotland	11	(a) (a)	(a)	1.22-1.22-1.22
1892 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1892 Scotland	578	(a) M.	48-57 —	.85-1.55- —
1892 Spain	111	(a) M.	64-64-64	.83-1.00- —
1892 Spain	115	(a) M.	(a)	.60- .70- —
1892 Switzerl'd	111	(a) M.	65-65-65	.80- .80- .80
1892 Wales	578	(a) M.	49-59 —	.97-1.58- —
1893 Cal	16	12 M.	54-60-56	3.00-3.50-3.23
1893 Conn	20	10 M.	60-60-60	2.20-4.81-2.53
1893 Del	20	165 M.	60-60-60	1.50-2.84-2.07
1893 Ill	10	110 M.	k40-66-52	.33-7.83-2.55
1893 Ill	16	529 M.	48-60-49	2.20-3.00-2.96
1893 Ind	228	4732 M.	l48-60-59	1.61-2.47-2.01
1893 Kans	247	12 M.	(a)	2.22-2.22-2.22
1893 La	16	29 M.	54-54-54	2.00-2.75-2.30
1893 Md	10	70 M.	n46-60-57	.67-3.00-2.01
1893 Md	16	105 M.	54-54-54	2.25-2.50-2.42
1893 Mass	16	32 M.	54-54-54	2.25-3.00-2.52
1893 Mass	20	45 M.	58-60-58	1.34-4.06-2.03
1893 Mich	285	240 M.	n42-78-59	1.20-3.64-1.93
1893 Minn	16	55 M.	60-60-60	2.00-2.25-2.11
1893 Mo	16	100 M.	48-48-48	3.20-3.20-3.20
1893 Mo	302	149 M.	o60-60-60	2.25-2.50-2.25
1893 Mo	303	15 M.	(a)	1.46-2.50-1.97
1893 Mont	307	183 M.	p45-60-51	2.50-5.00-4.19
1893 N. H	315	199 M.	48-66-59	1.25-4.00-2.23
1893 N. J	8	1 M.	60-60-60	2.90-2.90-2.90
1893 N. Y	10	104 M.	o36-72-55	.67-3.50-1.90
1893 N. Y	16	405 M.	48-60-48	3.00-3.50-3.37
1893 N. Y	20	29 M.	48-60-49	1.67-3.75-3.40
1893 N. C	347	410 M.	(a)	1.00-1.93-1.58
1893 Ohio	16	168 M.	54-60-57	1.50-3.15-2.30
1893 Ohio	20	7 M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	1162 M.	q45-60-58	1.05-3.00-1.99
1893 Pa	10	65 M.	n45-72-57	.67-3.25-2.09
1893 Pa	16	205 M.	54-60-55	1.80-3.60-2.68
1893 Pa	20	17 M.	60-60-60	1.76-2.60-2.24
1893 Pa	20	7 M.	60-60-60	2.00-2.75-2.31
1893 R. I	400	35 M.	(a)	.92-3.00-2.50
1893 R. I	412	417 M.	(a)	c .10- .35- .21
1893 Wis	415	(a) (a)	(a)	1.70-3.04- —
1893 Australia	448	(a) M.	60-60-60	.58-1.01- —
1893 Aust-Hun	583	(a) M.	66-66-66	.57- .65- —
1893 Aust-Hun	16	(a) M.	b66-66-66	.60-1.06- —
1893 Belgium	459	(a) (a)	(a)	.07½-.21- —
1893 Br. India	285	(a) M.	60-60-60	2.00-2.00-2.00
1893 Canada	583	(a) M.	r51-51-51	2.31-2.68- —
1893 C. of G'd H	632	(a) M.	(a)	1.16-1.93- —
1893 Egypt	16	(a) M.	50-52 —	1.50-1.60- —
1893 England	578	(a) M.	49-49-49	1.32-1.32-1.32
1893 England	589	(a) M.	49-62 —	.86-1.75- —
1893 France	16	(a) M.	(a)	1.35-1.56- —
1893 France	17	(a) M.	(a)	1.02-1.35- —
1893 France	507	(a) (a)	60-72 —	.46-1.25- —
1893 Germany	11	(a) M.	(a)	.71-1.19- —
1893 Germany	559	(a) M.	(a)	.67- .79- —
1893 Germany	560	(a) M.	(a)	c .07½-.11½- —
1893 Gr't Brit	578	(a) M.	50-54 —	1.61-1.73- —
1893 Ireland	589	(a) M.	54-61 —	.97-1.41- —
1893 Italy	639	(a) M.	54-60 —	.19- .68- —
1893 N. Zealand	668	(a) M.	s40-48 —	1.95-2.92- —
1893 Norway	689	(a) M.	(a)	.56-1.06- —
1893 Russia	697	(a) (a)	(a)	.58- .72- —
1893 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1893 Scotland	589	(a) M.	51-57 —	.85-1.47- —
1893 Scotland	632	(a) M.	(a)	.73- .85- —
1893 Switzerl'd	632	(a) (a)	(a)	.87- .97- —
1893 Wales	589	(a) M.	54-58 —	.93-1.55- —
1894 Cal	16	13 M.	54-60-56	2.75-3.50-3.17
1894 Conn	20	9 M.	60-60-60	1.80-2.89-2.26
1894 Del	20	65 M.	60-60-60	1.50-2.84-1.97
1894 Ga	8	1 M.	60-60-60	2.00-2.00-2.00
1894 Ill	16	324 M.	48-60-49	2.20-3.00-2.95
1894 Ind	228	3254 M.	t48-60-56	1.35-2.62-1.95
1894 Iowa	236	228 M.	o42-72-59	1.10-3.75-2.19
1894 Kans	247	21 M.	(a)	2.00-2.00-2.00
1894 Kans	248	119 M.	58-58-58	1.92-1.92-1.92
1894 La	16	31 M.	54-54-54	2.00-2.75-2.34
1894 Me	260	74 M.	54-66-60	1.25-2.50-1.99
1894 Md	16	55 M.	54-54-54	2.25-2.50-2 43
1894 Mass	16	28 M.	54-54-54	2.25-2.75-2.48
1894 Mass	20	24 M.	58-60-59	1.16-4.06-1.97
1894 Minn	16	44 M.	60-60-60	2.00-2.25-2.11
1894 Mo	16	100 M.	48-48-48	3.20-3.20-3.20
1894 Mont	308	118 M.	(a)	2.41-3.35-2.71
1894 Mont	309	9 M.	(a)	2.99-2.99-2.99
1894 N. H	316	16 M.	60-60-60	1.50-2.50-1.89
1894 N. Y	8	10 M.	60-60-60	1.25-2.25-1.64
1894 N. Y	11	7 (a)	(a)	2.50-2.50-2.50

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Per hour.
d Applies to but 274 of the 279 wage quotations.
e And board.
f And lodging.
g And lodging and heat.
h And heat.
i Applies to but 7 of the 9 wage quotations.
j And *gratifications*.
k Not including hours of 3 persons not reported.
l Not including hours of 123 persons not reported.
n Not including hours of 1 person not reported.
o Not including hours of 2 persons not reported.
p Not including hours of 19 persons not reported.
q Not including hours of 78 persons not reported.
r Applies to but 1 of the 3 wage quotations.
s Applies to but 8 of the 19 wage quotations.
t Not including hours of 72 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 N. Y.	16	361 M.	48-60-48	3.00-3.50-3.37
1894 N. Y.	20	29 M.	48-60-49	1.67-3.75-3.40
1894 N. C.	8	5 M.	60-66-61	1.00-1.50-1.35
1894 N. C.	348	532 M.	a60-66-60	.50-2.75-1.51
1894 Ohio	16	194 M.	54-60-58	1.45-3.15-1.99
1894 Ohio	20	4 M.	60-60-60	1.75-2.80-2.26
1894 Ohio	374	22 M.	(b)	1.83-5.00-2.69
1894 Ohio	375	1530 M.	c 48-72-58	1.08-3.12-2.00
1894 Pa	16	88 M.	54-60-56	2.00-3.60-2.60
1894 Pa	20	17 M.	60-60-60	1.60-2.30-2.02
1894 R. I	20	12 M.	60-60-60	1.50-2.50-1.95
1894 R. I	401	4 M.	(b)	1.50-2.50-1.92
1894 Va	16	5 M.	54-54-54	2.00-2.50-2.20
1894 W. Va	406	428 M.	d 48-60-55	1.15-2.88-1.58
1894 Australia	416	(b) (b)	(b)	1.46-2.43- —
1894 Australia	416	(b) (b)	(b)	e .24½-.24½-.24½
1894 Australia	425	(b) (b)	f 48-48-48	1.70-3.16- —
1894 Australia	425	(b) (b)	(b)	g .61-1.22- —
1894 Aust-Hun	434	(b) M.	57-66 —	.35- .88- —
1894 Belgium	16	(b) M.	h 66-66-66	.68-1.06- —
1894 Br. India	459	(b) (b)	(b)	.07½-.17- —
1894 Canada	187	(b) M.	60-60-60	1.00-2.00- —
1894 C. of G'd H.	487	(b) M.	i 48-72 —	.97-4.06- —
1894 England	16	(b) M.	50-52 —	1.50-1.60- —
1894 England	580	(b) M.	49-57 —	1.30-1.64- —
1894 England	590	(b) M.	(b)	1.05-1.15- —
1894 England	590	(b) M.	(b)	e .09½-.19½- —
1894 France	11	(b) M.	(b)	1.05-1.05-1.05
1894 France	16	(b) M.	(b)	1.35-1.56- —
1894 France	17	(b) M.	(b)	1.01-1.35- —
1894 France	125	(b) M.	66-66-66	.85- .85- .85
1894 France	128	(b) M.	54-54-54	1.40-1.56- —
1894 France	128	(b) M.	(b)	e .13½-.17½- —
1894 France	129	(b) M.	60-60-60	.77-1.93- —
1894 France	508	(b) M.	60-72 —	.58-1.16- —
1894 France	508	(b) M.	(b)	e .06- .06- .06
1894 Germany	559	(b) M.	(b)	.67- .79- —
1894 Gr't Brit	584	(b) M.	(b)	e .16- .17- —
1894 Ireland	580	(b) M.	54-54-54	1.38-1.41- —
1894 Ireland	590	(b) M.	(b)	1.05-1.14- —
1894 Ireland	590	(b) M.	(b)	e .14- .15- —
1894 Italy	640	(b) M.	(b)	.54- .54- .54
1894 Japan	647	(b) (b)	(b)	.14- .28- —
1894 Netherl'ds	662	(b) M.	(b)	e .08½-.12- —
1894 N. Zealand	669	(b) M.	(b)	1.94-2.43- —
1894 Russia	698	(b) (b)	(b)	.42- .55- —
1894 Scotland	16	(b) M.	51-51-51	1.47-1.47-1.47
1894 Scotland	580	(b) M.	51-51-51	1.29-1.46- —
1894 Scotland	590	(b) M.	(b)	.85- .93- —
1894 Scotland	590	(b) M.	(b)	e .07-.16½- —
1894 Spain	133	(b) (b)	(b)	.63- .93- —
1894 Spain	632	(b) (b)	(b)	.29- .58- —
1894 Switzerl'd.	709	(b) (b)	60-60-60	.97- .97- .97
1894 Wales	580	(b) M.	54-54-54	1.55-1.55-1.55
1894 Wales	590	(b) M.	(b)	e .14- .17- —
1895 Ala	7	1 M	66-66-66	1.50-1.50-1.50
1895 Cal.	16	16 M.	54-60-56	2.50-3.50-3.09
1895 Conn.	7	2 M.	72-72-72	2.00-2.50-2.25
1895 Conn.	20	8 M.	60-60-60	1.80-2.89-2.28
1895 Del.	20	101 M.	60-60-60	1.50-2.84-1.91
1895 Ga	7	11 M.	66-66-66	1.25-2.25-1.70
1895 Ga	8	12 M.	66-66-66	1.25-2.00-1.67
1895 Ill.	8	1 M.	54-54-54	3.00-3.00-3.00
1895 Ill.	16	126 M.	48-60-50	2.20-2.80-2.70
1895 Ind	229	3298 M.	j 48-60-59	1.23-2.26-1.85
1895 Iowa	237	1165 (b)	(b)	1.52-2.50-1.96
1895 Kans.	249	19 M.	k 60-60-60	.86-2.88-2.13
1895 Ky	7	1 M.	60-60-60	2.50-2.50-2.50
1895 La.	7	5 M.	60-63-61	2.00-2.50-2.25
1895 La.	16	32 M.	54-54-54	2.00-2.75-2.34
1895 Me	7	67 M.	60-60-60	1.25-2.75-2.12
1895 Md	7	1 M.	54-54-54	2.50-2.50-2.50
1895 Md	16	85 M.	54-54-54	2.25-2.50-2.40
1895 Mass	7	40 M.	41-60-59	1.50-3.20-2.17
1895 Mass	16	26 M.	54-54-54	2.25-2.52-2.47
1895 Mass	20	16 M.	58-60-58	1.16-4.06-1.96
1895 Mich	287	18 M.	(b)	1.52-2.25-1.89
1895 Minn.	16	41 M.	60-60-60	2.00-2.25-2.10
1895 Mo	7	3 M.	59-60-60	1.67-2.17-1.94
1895 Mo	16	75 M.	48-48-48	2.80-2.80-2.80
1895 Mo	304	25 M.	(b)	1.50-3.00-2.37
1895 Mont.	309	108 M.	(b)	2.06-3.50-2.72
1895 N. H.	7	84 M.	59-60-60	1.10-2.42-1.80
1895 N. J.	7	10 M.	53-60-59	2.00-2.50-2.23
1895 N. J.	8	3 M.	60-60-60	2.75-2.75-2.75
1895 N. Y.	7	10 M.	59-60-60	1.50-3.00-2.21
1895 N. Y.	8	5 M.	60-60-60	2.00-2.25-2.20
1895 N. Y.	16	394 M.	48-60-48	2.90-3.50-3.37
1895 N. Y.	20	29 M.	48-60-49	1.67-3.75-3.40
1895 N. C.	7	4 M.	60-72-67	1.00-2.50-1.56
1895 N. C.	8	7 M.	60-66-62	1.00-1.50-1.21
1895 N. C.	349	322 M.	l 60-60-60	.75-2.75-1.62
1895 Ohio	16	190 M.	54-60-57	1.30-3.50-2.00
1895 Ohio	20	11 M.	60-60-60	1.75-2.65-2.08
1895 Ohio	376	1308 M.	n 48-72-57	1.00-3.12-1.96
1895 Pa	8	1 M.	60-60-60	2.25-2.25-2.25
1895 Pa	16	184 M.	54-60-55	2.00-3.60-2.40
1895 Pa	20	14 M.	60-60-60	1.60-2.30-2.04
1895 R. I	7	4 M.	57-66-61	2.33-3.00-2.65
1895 R. I	20	8 M.	60-60-60	1.50-2.50-2.14
1895 S. C	7	18 M.	o 61-66-64	1.20-2.50-1.59
1895 Tenn.	7	5 M.	66-66-66	1.10-2.00-1.44
1895 Va	7	4 M.	55-55-55	2.50-2.50-2.50
1895 Va	16	7 M.	54-54-54	2.00-2.50-2.18
1895 Wis	413	117 (b)	k 48-84-60	.95-2.70-1.77
1895 Australia	417	(b) (b)	(b)	1.46-1.95- —
1895 Australia	417	(b) (b)	(b)	e .24½-.24½-.24½
1895 Australia	426	(b) (b)	f 48-48-48	1.70-3.16- —
1895 Australia	426	(b) (b)	(b)	g .61-1.22- —
1895 Australia	677	(b) M.	(b)	1.71-2.19- —
1895 Aust-Hun	435	(b) M.	42-84 —	.32-1.02- —
1895 Aust-Hun	435	(b) M.	60-66 —	p .24- .34- —
1895 Aust-Hun	435	(b) M.	63-63-63	q .59- .59- .59
1895 Belgium	16	(b) M.	h 66-66-66	.60-1.06- —
1895 Belgium	458	(b) (b)	(b)	e .07- .08½- —
1895 Br. India	459	(b) (b)	(b)	.07- .17- —
1895 Canada	187	(b) M.	60-72 —	1.00-4.00- —
1895 C. of G'd H.	488	(b) M.	(b)	1.46-3.04- —
1895 Chile	184	(b) M.	(b)	1.36-1.70- —
1895 China	136	(b) (b)	(b)	r .11- .11- .11
1895 England	16	(b) M.	50-50-50	1.51-1.60- —
1895 England	591	(b) M.	(b)	1.05-1.53- —
1895 France	16	(b) M.	(b)	1.35-1.56- —
1895 France	17	(b) M.	(b)	1.05-1.35- —
1895 France	509	(b) (b)	60-72 —	.58-1.54- —
1895 France	513	(b) M.	60-66 —	.63-1.35- —

a Not including hours of 513 persons not reported.
b Not reported.
c Not including hours of 52 persons not reported.
d Not including hours of 418 persons not reported.
e Per hour.
f Applies to but 1 of the 5 wage quotations.
g And board and lodging.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 18 of the 19 wage quotations.
j Not including hours of 77 persons not reported.
k Not including hours of 1 person not reported.
l Not including hours of 252 persons not reported.
n Not including hours of 55 persons not reported.
o Not including hours of 5 persons not reported.
p And board.
q And lodging and fuel.
r And food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 France	513	(a) M.	(a)	b.09½-.09½-.09½
1895 Germany	559	(a) M.	(a)	.64- .79- —
1895 Greece	137	(a) (a)	(a)	.44- .66- —
1895 Ireland	591	(a) M.	(a)	1.14-1.37- —
1895 Italy	640	(a) M.	(a)	.54- .54- .54
1895 Japan	132	(a) (a)	60-60-60	.26- .29- —
1895 Japan	145	(a) (a)	(a)	.21- .26- —
1895 Japan	648	(a) M.	(a)	.15- .30- —
1895 N. Found.	187	(a) M.	60-60-60	1.50-2.50- —
1895 N. Zealand	184	(a) M.	(a)	1.70-2.92- —
1895 N. Zealand	670	(a) M.	(a)	1.95-2.51- —
1895 Nicaragua	140	(a) (a)	(a)	.75-1.75- —
1895 Norway	687	(a) M.	(a)	.60- .77- —
1895 Norway	690	(a) M.	(a)	.40-1.07- —
1895 Russia	699	(a) (a)	(a)	.45- .54- —
1895 Scotland	16	(a) M.	51-51-51	1.47-1.47-1.47
1895 Scotland	591	(a) M.	(a)	1.04-1.42- —
1895 Spain	133	(a) M.	(a)	.60- .70- —
1895 Switzerl'd.	184	(a) (a)	(a)	.76-1.00- —
1895 Switzerl'd.	710	(a) (a)	60-60-60	.77- .87- —
1895 Venezuela	176	(a) (a)	54-54-54	1.60-1.60-1.60
1895 Wales	591	(a) M.	(a)	1.08-1.39- —
1896 Ala	15	3 M.	(a)	1.33-2.50-1.85
1896 Cal.	16	18 M.	54-60-55	2.75-3.50-3.12
1896 Colo.	200	205 M.	48-60-55	2.00-5.20-2.86
1896 Conn.	7	15 M.	60-60-60	1.50-2.94-2.06
1896 Conn.	8	8 M.	60-60-60	2.00-2.00-2.00
1896 D. C	15	2 M.	(a)	1.00-2.50-1.75
1896 Fla.	15	5 M.	(a)	1.50-2.17-1.93
1896 Ga	7	24 M.	63-66-66	1.00-2.75-1.82
1896 Ga	8	3 M.	60-66-64	.75-2.00-1.50
1896 Ga	15	24 M.	(a)	.25-3.00-1.30
1896 Ill	7	17 M.	54-60-58	2.00-3.00-2.25
1896 Ill.	12	6 M.	48-60-54	1.50-2.00-1.88
1896 Ill.	16	104 M.	48-60-54	2.20-2.80-2.54
1896 Ind.	7	2 M.	65-65-65	2.00-2.50-2.25
1896 Ind.	229	3624 M.	c48-60-59	1.11-2.61-1.99
1896 Iowa	237	1473 (a)	(a)	1.52-2.46-2.00
1896 Kans	250	16 M.	48-60-57	1.50-2.25-2.09
1896 La.	16	32 M.	54-54-54	2.00-2.75-2.32
1896 Md	7	2 M.	d48-48-48	1.50-1.67-1.59
1896 Md	14	547 M.	48-60-54	1.80-2.81-2.37
1896 Md	16	82 M.	54-54-54	2.25-2.50-2.41
1896 Mass	8	2 M.	54-54-54	2.25-2.25-2.25
1896 Mass	14	406 M.	53-84-56	2.00-3.30-2.49
1896 Mass	15	5 M.	(a)	2.00-2.50-2.23
1896 Mass	16	29 M.	54-54-54	2.25-2.75-2.46
1896 Mich	7	1 M.	55-55-55	1.67-1.67-1.67
1896 Mich	8	2 M.	60-60-60	2.50-2.50-2.50
1896 Minn.	16	44 M.	60-60-60	2.00-2.25-2.10
1896 Miss	15	3 M.	(a)	.42-1.25- .78
1896 Mo	16	110 M.	48-48-48	2.80-2.80-2.80
1896 Mo	305	792 (a)	(a)	1.70-2.57-2.24
1896 Mont.	310	115 M.	(a)	2.26-3.49-2.71
1896 Nebr	314	218 M.	d48-60-52	1.50-3.40-2.56
1896 N. H	7	14 M.	60-60-60	1.60-1.95-1.74
1896 N. Y.	7	8 M.	54-60-59	1.20-2.33-1.86
1896 N. Y.	14	581 M.	48-70-52	1.75-4.95-3.16
1896 N. Y.	16	435 M.	48-60-48	2.80-3.50-3.38
1896 N. Y.	336	170 M.	(a)	1.50-4.08-2.42
1896 N. C	7	1 M.	69-69-69	1.00-1.00-1.00
1896 N. C	350	409 M.	e60-72-62	.45-2.50-1.66
1896 Ohio	7	7 M.	54-60-59	1.75-2.50-2.07
1896 Ohio	16	163 M.	54-60-58	1.45-3.15-1.88
1896 Ohio	377	1242 M.	f48-66-57	1.30-2.75-1.93
1896 Pa	7	52 M.	47-60-59	1.67-2.75-2.25
1896 Pa	8	1 M.	72-72-72	2.00-2.00-2.00
1896 Pa	14	1644 M.	48-60-56	2.00-3.15-2.74
1896 Pa	16	225 M.	54-60-55	2.00-4.05-2.51
1896 Pa	394	8 M.	60-60-60	1.50-2.25-1.90
1896 R. I	7	11 M.	60-60-60	2.00-2.25-2.16
1896 S. C	7	11 M.	66-66-66	.75-1.50-1.23
1896 S. C	15	8 M.	(a)	.50-1.50-1.09
1896 Tenn.	15	8 M.	(a)	.83-3.00-1.67
1896 Vt	7	2 M.	64-66-65	2.00-2.25-2.13
1896 Va	16	10 M.	54-54-54	1.75-2.50-2.03
1896 Wis	7	11 M.	60-60-60	2.00-2.25-2.02
1896 Algeria	505	(a) M.	(a)	.97-1.16- —
1896 Algeria	505	(a) M.	(a)	b.09½-.11½- —
1896 Australia	184	(a) M.	(a)	1.46-2.63- —
1896 Australia	427	(a) (a)	g48-48-48	1.62-3.16- —
1896 Australia	427	(a) (a)	(a)	h.61- .81- —
1896 Aust-Hun	436	(a) (a)	i54-72 —	.28-1.08- —
1896 Aust-Hun	436	(a) (a)	60-72 —	h.14- .37- —
1896 Aust-Hun	442	(a) M.	42-66 —	.75-1.25- —
1896 Belgium	16	(a) M.	j66-66-66	.64-1.06- —
1896 Belgium	184	(a) (a)	(a)	.77- .77- .77
1896 Belgium	678	(a) (a)	(a)	b.07½-.10- —
1896 Br. Guiana	184	(a) M.	(a)	.80-1.00- —
1896 Br. India	459	(a) (a)	(a)	.07½-.18- —
1896 Canada	184	(a) M.	(a)	1.50-3.25- —
1896 Canada	482	(a) (a)	k54-60 —	2.25-3.75- —
1896 C. of G'd H.	184	(a) M.	(a)	2.64-2.88- —
1896 C. of G'd H.	489	(a) M.	(a)	1.34-3.65- —
1896 China	184	(a) M.	(a)	.20- .30- —
1896 Colombia	184	(a) M.	(a)	.60-1.50- —
1896 Corsica	505	(a) M.	(a)	.77- .92- —
1896 Corsica	505	(a) M.	(a)	b.07½-.09½- —
1896 Costa Rica	184	(a) M.	j60-60-60	1.47-1.52- —
1896 England	16	(a) M.	50-50-50	1.51-1.69- —
1896 England	581	(a) M.	49-57 —	1.32-1.69- —
1896 England	592	(a) M.	(a)	.82-1.74- —
1896 France	16	(a) M.	(a)	1.35-1.56- —
1896 France	17	(a) M.	(a)	1.16-1.36- —
1896 France	184	(a) (a)	(a)	b.15- .15- .15
1896 France	505	(a) M.	(a)	.46-1.48- —
1896 France	505	(a) M.	(a)	b.04½-.16½- —
1896 France	505	(a) M.	(a)	l.30- .41- —
1896 France	510	(a) (a)	60-72 —	.58-1.16- —
1896 Germany	560	(a) M.	57-57-57	.95- .95- .95
1896 Ireland	581	(a) M.	54-54-54	1.41-1.46- —
1896 Ireland	592	(a) M.	(a)	1.05-1.46- —
1896 Italy	640	(a) M.	(a)	.54- .54- .54
1896 Jamaica	184	(a) M.	(a)	.66-1.00- —
1896 Japan	649	(a) M.	(a)	.18- .40- —
1896 Madagas	184	(a) M.	(a)	.19-1.11- —
1896 Mexico	184	(a) M.	n60-60-60	.19-2.50- —
1896 N. Zealand	586	(a) M.	(a)	1.91-2.01- —
1896 N. Zealand	671	(a) M.	(a)	2.07-2.68- —
1896 Persia	184	(a) M.	(a)	.35- .35- .35
1896 Portugal	184	(a) M.	(a)	.40- .81- —
1896 Russia	184	(a) M.	(a)	.65- .65- .65
1896 Russia	700	(a) (a)	(a)	.48- .56- —
1896 Scotland	16	(a) M.	51-51-51	1.55-1.55-1.55
1896 Scotland	581	(a) M.	51-51-51	1.38-1.55- —
1896 Scotland	592	(a) M.	(a)	.92-1.50- —
1896 Siam	143	(a) M.	(a)	.32- .32- .32
1896 Turk. in A.	184	(a) M.	(a)	.66- .66- .66
1896 Wales	581	(a) M.	54-54-54	1.55-1.55-1.55
1896 Wales	592	(a) M.	(a)	1.21-1.28- —

a Not reported.
b Per hour.
c Not including hours of 114 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 369 persons not reported.
f Not including hours of 39 persons not reported.
g Applies to but 1 of the 5 wage quotations.
h And board and lodging.
i Applies to but 38 of the 39 wage quotations.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 3 of the 4 wage quotations.
l And lodging.
n Applies to but 1 of the 23 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Cal.	16	23 M.	54-60-56	2.75-3.50-3.08
1897 Conn.	204	3 M.	54-60-58	2.25-2.50-2.33
1897 Ill.	16	335 M.	48-60-51	2.20-2.80-2.67
1897 Iowa	238	1274 (a)	(a)	1.63-2.42-1.98
1897 Kans.	251	48 M.	42-84-61	1.50-2.70-2.00
1897 Kans.	251	2 M.	(a)	*b*.16- .20- .18
1897 La	16	33 M.	54-54-54	2.00-2.75-2.33
1897 Md.	16	75 M.	54-54-54	2.25-2.50-2.43
1897 Md.	265	314 (a)	*c*54-60-59	1.60-2.44-2.00
1897 Mass	16	31 M.	54-54-54	2.25-3.00-2.54
1897 Mich.	289	986 M.	(a)	1.72-2.25-1.89
1897 Minn.	16	44 M.	60-60-60	2.00-2.25-2.18
1897 Mo.	16	50 M.	48-48-48	2.80-2.80-2.80
1897 Mont.	311	241 (a)	(a)	2.24-3.59-2.67
1897 Nebr.	314	116 M.	*d*48-60-51	1.00-3.00-2.30
1897 N. Y.	8	4 M.	60-60-60	2.50-2.50-2.50
1897 N. Y.	16	432 M.	48-60-48	2.70-3.50-3.40
1897 N. Y.	337	8292 M.	*e*48-60-49	1.31-4.05-2.59
1897 N. C.	351	446 (a)	(a)	1.24-2.23-1.62
1897 Ohio	16	169 M.	54-60-57	1.45-3.15-1.94
1897 Ohio	377	41 (a)	*f*60-72-62	1.00-2.50-1.73
1897 Pa	16	135 M.	54-60-55	2.00-4.05-2.50
1897 Pa	395	17 M.	(a)	1.12-3.25-2.13
1897 Va	16	7 M.	54-54-54	2.00-2.50-2.18
1897 Va	404	72 M.	54-66-60	1.12-2.25-1.57
1897 Australia	418	(a) (a)	(a)	1.22-2.56- —
1897 Australia	428	(a) (a)	*g*48-48-48	1.22-3.16- —
1897 Australia	428	(a) (a)	(a)	*h*.61- .81- —
1897 Australia	587	(a) M.	(a)	2.68-2.68-2.68
1897 Aust-Hun.	437	(a) M.	66-66-66	.77- .89- —
1897 Aust-Hun.	437	(a) (a)	48-84 —	.20-1.35- —
1897 Belgium	144	(a) M.	(a)	*b*.08½-.08½-.08½
1897 Belgium	587	(a) M.	(a)	*b*.07- .07- .07
1897 C. of G'd H.	490	(a) (a)	(a)	1.58-3.65- —
1897 England	593	(a) (a)	*i* 47-55 —	.86-1.73- —
1897 England	679	(a) (a)	(a)	*b*.13- .16- —
1897 France	511	(a) M.	*j*60-72 —	.48-1.16- —
1897 Germany	559	(a) M.	(a)	1.05-1.05-1.05
1897 Gr't Brit	587	(a) M.	(a)	1.33-1.73- —
1897 Hawai. Is.	146	(a) M.	(a)	4.00-4.00-4.00
1897 Ireland	593	(a) (a)	*k* 54-57 —	1.05-1.55- —
1897 Italy	641	(a) M.	(a)	.58- .58- .58
1897 Japan	650	(a) M.	(a)	.21- .35- —
1897 N. Zealand	672	(a) M.	(a)	2.07-2.92- —
1897 Russia	701	(a) (a)	(a)	.43- .57- —
1897 Scotland	593	(a) (a)	*l* 49-51 —	.87-1.58- —
1898 Cal.	16	29 M.	54-60-55	2.75-3.50-3.05
1898 Ill.	16	162 M.	48-60-56	2.20-2.80-2.44
1898 Ind	230	3822 (a)	*n*48-60-58	1.35-2.31-1.93
1898 Iowa	18	2 (a)	(a)	2.00-2.00-2.00
1898 Iowa	238	1314 (a)	(a)	1.69-2.36-2.02
1898 Kans.	252	834 M.	*o* 33-60-52	1.24-2.75-2.34
1898 La	16	30 M.	54-54-54	2.00-2.75-2.35
1898 Md.	16	75 M.	54-54-54	2.25-2.50-2.42
1898 Mass	16	25 M.	54-54-54	2.50-3.00-2.54
1898 Mich.	290	192 M.	(a)	1.50-2.00-1.73
1898 Minn	16	44 M.	60-60-60	2.00-2.25-2.18
1898 Mo.	16	100 M.	48-48-48	2.80-2.80-2.80
1898 Mo.	306	986 (a)	48-60-59	1.60-2.62-2.24
1898 Nebr.	314	1419 (a)	*p*48-60-56	1.00-4.50-2.27
1898 Nebr.	314	23 (a)	(a)	*b*.17½-.25-.22½
1898 N. J.	329	635 M.	*q*60-60-60	1.71-2.50-2.05
1898 N. Y.	16	427 M.	48-60-48	2.70-3.50-3.38
1898 N. Y.	338	9161 M.	*r* 48-60-49	1.35-3.50-2.57
1898 N. C.	352	437 (a)	(a)	1.00-2.23-1.59
1898 Ohio	16	160 M.	54-60-57	1.33-3.15-1.86
1898 Ohio	18	10 M.	(a)	1.50-2.25-1.87
1898 Pa	16	192 M.	54-60-56	1.80-4.05-2.52
1898 Pa	18	14 M.	(a)	1.60-2.50-2.01
1898 Va	16	7 M.	54-54-54	2.00-2.50-2.18
1898 Australia	419	(a) (a)	(a)	.81-2.92- —
1898 Australia	429	(a) (a)	*s* 48-48-48	1.22-2.56- —
1898 Australia	429	(a) (a)	(a)	*h*.71-1.01- —
1898 Aust-Hun.	438	(a) (a)	54-66 —	.45-1.29- —
1898 Aust-Hun.	438	(a) M.	66-66-66	*t*.81- .81- .81
1898 Belgium	454	(a) (a)	(a)	*b*.05- .07- —
1898 Br. India	155	(a) (a)	(a)	.15- .29- —
1898 C. of G'd H.	149	(a) (a)	(a)	3.00-3.00-3.00
1898 C. of G'd H.	491	(a) (a)	(a)	1.46-3.65- —
1898 Chile	152	(a) (a)	(a)	.93-1.33- —
1898 Denmark	493	(a) M.	(a)	.80-1.61- —
1898 England	582	(a) (a)	49-57 —	1.30-1.69- —
1898 England	594	(a) (a)	*u*48-57 —	.92-1.72- —
1898 England	680	(a) M.	(a)	*b*.14- .18½- —
1898 France	154	(a) (a)	(a)	*b*.10½-.15½- —
1898 France	512	(a) M.	60-72 —	.64-1.35- —
1898 Germany	147	(a) (a)	51-60 —	.83- .95- —
1898 Germany	151	(a) (a)	(a)	.95-1.03- —
1898 Ireland	582	(a) (a)	54-54-54	1.46-1.55- —
1898 N. Zealand	673	(a) M.	(a)	2.07-2.68- —
1898 N. Zealand	680	(a) M.	44-44-44	1.95-1.95-1.95
1898 Russia	702	(a) M.	(a)	.64- .88- —
1898 Scotland	582	(a) (a)	51-51-51	1.38-1.64- —
1898 Scotland	594	(a) (a)	(a)	1.06-1.55- —
1898 Wales	582	(a) (a)	54-54-54	1.46-1.55- —
1898 Wales	594	(a) (a)	*s* 53-53-53	1.09-1.38- —
1899 Ala	18	880 M.	60-60-60	1.50-3.25-2.00
1899 Cal.	18	72 M.	48-48-48	2.50-3.50-3.06
1899 Ga	18	98 M.	59-60-60	1.25-2.75-1.83
1899 Ill	18	19 M.	48-48-48	3.40-3.40-3.40
1899 Mass	18	225 M.	48-48-48	2.40-2.64-2.42
1899 Mich.	291	8 (a)	(a)	1.97-1.97-1.97
1899 Mont	18	80 M.	53-53-53	4.42-4.42-4.42
1899 N. J.	18	571 M.	*v* 53-53-53	1.96-2.50-1.97
1899 N. Y.	18	2036 M.	*w*44-54-51	1.80-3.50-2.14
1899 N. C.	18	198 M.	60-60-60	.80-2.40-1.38
1899 N. C.	353	75 M.	*x* 48-72-62	.75-3.00-1.45
1899 N. C.	356	413 (a)	(a)	1.00-2.24-1.57
1899 Ohio	18	81 M.	*y* 48-54-51	1.65-2.70-2.20
1899 Pa	18	540 M.	*z* 54-54-54	1.65-3.00-2.69
1899 Tenn.	403	34 M.	(a)	1.35-2.04-1.59
1899 Va	404	1490 (a)	(a)	1.00-2.41-1.62
1899 Belgium	455	(a) (a)	(a)	.58- .58- .58
1899 Denmark	681	(a) M.	(a)	*b*.08- .08- .08
1899 England	588	(a) (a)	*aa* 49-55 —	.95-1.69- —
1899 England	681	(a) M.	(a)	*b*.15- .18½- —
1899 Germany	156	(a) (a)	60-60-60	.71-1.07- —
1899 N. Zealand	674	(a) M.	(a)	2.07-2.68- —

a Not reported.
b Per hour.
c Not including hours of 303 persons not reported.
d Not including hours of 13 persons not reported.
e Not including hours of 424 persons not reported.
f Not including hours of 2 persons not reported.
g Applies to but 1 of the 6 wage quotations.
h And board and lodging.
i Applies to but 34 of the 161 wage quotations.
j Applies to but 23 of the 24 wage quotations.
k Applies to but 4 of the 10 wage quotations.
l Applies to but 2 of the 93 wage quotations.
n Not including hours of 118 persons not reported.
o Not including hours of 813 persons not reported.
p Not including hours of 238 persons not reported.
q Not including hours of 627 persons not reported.
r Not including hours of 756 persons not reported.
s Applies to but 1 of the 4 wage quotations.
t And house and fuel.
u Applies to but 21 of the 90 wage quotations.
v Not including hours of 541 persons not reported.
w Not including hours of 1,857 persons not reported.
x Not including hours of 10 persons not reported.
y Not including hours of 25 persons not reported.
z Not including hours of 17 persons not reported.
aa Applies to but 16 of the 67 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS AND JOINERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1899 N. Zealand	681	(a) (a)	44-47 —	1.95-2.23- —
1899 Russia	703	(a) M.	(a)	.67-1.03- —
1899 Scotland	588	(a) (a)	(a)	.98-1.68- —
1899 Scotland	681	(a) (a)	(a)	b.15- .15- .15
1899 Uruguay	157	(a) (a)	c60-60-60	1.50-2.00- —
1899 Wales	588	(a) (a)	d51-53 —	1.34-1.50- —
1900 Ala	18	1284 M.	54-60-54	1.50-3.25-2.48
1900 Cal	18	72 M.	48-48-48	3.00-3.50-3.08
1900 Ga	18	86 M.	59-60-60	1.50-2.75-1.96
1900 Ill	18	6 M.	48-48-48	3.40-3.40-3.40
1900 Mass	18	248 M.	48-48-48	2.40-2.64-2.42
1900 Mont	18	40 M.	53-53-53	4.42-4.42-4.42
1900 N. J	18	537 M.	e53-53-53	2.04-3.00-2.24
1900 N. Y	18	191 M.	44-54-51	1.80-4.00-2.25
1900 N. C	18	186 M.	60-60-60	.80-2.40-1.39
1900 Ohio	18	82 M.	f48-54-51	1.80-2.70-2.22
1900 Pa	18	425 M.	48-48-48	2.80-2.80-2.80

CARPENTERS' AND JOINERS' HELPERS.

1843	N. Y.	190	1	M.	60-60-60	.81- .81- .81	1870	England	178	(a)	M.	(a)	.73- .73- .73
1844	N. Y.	190	1	M.	60-60-60	.81- .81- .81	1870	Norway	610	(a)	M.	(a)	.43- .49- —
1849	N. Y.	190	2	M.	60-60-60	.44- .81- .63	1871	Conn	190	3	M.	60-60-60	1.00-1.00-1.00
1850	N. Y.	190	3	M.	60-60-60	.44- .81- .60	1871	Mass	190	3	M.	60-60-60	1.50-1.50-1.50
1850	England	178	(a)	M.	(a)	.69- .69- .69	1871	N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50
1851	N. Y.	190	2	M.	60-60-60	.56- .88- .72	1871	Italy	610	(a)	M.	60-60-60	.17- .23- —
1852	N. Y.	190	1	M.	60-60-60	.75- .75- .75	1872	Mass	190	4	M.	60-60-60	1.50-1.50-1.50
1853	N. Y.	190	1	M.	60-60-60	.88- .88- .88	1872	N. Y.	190	4	M.	60-60-60	1.50-1.50-1.50
1854	Mass	190	3	M.	60-60-60	.65- .65- .65	1873	Conn	190	2	M.	60-60-60	1.00-1.25-1.13
1854	N. Y.	190	2	M.	60-60-60	.88- .88- .88	1873	Mass	190	4	M.	60-60-60	1.50-1.50-1.50
1855	Mass	190	2	M.	60-60-60	.83- .83- .83	1873	N. Y.	190	4	M.	60-60-60	1.25-1.50-1.44
1855	N. Y.	190	7	M.	60-60-60	.75-1.00- .91	1874	Conn	190	5	M.	60-60-60	1.00-1.25-1.10
1856	Mass	190	3	M.	60-60-60	.75- .75- .75	1874	Mass	190	8	M.	60-60-60	1.33-1.50-1.42
1856	N. Y.	190	7	M.	60-60-60	.75-1.00- .86	1874	N. Y.	190	12	M.	60-60-60	1.13-1.66-1.47
1857	Mass	190	1	M.	60-60-60	.83- .83- .83	1875	Conn	190	4	M.	60-60-60	1.00-1.25-1.11
1857	N. Y.	190	11	M.	60-60-60	.75-1.00- .91	1875	Mass	190	3	M.	60-60-60	1.50-1.50-1.50
1858	Mass	190	2	M.	60-60-60	.83- .83- .83	1875	N. Y.	190	11	M.	60-60-60	1.25-1.50-1.43
1858	N. Y.	190	10	M.	60-60-60	.75-1.07- .93	1876	Conn	190	1	M.	60-60-60	1.25-1.25-1.25
1859	Conn	190	2	M.	60-60-60	1.00-1.00-1.00	1876	Mass	190	3	M.	60-60-60	1.25-1.25-1.25
1859	Mass	190	1	M.	60-60-60	.83- .83- .83	1876	N. Y.	190	22	M.	59-60-60	1.00-1.91-1.49
1859	N. Y.	190	3	M.	60-60-60	.81-1.00- .94	1876	Pa	381	1	M.	(a)	1.35-1.35-1.35
1860	Conn	190	1	M.	60-60-60	1.00-1.00-1.00	1877	Conn	190	2	M.	60-60-60	1.25-1.67-1.46
1860	Mass	190	4	M.	60-60-60	.83- .83- .83	1877	Mass	190	18	M.	60-60-60	1.00-1.25-1.08
1860	N. Y.	190	2	M.	60-60-60	.75- .81- .78	1877	N. Y	190	10	M.	59-60-60	1.00-1.91-1.58
1860	England	178	(a)	M.	(a)	.69- .69- .69	1877	England	178	(a)	M.	(a)	.88- .88- .88
1861	Conn	190	2	M.	60-60-60	1.25-1.38-1.32	1878	Mass	190	6	M.	60-60-60	1.12-1.25-1.19
1861	Mass	190	3	M.	60-60-60	.83- .83- .83	1878	N. Y	190	15	M.	60-60-60	1.00-1.91-1.63
1861	N. Y.	190	3	M.	60-60-60	.75- .88- .79	1878	Pa	383	10	M.	60-60-60	1.00-1.00-1.00
1862	Conn	190	1	M.	60-60-60	1.33-1.33-1.33	1878	Italy	177	(a)	M.	(a)	.40- .50- —
1862	Mass	190	3	M.	60-60-60	.75- .75- .75	1879	Conn	190	1	M.	60-60-60	1.33-1.33-1.33
1862	N. Y.	190	10	M.	60-60-60	.75-1.50-1.11	1879	Mass	190	10	M.	60-60-60	1.00-1.25-1.15
1863	Conn	190	2	M.	60-60-60	1.25-1.25-1.25	1879	N. Y	190	31	M.	60-60-60	1.00-1.75-1.51
1863	Mass	190	5	M.	60-60-60	1.00-1.00-1.00	1880	Conn	190	3	M.	60-60-60	1.33-2.00-1.67
1863	N. Y.	190	16	M.	60-60-60	.88-1.75-1.25	1880	Ill	205	28	M.	g48-60-52	1.00-1.50-1.27
1864	Conn	190	12	M.	60-60-60	.75-1.75-1.43	1880	Mass	190	19	M.	60-60-60	1.00-1.25-1.21
1864	Mass	190	6	M.	60-60-60	1.00-1.00-1.00	1880	N. Y	190	55	M.	60-60-60	1.13-1.75-1.53
1864	N. Y.	190	10	M.	60-60-60	1.25-1.88-1.61	1881	Mass	190	4	M.	60-60-60	1.00-1.33-1.25
1865	Conn	190	6	M.	60-60-60	1.25-1.75-1.46	1881	N. Y	190	19	M.	60-60-60	.75-1.75-1.48
1865	Mass	190	3	M.	60-60-60	1.25-1.25-1.25	1882	Mass	190	7	M.	60-60-60	1.00-1.25-1.18
1865	N. Y.	190	6	M.	60-60-60	1.38-1.88-1.65	1882	N. Y	190	14	M.	60-60-60	.50-1.88-1.37
1866	Mass	190	6	M.	60-60-60	1.75-1.75-1.75	1883	Conn	190	11	M.	60-60-60	1.00-2.00-1.74
1866	N. Y.	190	4	M.	60-60-60	1.38-1.88-1.72	1883	Mass	190	8	M.	60-60-60	1.00-1.25-1.16
1867	Mass	190	5	M.	60-60-60	1.50-1.50-1.50	1883	N. Y	190	20	M.	60-60-60	1.00-1.95-1.64
1867	N. Y.	190	4	M.	60-60-60	1.38-1.88-1.56	1883	England	43	(a)	(a)	(a)	.97- .97- .97
1868	Mass	190	4	M.	60-60-60	1.25-1.50-1.38	1883	England	178	(a)	M.	(a)	.92- .92- .92
1868	N. Y.	190	4	M.	60-60-60	1.50-1.50-1.50	1883	Wales	43	(a)	(a)	(a)	.73- .85- —
1869	Conn	190	16	M.	60-60-60	1.00-2.00-1.47	1884	Conn	190	9	M.	60-60-60	1.25-2.00-1.65
1869	Mass	190	7	M.	60-60-60	1.33-1.50-1.45	1884	Mass	190	9	M.	60-60-60	1.00-1.25-1.17
1869	N. Y.	190	3	M.	60-60-60	.58-1.50-1.19	1884	N. J	323	3	M.	60-60-60	1.30-1.40-1.33
1869	Germany	609	(a)	(a)	54-66 —	.43- .51- —	1884	N. Y	190	16	M.	60-60-60	1.13-1.95-1.51
1870	Conn	190	14	M.	60-60-60	1.00-2.00-1.30	1884	Aust-Hun	178	(a)	M.	60-60-60	.32- .48- —
1870	Mass	190	8	M.	60-60-60	1.25-1.50-1.41	1884	Ceylon	178	(a)	(a)	58-58-58	.10- .12- —
1870	N. Y.	190	2	M.	60-60-60	1.50-1.50-1.50	1884	England	178	(a)	M.	54-55 —	.97-1.01- —

a Not reported.
b Per hour.
c Applies to but 1 of the 3 wage quotations.
d Applies to but 2 of the 3 wage quotations.
e Not including hours of 507 persons not reported.
f Not including hours of 17 persons not reported.
g Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPENTERS' AND JOINERS' HELPERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany	178	(a) M.	(a)	0.95-1.43- —
1884 Persia	178	(a) (a)	(a)	.20- .65- —
1884 Peru	178	(a) M.	54-54-54	.82-1.31- —
1885 Cal	1	6 M.	60-60-60	1.75-1.75-1.75
1885 Conn	190	3 M.	60-60-60	1.67-2.00-1.78
1885 Md	7	2 M.	54-54-54	.58- .58- .58
1885 Mass	190	8 M.	60-60-60	1.00-1.25-1.19
1885 N. H	1	8 M.	60-60-60	1.35-1.35-1.35
1885 N. Y	190	6 M.	60-60-60	1.50-1.95-1.67
1885 Pa	1	1 M.	60-60-60	1.50-1.50-1.50
1885 Pa	7	4 M.	60-60-60	1.33-1.40-1.37
1885 Va	1	19 M.	48-60-54	.67- .85- .76
1886 Conn	190	2 M.	54-54-54	1.50-2.00-1.75
1886 Mass	190	7 M.	60-60-60	1.25-1.25-1.25
1886 N. Y	190	12 M.	60-60-60	.50-1.75-1.48
1886 N. Y	331	71 M.	b52-59-54	.42-3.00-1.68
1886 Pa	7	3 M.	60-60-60	1.33-1.42-1.39
1886 Belgium	456	(a) M.	(a)	.23- .25- —
1886 Belgium	456	(a) (a)	(a)	.36- .36- .36
1887 Conn	4	4 M.	(a)	1.38-1.75-1.58
1887 Conn	190	6 M.	54-54-54	1.25-2.00-1.63
1887 Del	4	4 M.	(a)	c.14- .20- .16
1887 Fla	4	6 M.	(a)	.50-1.25- .96
1887 Me	4	2 M.	(a)	1.25-1.25-1.25
1887 Md	4	155 M.	(a)	.80-1.75-1.23
1887 Md	4	3 M.	(a)	c.15- .15- .15
1887 Mass	4	2 M.	(a)	1.25-1.25-1.25
1887 Mass	190	13 M.	60-60-60	1.00-1.33-1.19
1887 Mo	4	28 M.	(a)	1.40-1.75-1.50
1887 Nebr	312	41 (a)	54-60-58	1.40-2.00-1.59
1887 N. J	4	28 M.	(a)	1.20-1.60-1.32
1887 N. Y	4	13 M.	(a)	1.25-1.53-1.36
1887 N. Y	190	9 M.	60-60-60	1.00-1.75-1.50
1887 Oregon	4	39 M.	(a)	2.00-3.00-2.13
1887 Pa	4	135 M.	(a)	1.00-2.15-1.48
1887 Pa	4	6 M.	(a)	c.07½-.12½-.09½
1887 R. I	4	3 M.	(a)	1.25-1.75-1.43
1887 Va	4	2 M.	(a)	1.00-1.25-1.13
1887 Wis	4	12 M.	(a)	1.00-1.50-1.28
1887 Germany	6	(a) M.	(a)	.48- .48- .48
1888 Conn	190	5 M.	54-54-54	1.25-2.00-1.65
1888 Mass	190	9 M.	60-60-60	1.00-1.33-1.18
1888 N. J	326	89 M.	(a)	2.17-2.17-2.17
1888 N. Y	190	4 M.	60-60-60	1.25-1.75-1.50
1888 N. Y	331	16 M.	d53-60-59	1.00-2.00-1.54
1888 R. I	6	1 M.	60-60-60	1.50-1.50-1.50
1889 Conn	190	11 M.	54-54-54	1.25-2.00-1.52
1889 Ind	5	1 M.	60-60-60	1.50-1.50-1.50
1889 Kans	243	9 M.	d60-60-60	1.50-2.00-1.55
1889 Me	6	1 M.	60-60-60	1.25-1.25-1.25
1889 Md	5	1 M.	60-60-60	1.25-1.25-1.25
1889 Mass	190	12 M.	60-60-60	1.00-1.33-1.17
1889 Mich	5	4 M.	60-60-60	1.80-1.80-1.80
1889 N. Y	5	1 M.	(a)	1.50-1.50-1.50
1889 N. Y	190	8 M.	54-60-59	.90-1.75-1.33
1889 Pa	5	2 M.	d56-56-56	1.50-1.50-1.50
1889 R. I	6	2 M.	(a)	1.31-1.34-1.33
1889 Denmark	520	(a) (a)	(a)	.62- .62- .62
1890 Conn	190	6 M.	54-54-54	1.25-2.00-1.64
1890 Mass	190	14 M.	60-60-60	1.00-1.25-1.11
1890 N. Y	190	5 M.	54-60-55	1.13-1.75-1.45
1890 N. Y	333	18 M.	(a)	1.25-1.65-1.42
1891 Conn	190	8 M.	54-54-54	1.25-2.00-1.60
1891 Mass	190	12 M.	60-60-60	1.00-1.25-1.15
1891 N. Y	190	3 M.	54-60-56	.50-1.58-1.14
1891 N. Y	333	17 M.	(a)	1.25-2.17-1.49
1891 Belgium	457	(a) M.	(a)	.50- .50- .50
1892 Conn	190	6 M.	54-54-54	.84-1.00- .95
1892 Del	20	5 M.	60-60-60	1.00-1.67-1.27
1892 Mass	20	1 M.	60-60-60	.75- .75- .75
1892 Mass	190	11 M.	60-60-60	1.00-1.25-1.16
1892 N. Y	190	3 M.	54-54-54	1.50-1.50-1.50
1892 Pa	20	8 M.	60-60-60	1.40-1.65-1.43
1892 France	505	(a) M.	60-60 —	.58- .77- —
1892 Italy	112	(a) M.	66-66-66	.40- .50- —
1893 Del	20	4 M.	60-60-60	1.00-1.67-1.17
1893 Mass	20	1 M.	60-60-60	1.25-1.25-1.25
1893 Ohio	374	24 M.	60-60-60	1.35-1.35-1.35
1893 Pa	20	6 M.	60-60-60	1.20-1.80-1.40
1894 Del	20	2 M.	60-60-60	1.00-1.00-1.00
1894 Ohio	20	1 M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	3 M.	60-60-60	.50- .50- .50
1894 Pa	20	11 M.	60-60-60	1.20-1.60-1.24
1894 W. Va	406	2 M.	48-48-48	1.12-1.20-1.16
1895 Del	20	6 M.	60-60-60	1.00-1.00-1.00
1895 La	7	1 M.	60-60-60	1.00-1.00-1.00
1895 Md	7	2 M.	54-54-54	.42- .54- .48
1895 Mass	7	6 M.	60-60-60	1.50-1.50-1.50
1895 Mass	20	1 M.	60-60-60	1.50-1.50-1.50
1895 N. Y	8	2 M.	60-60-60	1.25-1.25-1.25
1895 Ohio	20	6 M.	60-60-60	1.50-1.50-1.50
1895 Pa	20	5 M.	60-60-60	1.20-1.60-1.28
1895 Canada	187	(a) M.	60-60-60	.67- .67- .67
1895 Norway	690	(a) M.	(a)	.54- .54- .54
1896 Mass	14	35 M.	56-77-59	1.68-2.20-1.89
1896 N. Y	14	58 M.	40-77-47	1.50-2.40-2.16
1896 Pa	7	9 M.	60-60-60	1.33-1.58-1.38
1896 Pa	14	15 M.	48-60-56	1.50-1.75-1.64
1896 Pa	394	1 M.	60-60-60	1.50-1.50-1.50
1896 Wis	7	1 M.	60-60-60	1.25-1.25-1.25
1896 Colombia	184	(a) M.	(a)	1.00-1.20- —
1897 Belgium	144	(a) M.	(a)	c.05½-.05½-.05½
1898 Nebr	314	25 (a)	48-48-48	1.75-2.00-1.90
1898 Ohio	18	2 M.	(a)	1.20-1.20-1.20
1898 Pa	18	8 M.	(a)	1.25-1.75-1.56
1898 Denmark	493	(a) M.	(a)	.71-1.07- —
1899 Ohio	18	2 M.	(a)	1.30-1.30-1.30
1899 Pa	18	10 M.	(a)	1.25-1.80-1.62
1899 Belgium	455	(a) (a)	(a)	.39- .39- .39

CARPET CLEANERS.

1871	Scotland	629	(a)	M.	60-60-60	.28- .77- —	1888	N. Y	331	14	M.	55-60-59	1.00-2.00-1.62
1871	Scotland	629	(a)	F.	60-60-60	.18- .36- —	1889	Germany	179	(a)	F.	65-65-65	.28- .28- .28
1882	Mo	294	4	M.	60-60-60	1.50-2.50-1.75	1893	Md	10	1	M.	60-60-60	1.67-1.67-1.67
1884	Mich	278	1	M.	(a)	2.00-2.00-2.00	1893	Pa	10	1	M.	50-50-50	1.33-1.33-1.33
1886	England	601	(a)	M.	57-57-57	.83- .83- .83	1894	Ohio	374	1	F.	(a)	1.25-1.25-1.25
1887	Ohio	369	9	M.	57-57-57	2.00-2.00-2.00							

a Not reported.
b Not including hours of 4 persons not reported.
c Per hour.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARPET CUTTERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1855 N. Y	8	2 M.	60-60-60	2.50-2.50-2.50	1895 N. Y	8	4 M.	54-54-54	3.25-3.25-3.25
1885 N. Y	8	2 M.	54-54-54	3.25-3.25-3.25	1897 N. Y	8	2 M.	54-54-54	3.00-3.00-3.00
1894 Iowa	236	2 M.	54-57-56	2.33-3.00-2.67					

CARPET LAYERS.

1882 Pa	7	2 M.	57-57-57	2.00-2.00-2.00	1893 N. Y	10	1 M.	48-48-48	2.00-2.00-2.00
1884 Mich	278	1 M.	(a)	2.50-2.50-2.50	1893 Pa	10	1 M.	56-56-56	2.83-2.83-2.83
1884 N. J	323	2 M.	60-60-60	2.50-2.50-2.50	1894 Ohio	374	1 M.	(a)	2.00-2.00-2.00
1885 N. J	324	2 M.	60-60-60	2.50-2.50-2.50	1895 R. I	7	1 M.	57-57-57	3.00-3.00-3.00
1886 Ill	7	9 M.	54-54-54	2.50-3.00-2.67	1895 S. C	7	1 M.	66-66-66	3.33-3.33-3.33
1886 Ohio	368	1 M.	(a)	1.32-1.32-1.32	1896 Ga	15	1 M.	(a)	1.42-1.42-1.42
1887 Wis	409	7 M.	(a)	2.75-2.75-2.75	1896 Ill	7	16 M.	54-54-54	2.00-3.00-2.42
1888 N. Y	331	9 M.	58-67-60	.83-2.67-1.80	1896 Pa	7	2 M.	59-59-59	2.00-2.00-2.00
1892 Mo	301	60 M.	(a)	3.67-3.67-3.67	1897 Australia	418	(a) (a)	(a)	c.24½-.24½-.24½
1893 Ill	10	1 M.	54-54-54	1.00-1.00-1.00	1898 Australia	419	(a) (a)	(a)	c.24½-.24½-.24½
1893 Mont	307	2 M.	b51-51-51	3.83-4.60-4.22					

CARPET MAKERS.

1870 Netherl'ds	610	(a) M.	66-66-66	.44- .44- .44	1890 Aust-Hun	632	(a) M.	(a)	d. 09½-.26- —
1872 Netherl'ds	612	(a) (a)	66-66-66	.44- .44- .44	1891 China	105	(a) (a)	(a)	.25- .25- .25
1875 France	177	(a) (a)	(a)	.80-1.40- —	1895 Japan	135	(a) (a)	(a)	.03- .10- —
1890 Aust-Hun	632	(a) M.	(a)	.32- .64- —					

CARPET SEWERS.

1855 N. Y	8	3 F.	60-60-60	1.00-1.00-1.00	1887 Minn	3	16 F.	54-57-56	.50-1.17- .88
1858 Ireland	563	(a) F.	54-54-54	.24- .37- —	1887 N. Y	3	31 F.	b52-60-58	.71-1.70-1.31
1859 Ireland	563	(a) F.	54-54-54	.24- .37- —	1887 Ohio	3	6 F.	51-60-55	.63-1.17- .83
1860 Ireland	563	(a) F.	54-54-54	.24- .37- —	1888 Cal	194	3 F.	54-54-54	1.00-1.50-1.33
1863 Ireland	565	(a) (a)	(a)	.32- .32- .32	1888 Ga	3	12 F.	57-60-60	.21-1.00- .83
1871 England	629	(a) (a)	(a)	.65- .65- .65	1888 Ind	3	11 F.	54-60-58	.36-1.67- .79
1879 Ill	3	1 F.	(a)	1.50-1.50-1.50	1888 N. Y	331	2 M.	60-60-60	.83- .83- .83
1882 Pa	7	12 F.	57-57-57	.83-1.33-1.08	1888 S. C	3	5 F.	60-61-60	.57-1.00- .71
1883 Ind	3	1 F.	(a)	.83- .83- .83	1888 Germany	558	(a) F.	60-60-60	.40- .40- .40
1884 Mich	278	4 F.	(a)	.75-1.50-1.25	1888 Germany	558	(a) (a)	60-60-60	.71- .71- .71
1884 N. J	323	3 F.	60-60-60	1.25-1.25-1.25	1889 Kans	243	1 F.	(a)	.75- .75- .75
1884 Ohio	3	1 F.	(a)	.58- .58- .58	1889 R. I	398	1 F.	54-54-54	1.17-1.17-1.17
1884 Pa	7	8 F.	60-60-60	1.00-1.00-1.00	1890 Australia	423	(a) F.	48-48-48	.49- .81- —
1884 Italy	178	(a) M.	(a)	.20- .30- —	1890 Netherl'ds	666	(a) F.	15-15-15	.16- .16- .16
1885 Ill	3	2 F.	(a)	.83-1.50-1.17	1891 Mich	283	8 F.	(a)	1.00-1.13-1.06
1885 N. J	324	3 F.	60-60-60	1.00-1.50-1.17	1892 Germany	184	(a) F.	(a)	.40- .40- .40
1885 N. Y	8	2 F.	54-54-54	1.25-1.25-1.25	1893 Ill	10	1 M.	60-60-60	1.50-1.50-1.50
1885 R. I	3	1 F.	(a)	1.00-1.00-1.00	1893 Ill	10	2 F.	60-60-60	.83-1.00- .92
1886 Minn	3	1 F.	(a)	.83- .83- .83	1893 N. Y	10	6 F.	b53-60-58	.83-1.50-1.17
1886 Mo	3	5 F.	59-60-60	1.00-1.67-1.43	1893 Pa	10	2 F.	60-60-60	.50- .50- .50
1886 R. I	3	7 F.	b53-59-55	.83-1.33-1.05	1894 Ind	228	5 F.	57-59-57	.67-1.00- .87
1886 Germany	184	(a) F.	(a)	.40- .40- .40	1895 R. I	7	1 M.	57-57-57	1.17-1.17-1.17
1887 Cal	3	4 F.	53-53-53	1.00-1.50-1.38	1895 R. I	7	4 F.	57-57-57	.83-1.50-1.17
1887 Ill	3	2 F.	54-54-54	1.17-1.25-1.21	1896 Pa	7	10 F.	59-59-59	.83-1.67-1.22
1887 Ind	3	1 F.	(a)	.75- .75- .75	1897 N. Y	8	2 F.	54-54-54	1.25-1.25-1.25
1887 Ky	3	3 F.	57-57-57	.67-1.00- .83	1897 Australia	428	(a) F.	(a)	.41-1.01- —
1887 Mass	3	8 F.	51-54-51	1.00-1.42-1.18	1898 Australia	429	(a) F.	(a)	.41-1.01- —

a Not reported.
b Not including hours of 1 person not reported.
c Per hour.
d And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CAR REPAIRERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Ohio	361	1 M.	(a)	2.36-2.36-2.36
1871 Mass	267	3 M.	60-60-60	2.50-2.50-2.50
1872 Ohio	361	1 M.	(a)	2.36-2.36-2.36
1874 Pa.	380	42 M.	(a)	2.08-2.08-2.08
1874 Canada	185	(a) M.	60-60-60	2.08-2.08-2.08
1875 Pa.	380	41 M.	60-60-60	1.56-1.56-1.56
1876 Pa.	381	71 M.	b 60-60-60	1.50-1.75-1.61
1877 Pa.	382	36 M.	c 48-60-49	1.00-2.49-1.37
1878 Ohio	360	1 M.	60-60-60	1.50-1.50-1.50
1878 Pa.	383	64 M.	b 48-48-48	1.15-1.65-1.49
1879 Ohio	361	2 M.	(a)	1.67-1.92-1.80
1879 Canada	177	(a) M.	(a)	d .12- .20- —
1880 Ill.	205	125 M.	49-72-55	1.10-1.58-1.26
1882 Mo.	294	2 M.	60-60-60	1.75-1.90-1.83
1884 Mich.	278	3 M.	(a)	1.50-2.00-1.67
1884 Mo.	295	3 M.	60-60-60	2.25-3.00-2.50
1884 N. J.	323	1 M.	60-60-60	2.00-2.00-2.00
1884 Canada	178	(a) (a)	(a)	d .12½-.17½- —
1884 Canada	466	(a) M.	60-63 —	1.50-1.70- —
1884 England	178	(a) M.	(a)	.85-1.14- —
1884 Peru	178	(a) M.	54-54-54	.82-1.64- —
1884 Spain	178	(a) M.	60-60-60	.49- .73- —
1885 Iowa	231	24 M.	57-57-57	1.75-1.75-1.75
1885 Mich.	279	423 M.	(a)	1.00-3.00-1.60
1885 Mo.	296	3 M.	60-60-60	2.25-3.00-2.50
1885 Vt.	1	33 M.	60-60-60	1.25-1.80-1.27
1885 Canada	467	(a) M.	59-59-59	1.49-1.64- —
1886 Iowa	232	39 M.	e 54-60-54	1.36-1.65-1.40
1886 Kans.	240	13 M.	f 48-60-58	1.48-2.40-1.79
1886 Ohio	368	1 M.	(a)	1.83-1.83-1.83
1886 Canada	468	(a) M.	60-60-60	1.44-1.64- —
1887 Fla.	4	6 M.	(a)	1.00-2.50-1.45
1887 Kans.	241	34 M.	60-60-60	1.35-2.50-1.65
1887 Kans.	242	1 M.	(a)	1.50-1.50-1.50
1887 Md.	4	404 M.	(a)	.90-1.92-1.23
1887 Mass.	4	509 M.	(a)	1.00-2.70-1.70
1887 Mich.	4	121 M.	g 60-60-60	1.25-2.68-1.49
1887 Mich.	4	33 M.	(a)	d .13½-.16- .14
1887 Mo.	4	303 M.	(a)	1.50-2.50-1.85
1887 Nebr.	312	395 (a)	54-60-58	1.00-3.33-1.69
1887 N. Y.	4	186 M.	(a)	1.00-1.98-1.49
1887 N. Y.	4	395 M.	(a)	d .12½-.18½- .14
1887 Ohio	369	171 M.	60-60-60	1.30-1.95-1.53
1887 Oregon	4	82 M.	(a)	1.00-3.26-2.09
1887 Pa.	4	815 M.	(a)	.77-2.50-1.50
1887 Pa.	4	1 M.	(a)	d .13- .13- .13
1887 Wis.	409	41 M.	(a)	1.50-1.51-1.51
1887 Canada	469	(a) M.	64-64-64	1.38-1.38-1.38
1888 Colo.	198	1 M.	60-60-60	2.50-2.50-2.50
1888 Iowa	233	1 M.	72-72-72	1.65-1.65-1.65
1888 Kans.	242	14 M.	h 60-60-60	1.40-2.25-1.88
1888 N. C.	343	1 M.	60-60-60	1.25-1.25-1.25
1888 Ohio	370	21 M.	60-60-60	1.50-2.24-2.17
1888 Canada	470	(a) M.	60-60-60	1.60-1.60-1.60
1889 Ala.	5	1 M.	(a)	2.00-2.00-2.00
1889 Ill.	5	2 M.	(a)	1.50-1.50-1.50
1889 Kans.	243	363 M.	i 60-60-60	1.40-2.50-1.81
1889 W. Va.	5	1 M.	60-60-60	1.60-1.60-1.60
1889 Canada	471	(a) M.	56-57 —	1.47-1.50- —
1889 England	5	(a) M.	56-56-56	.51-1.40- —
1890 Conn.	203	26 M.	j 54-60-60	2.00-3.00-2.18
1890 Kans.	244	6 M.	(a)	1.39-2.25-1.86
1890 Minn.	292	39 M.	(a)	1.50-2.10-1.74
1891 Mo.	300	54 M.	(a)	.86-2.35-1.79
1892 Cal.	196	2 M.	60-60-60	2.50-2.68-2.59
1892 Iowa	235	5 M.	60-60-60	1.50-1.92-1.58
1892 Mich.	284	15 M.	(a)	1.27-1.27-1.27
1892 Mo.	301	1 M.	(a)	2.00-2.00-2.00
1893 Ill.	10	2 M.	60-60-60	1.50-2.00-1.75
1893 Mich.	285	131 M.	54-78-60	1.23-2.50-1.62
1893 Mont.	307	29 M.	j 48-66-53	1.70-2.50-2.17
1893 Ohio	374	122 M.	47-72-53	1.25-1.67-1.42
1894 Iowa	236	14 M.	48-60-54	1.25-2.87-1.74
1894 Mont.	308	49 M.	(a)	2.36-3.14-2.52
1894 Mont.	309	7 M.	(a)	2.50-2.50-2.50
1895 Kans.	249	1 M.	48-48-48	1.23-1.23-1.23
1895 Mich.	287	18 M.	(a)	1.25-2.30-1.73
1895 Mo.	304	1 M.	(a)	1.75-1.75-1.75
1895 Mont.	309	18 M.	(a)	2.40-2.68-2.57
1895 Ohio	376	2 M.	60-60-60	1.82-1.82-1.82
1896 Fla.	15	1 M.	(a)	1.17-1.17-1.17
1896 Mont.	310	15 M.	(a)	2.49-2.88-2.85
1896 Nebr.	314	6 (a)	60-60-60	1.75-2.75-2.00
1896 Ohio	377	3 M.	60-60-60	1.82-1.82-1.82
1896 Pa.	394	3 M.	60-60-60	1.30-2.03-1.69
1897 Kans.	251	1 (a)	48-48-48	1.40-1.40-1.40
1897 Mont.	311	2 (a)	(a)	2.40-2.40-2.40
1898 Kans.	252	194 M.	(a)	1.45-2.25-1.78
1898 Mich.	290	48 M.	(a)	1.45-1.45-1.45
1898 Nebr.	314	67 (a)	48-60-53	1.10-2.00-1.74
1898 Nebr.	314	1 (a)	(a)	d .20- .20- .20
1898 Wash.	405	337 (a)	(a)	1.75-3.00-2.28
1899 N. Y.	18	100 (a)	(a)	1.75-1.75-1.75
1900 N. Y.	18	85 (a)	(a)	1.75-1.75-1.75

CARRIAGE MAKERS.

1839	England	562	(a)	M.	61-61-61	1.22-1.22-1.22	1858	England	562	(a)	M.	(a)	1.22-1.22-1.22
1840	Scotland	563	(a)	(a)	60-60-60	.77- .77- .77	1858	Ireland	563	(a)	(a)	60-60-60	2.43-3.24- —
1849	England	562	(a)	M.	61-61-61	1.22-1.22-1.22	1859	England	563	(a)	M.	60-60-60	1.22-1.30- —
1850	Scotland	563	(a)	(a)	60-60-60	.81- .81- .81	1859	Ireland	563	(a)	(a)	60-60-60	2.43-3.65- —
1853	France	712	(a)	M.	(a)	.43- .77- —	1860	Ireland	563	(a)	(a)	60-60-60	1.14-3.65- —
1855	England	561	(a)	(a)	(a)	1.14-1.14-1.14	1860	Scotland	563	(a)	(a)	60-60-60	.85- .85- .85
1855	Ireland	561	(a)	(a)	(a)	2.43-2.43-2.43	1861	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22
1856	England	561	(a)	(a)	(a)	1.14-1.14-1.14	1861	Scotland	564	(a)	(a)	60-60-60	.89- .89- .89
1856	Ireland	561	(a)	(a)	(a)	2.43-2.43-2.43	1863	England	565	(a)	(a)	l 60-60-60	.89-1.22- —
1857	England	561	(a)	(a)	(a)	1.22-1.22-1.22	1863	Ireland	565	(a)	(a)	63-63-63	1.14-1.14-1.14
1857	Ireland	561	(a)	(a)	(a)	2.92-2.92-2.92	1866	Scotland	566	(a)	M.	57-57-57	.93- .93- .93
1857	Ireland	563	(a)	(a)	60-60-60	1.14-1.14-1.14	(m)	Ireland	567	(a)	M.	n 60-60-60	.28-2.03- —
(k)	Scotland	561	(a)	(a)	(a)	.89- .89- .89	1870	Brazil	610	(a)	(a)	(a)	.97-1.56- —

a Not reported.
b Not including hours of 30 persons not reported.
c Not including hours of 19 persons not reported.
d Per hour.
e Not including hours of 5 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 11 persons not reported.
i Not including hours of 50 persons not reported.
j Not including hours of 1 person not reported.
k Average for 1855–57.
l Applies to but 1 of the 3 wage quotations.
m Average for 1867–68.
n Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARRIAGE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Chile	610	(a) (a)	(a)	1.83-2.27- —
1871 England	629	(a) (a)	(a)	1.14-1.46- —
1871 France	712	(a) M.	(a)	.61-1.06- —
1873 Gr't Brit	185	(a) M.	(a)	1.21-1.21-1.21
1873 Sweden	167	(a) M.	66-66-66	.67- .67- .67
1876 Australia	171	(a) M.	(a)	b.26- .32- —
1877 England	570	(a) M.	53-56 —	1.30-1.62- —
1877 Ireland	570	(a) M.	c57-57-57	.28-1.43- —
1878 Belgium	177	(a) M.	(a)	b.09- .09- .09
1878 France	177	(a) M.	(a)	.80-1.20- —
1879 Pa	384	8 M.	60-72-62	1.00-2.25-1.95
1880 N.J	319	3 (a)	59-60-60	1.65-2.00-1.80
1880 England	571	(a) M.	d57-57-57	.24-1.62- —
1880 Ireland	571	(a) M.	45-57 —	.26-1.96- —
1881 Ohio	363	2 M.	60-60-60	1.75-1.75-1.75
1881 Australia	431	(a) (a)	(a)	b.20½-.36½- —
1882 Mo	294	3 M.	60-60-60	2.50-2.50-2.50
1882 Canada	33	(a) (a)	(a)	1.50-2.50- —
1882 Germany	174	(a) (a)	66-66-66	.48- .83- —
1883 Gr't Brit	273	(a) M.	(a)	1.38-1.58- —
1883 Ireland	572	(a) M.	50-56 —	.41-1.87- —
1884 Mich	278	15 M.	(a)	1.50-2.50-2.10
1884 N.J	323	270 M.	e60-60-60	2.00-2.50-2.22
1884 Aust-Hun	178	(a) M.	60-60-60	.40- .80- —
1884 France	178	(a) M.	f60-66 —	.29-1.20- —
1884 Germany	178	(a) M.	(a)	.60-1.19- —
1884 Italy	46	(a) (a)	(a)	.48- .77- —
1884 Switzerl'd	178	(a) M.	60-60-60	.68-1.26- —
1885 N.J	324	170 M.	60-60-60	1.67-3.00-2.00
1885 Australia	431	(a) (a)	(a)	b.20½-.36½- —
1886 Iowa	232	4 M.	(a)	2.00-2.00-2.00
1886 N.Y	331	89 M.	59-60-60	2.00-3.00-2.33
1886 Ohio	368	1 M.	(a)	1.81-1.81-1.81
1886 England	604	(a) M.	(a)	1.29-1.31- —
1886 France	495	(a) M.	(a)	.71-1.16- —
1886 Germany	184	(a) M.	(a)	.77- .77- .77
1886 Ireland	604	(a) M.	(a)	1.14-1.14-1.14
1886 Scotland	604	(a) M.	(a)	1.17-1.17-1.17
1887 N.C	342	5 M.	g60-66-62	1.00-2.00-1.60
1887 Ohio	369	113 M.	60-60-60	1.75-2.50-2,48
1887 Wis	409	48 M.	(a)	1.79-1.79-1.79
1887 Netherl'ds	598	(a) (a)	60-60-60	.68- .81- —
1887 Portugal	691	(a) (a)	(a)	.43- .65- —
1888 Kans	242	5 M.	(a)	2.00-2.50-2.40
1888 N.Y	331	46 M.	h59-59-59	2.50-2.50-2.50
1888 N.C	343	7 M.	60-72-63	.75-1.92-1.36
1888 Canada	470	(a) M.	60-60-60	1.57-1.57-1.57
1889 N.C	344	1 M.	60-60-60	1.50-1.50-1.50
1889 Canada	471	(a) M.	59-59-59	1.68-1.68-1.68
1889 Italy	95	(a) (a)	(a)	.60-1.60- —
1889 Portugal	691	(a) (a)	(a)	.11-1.94- —
1890 Netherl'ds	666	(a) M.	60-72 —	.44- .76- —
1891 France	505	(a) M.	60-60-60	1.45-1.45-1.45
1891 France	522	(a) M.	(a)	.71-1.16- —
1892 England	632	(a) M.	54-59 —	.61-1.46- —
1892 Germany	184	(a) M.	(a)	.83- .83- .83
1892 Spain	115	(a) M.	(a)	.70- .80- —
1893 Ill	10	3 M.	58-60-59	2.00-3.00-2.50
1893 Md	10	1 M.	57-57-57	1.33-1.33-1.33
1893 Mont	307	2 M.	54-54-54	3.50-4.00-3.75
1893 France	507	(a) (a)	66-66-66	1.16-1.25- —
1893 Netherl'ds	632	(a) M.	(a)	1.01-1.01-1.01
1894 Ind	228	4 M.	58-58-58	2.06-2.06-2.06
1894 Iowa	236	7 M.	45-60-51	1.00-3.00-1.86
1894 N.C	348	3 (a)	60-60-60	1.50-2.00-1.67
1894 Ohio	374	2 M.	(a)	1.67-2.00-1.84
1895 N.C	349	6 M.	60-60-60	1.25-2.50-1.92
1895 Japan	145	(a) (a)	(a)	.16- .26- —
1895 Spain	133	(a) M.	(a)	.70- .80- —
1896 Nebr	314	12 (a)	48-60-57	1.50-3.00-2.08
1896 N.C	350	6 M.	i60-60-60	1.00-2.00-1.50
1896 France	184	(a) (a)	(a)	1.40-1.80- —
1897 Conn	204	1 M.	60-60-60	2.50-2.50-2.50
1897 Kans	251	1 M.	60-60-60	2.00-2.00-2.00
1897 Japan	145	(a) (a)	(a)	.20- .30- —
1898 Nebr	314	39 (a)	54-72-62	.96-4.00-2.12
1899 N.C	353	5 M.	60-72-62	1.00-3.00-1.80

CARRIAGEMEN, LUMBER.

1884	Mich	278	4	M.	(a)	1.95-3.00-2.35	1893	Canada	191	(a)	M.	66-66-66	1.38-1.50- —
1885	Mich	279	5	M.	66-66-66	1.50-3.00-2.17	1894	Minn	191	8	M.	60-60-60	1.75-2.00-1.80
1891	Minn	191	4	M.	60-60-60	1.75-2.00-1.94	1894	Canada	191	(a)	M.	66-66-66	1.38-1.50- —
1891	N.Y	333	3	M.	(a)	1.25-1.38-1.29	1895	Minn	191	8	M.	60-60-60	1.75-1.80-1.77
1891	Canada	191	(a)	M.	66-66-66	1.38-1.50- —	1895	Canada	191	(a)	M.	60-60-60	1.38-1.50- —
1892	Minn	191	4	M.	60-60-60	1.85-2.00-1.96	1896	Minn	191	6	M.	60-60-60	1.75-2.00-1.82
1892	Canada	191	(a)	M.	66-66-66	1.38-1.50- —	1896	Canada	191	(a)	M.	60-60-60	1.38-1.75- —
1893	Minn	191	4	M.	60-60-60	2.00-2.00-2.00							

CARRIAGE TOP MAKERS.

1875	N.Y	8	1	M.	60-60-60	2.00-2.00-2.00	1891	N.Y	333	11	M.	(a)	1.24-1.24-1.24
1887	Canada	469	(a)	M.	55-55-55	1.52-1.67- —	1893	Ohio	374	25	M.	48-48-48	1.75-1.75-1.75
1890	N.Y	333	7	M.	(a)	1.24-1.24-1.24	1896	Mich	288	1	M.	60-60-60	1.75-1.75-1.75

a Not reported.
b Per hour.
c Applies to but 1 of the 2 wage quotations.
d Applies to but 2 of the 4 wage quotations.
e Not including hours of 150 persons not reported.
f Applies to but 4 of the 8 wage quotations.
g Not including hours of 2 persons not reported.
h Not including hours of 5 persons not reported.
i Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARRIAGE WASHERS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884	Mich.	278	1 M.	(a)	1.50-1.50-1.50
1892	C. of G'd H.	486	(a) M.	(a)	.71- .71- .71
1893	Ill.	10	1 M.	84-84-84	1.00-1.00-1.00
1893	Scotland	577	(a) M.	(b)	0.97-0.97-0.97
1898	France	512	(a) M.	75-75-75	.72- .72- .72

CARRIERS, BAKERY.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890	Netherl'ds	666	(a) M.	(a)	.47- .80- —
1894	France	129	(a) F.	(a)	.48- .48- .48
1897	Ill.	8	2 M.	60-60-60	1.00-1.67-1.34

CARRIERS, BUTTONS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885	N. Y.	7	2 F.	59-59-59	.71- .71- .71
1895	N. Y.	7	2 F.	59-59-59	.67- .67- .67

CARRIERS, CANNED GOODS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1851	Md.	8	4 M.	60-60-60	1.00-1.25-1.13
1855	Md.	8	1 M.	60-60-60	1.00-1.00-1.00
1865	Md.	8	9 M.	72-72-72	.50-1.00- .69
1871	N. Y.	8	1 M.	60-60-60	1.00-1.00-1.00
1882	N. Y.	8	2 F.	60-60-60	.40- .40- .40
1886	Md.	8	5 M.	60-60-60	1.00-1.00-1.00
1894	Md.	8	20 M.	60-72-68	.75-1.40- .93
1894	N. Y.	8	2 M.	60-60-60	1.25-1.25-1.25
1894	N. Y.	8	5 F.	60-60-60	.70- .70- .70
1894	Ohio	375	6 M.	60-60-60	1.25-1.25-1.25
1894	Ohio	375	2 F.	60-60-60	.75- .75- .75
1895	Md.	8	22 M.	60-60-60	.75-1.50- .97
1896	N. Y.	7	4 M.	60-60-60	.75- .75- .75

CARRIERS, CARDBOARD.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885	Germany	547	(a) M.	(a)	.52- .60- —

CARRIERS, EVAPORATED FRUIT.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886	Cal.	8	1 M.	60-60-60	1.75-1.75-1.75
1887	Cal.	8	2 M.	63-63-63	1.75-1.75-1.75
1896	Cal.	8	3 M.	60-60-60	1.00-1.25-1.17

CARRIERS, GLASS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1841	England	625	(a) (a)	(a)	.16- .20- —
1868	Germany	610	(a) (a)	72-72-72	.12- .12- .12
1872	Belgium	185	(a) (a)	(a)	.77- .77- .77
1882	Germany	38	(a) M.	(a)	.27- .27- .27
1884	Aust-Hun	178	(a) M.	66-66-66	.06- .17- —
1884	France	178	(a) M.	72-72-72	.19- .22- —
1884	Germany	178	(a) M.	65-65-65	.24- .32- —
1885	Cal.	1	40 M.	60-60-60	.50- .50- .50
1886	N. J	325	44 M.	54-54-54	.58-1.00- .78
1890	Cal.	195	14 M.	(a)	.50- .50- .50
1890	Ind	6	10 M.	60-60-60	1.50-1.50-1.50
1891	N. Y.	333	6 M.	(a)	.46- .46- .46
1891	Ohio	372	51 M.	54-54-54	.70- .90- .81
1891	Belgium	457	(a) M.	60-60-60	.39- .39- .39
1893	France	507	(a) (a)	48-48-48	.29- .29- .29
1896	Aust-Hun	436	(a) (a)	45-45-45	.30- .30- .30
1897	Ohio	377	6 M.	54-54-54	1.50-1.50-1.50

CARRIERS, HOSIERY AND KNIT GOODS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895	N. H	8	1 M.	60-60-60	.85- .85- .85
1895	Pa	8	15 M.	60-60-60	.50- .67- .59

a Not reported. b 105-105-105 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARRIERS-IN, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	24 M.	(a)	0.80-0.80-0.80	1890 Md	6	25 M.	(a)	0.40-0.40-0.40
1876 Pa	382	25 M.	(a)	.80- .80- .80	1890 Mo	6	48 M.	d 54-54-54	.50- .50- .50
1881 N. J	320	29 M.	(a)	.50- .69- .63	1890 N. J	6	119 M.	e 48-54-51	.45-1.25- .70
1882 Pa	2	16 M.	58-58-58	.67- .67- .67	1890 N. Y	6	116 M.	(a)	.42- .83- .55
1883 Pa	2	82 M.	58-60-60	.59- .60- .60	1890 N. Y	333	5 M.	(a)	.46- .55- .50
1885 Ohio	1	19 M.	60-60-60	.70- .70- .70	1890 Ohio	6	127 M.	f 54-54-54	.50- .67- .58
1885 Pa	1	16 M.	60-60-60	.66- .80- .69	1890 Pa	6	306 M.	g 51-54-53	.50-1.00- .67
1885 W. Va	1	6 M.	60-60-60	.50- .50- .50	1891 N. Y	333	16 M.	(a)	.46- .54- .50
1886 Pa	7	6 M.	48-48-48	.67- .67- .67	1892 Ohio	373	167 M.	44-60-53	.50-1.25- .70
1888 N. Y	331	25 M.	48-50-48	.50- .58- .57	1895 Canada	187	(a) M.	(a)	.50- .70- —
1889 Ind	6	40 M.	54-54-54	.42- .42- .42	1896 Pa	7	10 M.	48-48-48	.73- .73- .73
1889 N. Y	6	10 M.	(a)	.59- .75- .67	1897 Ohio	377	98 M.	48-57-54	.50- .70- .66
1890 Ill	6	108 M.	b 54-54-54	.50- .75- .61	1898 N. J	329	150 M.	54-54-54	.46-1.00- .62
1890 Ind	6	54 M.	c 54-54-54	.42-1.00- .54					

CARRIERS, MINING.

1863 Ireland	565	(a)	(a)	(a)	.73- .73- .73	1891 Br. India	620	(a)	(a)	i 36-54 —	.01½-.04½- —
1875 Japan	613	(a)	M.	(a)	.09- .11- —	1891 Italy	641	(a)	M.	(a)	.42- .42- .42
1875 Japan	613	(a)	F.	(a)	.11- .11- .11	1892 Italy	641	(a)	M.	(a)	.40- .40- .40
1884 Ceylon	178	(a)	(a)	60-60-60	.10- .23- —	1894 Italy	641	(a)	M.	(a)	.34- .34- .34
1891 Br. India	620	(a)	M.	36-36-36	.06½-.09- —	1896 Italy	641	(a)	M.	(a)	.39- .39- .39
1891 Br. India	620	(a)	F.	h 48-54 —	.03½-.09½- —	1897 Italy	641	(a)	M.	(a)	.40- .40- .40

CARRIERS-OUT, GLASS.

1890 Pa	6	5	M.	(a)	.67-2.52-1.31	....	....	....	....	.. .	....

CARRIERS-OVER, GLASS.

1885 W. Va	1	6	M.	60-60-60	.60- .60- .60	1890 Pa	6	62	M.	(a)	.50-2.10- .57
1890 Ind	6	38	M.	(a)	.40- .40- .40	1892 Ohio	373	24	M.	53-53-53	.70- .70- .70
1890 Md	6	19	M.	(a)	.40- .40- .40						

CARRIERS, PAPER PRODUCTS.

1896 Conn	8	1	M.	60-60-60	1.50-1.50-1.50	1896 Conn	8	3	F.	60-60-60	.60- .60- .60

CARRIERS, TEXTILES.

1874 England	713	(a)	(a)	(a)	.85- .85- .85	1891 N. Y	333	3	M.	(a)	.60-1.00- .78
1874 Germany	713	(a)	(a)	(a)	.48- .48- .48	1892 R. I	20	1	M.	60-60-60	1.65-1.65-1.65
1885 Mass	7	3	M.	60-60-60	1.30-1.30-1.30	1893 R. I	20	1	M.	60-60-60	1.65-1.65-1.65
1885 N. Y	1	11	F.	60-60-60	.53- .53- .53	1895 Mass	7	7	M.	58-58-58	.87-1.50-1.24
1885 Pa	7	1	M.	60-60-60	.67- .67- .67	1896 Pa	7	1	M.	60-60-60	1.00-1.00-1.00

a Not reported.
b Not including hours of 26 persons not reported.
c Not including hours of 34 persons not reported.
d Not including hours of 36 persons not reported.
e Not including hours of 63 persons not reported.
f Not including hours of 53 persons not reported.
g Not including hours of 266 persons not reported.
h Applies to but 3 of the 6 wage quotations.
i Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARRIERS, TINWARE.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Mo	3	1	F.	59-59-59	0.75-0.75-0.75	1888 N. Y	331	17	M.	59-59-59	0.75-1.13-0.95

CAR SEALERS.

1877 Pa	382	4	M.	60-60-60	2.11-2.11-2.11	1887 N. Y	4	24	M.	(b)	1.25-1.92-1.59
1878 Pa	383	7	M.	a72-72-72	1.35-1.90-1.66	1887 N. Y	4	5	M.	(b)	c.12-.13¼-.12⅛
1885 Mich	279	5	M.	(b)	1.15-1.20-1.17	1887 Oregon	4	1	M.	(b)	2.00-2.00-2.00
1887 Conn	4	1	M.	(b)	1.51-1.51-1.51	1887 Pa	4	7	M.	(b)	1.35-1.92-1.64
1887 Md	4	2	M.	(b)	1.15-1.50-1.33	1887 R. I	4	1	M.	(b)	1.53-1.53-1.53
1887 Mass	4	31	M.	(b)	1.48-2.17-1.78	1887 Wis	4	1	M.	(b)	1.60-1.60-1.60
1887 Mich	4	14	M.	(b)	1.20-1.92-1.37	1893 Mich	285	12	M.	60-60-60	1.15-2.00-1.47
1887 Mo	4	37	M.	(b)	.96-1.92-1.56						

CAR STARTERS, COAL MINING.

1891 Belgium	457	(b)	M.	(b)	.33- .54- —	....	.....	....	....	...	.....	.....

CAR TRACERS.

1885 Mich	279	1	M.	(b)	1.00-1.00-1.00	1887 N. J	4	3	M.	(b)	2.11-2.11-2.11
1887 Conn	4	1	M.	(b)	3.83-3.83-3.83	1887 Pa	4	1	M.	(b)	.77- .77- .77
1887 Mo	4	7	M.	(b)	2.20-3.83-3.25	1893 Ill	10	1	M.	72-72-72	2.69-2.69-2.69

CARTRIDGE MAKERS.

1887 Ohio	3	6	F.	55-55-55	.25-1.33- .96	1894 Ohio	375	18	F.	60-60-60	1.25-1.25-1.25
1888 N. Y	331	3	F.	(b)	.88- .88- .88	1894 Australia	425	(b)	(b)	(b)	.93-1.83- —
1889 Portugal	691	(b)	(b)	(b)	.49-1.44- —	1895 Australia	426	(b)	(b)	(b)	.93-1.83- —
1891 Italy	638	(b)	F.	(b)	.17- .24- —	1896 Australia	427	(b)	(b)	(b)	.93-1.83- —
1892 Australia	424	(b)	M.	(b)	.93-1.70- —	1897 Australia	428	(b)	(b)	(b)	.81-1.62- —
1892 France	505	(b)	F.	63-77 —	.39- .53- —	1898 Australia	429	(b)	(b)	(b)	.81-1.62- —
1893 Italy	639	(b)	F.	(b)	.19- .24- —						

CART WHEELERS, LUMBER.

1891 Canada	191	(b)	M.	66-66-66	1.34-1.50- —	1894 Canada	191	(b)	M.	66-66-66	1.25-1.50- —
1892 Canada	191	(b)	M.	66-66-66	1.34-1.50- —	1895 Canada	191	(b)	M.	60-60-60	1.25-1.50- —
1893 Canada	191	(b)	M.	66-66-66	1.34-1.50- —	1896 Canada	191	(b)	M.	60-60-60	1.25-1.50- —

CARVERS, BONE, HORN, AND IVORY.

1880 Japan	21	(b)	(b)	(b)	.38- .77- —	1891 N. Y	333	7	M.	(b)	2.00-2.75-2.54
1885 N. Y	7	9	M.	59-59-59	2.00-2.50-2.17	1892 France	505	(b)	M.	66-66-66	.77- .84- —
1888 N. Y	331	1	M.	59-59-59	2.50-2.50-2.50	1893 Pa	10	1	M.	48-48-48	2.50-2.50-2.50
1890 N. Y	333	6	M.	(b)	2.75-3.00-2.88	1895 N. Y	7	7	M.	59-59-59	2.00-2.00-2.00

a Not including hours of 4 persons not reported. b Not reported. c Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARVERS, MARBLE AND STONE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 N. Y.	190	2 M.	60-60-60	1.75-2.00-1.88
1841 N. Y.	190	2 M.	60-60-60	1.75-2.00-1.88
1842 N. Y.	190	1 M.	60-60-60	1.75-1.75-1.75
1843 N. Y.	190	1 M.	60-60-60	1.75-1.75-1.75
1844 N. Y.	190	1 M.	60-60-60	1.83-1.83-1.83
1845 N. Y.	190	1 M.	60-60-60	1.83-1.83-1.83
1851 N. Y.	190	1 M.	60-60-60	2.50-2.50-2.50
1853 France	611	(a) M.	(a)	.66- .91- —
1854 Md.	190	2 M.	60-60-60	2.00-2.00-2.00
1854 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00
1855 Md.	190	4 M.	60-60-60	2.25-2.50-2.38
1856 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1857 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1857 France	611	(a) M.	(a)	.77-1.10- —
1858 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1859 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1860 Md.	190	2 M.	60-60-60	2.50-2.50-2.50
1861 Md.	190	1 M.	60-60-60	2.50-2.50-2.50
1863 Md.	190	1 M.	60-60-60	2.50-2.50-2.50
1864 Md.	190	4 M.	60-60-60	2.25-3.25-2.75
1864 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00
1865 Md.	190	2 M.	60-60-60	3.25-3.25-3.25
1865 N. Y.	190	1 M.	60-60-60	3.25-3.25-3.25
1866 Md.	190	3 M.	60-60-60	3.50-3.75-3.58
1866 N. Y.	190	4 M.	60-60-60	3.50-3.50-3.50
1867 Md.	190	4 M.	60-60-60	3.50-3.75-3.63
1867 N. Y.	190	3 M.	60-60-60	3.25-4.00-3.75
1868 Md.	190	2 M.	60-60-60	3.75-3.75-3.75
1868 N. Y.	190	6 M.	60-60-60	3.50-4.50-4.00
1869 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1869 N. Y.	190	7 M.	60-60-60	4.00-4.50-4.29
1870 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1870 N. Y.	190	7 M.	60-60-60	3.50-4.00-3.86
1871 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1871 N. Y.	190	5 M.	60-60-60	3.00-4.00-3.60
1872 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1872 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1873 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1873 N. Y.	190	3 M.	60-60-60	3.50-3.75-3.58
1874 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1874 N. Y.	190	2 M.	60-60-60	3.50-3.75-3.63
1874 Scotland	177	(a) M.	51-51-51	1.70-1.70-1.70
1875 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1875 N. Y.	190	3 M.	60-60-60	3.50-4.00-3.75
1875 Scotland	177	(a) M.	51-51-51	1.87-1.87-1.87
1876 Md.	190	2 M.	60-60-60	4.00-4.00-4.00
1876 Scotland	177	(a) M.	(a)	2.04-2.04-2.04
1877 Md.	190	2 M.	60-60-60	3.25-3.25-3.25
1877 N. Y.	190	2 M.	60-60-60	3.00-4.00-3.50
1877 Scotland	177	(a) M.	51-51-51	2.04-2.04-2.04
1878 Md.	190	2 M.	60-60-60	3.25-3.25-3.25
1878 N. Y.	190	2 M.	60-60-60	2.75-3.00-2.88
1878 Scotland	177	(a) M.	51-54 —	1.80-2.04- —
1879 Md.	190	2 M.	60-60-60	3.25-3.25-3.25
1879 N. Y.	190	2 M.	60-60-60	2.75-3.00-2.88
1880 Md.	190	2 M.	60-60-60	2.75-2.75-2.75
1880 N. Y.	190	3 M.	60-60-60	2.75-3.25-3.00
1880 Germany	546	(a) M.	(a)	.40-1.43- —
1881 Md.	190	2 M.	60-60-60	2.75-3.00-2.88
1881 N. Y.	190	2 M.	60-60-60	3.00-3.50-3.25
1881 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1881 Scotland	29	(a) (a)	51-51-51	1.64-1.64-1.64
1882 Md.	190	3 M.	60-60-60	2.75-4.00-3.25
1882 Mo.	294	5 M.	60-60-60	2.25-4.50-3.20
1882 N. Y.	190	4 M.	60-60-60	3.00-3.50-3.25
1882 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1882 Scotland	37	(a) M.	51-51-51	1.75-1.75-1.75
1883 Md.	190	2 M.	60-60-60	3.00-4.00-3.50
1883 Mass	273	5 M.	(a)	3.00-3.50-3.10
1883 N. Y.	190	4 M.	60-60-60	3.25-3.50-3.44
1883 Gr't Brit	273	(a) M.	(a)	1.22-2.43- —
1883 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1884 Md.	190	2 M.	60-60-60	3.00-4.00-3.50
1884 Mich.	278	3 M.	(a)	2.50-2.50-2.50
1884 N. Y.	190	7 M.	60-60-60	3.25-3.50-3.43
1884 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1884 Malta	178	(a) M.	54-60 —	1.09-1.09-1.09
1884 Netherl'ds	184	(a) (a)	(a)	b.08- .08- .08
1884 Portugal	178	(a) M.	(a)	1.30-2.20- —
1885 Md.	190	3 M.	60-60-60	3.00-4.00-3.42
1885 N. Y.	190	2 M.	60-60-60	3.25-3.50-3.38
1885 France	113	(a) M.	(a)	1.35-1.35-1.35
1885 Germany	547	(a) M.	(a)	.36- .79- —
1885 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1886 Md.	190	1 M.	60-60-60	4.00-4.00-4.00
1886 N. Y.	190	6 M.	60-60-60	3.25-3.50-3.46
1886 Aust-Hun	184	(a) (a)	(a)	.65- .97- —
1886 Germany	548	(a) (a)	(a)	1.19-2.18- —
1886 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1887 Md.	190	1 M.	60-60-60	4.00-4.00-4.00
1887 N. Y.	190	4 M.	60-60-60	3.25-3.50-3.44
1887 Germany	557	(a) (a)	c 60-60-60	1.19-1.98- —
1887 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1888 Md.	190	1 M.	60-60-60	4.00-4.00-4.00
1888 N. Y.	190	9 M.	60-60-60	3.25-3.75-3.56
1888 N. Y.	331	14 M.	53-60-54	3.00-3.75-3.66
1888 Aust-Hun	447	(a) M.	(a)	.05½-.86- —
1888 Germany	558	(a) (a)	d 35-57 —	.75-2.14- —
1888 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1889 Md.	190	2 M.	54-60-57	4.00-4.00-4.00
1889 N. Y.	190	5 M.	54-54-54	3.50-3.75-3.60
1889 Germany	550	(a) M.	(a)	.32-1.79- —
1889 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1890 Md.	190	1 M.	54-54-54	4.00-4.00-4.00
1890 N. Y.	190	5 M.	54-54-54	4.00-4.00-4.00
1890 Gr't Brit	575	(a) M.	47-47-47	1.91-1.91-1.91
1891 Md.	190	2 M.	54-54-54	4.00-4.00-4.00
1891 N. Y.	190	13 M.	48-48-48	4.00-4.00-4.00
1891 Ohio	372	1 M.	60-60-60	2.50-2.50-2.50
1891 Belgium	632	(a) (a)	(a)	1.25-1.25-1.25
1891 China	105	(a) (a)	(a)	.31- .31- .31
1891 France	505	(a) M.	60-60-60	1.35-2.70- —
1891 Germany	551	(a) (a)	(a)	.95-2.38- —
1891 Scotland	576	(a) M.	47-47-47	1.75-1.75-1.75
1892 Md.	190	5 M.	54-54-54	3.50-3.50-3.50
1892 N. Y.	190	30 M.	48-48-48	4.00-4.00-4.00
1892 England	111	(a) M.	54-54-54	4.25-4.25-4.25
1892 England	577	(a) M.	47-47-47	1.75-1.75-1.75
1892 England	632	(a) (a)	(a)	b.24½-.30½- —
1893 England	578	(a) M.	47-47-47	1.91-1.91-1.91
1894 Mass	8	1 M.	54-54-54	3.15-3.15-3.15
1894 Australia	425	(a) (a)	(a)	1.95-2.43- —
1894 Aust-Hun	434	(a) M.	(a)	1.02-2.03- —
1894 Netherl'ds	184	(a) (a)	(a)	b.09½-.09½-.09½
1895 Ohio	376	5 M.	48-48-48	4.50-4.80-4.68
1895 Australia	426	(a) (a)	(a)	1.95-2.43- —
1896 Ohio	377	5 M.	48-48-48	4.50-4.80-4.74
1896 Australia	427	(a) (a)	(a)	1.95-2.43- —
1896 Aust-Hun	184	(a) (a)	(a)	.81-1.02- —
1897 Australia	428	(a) (a)	(a)	1.62-2.43- —
1897 England	593	(a) (a)	(a)	1.75-1.75-1.75
1898 N. Y.	338	75 M.	48-48-48	4.50-4.50-4.50
1898 Australia	429	(a) (a)	(a)	1.62-2.43- —
1898 Belgium	454	(a) (a)	(a)	b.08½-.08½-.08½

a Not reported.
b Per hour.
c Applies to but 1 of the 3 wage quotations.
d Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARVERS, WOOD.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1839 England ..	562	(a) M.	60-60-60	1.82-1.82-1.82
1840 Scotland ..	563	(a) (a)	60-60-60	.89- .89- .89
1845 N. J	8	1 M.	72-72-72	1.50-1.50-1.50
1849 England ..	562	(a) M.	60-60-60	1.22-1.22-1.22
1850 Scotland ..	563	(a) (a)	60-60-60	.89- .89- .89
1855 N. J	8	1 M.	60-60-60	2.50-2.50-2.50
1855 N. Y.....	8	1 M.	60-60-60	2.50-2.50-2.50
1855 England ..	561	(a) (a)	(a)	1.18-1.18-1.18
1856 England ..	561	(a) (a)	(a)	1.18-1.18-1.18
1857 England ..	561	(a) (a)	(a)	1.18-1.18-1.18
1857 Ireland ...	561	(a) (a)	(a)	1.28-1.28-1.28
1857 Ireland ...	563	(a) (a)	60-60-60	.97-1.01- —
1858 N. Y.....	8	2 M.	60-60-60	2.00-2.00-2.00
1858 England ..	562	(a) M.	(a)	1.18-1.18-1.18
(b) Ireland ...	562	(a) M.	(a)	1.01-1.01-1.01
1859 England ..	562	(a) M.	59-59-59	1.22-1.22-1.22
1859 England ..	563	(a) M.	60-60-60	1.18-1.18-1.18
1860 N. J	8	1 M.	60-60-60	1.75-1.75-1.75
1860 N. Y.....	8	1 M.	60-60-60	2.00-2.00-2.00
1860 England ..	564	(a) (a)	60-60-60	1.18-1.18-1.18
1860 Ireland ...	563	(a) (a)	60-60-60	.97-1.22- —
1860 Scotland ..	563	(a) (a)	60-60-60	.97- .97- .97
1861 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1861 England ..	564	(a) (a)	60-72 —	.97-1.18- —
1861 Scotland ..	564	(a) (a)	60-60-60	.97- .97- .97
1863 England ..	565	(a) (a)	c 60-60-60	.97-1.14- —
1863 Ireland ...	565	(a) (a)	(a)	1.22-1.22-1.22
1866 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1868 Belgium ..	610	(a) (a)	60-60-60	.77- .77- .77
1868 Germany .	610	(a) M.	72-72-72	.37-1.10- —
1870 France....	16	(a) M.	(a)	2.32-2.32-2.32
1870 France....	17	(a) M.	(a)	1.93-1.93-1.93
1870 Germany .	610	(a) M.	72-72-72	1.46-1.83- —
1870 Germany .	610	(a) M.	84-84-84	d .71- .71- .71
1871 England ..	629	(a) (a)	60-60-60	1.22-2.03- —
1871 France....	16	(a) M.	(a)	2.32-2.32-2.32
1871 France....	17	(a) M.	(a)	1.93-1.93-1.93
1872 Belgium ..	185	(a) (a)	(a)	1.05-1.05-1.05
1872 France....	16	(a) M.	(a)	2.32-2.32-2.32
1872 France....	17	(a) M.	(a)	1.93-1.93-1.93
1872 Netherl'ds	185	(a) (a)	66-66-66	1.11-1.33- —
1873 France....	16	(a) M.	(a)	2.32-2.32-2.32
1873 France....	17	(a) M.	(a)	1.93-1.93-1.93
1873 Sweden ...	167	(a) M.	60-60-60	1.34-2.14- —
1874 France....	16	(a) M.	(a)	2.32-2.32-2.32
1874 France....	17	(a) M.	(a)	1.93-1.93-1.93
1874 Scotland ..	177	(a) M.	51-51-51	1.00-1.33- —
1874 Scotland ..	569	(a) M.	51-51-51	1.18-1.18-1.18
1875 France....	16	(a) M.	(a)	2.32-2.32-2.32
1875 France....	17	(a) M.	(a)	1.93-1.93-1.93
1875 Scotland ..	177	(a) M.	51-51-51	1.00-1.33- —
1876 France....	16	(a) M.	(a)	2.32-2.32-2.32
1876 France....	17	(a) M.	(a)	1.93-1.93-1.93
1876 Scotland ..	177	(a) M.	51-51-51	1.00-1.33- —
1877 Ohio	359	19 M.	(a)	.83-2.50-1.43
1877 Ohio	359	50 F.	(a)	.75- .75- .75
1877 England ..	570	(a) M.	(a)	1.54-1.62- —
1877 France....	16	(a) M.	(a)	2.32-2.32-2.32
1877 France....	17	(a) M.	(a)	1.93-1.93-1.93
1877 Scotland ..	177	(a) M.	51-51-51	1.00-1.33- —
1878 France....	16	(a) M.	(a)	2.32-2.32-2.32
1878 France....	17	(a) M.	(a)	1.93-1.93-1.93
1878 Scotland ..	177	(a) M.	51-51-51	1.00-1.33- —
1878 Switzerl'd.	172	(a) M.	60-60-60	.80-1.00- —
1879 Pa	384	10 M.	60-60-60	3.00-3.00-3.00
1879 France....	16	(a) M.	(a)	2.32-2.32-2.32
1879 France....	17	(a) M.	(a)	1.93-1.93-1.93
1880 N. J	319	1 M.	(a)	3.00-3.00-3.00
1880 Ohio	362	30 M.	(a)	2.00-2.00-2.00
1880 England ..	571	(a) M.	e 54-54-54	1.22-1.62- —
1880 France....	16	(a) M.	(a)	2.32-2.32-2.32
1880 France....	17	(a) M.	(a)	1.93-1.93-1.93
1881 Ohio	363	50 M.	60-60-60	1.60-3.25-2.06
1881 France....	16	(a) M.	(a)	2.32-2.32-2.32
1881 France....	17	(a) M.	(a)	1.93-1.93-1.93
1881 Scotland ..	29	(a) (a)	54-54-54	2.00-2.00-2.00
1882 Ohio	364	60 M.	54-60-60	1.50-3.00-2.28
1882 France....	16	(a) M.	(a)	2.32-2.32-2.32
1882 France....	17	(a) M.	(a)	1.55-1.55-1.55
1882 Germany .	615	(a) M.	(a)	.48- .71- —
1882 Scotland ..	37	(a) (a)	54-54-54	2.00-2.00-2.00
1883 Mass	273	21 M.	(a)	1.67-4.17-2.55
1883 Ohio	365	4 M.	60-60-60	2.17-3.58-2.75
1883 France....	16	(a) M.	(a)	2.51-2.51-2.51
1883 France....	17	(a) M.	(a)	1.55-1.55-1.55
1883 Ireland ...	43	(a) (a)	(a)	1.42-1.42-1.42
1884 Cal.....	192	3 M.	60-60-60	3.00-3.00-3.00
1884 Mass	2	35 M.	54-54-54	4.00-4.00-4.00
1884 Mich.....	278	39 M.	(a)	.42-3.00-1.90
1884 N. J	323	1 M.	(a)	2.00-2.00-2.00
1884 Ohio	366	5 M.	57-57-57	2.52-2.52-2.52
1884 Pa	2	12 M.	60-60-60	2.00-2.00-2.00
1884 Belgium ..	178	(a) M.	(a)	.57-1.45- —
1884 Brazil	178	(a) M.	(a)	1.08-2.58- —
1884 Canada ...	466	(a) M.	59-60 —	1.50-1.74- —
1884 England ..	178	(a) M.	(a)	1.83-2.43- —
1884 France....	16	(a) M.	(a)	2.51-2.51-2.51
1884 France....	17	(a) M.	(a)	1.55-1.55-1.55
1884 Germany .	71	(a) M.	60-60-60	.79- .79- .79
1884 Germany .	178	(a) M.	f 60-66 —	.48-1.59- —
1884 Germany .	556	(a) (a)	48-48-48	.48-1.19- —
1884 Netherl'ds	178	(a) M.	68-68-68	.67-1.80- —
1884 Spain	178	(a) M.	60-60-60	.60-2.00- —
1884 Switzerl'd.	178	(a) M.	65-65-65	1.16-1.93- —
1885 Ky	1	6 M.	54-54-54	2.25-2.25-2.25
1885 Mass	2	22 M.	59-59-59	3.50-3.50-3.50
1885 Mich.....	1	37 M.	60-60-60	.60-3.00-2.06
1885 N. Y.....	1	14 M.	60-60-60	2.50-3.00-2.75
1885 N. Y.....	7	8 M.	(a)	3.00-3.00-3.00
1885 Canada ...	467	(a) M.	59-59-59	1.90-2.05- —
1885 France....	16	(a) M.	(a)	2.51-2.51-2.51
1885 France....	17	(a) M.	(a)	1.55-1.55-1.55
1885 Germany .	71	(a) M.	60-60-60	.60- .60- .60
1886 Cal.....	193	2 M.	54-54-54	3.00-3.00-3.00
1886 Cal.....	193	25 M.	(a)	g .30- .30- .30
1886 Conn.....	2	2 M.	60-60-60	3.00-3.00-3.00
1886 Mo	2	73 M.	60-60-60	2.15-2.15-2.15
1886 N. Y.....	2	533 M.	48-60-59	1.75-4.00-2.50
1886 Ohio	2	264 M.	56-60-58	2.20-2.20-2.20
1886 Ohio	368	2 M.	(a)	1.89-4.72-3.30
1886 France....	16	(a) M.	(a)	2.51-2.51-2.51
1886 France....	17	(a) M.	(a)	1.55-1.55-1.55
1886 Germany .	548	(a) (a)	(a)	.40-1.19- —
1887 Ohio	369	1 M.	60-60-60	3.00-3.00-3.00
1887 Wis	409	41 M.	(a)	2.00-2.50-2.45
1887 Canada ...	469	(a) M.	54-54-54	2.11-2.13- —
1887 France....	16	(a) M.	(a)	2.51-2.51-2.51
1887 France....	17	(a) M.	(a)	1.55-1.55-1.55
1887 Germany .	557	(a) (a)	54-60 —	.56-1.55- —
1888 N. Y.....	331	108 M.	h 48-60-59	.67-4.00-2.42
1888 Canada ...	470	(a) M.	58-58-58	1.79-1.79-1.79
1888 France....	16	(a) M.	(a)	2.51-2.51-2.51
1888 France....	17	(a) M.	(a)	1.55-1.55-1.55
1888 Germany .	558	(a) (a)	57-60 —	.36-1.43- —
1889 Mass	8	1 M.	60-60-60	6.00-6.00-6.00
1889 Mich.....	281	233 M.	60-60-60	.25-4.00-2.27

a Not reported.
b Average for 1856–58.
c Applies to but 1 of the 2 wage quotations.
d And board and lodging.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 10 of the 15 wage quotations.
g Per hour.
h Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CARVERS, WOOD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Australia	422	(a)	(a)	48-48-48	1.95-1.95-1.95
1889 France	16	(a)	M.	(a)	2.51-2.51-2.51
1889 France	17	(a)	M.	(a)	1.55-1.55-1.55
1889 Germany	615	(a)	M.	(a)	.69-1.03- —
1889 Italy	95	(a)	(a)	(a)	.60-2.00- —
1889 Portugal	691	(a)	(a)	(a)	.37-1.62- —
1890 Mich	282	3	M.	60-60-60	1.50-2.50-2.00
1890 N. Y.	333	222	M.	(a)	.50-4.17-2.11
1890 Ohio	371	75	(a)	57-60-60	1.25-3.00-2.09
1890 Australia	423	(a)	(a)	48-48-48	1.95-1.95-1.95
1890 France	16	(a)	M.	(a)	2.51-2.51-2.51
1890 France	17	(a)	M.	(a)	1.45-1.45-1.45
1891 N. Y.	333	226	M.	(a)	.50-4.17-2.13
1891 Ohio	372	153	M.	54-60-59	1.00-3.50-2.14
1891 Belgium	457	(a)	M.	60-72 —	.19-1.16- —
1891 China	105	(a)	(a)	(a)	.31- .31- .31
1891 France	16	(a)	M.	(a)	2.51-2.51-2.51
1891 France	17	(a)	M.	(a)	1.45-1.45-1.45
1891 France	505	(a)	M.	b54-63 —	1.35-3.86- —
1891 Germany	551	(a)	(a)	(a)	.83-1.43- —
1892 Cal	196	10	M.	c54-60-55	1.50-3.60-3.04
1892 Ind	227	66	M.	48-60-59	1.68-2.75-2.03
1892 Australia	424	(a)	M.	(a)	1.22-2.43- —
1892 England	632	(a)	M.	(a)	d.17- .17- .17
1892 France	16	(a)	M.	(a)	2.51-2.51-2.51
1892 France	17	(a)	M.	(a)	1.45-1.45-1.45
1892 France	505	(a)	M.	60-72 —	.58-2.32- —
1892 Germany	667	(a)	(a)	(a)	.89- .89- .89
1893 Ill	10	9	M.	48-60-57	2.00-4.17-2.89
1893 Md	10	1	M.	54-54-54	3.67-3.67-3.67
1893 N. Y.	10	3	M.	48-59-55	1.00-5.00-3.00
1893 Ohio	374	177	M.	e48-60-59	1.20-5.00-2.38
1893 Ohio	374	52	F.	51-60-52	.40-1.00- .53
1893 Pa	10	4	M.	54-60-58	2.33-3.00-2.63
1893 England	583	(a)	M.	(a)	d.17- .18½- —
1893 France	16	(a)	M.	(a)	2.51-2.51-2.51
1893 France	17	(a)	M.	(a)	1.45-1.45-1.45
1894 Ga	8	2	M.	60-60-60	.60-1.00- .80
1894 Ind	228	30	M.	48-60-52	1.50-2.29-1.97
1894 Iowa	236	6	M.	57-60-59	1.50-2.50-1.96
1894 Me	260	1	M.	60-60-60	3.80-3.80-3.80
1894 N. H	316	1	M.	54-54-54	1.83-1.83-1.83
1894 N. Y.	8	8	M.	60-60-60	1.25-3.00-1.88
1894 Ohio	374	5	M.	(a)	.67-2.67-1.80
1894 Ohio	375	108	M.	f36-60-55	1.10-3.00-1.89
1894 Australia	425	(a)	(a)	(a)	1.22-2.43- —
1894 Aust-Hun	434	(a)	M.	(a)	.61- .68- —
1894 France	16	(a)	M.	(a)	2.51-2.51-2.51
1894 France	17	(a)	M.	(a)	1.45-1.45-1.45
1894 France	129	(a)	M.	60-60-60	1.26-3.47- —
1894 France	508	(a)	M.	(a)	1.35-1.54- —
1894 Spain	632	(a)	(a)	(a)	.48- .97- —
1895 Mo	304	1	M.	(a)	3.00-3.00-3.00
1895 N. Y.	8	5	M.	60-60-60	1.50-2.75-1.85
1895 N. C	8	2	M.	60-60-60	1.50-1.75-1.63
1895 Ohio	376	124	M.	g48-60-54	1.00-3.00-1.98
1895 Ohio	376	1	F.	60-60-60	1.00-1.00-1.00
1895 Australia	426	(a)	(a)	(a)	1.22-2.43- —
1895 France	16	(a)	M.	(a)	2.51-2.51-2.51
1895 France	17	(a)	M.	(a)	1.45-1.45-1.45
1896 Mass	8	3	M.	54-60-58	3.00-7.00-5.67
1896 N. Y.	8	5	M.	48-60-58	2.25-3.00-2.55
1896 N. Y.	336	24	M.	(a)	.83-3.00-2.35
1896 Ohio	377	160	M.	c48-60-56	1.00-3.10-2.18
1896 Ohio	377	11	F.	48-54-50	.60- .97- .88
1896 Australia	427	(a)	(a)	(a)	1.22-2.43- —
1896 Aust-Hun	436	(a)	(a)	54-66 —	.30-1.02- —
1896 France	16	(a)	M.	(a)	2.51-2.51-2.51
1896 France	17	(a)	M.	(a)	1.45-1.45-1.45
1896 France	184	(a)	(a)	(a)	d.25- .25- .25
1896 France	510	(a)	(a)	72-72-72	1.06-1.06-1.06
1896 Scotland	592	(a)	M.	(a)	1.38-1.47- —
1897 Mass	8	4	M.	54-54-54	3.00-3.00-3.00
1897 Mich	289	17	(a)	(a)	1.25-1.25-1.25
1897 N. Y.	8	2	M.	60-60-60	2.50-2.50-2.50
1897 N. Y.	337	242	M.	h48-54-49	1.20-3.44-2.74
1897 Australia	428	(a)	(a)	(a)	1.54-2.55- —
1898 Mich	290	11	(a)	(a)	1.43-2.00-1.80
1898 N. Y.	338	441	M.	h48-54-49	1.50-5.00-2.67
1898 Australia	429	(a)	(a)	(a)	1.54-2.55- —
1898 Aust-Hun	438	(a)	(a)	57-60 —	.83- .83- .83
1898 Belgium	454	(a)	(a)	(a)	d.07½-.07½-.07½
1898 France	512	(a)	M.	60-60-60	1.54-2.32- —
1899 N. Zealand	681	(a)	(a)	47-47-47	2.06-2.06-2.06

CASEMAKERS, BOOKBINDERY.

1856 N. Y.	8	3	M.	60-60-60	2.00-2.00-2.00
1883 Mass	273	3	M.	(a)	2.00-2.50-2.23
1883 Scotland	572	(a)	F.	54-54-54	.24- .53- —
1884 Germany	556	(a)	(a)	57-60 —	.63-1.19- —
1885 Mass	7	16	M.	55-59-57	1.00-3.83-2.37
1885 N. Y.	7	5	M.	59-59-59	1.67-3.33-2.80
1885 Germany	547	(a)	M.	(a)	.54-1.19- —
1888 N. Y.	331	6	M.	(a)	3.00-3.00-3.00
1889 Germany	550	(a)	M.	(a)	.54- .95- —
1890 Ill	19	1	M.	(a)	1.67-1.67-1.67
1890 Mass	8	1	M.	60-60-60	3.00-3.00-3.00
1890 N. Y.	333	22	M.	(a)	1.00-3.50-2.95
1891 Ill	19	1	M.	(a)	1.67-1.67-1.67
1891 N. Y.	333	23	M.	(a)	1.00-3.50-2.98
1892 Ill	19	4	M.	59-59-59	2.00-2.50-2.25
1893 Ill	19	4	M.	59-59-59	2.00-2.50-2.25
1895 Mass	7	25	M.	55-59-57	1.17-3.67-2.42
1895 Mass	7	20	F.	58-58-58	.68-1.69-1.25
1895 N. Y.	7	3	M.	59-59-59	2.50-2.50-2.50
1895 N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1896 N. Y.	8	3	M.	60-60-60	3.00-3.00-3.00

CASEMAKERS, FIREARMS.

1866 England	566	(a)	M.	60-60-60	.20-1.62- —

a Not reported.
b Applies to but 7 of the 8 wage quotations.
c Not including hours of 2 persons not reported.
d Per hour.
e Not including hours of 10 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 32 persons not reported.
h Not including hours of 50 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CASEMAKERS' HELPERS, BOOKBINDERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1880 Germany	546	(a) M.	(a)	0.60-0.95- —	1895 N. Y.	8	1 M.	60-60-60	1.00-1.00-1.00
1883 Mass	273	2 M.	(a)	1.67-1.67-1.67					

CASEMAKERS' HELPERS, LEATHER.

1890 N. Y.	333	4 M.	(a)	.83- .83- .83	1891 N. Y.	333	4 M.	(a)	.83- .83- .83

CASEMAKERS, LEATHER.

1888 N. Y.	331	3 M.	59-59-59	.75-3.00-1.97	1891 N. Y.	333	13 M.	(a)	1.00-3.00-2.26
1890 N. Y.	333	14 M.	(a)	1.00-3.00-2.42					

CASEMAKERS, MATCHES.

1892 C. of G'd H.	486	(a) M.	(a)	1.22-1.22-1.22	1892 Russia	692	(a) (a)	(a)	.42- .72- —

CASEMAKERS, OPTICAL GOODS.

1886 Mich	7	1 M.	57-57-57	.50- .50- .50	1890 N. Y.	333	20 F.	(a)	.83-1.17- .92
1886 Mich	7	2 F.	57-57-57	.42- .50- .46	1891 N. Y.	333	2 M.	(a)	.50-1.00- .75
1886 Pa	3	2 F.	54-54-54	.75- .75- .75	1891 N. Y.	333	20 F.	(a)	.83-1.17- .92
1888 N. Y.	331	10 M.	59-59-59	.67-1.67-1.07	1895 N. Y.	7	25 F.	48-48-48	.67-1.17- .89
1888 N. Y.	331	38 F.	59-59-59	.83- .83- .83	1896 Mich	7	5 M.	54-54-54	.42-1.67-1.12
1890 N. Y.	333	2 M.	(a)	.50-1.00- .75					

CASEMAKERS, PIANOS AND ORGANS.

1883 N. J	322	120 M.	60-60-60	2.50-3.00-2.67	1887 Canada	469	(a) M.	57-57-57	1.83-1.83-1.83
1884 N. J	323	25 M.	b60-60-60	1.50-2.00-1.97	1888 N. Y.	331	13 M.	59-59-59	2.25-3.33-3.10
1884 Canada	466	(a) M.	58-58-58	1.41-1.41-1.41	1888 Canada	470	(a) M.	60-60-60	1.93-1.93-1.93
1884 Italy	46	(a) (a)	(a)	.39- .58- —	1889 Canada	471	(a) M.	59-59-59	1.74-1.74-1.74
1885 N. H	1	5 M.	60-60-60	1.75-1.75-1.75	1890 N. Y.	333	126 M.	(a)	1.33-5.33-2.70
1885 N. Y.	1	173 M.	60-60-60	1.67-3.33-2.49	1891 N. Y.	333	98 M.	(a)	1.33-5.33-2.64
1885 Canada	467	(a) M.	57-60 —	1.63-2.01- —	1891 France	505	(a) M.	70-70-70	1.35-1.74- —
1886 Canada	468	(a) M.	59-59-59	1.61-1.61-1.61	1896 Ohio	377	14 M.	(a)	1.90-1.90-1.90

CASE MAKERS, TRUNKS AND BAGS.

1879 Germany	545	(a) M.	60-60-60	.24- .95- —	1891 N. Y.	333	5 M.	(a)	.67-2.42-1.52
1880 Germany	546	(a) M.	(a)	.60- .83- —	1896 Ohio	377	8 M.	60-60-60	1.65-1.65-1.65
1890 N. Y.	333	5 M.	(a)	.67-2.42-1.52	1896 Ohio	377	4 F.	60-60-60	.80- .80- .80

CASERS' HELPERS, TOBACCO.

1886 Mich	7	1 M.	60-60-60	.58- .58- .58	1895 N. J	7	1 M.	56-56-56	.83- .83- .83
1888 N. Y.	331	8 M.	57-57-57	1.17-1.17-1.17	1895 N. Y.	8	1 M.	48-48-48	.50- .50- .50
1894 N. Y.	8	2 M.	60-60-60	1.00-1.00-1.00	1896 Mich	7	1 M.	55-55-55	.58- .58- .58
1894 N. C.	8	2 M.	60-60-60	.25- .25- .25	1896 Pa	7	1 M.	52-52-52	.58- .58- .58

a Not reported.

b Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CASERS, MATCHES.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mich	283	61	F.	(a)	0.45-0.48-0.48
1897 Me	8	2	M.	60-60-60	1.50-2.25-1.88

CASERS, TOBACCO.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1865 Ky	8	4	M.	60-60-60	1.17-1.17-1.17
1870 N. C	8	2	M.	60-60-60	.75- .75- .75
1876 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00
1880 N. C	8	17	M.	60-60-60	.75- .75- .75
1882 Ohio	364	51	(a)	60-60-60	1.13-1.13-1.13
1884 N. J	323	42	M.	(a)	1.50-1.67-1.55
1884 W. Va	7	5	M.	60-60-30	1.67-1.67-1.67
1885 N. Y	7	1	M.	46-46-46	1.33-1.33-1.33
1885 Ohio	1	1	M.	50-50-50	1.25-1.25-1.25
1885 Ohio	7	1	M.	(a)	1.50-1.50-1 50
1886 Mich	7	3	M.	60-60-60	1.08-1.83-1.58
1886 Pa	7	2	M.	b 60-60-60	1.50-2.00-1.75
1888 N. Y	331	12	M.	57-60-58	1.17-2.00-1.54
1890 N. Y	333	12	M.	(a)	1.00-2.50-1.85
1891 N. Y	333	14	M.	(a)	1.00-2.50-1.74
1891 N. C	346	1	(a)	72-72-72	.75- .75- .75
1893 Ohio	374	6	M.	54-60-57	1.35-1.75-1.56
1894 Iowa	236	1	M.	60-60-60	1.67-1.67-1.67
1894 N. Y	8	6	M.	48-60-56	1.25-2.50-1.82
1894 N. C	8	13	M.	60-60-60	.60- .83- .72
1894 N. C	348	1	(a)	60-60-60	.65- .65- .65
1894 Ohio	375	11	M.	48-60-59	1.17-1.33-1.32
1894 W. Va	406	1	M.	60-60-60	1.66-1.66-1.66
1895 N. J	7	1	M.	56-56-56	2.33-2.33-2.33
1895 N. J	8	8	M.	60-60-60	.83-1.67-1.25
1895 N. Y	7	3	M.	46-59-51	.83-1.67-1.31
1895 N. Y	8	12	M.	48-60-55	.67-2.50-1.93
1895 N. C	8	4	M.	60-60-60	.75-1.00- .88
1895 Ohio	376	25	M.	60-60-60	1.25-1.25-1.25
1895 Va	8	1	M.	60-60-60	2.33-2.33-2.33
1896 Ky	8	3	M.	60-60-60	1.50-1.50-1.50
1896 Mich	7	3	M.	55-55-55	1.08-2.00-1.64
1896 Ohio	7	1	M.	54-54-54	1.50-1.50-1.50
1896 Ohio	377	28	M.	60-60-60	1.00-1.25-1.23
1896 Pa	7	2	M.	52-54-53	2.00-2.00-2.00
1896 W. Va	7	8	M.	60-60-60	1.67-1.67-1.67

CASH BOYS AND CASH GIRLS.

1871 Mass	267	565	F.	(a)	.33- .58- .48
1872 Mass	268	265	F.	(a)	.40- .53- .42
1872 N. Y	3	2	F.	(a)	.25- .38- .32
1874 Pa	3	2	F.	(a)	.25- .25- .25
1875 N. Y	7	6	F.	(a)	.25- .42- .31
1877 N. Y	3	1	F.	(a)	.33- .33- .33
1878 Mo	7	2	M.	74-74-74	.50- .50- .50
1880 Ky	7	4	F.	(a)	.58- .58- .58
1880 N. Y	3	1	F.	(a)	.25- .25- .25
1880 Pa	7	8	M.	c 57-57-57	.33- .42- .35
1881 N. Y	3	1	F.	(a)	.25- .25- .25
1881 Scotland	3	(a)	F.	(a)	.12- .12- .12
1882 Mass	3	1	F.	(a)	.33- .33- .33
1882 N. Y	3	1	F.	(a)	.42- .42- .42
1882 N. C	7	1	M.	57-57-57	.50- .50- .50
1883 Ill	3	2	F.	(a)	.42- .50- .46
1883 N. Y	3	2	F.	(a)	.25- .25- .25
1884 Ky	7	6	F.	54-54-54	.58- .58- .58
1884 La	7	31	M.	60-60-60	.33- .42- .38
1884 Mass	3	2	F.	(a)	.33- .33- .33
1884 Mich	278	20	M.	(a)	.25- .50- .33
1884 Mich	278	17	F.	(a)	.25-1.46- .77
1884 Ohio	3	1	F.	(a)	.17- .17- .17
1884 Pa	3	1	F.	(a)	.33- .33- .33
1884 R. I	7	3	M.	57-57-57	.42- .67- .53
1884 W. Va	7	7	M.	57-72-70	.33- .42- .37
1885 Fla	7	6	M.	60-60-60	.33- .33- .33
1885 Ill	3	7	F.	(a)	.33- .50- .36
1885 La	7	9	F.	(a)	.33- .33- .33
1885 Md	7	4	F.	(a)	.33- .83- .50
1885 Mass	7	1	F.	(a)	.33- .33- .33
1885 N. Y	3	1	F.	(a)	.25- .25- .25
1885 N. Y	7	46	M.	54-54-54	.33- .42- .35
1885 N. Y	7	3	F.	57-57-57	.25- .25- .25
1885 N. Y	330	7	F.	b 60-60-60	.25- .38- .28
1885 Pa	3	1	F.	(a)	.33- .33- .33
1886 Ill	3	5	F.	(a)	.17- .42- .32
1886 Ill	7	24	M.	54-56-55	.38- .67- .51
1886 Ill	7	26	F.	56-56-56	.38- .46- .41
1886 Iowa	7	16	M.	54-69-64	.33- .50- .40
1886 Md	3	2	F.	54-62-58	.25- .42- .34
1886 Mass	3	1	F.	(a)	.33- .33- .33
1886 Mo	3	3	F.	61-64-62	.33- .33- .33
1886 N. Y	3	6	F.	d 58-58-58	.25- .38- .32
1886 N. Y	7	20	M.	57-57-57	.25- .25- .25
1886 N. Y	7	15	F.	57-57-57	.25- .25- .25
1886 Pa	3	6	F.	e 53-57-55	.33- .42- .35
1886 Pa	7	17	M.	e 63-63-63	.29- .33- .33
1886 Pa	7	4	F.	(a)	.29- .29- .29
1887 Ill	3	16	F.	c 54-59-57	.33- .50- .39
1887 Ky	3	2	F.	66-66-66	.21- .21- .21
1887 La	3	1	F.	54-54-54	.33- .33- .33
1887 Mass	3	7	F.	53-57-55	.31- .42- .35
1887 N. Y	3	16	F.	b 56-68-59	.23- .43- .32
1887 Ohio	3	6	F.	51-66-59	.17- .33- .25
1887 Pa	3	2	F.	67-68-68	.25- .25- .25
1888 Ga	3	3	F.	57-60-59	.22- .25- .23
1888 Ind	3	4	F.	e 57-57-57	.21- .25- .23
1889 Canada	471	(a)	M.	58-58-58	.36- .36- .36
1889 Canada	471	(a)	F.	54-54-54	.41- .41- .41
1890 Kans	244	18	F.	(a)	.33- .52- .38
1890 Minn	292	128	M.	55-59-56	.36- .37- .37
1890 Minn	292	15	F.	54-63-57	.30- .43- .38
1891 Mich	283	32	F.	(a)	.21- .29- .23
1892 Cal	196	8	M.	68-71-70	.50- .58- .51
1892 Cal	196	3	F.	57-57-57	.83- .83- .83
1892 Ill	210	3	F.	60-60-60	.33- .42- .39
1892 Me	258	2	F.	(a)	.33- .33- .33
1893 Ill	10	1	M.	60-60-60	.42- .42- .42
1893 Ill	10	4	F.	54-60-57	.33- .67- .46
1893 Mont	307	2	M.	69-72-71	.38- .46- .42
1893 N. Y	10	2	M.	60-91-76	.64- .83- .74
1893 Pa	10	1	M.	60-60-60	.42- .42- .42
1893 Pa	10	1	F.	60-60-60	.58- .58- .58

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CASH BOYS AND CASH GIRLS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Ind	228	4	F.	59-61-60	0.21-0.25-0.22
1895 Conn	7	4	M.	59-59-59	.33- .33- .33
1895 La	7	38	M.	60-60-60	.33- .50- .41
1895 La	7	18	F.	60-60-60	.42- .50- .47
1895 Md	7	5	F.	60-60-60	.33- .83- .57
1895 N. Y	7	61	M.	54-54-54	.42- .58- .47
1895 N. Y	7	8	F.	54-54-54	.33- .33- .33
1895 N. Y	341	254	F.	a57-57-57	.25- .38- .34
1895 N. C	7	1	M.	54-54-54	.50- .50- .50
1895 R. I	7	33	M.	57-57-57	.33- .58- .35
1895 S. C	7	3	M.	66-66-66	.42- .42- .42
1896 Colo	200	65	F.	54-54-54	.35- .50- .40
1896 Fla	7	10	M.	60-60-60	0.33-0.33-0.33
1896 Ill	7	41	M.	54-56-55	.38- .67- .45
1896 Ill	7	56	F.	56-56-56	.38- .46- .39
1896 Ill	12	1	F.	57-57-57	.33- .33- .33
1896 Iowa	7	34	M.	54-63-59	.33- .50- .36
1896 N. Y	7	29	M.	54-57-56	.25- .42- .31
1896 N. Y	7	25	F.	57-57-57	.25- .25- .25
1896 Pa	7	101	M.	57-60-59	.29- .50- .35
1896 Pa	7	42	F.	60-60-60	.29- .33- .31
1896 W. Va	7	8	M.	54-58-55	.42- .50- .45
1898 Mich	290	15	F.	(b)	.31- .31- .31
1899 Mich	291	9	F.	58-58-58	.23- .23- .23

CASHIERS.

1850	Germany	76	(b)	M.	(b)	c.41- .91- —	1884	Russia	178	(b)	M.	(b)	1.84-2.76- —
1860	Germany	76	(b)	M.	(b)	c.80-1.37- —	1884	Switzerl'd	178	(b)	M.	(b)	.86-1.29- —
1863	England	565	(b)	(b)	(b)	3.11-3.11-3.11	1884	Turk. in A	178	(b)	(b)	66-66-66	2.04-4.08- —
1871	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1884	Venezuela	178	(b)	M.	(b)	2.95-3.54- —
1872	N Y	190	1	M.	(b)	5.59-5.59-5.59	1885	Conn	7	2	M.	42-42-42	7.37-8.33-7.85
1872	Germany	76	(b)	M.	(b)	1.14-1.94- —	1885	Ga	7	1	F.	60-60-60	.83- .83- .83
1874	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	Ill	7	1	M.	60-60-60	4.17-4.17-4.17
1875	N. Y	7	2	F.	(b)	2.08-2.08-2.08	1885	La	7	1	M.	(b)	4.17-4.17-4.17
1876	Pa	381	1	M.	(b)	4.31-4.31-4.31	1885	Me	7	1	M.	(b)	2.88-2.88-2.88
1877	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	Me	7	1	F.	60-60-60	1.50-1.50-1.50
1878	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	Md	7	1	M.	(b)	3.00-3.00-3.00
1878	Germany	177	(b)	M.	(b)	2.33-2.33-2.33	1885	Md	7	1	F.	51-51-51	1.17-1.17-1.17
1879	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	Mass	7	1	M.	64-64-64	.67- .67- .67
1880	Ky	7	1	M.	(b)	2.92-2.92-2.92	1885	Mass	7	2	F.	54-54-54	1.17-1.67-1.42
1880	Ky	7	1	F.	54-54-54	1.00-1.00-1.00	1885	Mich	279	12	(b)	(b)	.77-3.83-2.04
1880	N. Y	7	2	F.	51-51-51	2.00-2.00-2.00	1885	Mo	7	1	M.	60-60-60	5.83-5.83-5.83
1880	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	N. Y	7	4	M.	56-60-59	2.33-4.00-2.83
1880	Pa	7	1	M.	60-60-60	1.67-1.67-1.67	1885	N. Y	7	3	F.	54-60-57	1.17-1.67-1.50
1880	Pa	7	1	F.	54-54-54	.83- .83- .83	1885	Ohio	7	1	M.	59-59-59	4.17-4.17-4.17
1881	Ill	3	1	F.	(b)	.50- .50- .50	1885	Pa	7	3	F.	54-57-55	2.00-2.50-2.33
1881	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	R. I	7	5	F.	f54-66-58	.83-1.42-1.05
1882	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1885	S. C	7	1	M.	(b)	1.67-1.67-1.67
1883	Ga	7	1	F.	(b)	.83- .83- .83	1886	Fla	7	1	M.	(b)	2.00-2.00-2.00
1883	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1886	Ga	7	1	F.	60-60-60	.83- .83- .83
1883	Tenn	7	1	M.	66-66-66	5.83-5.83-5.83	1886	Ill	3	3	F.	(b)	.83-1.33-1.11
1884	Fla	7	1	F.	63-63-63	1.67-1.67-1.67	1886	Ill	7	2	M.	54-54-54	2.50-4.17-3.34
1884	Ill	3	1	F.	(b)	1.33-1.33-1.33	1886	Ill	7	18	F.	54-60-55	1.00-2.50-1.48
1884	Ill	3	1	F.	(b)	d.75- .75- .75	1886	Iowa	7	1	M.	58-58-58	.50- .50- .50
1884	Ky	7	2	M.	54-59-57	2.92-5.00-3.96	1886	Kans	7	1	(b)	72-72-72	1.39-1.39-1.39
1884	La	7	1	M.	60-60-60	6.67-6.67-6.67	1886	Md	7	1	F.	78-78-78	.33- .33- .33
1884	Mich	278	2	M.	(b)	1.05-3.00-2.03	1886	Mass	3	1	F.	52-52-52	1.00-1.00-1.00
1884	N. Y	7	3	F.	(b)	1.00-1.00-1.00	1886	Mich	7	1	F.	57-57-57	1.00-1.00-1.00
1884	N. Y	190	1	M.	(b)	5.59-5.59-5.59	1886	Mo	3	5	F.	57-71-62	.50-1.50-1.00
1884	Pa	7	1	M.	75-75-75	1.33-1.33-1.33	1886	N. Y	3	9	F.	50-64-57	.50-1.67-1.13
1884	Pa	7	2	F.	48-54-51	1.08-1.67-1.38	1886	N. Y	7	1	M.	60-60-60	1.67-1.67-1.67
1884	R. I	7	2	M.	57-57-57	.92- .92- .92	1886	N. Y	7	4	F.	57-57-57	1.00-1.00-1.00
1884	W. Va	7	1	F.	62-62-62	.83- .83- .83	1886	Ohio	368	1	M.	(b)	2.11-2.11-2.11
1884	Brazil	178	(b)	(b)	96-96-96	3.58-8.96- —	1886	Pa	3	2	F.	48-56-52	1.04-1.67-1.36
1884	Cuba	178	(b)	(b)	(b)	2.14-2.68- —	1886	Pa	7	19	F.	k56-85-63	.67-2.50-1.45
1884	Ecuador	178	(b)	M.	(b)	4.33-4.33-4.33	1886	R. I	3	2	F.	55-55-55	1.00-1.50-1.25
1884	Germany	178	(b)	M.	e60-72 —	.87-3.80- —	1886	Germany	76	(b)	M.	(b)	1.60-2.74- —
1884	Germany	178	(b)	M.	60-60-60	f.77-1.37- —	1887	Conn	4	7	M.	(b)	1.92-3.83-2.87
1884	Germany	178	(b)	M.	60-60-60	g1.53-1.92- —	1887	Fla	4	3	M.	(b)	1.92-3.20-2.47
1884	Germany	178	(b)	F.	h60-60-60	.92-1.61- —	1887	Ill	3	1	F.	56-56-56	.67- .67- .67
1884	Italy	178	(b)	M.	i60-72 —	.74-1.73- —	1887	Ky	3	1	F.	62-62-62	2.00-2.00-2.00
1884	Mexico	178	(b)	(b)	80-80-80	2.08-5.00- —	1887	Md	4	26	M.	(b)	1.48-3.95-2.55
1884	Peru	178	(b)	M.	70-70-70	4.67-9.33- —	1887	Mass	3	4	F.	52-67-59	.79-1.33- .99

a Not including hours of 35 persons not reported.
b Not reported.
c And uniform.
d And board.
e Applies to but 13 of the 18 wage quotations.
f And board and lodging.
g And rent, fuel, and light.
h Applies to but 3 of the 6 wage quotations.
i Applies to but 2 of the 6 wage quotations.
j Not including hours of 1 person not reported.
k Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CASHIERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Mass	4	16 M.	(a)	1.92-5.76-3.52
1887 Mich	4	13 M.	(a)	1.73-3.83-2.57
1887 Minn	3	1 F.	57-57-57	1.53-1.53-1.53
1887 Mo	4	11 M.	(a)	2.88-4.79-3.29
1887 Mo	297	1 (a)	(a)	3.83-3.83-3.83
1887 N. H	4	1 M.	(a)	.75- .75- .75
1887 N. J	4	5 M.	(a)	2.11-3.83-2.72
1887 N. Y	3	3 F.	54-57-56	.67-1.25-1.06
1887 N. Y	4	21 M.	(a)	1.53-6.39-3.61
1887 Ohio	3	3 F.	61-63-62	.83-1.28-1.09
1887 Oregon	4	8 M.	(a)	2.88-4.79-3.81
1887 Pa	4	37 M.	(a)	1.05-5.75-3.01
1887 R. I	4	1 M.	(a)	3.83-3.83-3.83
1887 Va	4	3 M.	(a)	2.68-3.45-3.00
1887 Wis	4	13 M.	(a)	2.30-3.45-2.62
1888 Ga	3	12 M.	54-66-61	.75-2.50-1.08
1888 Ohio	370	15 M.	60-60-60	1.50-3.83-1.66
1888 S. C	3	1 F.	69-69-69	.67- .67- .67
1888 Australia	432	(a) M.	(a)	5.29-5.29-5.29
1889 N. H	190	1 M.	66-66-66	1.00-1.00-1.00
1890 Ill	19	1 M.	(a)	4.17-4.17-4.17
1890 N. H	190	1 M.	66-66-66	1.00-1.00-1.00
1890 N. Y	333	1 M.	(a)	3.85-3.85-3.85
1891 Ill	19	1 M.	(a)	4.17-4.17-4.17
1891 Mich	283	40 F.	(a)	.33-2.08-1.09
1891 N. H	190	1 M.	66-66-66	1.00-1.00-1.00
1891 N. Y	333	8 M.	(a)	.67-7.33-3.70
1891 Pa	7	2 F.	60-60-60	.83-1.00- .92
1891 Wis	411	1 M.	(a)	4.79-4.79-4.79
1892 Cal	196	5 F.	57-69-65	1.33-2.49-1.78
1892 Ill	19	1 M.	(a)	5.00-5.00-5.00
1892 Ill	210	10 F.	48-60-55	.67-4.17-1.71
1892 Ill	210	13 F.	56-56-56	b .96-6.41-2.45
1892 Iowa	235	1 F.	54-54-54	1.00-1.00-1.00
1892 N. Y	20	1 M.	60-60-60	3.83-3.83-3.83
1892 Ohio	373	19 (a)	c 48-72-61	.96-8.00-2.94
1892 France	505	(a) F.	72-72-72	.77- .77- .77
1893 Ill	10	2 M.	60-91-76	2.00-2.33-2.17
1893 Ill	10	6 F.	48-72-58	.67-1.67-1.10
1893 Ill	19	1 M.	(a)	5.00-5.00-5.00
1893 Mich	285	38 M.	48-81-62	1.34-3.83-2.29
1893 N. J	327	16 F.	66-66-66	.42-1.50- .77
1893 N. Y	10	3 M.	70-78-73	.83-2.50-1.56
1893 N. Y	10	2 F.	53-94-74	1.33-1.33-1.33
1893 N. Y	20	1 M.	60-60-60	3.83-3.83-3.83
1893 Ohio	374	1 F.	54-54-54	1.50-1.50-1.50
1893 Pa	10	2 F.	60-70-65	0.33-1.67-1.00
1893 England	632	(a) F.	(a)	b .41- .41- .41
1894 Ind	228	4 F.	61-61-61	.67-1.17- .94
1894 N. H	316	2 M.	60-66-63	2.00-2.00-2.00
1894 N. Y	20	1 M.	60-60-60	3.83-3.83-3.83
1895 Conn	7	2 M.	42-42-42	8.33-8.65-8.49
1895 Conn	7	3 F.	59-59-59	1.17-1.50-1.28
1895 Ga	7	4 F.	54-60-58	.50-2.00-1.33
1895 La	7	3 M.	60-60-60	4.17-7.50-6.11
1895 Me	7	1 M.	60-60-60	3.85-3.85-3.85
1895 Me	7	2 F.	57-57-57	1.17-1.17-1.17
1895 Mass	7	2 M.	40-59-50	3.00-4.79-3.90
1895 Mass	7	5 F.	53-60-58	.67-1.67-1.13
1895 Mo	7	1 M.	60-60-60	6.67-6.67-6.67
1895 Mo	7	1 F.	68-68-68	.83- .83- .83
1895 Mo	304	1 M.	(a)	2.17-2.17-2.17
1895 N. J	7	1 M.	60-60-60	2.33-2.33-2.33
1895 N. Y	7	3 M.	56-60-58	2.83-4.67-3.61
1895 N. Y	7	12 F.	48-60-55	1.00-3.00-1.97
1895 N. Y	20	1 M.	60-60-60	3.83-3.83-3.83
1895 N. C	7	1 F.	60-60-60	.83- .83- .83
1895 R. I	7	21 F.	54-60-57	.67-1.50- .95
1895 S. C	7	3 F.	51-66-61	1.00-1.67-1.33
1895 Tenn	7	2 M.	59-66-63	3.00-6.25-4.63
1896 Fla	7	1 M.	60-60-60	1.83-1.83-1.83
1896 Fla	7	3 F.	60-70-64	1.67-2.00-1.89
1896 Ga	7	6 F.	54-63-59	.50-1.67-1.31
1896 Ill	7	5 M.	54-60-55	2.33-6.67-4.13
1896 Ill	7	33 F.	54-60-55	1.00-2.17-1.30
1896 Iowa	7	1 M.	58-58-58	.58- .58- .58
1896 Iowa	7	1 F.	54-54-54	.67- .67- .67
1896 Ky	7	3 M.	54-60-58	3.08-5.83-4.08
1896 Ky	7	1 F.	51-51-51	1.08-1.08-1.08
1896 Md	7	1 M.	54-54-54	3.67-3.67-3.67
1896 Md	7	3 F.	51-51-51	1.00-1.17-1.06
1896 Mich	7	3 F.	57-57-57	1.00-1.00-1.00
1896 Mich	288	1 (a)	57-57-57	2.00-2.00-2.00
1896 N. Y	7	14 F.	54-60-57	.58-2.00- .86
1896 Ohio	7	1 M.	59-59-59	5.83-5.83-5.83
1896 Pa	7	3 M.	54-57-56	2.50-3.00-2.67
1896 Pa	7	48 F.	48-70-58	.83-2.50-1.61
1896 W. Va	7	2 F.	54-62-58	.83-1.00- .92
1896 Wis	7	2 M.	48-57-53	5.00-5.83-5.42
1897 Kans	251	2 F.	61-74-68	.92- .96- .94
1898 Wash	405	20 (a)	(a)	1.41-2.02-1.62
1899 Mich	291	12 F.	59-59-59	1.21-1.21-1.21

CASHIERS, ASSISTANT.

1850	Germany	76	(a)	M.	(a)	.46- .68- —	1887	N. J	4	1	M.	(a)	2.68-2.68-2.68
1860	Germany	76	(a)	M.	(a)	.57- .91- —	1887	N. Y	4	2	M.	(a)	2.49-2.88-2.69
1872	Germany	76	(a)	M.	(a)	1.03-1.94- —	1887	R. I	4	1	M.	(a)	2.88-2.88-2.88
1885	N. Y	7	1	F.	54-54-54	.83- .83- .83	1887	Wis	4	1	M.	(a)	2.30-2.30-2.30
1886	N. Y	3	1	F.	58-58-58	.92- .92- .92	1889	Mich	281	1	M.	60-60-60	1.34-1.34-1.34
1887	Ky	3	1	F.	69-69-69	1.58-1.58-1.58	1892	Cal	196	1	F.	54-54-54	.50- .50- .50
1887	Md	4	1	M.	(a)	2.14-2.14-2.14	1893	Mich	285	1	M.	54-54-54	1.92-1.92-1.92
1887	Mass	4	5	M.	(a)	1.92-2.31-2.23	1896	N. Y	7	1	F.	54-54-54	1.00-1.00-1.00
1887	Mo	4	1	M.	(a)	3.20-3.20-3.20	1896	Pa	7	2	F.	57-57-57	2.00-2.00-2.00

CASTERS, ARTIFICIAL STONE.

1883	Germany	47	(a)	(a)	75-75-75	.71- .71- .71	....	.....	....	....	...	.....	.....

a Not reported.
b And board and lodging.
c Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CASTERS, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 England ..	185	(a)	(a)	54-54-54	1.21-1.41- —	1884 England ..	178	(a)	M.	60-60-60	1.33-1.95- —
1883 England ..	572	(a)	M.	72-72-72	1.48-1.48-1.48	1884 Italy	178	(a)	M.	84-84-84	1.20-1.20-1.20

CASTERS, MOLDINGS AND PICTURE FRAMES.

1888 N. Y.....	331	23	M.	b53-53-53	.83-1.00- .87	1891 N. Y.....	333	26	M.	(a)	.83-1.35- .95
1890 N. Y.....	333	17	M.	(a)	.83- .83- .83	1892 Cal.....	196	1	M.	(a)	2.00-2.00-2.00

CASTING CLEANERS.

1864 England ..	627	(a)	M.	(a)	.24- .24- .24	1887 Germany .	557	(a)	(a)	60-60-60	.53-1.03- —
1873 Switzerl'd.	714	(a)	(a)	63-63-63	.80- .80- .80	1888 N. J	326	55	M.	(a)	1.50-2.33-1.56
1876 Pa	381	14	M.	(a)	1.00-1.50-1.43	1888 N. Y.....	331	3	M.	54-54-54	2.00-2.00-2.00
1881 Ohio	7	7	M.	60-60-60	1.25-1.50-1.33	1888 Germany .	558	(a)	(a)	60-60-60	.52- .95- —
1883 Mass	273	11	M.	(a)	1.25-1.83-1.52	1889 Mich.....	281	2	M.	60-60-60	.92-1.00- .96
1884 Aust-Hun .	178	(a)	M.	72-72-72	.36- .64- —	1890 N. Y.....	333	18	M.	(a)	1.25-2.00-1.49
1884 Russia	178	(a)	M.	68-68-68	.34- .58- —	1891 N. Y.....	333	47	M.	(a)	.50-2.00-1.41
1884 Switzerl'd.	178	(a)	M.	65-65-65	.39- .68- —	1891 France....	505	(a)	M.	60-66 —	.77-1.38- —
1884 Switzerl'd.	178	(a)	(a)	(a)	.58- .58- .58	1892 France....	119	(a)	M.	(a)	.67- .86- —
1885 Del	1	8	M.	60-60-60	1.50-1.50-1.50	1892 France....	119	(a)	M.	66-66-66	.66- .83- —
1885 Ind	1	6	M.	60-60-60	1.38-1.38-1.38	1892 France....	505	(a)	M.	66-74 —	.48- .82- —
1885 N. J	324	73	M.	c42-60-58	.67-1.67- .96	1893 Ohio	374	10	M.	54-60-56	1.50-1.60-1.56
1885 N. Y.....	1	2	M.	60-60-60	1.66-1.66-1.66	1893 Germany .	119	(a)	M.	(a)	.83- .95- —
1885 Ohio	1	22	M.	60-60-60	1.62-1.62-1.62	1894 N. C.....	8	2	M.	60-60-60	1.00-1.00-1.00
1885 Germany .	547	(a)	(a)	(a)	.71- .83- —	1894 Ohio	375	31	M.	54-60-60	.60-1.90-1.41
1886 N. J	325	15	M.	54-60-56	1.33-1.50-1.40	1895 Ohio	376	132	M.	60-60-60	1.25-1.50-1.47
1886 Germany .	548	(a)	(a)	(a)	.53- .69- —	1896 Ohio	7	12	M.	60-60-60	1.25-1.50-1.33
1887 Conn.....	202	22	M.	(a)	1.79-1.79-1.79	1896 Ohio	377	91	M.	60-60-60	.67-1.90-1.50
1887 Pa	382	1	M.	(a)	1.80-1.80-1.80	1898 Aust-Hun.	438	(a)	(a)	60-60-60	.81- .85- —

CATALOGUERS.

1885 Mass	7	6	M.	44-44-44	1.92-6.39-3.97	1895 Mass	7	5	M.	41-41-41	1.96-5.11-3.48
1885 Mass	7	6	F.	44-44-44	1.60-2.24-1.94	1895 Mass	7	7	F.	41-41-41	1.79-3.20-2.50
1885 N. Y.....	7	4	M.	48-59-52	2.00-5.00-3.63	1895 N. Y.....	7	2	M.	52-59-56	2.00-3.13-2.57
1885 N. Y.....	7	8	F.	48-48-48	1.33-3.00-1.79	1895 N. Y.....	7	8	F.	48-48-48	1.33-3.75-2.67

CATCHERS' HELPERS, IRON AND STEEL.

1874 Pa	380	5	M.	(a)	1.75-2.40-2.04	1889 Pa	5	3	M.	(a)	1.60-3.39-2.61
1885 Ky.....	1	5	M.	60-60-60	1.40-2.00-1.76	1889 England ..	5	(a)	M.	66-66-66	.64-1.20- —
1885 Ohio	1	10	M.	60-72-65	.75-2.42-1.24	1889 Italy	5	(a)	M.	(a)	1.49-1.49-1.49
1885 Pa	1	1	M.	60-60-60	2.50-2.50-2.50	1890 Ala	5	2	M.	55-60-58	2.00-3.33-2.67
1887 Pa	390	4	M.	(a)	4.37-4.37-4.37	1892 Ohio	373	27	(a)	54-60-59	1.35-3.00-1.73
1889 Ill.....	5	1	M.	72-72-72	2.75-2.75-2.75	1895 Ohio	376	27	M.	60-72-69	1.25-3.97-2.72
1889 Mo.....	5	2	M.	(a)	2.00-2.00-2.00	1897 Ohio	377	12	(a)	48-60-59	.75-1.75-1.43

CATCHERS, IRON AND STEEL.

1840 N. Y.....	190	4	M.	60-60-60	1.00-1.25-1.13	1845 N. Y.....	190	3	M.	60-60-60	1.25-1.25-1.25
1841 Gr't Brit...	625	(a)	(a)	(a)	.24- .41- —	1847 N. Y.....	190	2	M.	60-60-60	.56- .56- .56
1842 N. Y.....	190	2	M.	60-60-60	.75-1.25-1.00	1849 N. Y.....	190	7	M.	60-60-60	.44-1.00- .54
1843 N. Y.....	190	3	M.	60-60-60	.75- .75- .75	1850 N. Y.....	190	8	M.	60-60-60	.44-1.00- .73
1844 N. Y.....	190	1	M.	60-60-60	.88- .88- .88	1851 N. Y.....	190	12	M.	60-60-60	.44-1.00- .61

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 21 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CATCHERS, IRON AND STEEL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1852 N. Y.	190	2 M.	60-60-60	0.50-0.63-0.57	1885 Va.	1	54 M.	48-60-52	1.38-2.25-1.69
1853 N. Y.	190	6 M.	60-60-60	.38- .63- .50	1885 W. Va.	1	2 M.	60-60-60	2.50-2.50-2.50
1854 N. Y.	190	6 M.	60-60-60	.44-1.00- .63	1885 Gr't Brit.	1	(a) M.	72-72-72	1.20-1.32- —
1855 N. Y.	190	9 M.	60-60-60	.44- .81- .60	1886 N. J.	325	8 M.	60-60-60	1.00-1.47-1.27
1856 N. Y.	190	8 M.	60-60-60	.63-1.13- .95	1886 N. Y.	190	4 M.	60-60-60	1.50-1.50-1.50
1857 N. Y.	190	22 M.	60-60-60	.44-1.13- .82	1887 N. Y.	190	2 M.	60-60-60	1.30-1.30-1.30
1858 N. Y.	190	8 M.	60-60-60	.50- .88- .77	1887 Ohio	369	207 M.	54-60-57	1.50-4.00-2.40
1859 N. Y.	190	15 M.	60-60-60	.50-1.00- .83	1887 Pa.	390	59 M.	(a)	2.31-9.47-3.63
1860 N. Y.	190	25 M.	60-60-60	.56-1.06- .85	1887 Wis.	409	14 M.	(a)	4.00-4.00-4.00
1861 N. Y.	190	16 M.	60-60-60	.56-1.25- .90	1888 N. J.	326	32 M.	(a)	1.40-3.43-2.44
1862 N. Y.	190	18 M.	60-60-60	.56-1.06- .87	1888 England.	5	(a) M.	(a)	.43- .69- —
1863 N. Y.	190	12 M.	60-60-60	.63-1.38-1.06	1889 Ala.	5	6 M.	(a)	1.15-2.17-1.83
1864 N. Y.	190	14 M.	60-60-60	.75-2.00-1.39	1889 Del.	5	8 M.	60-60-60	1.40-1.66-1.60
1865 N. Y.	190	11 M.	60-60-60	1.13-2.00-1.59	1889 Ill.	5	73 M.	e60-72-70	1.31-7.76-2.83
1866 England.	566	(a) M.	(a)	.91-1.46- —	1889 Ind.	5	9 M.	66-72-68	1.20-4.41-2.16
1867 N. Y.	190	17 M.	60-60-60	1.00-4.25-2.03	1889 Md.	5	12 M.	(a)	1.87-1.87-1.87
1868 N. Y.	190	10 M.	60-60-60	1.38-1.75-1.60	1889 Ohio	5	42 M.	g44-66-55	1.35-7.00-2.68
1869 N. Y.	190	20 M.	60-60-60	1.06-1.75-1.41	1889 Pa.	5	105 M.	h50-66-59	1.25-5.32-2.10
1870 N. Y.	190	41 M.	60-60-60	1.00-1.75-1.52	1889 Tenn.	5	20 M.	(a)	1.50-2.50-1.74
1871 N. Y.	190	18 M.	60-60-60	1.13-1.75-1.48	1889 Va.	5	8 M.	i55-55-55	1.00-2.25-1.86
1872 N. Y.	190	14 M.	60-60-60	1.00-2.13-1.55	1889 W. Va.	5	2 M.	(a)	2.50-2.50-2.50
1873 N. Y.	190	25 M.	60-60-60	.63-2.13-1.57	1889 Belgium.	5	(a) M.	f60-72 —	.40- .89- —
1874 N. Y.	190	14 M.	60-60-60	1.25-1.88-1.51	1889 England.	5	(a) M.	66-72 —	.97-2.43- —
1874 Pa.	380	19 M.	(a)	1.25-3.67-2.31	1889 France.	5	(a) M.	60-60-60	1.60-1.60-1.60
1875 N. Y.	190	8 M.	60-60-60	1.13-1.75-1.42	1889 Germany.	5	(a) M.	(a)	.48-1.07- —
1875 Pa.	380	10 M.	(a)	1.68-2.82-2.28	1889 Italy.	5	(a) M.	(a)	1.71-1.72- —
1876 N. Y.	190	5 M.	60-60-60	1.04-1.40-1.20	1889 Scotland.	5	(a) M.	66-66-66	.73- .97- —
1876 Pa.	381	123 M.	(a)	.64-6.00-1.82	1890 Ala.	5	7 M.	55-60-56	2.25-5.00-3.11
1876 Pa.	382	30 M.	(a)	2.00-2.40-2.15	1890 Wis.	5	2 M.	55-55-55	3.60-3.60-3.60
1877 N. Y.	190	5 M.	60-60-60	1.13-1.40-1.24	1891 N. Y.	333	6 M.	(a)	1.50-2.08-1.88
1877 Ohio.	359	45 M.	(a)	1.33-4.17-2.60	1891 Belgium.	457	(a) M.	(a)	.53- .53- .53
1877 England.	570	(a) M.	50-66 —	.61-1.00- —	1891 France.	505	(a) M.	72-72-72	1.35-1.54- —
1878 N. Y.	190	8 M.	60-60-60	1.00-1.25-1.10	1892 Mo.	301	22 M.	k48-48-48	2.10-2.75-2.45
1878 Pa.	383	149 M.	b48-72-58	.98-2.75-1.75	1892 N. Y.	20	4 M.	(a)	1.35-1.35-1.35
1879 N. Y.	190	12 M.	60-60-60	.50-1.25- .97	1892 Ohio	373	242 (a)	l48-63-54	1.00-8.00-2.74
1879 Pa.	384	75 M.	c60-60-60	.60-4.00-2.10	1893 N. Y.	20	4 M.	(a)	1.35-1.35-1.35
1879 England.	178	(a) M.	(a)	.69- .69- .69	1894 N. Y.	20	2 M.	(a)	1.35-1.35-1.35
1880 N. J.	319	1 (a)	55-55-55	1.50-1.50-1.50	1894 France.	129	(a) M.	60-60-60	1.35-1.54- —
1880 N. Y.	190	19 M.	60-60-60	1.20-1.70-1.55	1894 France.	130	(a) M.	(a)	.77- .97- —
1880 Pa.	385	1 M.	66-66-66	1.44-1.44-1.44	1894 Gr't Brit.	584	(a) M.	(a)	.95- .95- .95
1880 England.	571	(a) M.	50-50-50	.41- .71- —	1895 Ohio	376	414 M.	48-72-55	1.00-7.70-2.67
1881 N. Y.	190	18 M.	60-60-60	1.00-1.95-1.59	1895 Wis.	413	1 (a)	66-66-66	4.00-4.00-4.00
1882 N. Y.	190	18 M.	60-60-60	.65-1.68-1.35	1895 Canada	187	(a) M.	60-96 —	1.10-1.20- —
1883 N. J.	322	14 M.	72-72-72	1.17-2.00-1.54	1895 France.	677	(a) (a)	60-60-60	1.36-1.56- —
1883 N. Y.	190	16 M.	60-60-60	1.00-1.68-1.47	1895 Gr't Brit.	585	(a) M.	(a)	.69- .77- —
1883 England.	43	(a) (a)	(a)	.81- .81- .81	1896 Conn.	8	1 M.	60-60-60	2.25-2.25-2.25
1883 England.	572	(a) M.	57-57-57	.76- .76- .76	1896 N. Y.	8	1 M.	60-60-60	1.75-1.75-1.75
1884 N. J.	323	32 M.	d54-72-59	1.62-2.53-1.84	1896 Pa.	8	11 M.	60-72-71	1.50-2.25-2.05
1884 N. Y.	190	12 M.	60-60-60	.90-1.50-1.40	1896 Pa.	394	2 M.	60-60-60	.98-1.64-1.31
1885 Del.	1	6 M.	60-60-60	1.77-1.77-1.77	1896 England.	586	(a) M.	(a)	.79- .81- —
1885 Ill.	1	8 M.	60-60-60	2.00-6.30-3.83	1897 N. Y.	8	1 M.	60-60-60	1.65-1.65-1.65
1885 Ind.	1	2 M.	60-60-60	3.75-3.75-3.75	1897 Ohio	377	403 (a)	48-72-53	.70-8.00-2.51
1885 Ky.	1	3 M.	60-60-60	2.75-4.00-3.25	1897 Pa.	395	5 M.	(a)	1.58-2.87-2.10
1885 N. J.	324	8 M.	54-72-63	.83-1.33-1.17	1898 Ohio	18	53 M.	(a)	1.04-7.00-2.90
1885 N. Y.	1	34 M.	60-72-64	1.72-2.60-2.03	1898 Pa.	18	62 M.	(a)	1.17-5.00-3.11
1885 N. Y.	190	4 M.	60-60-60	1.50-1.50-1.50	1899 Ohio	18	64 M.	(a)	1.25-8.40-3.39
1885 Ohio	1	55 M.	60-72-64	1.25-4.84-2.54	1899 Pa.	18	78 M.	(a)	1.70-7.09-3.42
1885 Pa.	1	34 M.	60-72-68	2.07-4.00-2.69					

CATCHERS, LAUNDRY.

1885 N. Y.	7	6 F.	60-60-60	1.00-1.17-1.03	1895 N. Y.	7	6 F.	60-60-60	1.17-1.17-1.17
1887 Ohio	3	1 F.	57-57-57	.50- .50- .50					

a Not reported.
b Not including hours of 54 persons not reported.
c Not including hours of 74 persons not reported.
d Not including hours of 20 persons not reported.
e Not including hours of 11 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 8 persons not reported.
h Not including hours of 56 persons not reported.
i Not including hours of 3 persons not reported.
j Applies to but 11 of the 21 wage quotations.
k Not including hours of 1 person not reported.
l Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CATCHERS, PRINTING AND PUBLISHING.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Germany	610	(a)	F.	(a)	0.16-0.18- —	1888 Germany	558	(a)	(a)	54-54-54	0.52-0.52-0.52
1887 Germany	557	(a)	F.	54-60 —	.24- .60- —	1891 Belgium	457	(a)	M.	60-60-60	.05- .43- —
1888 Germany	558	(a)	F.	54-63 —	.24- .60- —	1895 France	513	(a)	M.	b 60-60-60	.19- .24- —

CATCH STITCHERS.

1888 N. Y	331	27	M.	c 60-60-60	.58-1.50- .97	1890 N. Y	333	2	M.	(a)	1.50-1.85-1.68
1888 N. Y	331	1	F.	60-60-60	1.00-1.00-1.00	1891 N. Y	333	2	M.	(a)	1.50-1.85-1.68

CATSUP MAKERS.

1887 Ill	3	1	F.	61-61-61	.67- .67- .67	1894 Ohio	375	1	M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	1	M.	60-60-60	2.50-2.50-2.50	1896 Ohio	377	2	M.	60-60-60	2.50-2.50-2.50

CATTLEMEN.

1864 Scotland	628	(a)	M.	(a)	.31- .31- .31	1869 Scotland	628	(a)	M.	(a)	f .34- .41- —
1867 England	628	(a)	M.	(a)	.49- .52- —	1870 Scotland	628	(a)	M.	(a)	.37- .37- .37
1867 England	628	(a)	M.	(a)	d .53- .61- —	1886 Cuba	175	(a)	M.	(a)	.65- .65- .65
1868 England	628	(a)	M.	(a)	.42- .67- —	1886 S. Salvador	64	(a)	M.	66-66-66	g .38- .38- .38
1869 Scotland	628	(a)	M.	(a)	.36- .65- —	1895 Scotland	586	(a)	M.	(a)	.42- .53- —
1869 Scotland	628	(a)	M.	(a)	e .23- .31- —						

CAUSTIC MAKERS.

1885 Me	7	6	M.	(a)	1.40-1.92-1.60	1892 England	632	(a)	(a)	56-84 —	1.35-2.58- —
1889 England	576	(a)	M.	(a)	1.30-1.62- —	1892 Scotland	632	(a)	(a)	72-72-72	2.11-2.11-2.11
1890 England	92	(a)	M.	72-72-72	1.70-1.70-1.70	1895 Me	7	8	M.	60-60-60	1.50-2.00-1.69
1890 England	576	(a)	M.	(a)	1.46-1.78- —						

CELLAR BOYS, CRUCIBLE STEEL.

1865 England	627	(a)	M.	72-78 —	.16- .16- .16	1883 England	572	(a)	M.	(a)	.36- .49- —

CELLAR HANDS, LIQUORS.

1871 England	568	(a)	M.	72-72-72	1.09-1.09-1.09	1885 Canada	467	(a)	M.	60-60-60	1.35-1.35-1.35
1872 England	185	(a)	M.	72-72-72	1.09-1.09-1.09	1886 Canada	468	(a)	M.	60-60-60	1.39-1.39-1.39
1873 Pa	379	12	M.	(a)	2.00-2.00-2.00	1886 C. of G'd H.	483	(a)	(a)	(a)	1.14-1.14-1.14
1874 Ireland	569	(a)	M.	60-60-60	.77- .77- .77	1886 England	604	(a)	M.	(a)	.74-1.12- —
1882 Ohio	364	141	(a)	(h)	1.00-3.17-2.35	1888 N. Y	331	120	M.	i 59-72-60	1.30-3.00-2.67
1883 Mass	273	45	M.	(a)	1.67-2.67-2.08	1888 Canada	470	(a)	M.	61-61-61	1.33-1.33-1.33
1883 Scotland	572	(a)	M.	57-57-57	.89- .89- .89	1889 Canada	471	(a)	M.	60-61 —	1.30-1.34- —
1884 Canada	466	(a)	M.	60-60-60	1.30-1.30-1.30	1890 N. Y	333	80	M.	(a)	1.40-3.00-2.35
1884 Germany	178	(a)	M.	(a)	.60- .95- —	1890 Ohio	371	134	(a)	42-72-61	1.40-2.50-2.00
1884 Spain	178	(a)	M.	66-66-66	.48- .92- —	1890 C. of G'd H.	486	(a)	M.	(a)	1.10-1.10-1.10

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 26 persons not reported.
d And perquisites.
e And board and lodging.
f And house and perquisites.
g And rations.
h 60-112-77 hours; not including hours of 4 persons not reported.
i Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CELLAR HANDS, LIQUORS—Concluded.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y	333	110 M.	(a)	1.33-3.67-2.65	1894 Australia	425	(a) (a)	(a)	1.62-2.03- —
1892 Cal	196	9 M.	54-60-55	1.67-3.07-2.59	1895 N. Y	20	9 M.	60-60-60	2.00-2.00-2.00
1892 N. Y	20	9 M.	60-60-60	2.00-2.00-2.00	1895 Ohio	376	248 M.	d 60-72-60	1.00-2.90-2.31
1892 Algeria	505	(a) M.	70-70-70	b.87- .97- —	1895 Australia	426	(a) (a)	(a)	1.62-2.03- —
1892 Australia	424	(a) M.	(a)	1.22-2.43- —	1896 Nebr	314	3 M.	(a)	1.50-2.11-1.91
1892 C. of G'd H.	486	(a) M.	(a)	.73-1.62- —	1896 Ohio	377	150 M.	58-60-59	1.67-2.73-2.38
1892 France	505	(a) M.	54-81 —	.24-1.30- —	1896 Australia	427	(a) (a)	(a)	1.62-2.03- —
1892 France	505	(a) M.	60-60-60	b.68- .87- —	1896 France	510	(a) (a)	66-66-66	.58- .58- .58
1893 Ill	10	1 M.	60-60-60	2.71-2.71-2.71	1897 Nebr	314	1 M.	(a)	2.85-2.85-2.85
1893 N. Y	20	10 M.	60-60-60	2.00-2.00-2.00	1897 Australia	428	(a) (a)	(a)	1.22-2.03- —
1893 Ohio	374	211 M.	60-72-60	1.50-2.75-2.38	1898 Australia	429	(a) (a)	(a)	1.22-2.03- —
1894 N. Y	20	9 M.	60-60-60	2.00-2.00-2.00	1899 Pa	18	36 (a)	60-60-60	2.50-3.33-2.60
1894 Ohio	375	229 M.	c 54-72-60	1.33-3.10-2.31	1900 Pa	18	31 (a)	60-60-60	2.50-3.33-2.59

CELLAR HANDS, TANNERY.

1856 Mass	190	14 M.	66-66-66	.83-1.00- .89	1875 Mass	190	6 M.	60-60-60	1.50-2.00-1.72
1857 Mass	190	5 M.	66-66-66	.83-1.17- .97	1876 Mass	190	7 M.	60-60-60	1.50-1.83-1.62
1858 Mass	190	2 M.	66-66-66	.84-1.17-1.01	1877 Mass	190	7 M.	60-60-60	1.50-2.00-1.67
1859 Mass	190	1 M.	66-66-66	1.00-1.00-1.00	1878 Mass	190	8 M.	60-60-60	1.33-2.00-1.71
1860 Mass	190	1 M.	66-66-66	1.00-1.00-1.00	1879 Mass	190	8 M.	60-60-60	1.42-2.00-1.59
1861 Mass	190	1 M.	66-66-66	1.17-1.17-1.17	1880 Mass	190	6 M.	60-60-60	1.50-2.00-1.74
1862 Mass	190	2 M.	66-66-66	1.17-1.34-1.26	1881 Mass	190	5 M.	60-60-60	1.50-2.00-1.68
1863 Mass	190	2 M.	66-66-66	1.33-1.50-1.42	1882 Mass	190	3 M.	60-60-60	1.50-1.75-1.64
1864 Mass	190	2 M.	66-66-66	1.67-1.84-1.76	1883 Mass	190	3 M.	60-60-60	1.50-1.83-1.69
1865 Mass	190	2 M.	66-66-66	2.00-2.00-2.00	1884 Mass	190	3 M.	60-60-60	1.50-1.83-1.69
1866 Mass	190	2 M.	66-66-66	2.00-2.00-2.00	1885 Mass	190	5 M.	60-60-60	1.33-1.83-1.57
1867 Mass	190	2 M.	66-66-66	1.83-1.84-1.84	1886 Mass	190	3 M.	60-60-60	1.33-1.67-1.50
1868 Mass	190	4 M.	66-66-66	1.67-1.84-1.79	1887 Mass	190	2 M.	60-60-60	1.33-1.67-1.50
1869 Mass	190	4 M.	66-66-66	1.67-2.00-1.83	1888 Mass	190	2 M.	60-60-60	1.33-1.67-1.50
1870 Mass	190	5 M.	60-60-60	1.67-2.00-1.93	1889 Mass	190	1 M.	60-60-60	1.67-1.67-1.67
1871 Mass	190	5 M.	60-60-60	1.83-2.00-1.93	1890 Mass	190	1 M.	60-60-60	1.67-1.67-1.67
1872 Mass	190	5 M.	60-60-60	1.83-2.00-1.93	1891 Mass	190	4 M.	60-60-60	1.17-1.67-1.46
1873 Mass	190	5 M.	60-60-60	1.83-2.00-1.97	1892 Mass	190	4 M.	60-60-60	1.17-1.67-1.46
1874 Mass	190	5 M.	60-60-60	1.83-2.00-1.97					

CEMENTERS, BOOTS AND SHOES.

1879 Pa	7	9 M.	57-57-57	.25- .42- .34	1895 Mass	7	3 M.	58-59-58	.75-1.10- .99
1885 Mass	7	2 M.	59-59-59	.67- .98- .83	1895 Mass	8	10 M.	60-60-60	1.00-1.75-1.45
1885 Ohio	7	3 M.	60-60-60	.83- .83- .83	1895 Mass	8	5 F.	60-60-60	1.25-1.25-1.25
1887 N. Y	3	1 F.	53-53-53	.54- .54- .54	1895 N. Y	8	1 M.	60-60-60	.67- .67- .67
1891 Me	257	3 (a)	(a)	1.63-1.63-1.63	1896 Mass	8	2 M.	60-60-60	1.00-1.50-1.25
1892 Me	258	2 F.	(a)	.83-1.04- .94	1896 Ohio	7	11 M.	60-60-60	.83- .83- .83
1894 N. Y	8	1 M.	60-60-60	.75- .75- .75	1896 Pa	7	4 M.	59-59-59	.42- .50- .44

CEMENTERS, OPTICAL GOODS.

1886 N. Y	7	1 F.	(a)	.83- .83- .83	1896 N. Y	7	5 F.	59-59-59	.42- .83- .63

CEMENTERS, RUBBER GOODS.

1883 N. J	7	5 F.	60-60-60	1.46-1.58-1.51	1894 France	506	(a) F.	72-72-72	.39- .58- —
1885 N. J	324	3 F.	60-60-60	.67-1.17- .83	1895 N. J	7	6 F.	60-60-60	1.50-1.67-1.64
1887 Mass	3	2 F.	52-52-52	1.00-1.00-1.00	1896 Mass	8	9 M.	60-60-60	.75-1.25- .97
1887 N. Y	3	1 F.	59-59-59	.75- .75- .75	1896 R. I	8	125 F.	60-60-60	1.25-1.25-1.25

a Not reported.
b And *gratifications*.
c Not including hours of 24 persons not reported.
d Not including hours of 33 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CEMENT WORKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
(a) England ..	561	(b) (b)	(b)	0.97-0.97-0.97
1861 England ..	564	(b) (b)	62-62-62	.61- .73- —
1873 Germany .	177	(b) M.	(b)	.95- .95- .95
1874 Germany .	177	(b) M.	(b)	.95- .95- .95
1875 Germany .	177	(b) M.	(b)	.83- .83- .83
1876 Germany .	177	(b) M.	(b)	.83- .83- .83
1877 Germany .	177	(b) M.	(b)	.80- .80- .80
1878 Germany .	177	(b) M.	(b)	.80- .80- .80
1884 Germany .	178	(b) M.	(b)	.60- .95- —
1887 N. Y.....	331	120 M.	60-60-60	1.25-1.25-1.25
1888 N. Y.....	331	77 M.	58-60-60	1.37-1.75-1.52
1889 Germany .	514	(b) (b)	(b)	1.19-1.19-1.19
1890 N. Y.....	333	88 M.	(b)	1.50-2.75-1.80
1890 Netherl'ds	666	(b) M.	(b)	.47- .47- .47
1891 N. Y.....	333	95 M.	(b)	1.00-5.00-1.88
1892 Algeria ...	505	(b) M.	60-60-60	1.30-1.30-1.30
1892 France....	505	(b) M.	60-77 —	.72-1.25- —
1894 France....	508	(b) M.	60-60-60	1.16-1.16-1.16
1895 France....	513	(b) M.	60-60-60	1.06-1.06-1.06
1896 Md.....	14	42 M.	60-60-60	1.25-3.50-1.60
1896 Mass	14	60 M.	54-54-54	2.00-4.01-3.00
1896 N. Y.....	14	97 M.	48-60-59	1.68-2.00-1.78
1896 Pa	14	80 M.	60-60-60	1.50-1.50-1.50
1896 France....	505	(b) M.	42-60 —	.49- .70- —
1896 France....	510	(b) (b)	60-60-60	.77-1.25- —
1897 Kans.....	251	1 M.	70-70-70	1.15-1.15-1.15
1897 France....	511	(b) M.	66-72 —	1.06-1.39- —
1898 France....	512	(b) M.	60-60-60	.72- .87- —

CENTERERS, OPTICAL GOODS.

1886	N. Y.....	7	3	M.	(b)	1.63-2.33-2.07	1896	N. Y.....	7	9	M.	60-60-60	.55-2.50-1.44

CHAINERS, CARPETINGS.

1885	N. Y.....	1	2	F.	60-60-60	.98-1.05-1.02	1890	N. Y.....	333	14	M.	(b)	.80-1.65- .89
1887	N. Y.....	3	1	F.	60-60-60	.93- .93- .93	1891	N. Y.....	333	13	M.	(b)	.80-1.65- .90

CHAINERS, LOGGING.

1891	Canada ...	191	(b)	M.	(b)	c.54- .69- —	1894	Canada ...	191	(b)	M.	(b)	c.61- .73- —
1892	Canada ...	191	(b)	M.	(b)	c.65- .77- —	1895	Canada ...	191	(b)	M.	(b)	c.65- .73- —
1893	Canada ...	191	(b)	M.	(b)	c.61- .88- —	1896	Canada ...	191	(b)	M.	(b)	c.54- .65- —

CHAIN MAKERS' HELPERS, IRON AND STEEL.

1891	Belgium ..	457	(b)	M.	63-63-63	.19- .24- —	1896	Ohio	377	12	M.	60-60-60	1.48-1.48-1.48
1895	Ohio	376	15	M.	60-60-60	1.50-1.50-1.50	1896	Pa	8	4	M.	60-60-60	.60- .60- .60
1895	Pa	8	4	M.	60-60-60	.75-1.00- .94	1897	Pa	8	3	M.	48-50-49	.50- .55- .52

CHAIN MAKERS' HELPERS, TEXTILES.

1889	Scotland ..	6	(b)	M.	57-57-57	.41- .73- —	....	.....	....	....	...	.....	.....

CHAIN MAKERS, IRON AND STEEL.

1872	Ohi	359	2	M.	(b)	1.58-2.75-2.17	1887	Pa	390	38	M.	(b)	2.50-2.50-2.50
1877	Ohio	359	2	M.	59-60-60	1.25-2.08-1.67	1888	N. Y.....	331	1	M.	(b)	3.00-3.00-3.00
1880	N. J	319	2	(b)	59-59-59	1.50-1.83-1.67	1888	England ..	631	(b)	M.	(b)	.32- .57- —
1883	Ohio	365	3	M.	60-60-60	1.83-2.00-1.94	1888	England ..	631	(b)	F.	(b)	.16- .28- —
1883	England ..	572	(b)	M.	(b)	1.09-1.30- —	1889	Canada ...	471	(b)	M.	58-58-58	1.78-1.78-1.78
1883	Gr't Brit ..	273	(b)	M.	(b)	1.14-2.43- —	1890	N. Y.....	333	4	M.	(b)	2.50-2.50-2.50
1884	N. J	323	17	M.	48-60-49	1.50-2.75-2.68	1891	N. Y.....	333	4	M.	(b)	2.50-2.50-2.50
1887	Ohio	369	66	M.	60-60-60	2.00-3.50-2.55	1891	Belgium ..	457	(b)	M.	63-63-63	.77- .97- —

a Average for 1855–57. b Not reported. c And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHAIN MAKERS, IRON AND STEEL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 England ..	576	(a) M.	(a)	0.81-0.85- —
1891 Gr't Brit ..	576	(a) M.	54-54-54	1.01-2.03- —
1892 France....	505	(a) M.	72-72-72	.29- .87- —
1893 Ohio	374	25 M.	60-60-60	2.25-2.50-2.28
1893 England ..	583	(a) M.	(a)	.85-1.22- —
1893 Gr't Brit ..	578	(a) M.	62-62-62	1.05-1.78- —
1894 Ohio	375	64 M.	b54-60-58	1.00-2.50-1.21
1894 England ..	590	(a) M.	(a)	.61- .89- —
1894 England ..	590	(a) F.	(a)	0.28-0.41- —
1895 Ohio	376	97 M.	b60-60-60	1.00-2.50-1.66
1895 Aust-Hun .	435	(a) M.	60-60-60	.41- .41- .41
1895 England ..	591	(a) M.	(a)	1.22-1.34- —
1896 Ohio	377	156 M.	c60-60-60	1.00-2.10-1.56
1897 France....	511	(a) M.	60-60-60	1.35-1.54- —
1898 France....	512	(a) M.	57-60 —	.48-1.35- —

CHAIN MAKERS, TEXTILES.

1883	Mass	273	3	M.	(a)	1.25-1.25-1.25	1889	Scotland ..	6	(a) M.	57-57-57	.97- .97- .97
1885	Mass	1	1	M.	60-60-60	.60- .60- .60	1890	N. Y.....	6	1 M.	60-60-60	.60- .60- .60
1885	N. Y.....	1	4	M.	66-66-66	.94-1.32-1.04	1890	R. I	6	1 M.	(a)	1.75-1.75-1.75
1886	N. Y.....	3	1	F.	52-52-52	1.33-1.33-1.33	1891	N. Y.....	6	1 M.	60-60-60	.80- .80- .80
1888	Conn.....	6	2	M.	(a)	1.38-1.38-1.38	1892	R. I	20	2 M.	60-60-60	1.50-1.50-1.50
1888	N. J	6	1	F.	(a)	1:50-1.50-1.50	1893	R. I	20	2 M.	60-60-60	1.50-1.50-1.50
1888	N. Y.....	331	1	M.	(a)	1.50-1.50-1.50	1894	R. I	20	2 M.	60-60-60	1.35-1.35-1.35
1888	R. I	6	3	M.	d60-60-60	1.50-1.67-1.61	1894	R. I	401	1 (a)	(a)	1.60-1.60-1.60
1889	Conn.....	6	2	M.	(a)	1.25-1.25-1.25	1895	R. I	20	2 M.	60-60-60	1.50-1.50-1.50
1889	Me	6	3	M.	60-60-60	.80-1.00- .87	1896	Ga	7	3 M.	66-66-66	.50- .50- .50
1889	N. Y.....	6	5	M.	d60-60-60	.67-1.50-1.03						

CHAIN MEN, RAILROAD.

1887	Conn.....	4	2	M.	(a)	2.50-2.75-2.63	1887	Oregon....	4	16 M.	(a)	1.53-2.49-1.75
1887	Mo	4	6	M.	(a)	1.50-2.00-1.62	1887	Pa	4	24 M.	(a)	1.00-2.00-1.58
1887	N. J	4	2	M.	(a)	1.73-2.00-1.87	1887	W. Va	4	5 M.	(a)	1.25-1.73-1.51
1887	N. Y.....	4	8	M.	(a)	1.53-2.50-1.86	1887	Wis	4	6 M.	(a)	1.00-2.00-1.75

CHAIR BEARERS.

1889	China.....	88	(a)	(a)	(a)	.16- .30- —	1891	China.....	105	(a)	(a)	(a)	.12- .12- .12

CHAIR BOTTOMERS.

1855	N. J	8	1	M.	60-60-60	1.50-1.50-1.50	1891	N. Y	333	15 M.	(a)	1.00-1.00-1.00
1860	N. J	8	1	M.	60-60-60	1.50-1.50-1.50	1891	N. Y	333	24 F.	(a)	.75-1.75-1.50
1875	Mass.....	270	7	M.	(a)	.32- .32- .32	1891	Ohio	372	6 M.	48-48-48	.33- .33- .33
1882	Mo.....	294	1	M.	60-60-60	1.57-1.57-1.57	1891	Ohio	372	3 F.	48-48-48	.42- .42- .42
1883	Mass.....	273	10	F.	(a)	.50-1.00- .70	1892	Cal	196	1 F.	54-54-54	1.25-1.25-1.25
1884	Brazil.....	178	(a)	M.	(a)	.65-1.08- —	1892	France....	505	(a) F.	72-72-72	.58- .58- .58
1885	Ind	3	1	F.	(a)	.67- .67- .67	1893	N. Y	10	2 M.	60-60-60	.92-1.50-1.21
1886	Mass.....	2	15	M.	59-59-59	.50- .50- .50	1893	Ohio	374	22 F.	d48-48-48	.50- .75- .52
1887	Ill	3	3	F.	50-61-55	.50- .83- .65	1894	Ohio	375	39 F.	f48-60-52	.40-1.00- .55
1887	Ohio	3	6	F.	59-59-59	.33- .75- .55	1895	N. Y	8	1 M.	60-60-60	1.00-1.00-1.00
1887	Ohio	369	107	M.	60-60-60	1.50-1.50-1.50	1895	Ohio	376	7 M.	50-50-50	1.00-1.00-1.00
1888	Ind	3	10	F.	e52-58-55	.07- .50- .32	1895	Ohio	376	28 F.	g48-60-54	.40- .80- .48
1888	Canada ...	470	(a)	F.	60-60-60	.38- .38- .38	1896	Ga	8	12 M.	60-60-60	.50- .65- .53
1889	Mich.....	281	23	(a)	60-60-60	.21- .67- .45	1896	Ga	8	20 F.	60-60-60	.60- .60- .60
1890	N. Y	333	16	M.	(a)	1.00-2.50-1.09	1896	Ohio	377	27 F.	48-48-48	.40- .50- .41
1890	N. Y	333	23	F.	(a)	.75-1.75-1.45	1896	Tenn	15	1 M.	(a)	.17- .17- .17
1891	Mich.....	283	104	F.	(a)	.48-1,17- .59	1898	N. J	329	7 M.	60-60-60	1.50-2.00-1.71

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 66 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 6 persons not reported.
f Not including hours of 25 persons not reported.
g Not including hours of 20 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHAIR MAKERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1845 Mass	8	3 M.	72-72-72	1.50-1.50-1.50
1860 Germany	185	(a) M.	(a)	.36- .36- .36
1864 Germany	185	(a) M.	(a)	.36- .36- .36
1864 Germany	610	(a) M.	(a)	.43- .61- —
1865 Germany	185	(a) M.	(a)	.42- .42- .42
1866 Germany	185	(a) M.	(a)	.42- .42- .42
1867 Germany	185	(a) M.	(a)	.48- .48- .48
1868 Germany	185	(a) M.	(a)	.48- .48- .48
1870 Germany	185	(a) M.	(a)	.36- .48- —
1870 Netherl'ds	610	(a) M.	60-60-60	.28- .28- .28
1871 England	629	(a) (a)	60-60-60	1.22-2.03- —
1871 Germany	185	(a) M.	(a)	.05- .78- —
1873 Germany	177	(a) M.	(a)	.60- .60- .60
1874 Germany	177	(a) M.	(a)	.63- .63- .63
1874 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1875 Germany	177	(a) M.	(a)	.63- .63- .63
1875 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1876 Germany	177	(a) M.	(a)	.63- .63- .63
1876 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1877 N. J	317	1 (a)	60-60-60	.75- .75- .75
1877 Ohio	359	86 M.	(a)	1.33-1.67-1.57
1877 Germany	177	(a) M.	(a)	.60- .60- .60
1877 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1878 Germany	177	(a) M.	(a)	.60- .60- .60
1878 Scotland	177	(a) M.	51-51-51	1.08-1.17- —
1879 Pa	384	1 M.	60-60-60	1.25-1.25-1.25
1880 Pa	385	3 M.	54-60-58	1.37-1.60-1.49
1882 Mo	294	2 M.	60-60-60	2.50-2.50-2.50
1882 Ohio	364	96 (a)	54-60-59	1.50-2.50-2.18
1883 Mich	277	25 M.	(a)	1.00-1.00-1.00
1883 Ohio	365	3 M.	60-60-60	2.00-2.00-2.00
1884 Mich	278	1 M.	(a)	2.00-2.00-2.00
1884 Ohio	366	2 M.	59-59-59	2.25-2.25-2.25
1884 Canada	466	(a) M.	60-60-60	1.45-1.45-1.45
1884 England	178	(a) M.	(a)	1.42-1.66- —
1884 France	178	(a) M.	(a)	.58- .67- —
1884 France	178	(a) F.	(a)	.39- .48- —
1884 France	178	(a) (a)	(a)	.19- .29- —
1884 Germary	178	(a) M.	b 72-72-72	.56- .71- —
1885 Ind	1	9 M.	60-60-60	2.00-2.50-2.06
1885 Canada	467	(a) M.	55-60 —	1.33-1.39- —
1885 Germany	69	(a) M.	(a)	.48- .48- .48
1886 Argentina	57	(a) M.	(a)	.80-1.20- —
1886 Canada	468	(a) M.	59-63 —	1.44-1.46- —
1886 Germany	69	(a) M.	(a)	.56- .56- .56
1887 Ohio	369	435 M.	60-60-60	.50-2.25-1.62
1887 Ohio	369	235 F.	60-60-60	.50- .75- .72
1887 Wis	409	15 M.	(a)	1.20-2.50-1.25
1887 Canada	469	(a) M.	52-55 —	1.33-1.33-1.33
1888 N. Y	331	23 M.	54-60-58	1.83-2.50-2.33
1888 Canada	470	(a) M.	59-59-59	1.42-1.42-1.42
1889 Mich	281	72 M.	60-60-60	.17-2.17-1.34
1889 Mich	281	14 (a)	60-60-60	0.29-0.83-0.56
1889 Canada	471	(a) M.	57-58 —	1.38-1.40- —
1889 Germany	550	(a) M.	81-84 —	.24- .63- —
1889 Netherl'ds	516	(a) (a)	(a)	c .07- .08- —
1890 N. Y	333	85 M.	(a)	1 00-3.00-1 94
1890 Australia	423	(a) (a)	48-48-48	2.03-2.43- —
1890 France	510	(a) (a)	72-72-72	.87- .87- .87
1891 Mich	283	1 F.	(a)	.24- .24- .24
1891 N. Y	333	103 M.	(a)	1.00-3.00-1.84
1891 Belgium	457	(a) M.	d 60-66 —	.03- .87- —
1891 China	105	(a) (a)	(a)	29- .29- .29
1891 France	505	(a) M.	e 54-66 —	.77-1.93- —
1892 Cal	196	5 M.	60-60-60	1.50-3.00-2.30
1892 Ind	227	33 (a)	60-60-60	1.33-1.60-1.44
1892 N. C	8	1 M.	60-60-60	75- .75- .75
1892 Australia	424	(a) M.	(a)	.30-2.23- —
1892 England	632	(a) M.	(a)	.73- .97- —
1892 France	505	(a) M.	72-72-72	.48-1.35- —
1892 France	505	(a) M.	72-72-72	f .58- .97- —
1892 France	505	(a) F.	72-72-72	f .29-1.06- —
1892 Spain	115	(a) M.	(a)	.60-1 00- —
1893 Ill	10	1 M.	54-54-54	1.50-1.50-1.50
1893 Md	10	6 M.	60-60-60	.42-1.33-1.01
1893 N. Y	10	1 M.	60-60-60	.50- .50- .50
1893 Ohio	374	101 M.	g 51-60-58	1.25-2.00-1.75
1893 Ohio	374	1 F.	60-60-60	1.00-1.00-1.00
1893 France	507	(a) (a)	66-66-66	.77- .77- .77
1894 Ind	228	33 M.	52-60-53	1.55-1.58-1 55
1894 N. H	316	3 M.	50-59-56	1.50-2.00-1.75
1894 N. Y	8	4 M.	60-60-60	1.35-2.00-1 75
1894 Ohio	374	1 M.	(a)	1.17-1.17-1.17
1894 Ohio	375	69 M.	48-60-53	1.12-2.00-1.64
1894 Australia	425	(a) (a)	(a)	.41-2.31- —
1894 France	508	(a) M.	72-72-72	.48- .58- —
1895 N. C	8	1 M.	60-60-60	.75- .75- .75
1895 Ohio	376	84 M.	48-60-53	1.25-2.00-1.54
1895 Australia	426	(a) (a)	(a)	.41-2.31- —
1895 Spain	133	(a) M.	(a)	.60-1.00- —
1896 Ga	8	2 M.	60-60-60	1.06-1.06-1.06
1896 Mass	8	1 M.	54-54-54	2.75-2.75-2.75
1896 N. C	350	1 M.	60-60-60	.80- .80- .80
1896 Ohio	377	63 M.	48-60-54	1.40-1.75-1.58
1896 Australia	427	(a) (a)	(a)	1.62-2.31- —
1896 France	505	(a) M.	54-72 —	.39- .77- —
1896 France	510	(a) (a)	72-72-72	.48- .48- .48
1897 Mass	8	2 M.	54-54-54	2.25-2.75-2.50
1897 Australia	428	(a) (a)	(a)	1.01-2.27- —
1897 France	511	(a) M.	60-72 —	.73- .97- —
1898 Australia	429	(a) (a)	(a)	1.01-2.27- —
1899 England	588	(a) (a)	53-54 —	1.72-1.77- —
1899 N. Zealand	681	(a) (a)	47-47-47	2.06-2.06-2.06

CHAMBERMAIDS.

1870	Brazil	610	(a) F.	(a)	.38- .48- —
1870	Switzerl'd	610	(a) F.	(a)	.19- .19- .19
1872	Mass	268	233 F.	(a)	h .54- .71- .61
1873	Switzerl'd	185	(a) F.	(a)	.20- .20- .20
1875	France	177	(a) F.	(a)	.11- .33- —
1878	Ohio	360	19 F.	(a)	.38- .38- .38
1878	France	177	(a) F.	(a)	h .11- .25- —
1878	Germany	177	(a) F.	(a)	.08- .16- —
1883	Mich	277	3 F.	(a)	.36- .36- .36
1884	Aust-Hun	178	(a) F.	(a)	i .08- .23- —
1884	Belgium	178	(a) F.	(a)	.27- .27- .27
1884	Belgium	178	(a) F.	(a)	i .29- .38- —
1884	Canada	178	(a) F.	(a)	.16- .36- —
1884	Canada	466	(a) F.	62-62-62	h .31- .31- .31
1884	Cuba	178	(a) F.	(a)	h .12- .28- —
1884	England	178	(a) F.	(a)	.16- .21- —
1884	England	178	(a) F.	(a)	i .05½-.25- —
1884	France	178	(a) F.	(a)	.09½-.38- —
1884	France	178	(a) F.	(a)	h .06½-.32- —
1884	Germany	178	(a) F.	j 60-60-60	.08- .24- —

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Per hour.
d Applies to but 14 of the 15 wage quotations.
e Applies to but 4 of the 5 wage quotations.
f And lodging and heat.
g Not including hours of 6 persons not reported.
h And board.
i And board and lodging.
j Applies to but 3 of the 16 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHAMBERMAIDS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany..	178	(a) F.	b84-84-84	c0.08-0.23- —	1892 Me	258	43 F.	e70-70-70	c0.29-0.64-0.42
1884 Italy	178	(a) F.	(a)	d.05- .33- —	1892 C. of G'd H.	486	(a) F.	(a)	d.12- .56- —
1884 Madeira Is.	178	(a) F.	(a)	c.16- .16- .16	1892 Spain	115	(a) F.	(a)	c.10- .12- —
1884 Mexico....	178	(a) (a)	(a)	d.13- .33- —	1893 Ill.....	10	12 F.	49-84-58	.57-1.14- .74
1884 Netherl'ds.	178	(a) F.	(a)	d.15- .25- —	1893 Ill.....	10	22 F	f54-98-71	c.57- .86- .71
1884 Russia.....	178	(a) F.	(a)	d.08- .12- —	1893 Mont.....	307	8 F.	g63-81-72	d.66- .99- .74
1884 S. Domingo	178	(a) (a)	(a)	.10- .13- —	1893 N. Y.....	10	3 F.	36-82-54	.36- .86- .60
1884 Spain	178	(a) F.	(a)	d.05- .18- —	1893 N. Y.....	10	1 F.	84-84-84	c.39- .39- .39
1884 Switzerl'd.	178	(a) F.	(a)	.07½-.19- —	1893 Pa	10	2 F.	70-84-77	.50- .50- .50
1884 Switzerl'd.	178	(a) F.	(a)	d.09½-.33- —	1893 Egypt.....	632	(a) F.	(a)	.32- .38- —
1884 Wales.....	178	(a) F.	(a)	d.13- .21- —	1894 Aust-Hun .	127	(a) F.	(a)	.21- .21- .21
1885 Canada ...	467	(a) F.	73-73-73	c.30- .30- .30	1894 C. of G'd H.	487	(a) F.	70-84 —	.42- .61- —
1886 Canada ...	468	(a) F.	69-69-69	c.27- .29- —	1894 C. of G'd H.	487	(a) F.	63-84 —	d.14- .16- —
1886 Germany..	175	(a) F.	(a)	.05½-.13- —	1895 Greece	137	(a) (a)	(a)	.09- .18- —
1887 Pa	4	3 F.	(a)	.39- .39- .39	1895 Spain	133	(a) F.	(a)	.10- .12- —
1888 N. Y.....	331	10 F.	59-59-59	.26- .26- .26	1896 Ga	15	2 F.	(a)	.29- .36- .33
1889 Italy	95	(a) F.	(a)	.06½-.33- —	1896 Belgium ..	184	(a) F.	(a)	.20- .32- —
1891 Mich.....	283	135 F.	(a)	.25- .50- .35	1896 Portugal ..	184	(a) F.	(a)	.08- .11- —
1892 Ill.....	210	74 F.	63-63-63	d.40- .49- .41	1898 Mass	276	1 F.	81-81-81	.77- .77- .77

CHAMBER MEN, CHEMICALS.

1884 England ..	178	(a) M.	56-72 —	1.17-2.43- —	1890 England ..	576	(a) M.	(a)	1.01-1.05- —
1889 England ..	576	(a) M.	(a)	.87- .97- —					

CHANDELIER MAKERS.

1880 England ..	571	(a) M.	49-49-49	1.42-1.42-1.42	1893 Ohio	374	24 M.	60-60-60	2.50-2.50-2.50
1887 Conn.....	202	21 M.	(a)	2.28-2.28-2.28	1893 Pa	10	1 M.	60-60-60	1.83-1.83-1.83
1888 N. Y.	331	25 M.	(a)	2.83-2.83-2.83	1894 Ohio	375	11 M.	60-60-60	8.00-8.00-8.00
1890 N. Y	333	5 M.	(a)	2.50-2.50-2.50	1895 Ohio	376	24 M.	60-60-60	2.00-2.00-2.00
1891 N. Y.....	333	111 M.	(a)	1.50-3.33-2.48	1896 Md.....	14	35 M.	60-60-60	2.50-2.50-2.50
1892 Cal.....	196	14 M.	60-60-60	1.50-4.17-2.94	1896 Ohio	377	15 M.	60-60-60	1.60-2.00-1.87
1893 Ill.....	10	1 M.	60-60-60	2.00-2.00-2.00	1896 England ..	592	(a) M.	(a)	1.30-1.36- —

CHANDELIER MAKERS' HELPERS.

1891 N. Y.....	333	11 M.	(a)	.67-1.17- .86	....	....	....	....	...	....	....

CHANGERS, STREET RAILWAY.

1885 Mo.....	296	8 M.	60-60-60	1.50-1.50-1.50	1888 Ohio	370	42 M.	h54-84-68	.83-1.75-1.46
1886 Kans.....	240	1 M.	77-77-77	1.25-1.25-1.25	1892 Ohio	373	4 (a)	(a)	1.00-1.29-1.15
1887 Mo.....	297	12 M.	60-84-64	1.25-1.50-1.29	1895 Mich.....	287	5 M.	(a)	1.00-1.55-1.43

CHANNELERS, HARNESS.

1895 N. J	8	1 F.	60-60-60	1.00-1.00-1.00	1895 Ohio	8	3 M.	60-60-60	1.00-1.00-1.00

a Not reported.
b Applies to but 2 of the 27 wage quotations.
c And board.
d And board and lodging.
e Not including hours of 4 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHANNELERS, SOLE, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Mass	8	21 M.	a60-60-60	2.00-3.33-2.64					

CHANNEL TURNERS, SOLE, BOOTS AND SHOES.

1895 Mass	8	19 M.	b60-60-60	1.25-2.25-1.64					

CHARCOAL BURNERS.

1874 Pa	380	2 M.	(c)	2.25-2.25-2.25	1884 Ireland	178	(c) M.	56-56-56	0.65-0.65-0.65
1875 France	177	(c) M.	(c)	.70-1.00- —	1885 Md	1	12 M.	72-72-72	1.50-1.71-1.64
1876 France	497	(c) M.	(c)	.41- .97- —	1886 France	495	(c) M.	(c)	.54- .97- —
1879 Pa	384	50 M.	d60-60-60	1.00-1.25-1.16	1887 France	495	(c) M.	(c)	.54- .97- —
1879 Pa	384	12 M.	(c)	e.77- .77- .77	1889 Md	5	3 M.	72-72-72	1.75-1.75-1.75
1879 France	499	(c) M.	(c)	.43- .97- —	1889 Portugal	691	(c) (c)	(c)	.13- .54- —
1880 France	500	(c) M.	(c)	.46-1.16- —	1891 France	522	(c) M.	(c)	.54- .97- —
1881 France	501	(c) M.	(c)	.46-1.16- —	1892 Corsica	505	(c) M.	(c)	.48- .68- —
1882 France	502	(c) M.	(c)	.47-1.16- —	1892 France	505	(c) M.	60-74 —	.58- .96- —
1884 Mich	278	1 M.	(c)	2.00-2.00-2.00	1892 Russia	692	(c) (c)	(c)	.32- .58- —
1884 France	504	(c) M.	(c)	.46-1.16- —	1896 France	505	(c) M.	48-66 —	1.16-1.16-1.16

CHARCOAL HOUSE MEN, SUGAR REFINERY.

1877 England	570	(c) M.	(c)	1.24-1.24-1.24	1883 England	572	(c) M.	f60-60-60	.79-1.30- —
1880 England	571	(c) M.	60-61 —	.49- .97- —	1883 Scotland	572	(c) M.	60-60-60	.83- .95- —
1880 Scotland	571	(c) M.	60-60-60	.32-1.01- —					

CHARCOAL LUMPERS, IRON AND STEEL.

1878 England	43	(c) (c)	(c)	2.43-2.43-2.43	1884 England	178	(c) M.	50-50-50	2.43-2.43-2.43
1883 England	43	(c) (c)	(c)	2.43-2.43-2.43					

CHARGEMEN, SINKERS, COAL MINING.

1873 England	185	(c) M.	(c)	g1.82-1.90- —						

CHARGERS, BLAST FURNACE.

1868 Germany	609	(c) (c)	84-84-84	.38- .54- —	1885 Belgium	1	(c) M.	84-84-84	.65- .65- .65
1871 England	629	(c) (c)	59-59-59	1.34-1.50- —	1885 Belgium	1	(c) F.	84-84-84	.34- .34- .34
1877 England	570	(c) M.	63-84 —	1.10-1.53- —	1888 England	5	(c) M.	h84-84-84	.73- .91- —
1880 England	571	(c) M.	74-84 —	1.04-1.22- —	1889 England	5	(c) M.	h84-84-84	1.27-1.34- —
1883 England	572	(c) M.	84-84-84	1.26-1.26-1.26	1891 Belgium	457	(c) M.	(c)	.77- .77- .77
1884 England	178	(c) M.	(c)	1.04-1.66- —	1893 Ohio	374	1 M.	70-70-70	1.50-1.50-1.50
1885 Ohio	1	4 M.	84-84-84	1.20-1.20-1.20					

CHARGERS, BUTTONS.

1886 R. I	3	4 F.	59-60-60	.58- .75- .67						

a Not including hours of 2 persons not reported.
b Not including hours of 3 persons not reported.
c Not reported.
d Not including hours of 32 persons not reported.
e And rent.
f Applies to but 1 of the 3 wage quotations.
g And house.
h Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHARGERS, CEMENT.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Italy	638	(a) M.	66-66-66	0.39-0.58- —	1893 Italy	639	(a) M.	66-66-66	0.39-0.58- —

CHARGERS, FIREWORKS.

1885 N. J	7	3 M.	52-52-52	2.00-2.00-2.00	1895 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1888 N. Y	331	10 M.	(a)	1.50-1.50-1.50	1895 N. J	7	6 M.	52-52-52	1.33-1.67-1.50
1889 Mass	8	1 M.	60-60-60	.50- .50- .50	1895 Ohio	376	13 M.	54-54-54	1.35-1.40-1.37
1891 N. Y	333	35 M.	(a)	1.00-1.00-1.00					

CHARGERS' HELPERS, BLAST FURNACE.

1877 England	570	(a) M.	84-84-84	.87- .87- .87	1883 England	572	(a) M.	84-84-84	.83- .83- .83
1880 England	571	(a) M.	84-84-84	.83- .83- .83	1889 England	5	(a) M.	(a)	.55- .55- .55

CHARGERS' HELPERS, CEMENT.

1891 Italy	638	(a) F.	66-66-66	.17- .29- —	1893 Italy	639	(a) F.	66-66-66	.17- .29- —

CHARGERS' HELPERS, IRON AND STEEL.

1888 England	5	(a) M.	(a)	.49- .51- —	1889 Belgium	5	(a) M.	72-72-72	.62- .62- .62
1889 W. Va	5	3 M.	(a)	1.00-1.50-1.33					

CHARGERS, IRON AND STEEL.

1871 England	629	(a) (a)	59-59-59	.61- .61- .61	1889 W. Va	5	14 M.	*f* 66-66-66	1.65-4.44-3.49
1876 Pa	381	8 M.	(a)	1.75-2.25-1.81	1889 Belgium	5	(a) M.	*g* 60-72 —	.41- .89- —
1877 England	570	(a) M.	50-66 —	.56- .73- —	1889 England	5	(a) M.	66-72 —	.81-1.07- —
1880 England	571	(a) M.	50-50-50	.81- .91- —	1889 France	5	(a) M.	(a)	.95-1.20- —
1883 England	572	(a) M.	56-56-56	.65- .65- .65	1889 Germany	5	(a) M.	*h* 72-72-72	.46- .71- —
1883 Gr't Brit	273	(a) M.	(a)	2.07-2.28- —	1889 Italy	5	(a) M.	(a)	.50- .75- —
1884 England	178	(a) M.	66-72 —	.82-1.38- —	1889 Scotland	5	(a) M.	66-66-66	.77-1.15- —
1885 Ill	1	10 M.	60-60-60	1.40-1.40-1.40	1890 N. Y	190	9 M.	60-60-60	1.28-1.28-1.28
1885 N. Y	1	49 M.	60-72-71	2.00-2.07-2.07	1891 N. Y	190	7 M.	60-60-60	1.28-1.38-1.31
1885 Ohio	1	70 M.	60-60-60	1.32-1.73-1.46	1891 France	505	(a) M.	72-72-72	1.06-1.21- —
1885 Pa	1	18 M.	72-72-72	2.93-2.93-2.93	1892 N. Y	20	4 M.	60-60-60	1.63-1.63-1.63
1886 N. Y	190	11 M.	60-60-60	1.00-1.38-1.19	1892 France	505	(a) M.	70-77 —	.48-1.21- —
1887 N. Y	190	5 M.	60-60-60	1.28-1.38-1.30	1892 France	505	(a) M.	77-77-77	*i*.58- .58- .58
1887 Pa	390	12 M.	(a)	2.77-3.07-2.92	1893 N. Y	20	4 M.	60-60-60	1.63-1.63-1.63
1888 N. Y	190	4 M.	60-60-60	1.28-1.28-1.28	1894 N. Y	20	3 M.	(a)	1.63-1.63-1.63
1888 N. Y	331	21 M.	60-72-67	1.25-2.42-1.75	1895 N. Y	20	3 M.	(a)	1.63-1.63-1.63
1888 W. Va	5	2 M.	66-66-66	2.77-2.77-2.77	1895 Ohio	376	10 M.	60-60-60	2.00-2.00-2.00
1888 England	5	(a) M.	(a)	.55-1.12- —	1896 Ohio	377	1 M.	60-60-60	1.67-1.67-1.67
1889 Ill	5	9 M.	*b* 72-72-72	1.65-2.25-1.74	1897 Pa	395	3 M.	(a)	1.21-1.57-1.43
1889 N. Y	5	100 M.	*c* 60-72-69	1.25-2.82-1.83	1898 Ohio	18	17 M.	(a)	1.35-2.10-1.54
1889 N. Y	190	4 M.	60-60-60	1.28-1.28-1.28	1898 Pa	18	24 M.	(a)	1.35-3.50-1.97
1889 Ohio	5	68 M.	*d* 48-66-58	1.35-3.19-2.13	1899 Ohio	18	19 M.	(a)	1.78-2.50-1.92
1889 Pa	5	15 M.	*e* 55-66-61	1.58-2.87-2.22	1899 Pa	18	22 M.	(a)	1.50-4.00-2.08

a Not reported.
b Not including hours of 7 persons not reported.
c Not including hours of 11 persons not reported.
d Not including hours of 14 persons not reported.
e Not including hours of 4 persons not reported.
f Not including hours of 10 persons not reported.
g Applies to but 12 of the 36 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHARGERS, IRON MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	England ..	632	(a)	M.	72-72-72	1.05-1.24- —

CHARGERS, JEWELRY.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	R. I	3	4	F.	59-59-59	.50-1.00- .75
1887	Mass	3	2	F.	59-60-60	1.00-1.17-1.09

CHARWOMEN.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Canada ...	178	(a)	F.	(a)	.60-1.00- —
1884	Netherl'ds	178	(a)	F.	(a)	.47- .47- .47
1885	N. Y.....	7	2	F.	54-59-57	.83- .83- .83
1886	Iowa.....	7	1	F.	59-59-59	1.00-1.00-1.00
1886	N. Y.....	3	2	F.	60-63-62	.58- .75- .67
1887	Ohio	3	3	F.	b60-60-60	.36-1.17- .65
1887	Pa	3	2	F.	b56-56-56	.42-1.00- .71
1887	Belgium ..	598	(a)	F.	(a)	.09- .19- —
1888	Iowa.....	233	3	F.	60-60-60	1.54-1.54-1.54
1893	Md.....	10	1	F.	60-60-60	.67- .67- .67
1893	N. Y.....	10	19	F.	35-78-53	.50-2.17-1.03
1893	Pa	10	3	F.	48-84-72	.58- .58- .58
1895	Mass	8	2	F.	56-56-56	.50- .67- .59
1895	N. Y.....	7	2	F.	54-58-56	1.17-1.17-1.17
1896	Ohio	377	1	F.	60-60-60	.50- .50- .50

CHASERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1855	N. Y.....	8	1	M.	60-60-60	2.50-2.50-2.50
1857	England ..	8	(a)	M.	60-60-60	1.75-1.75-1.75
1872	England ..	185	(a)	(a)	(a)	1.31-1.31-1.31
1873	England ..	185	(a)	M.	c50-50-50	1.62-1.82- —
1878	England ..	43	(a)	(a)	(a)	1.62-1.62-1.62
1881	Mass	7	1	M.	60-60-60	2.75-2.75-2.75
1883	England ..	43	(a)	(a)	(a)	1.22-1.22-1.22
1884	Aust-Hun .	178	(a)	M.	60-60-60	.67-1.67- —
1884	Aust-Hun .	178	(a)	M.	66-66-66	d .48-1.33- —
1885	Mass	7	6	M.	58-58-58	1.50-3.00-2.06
1885	Mass	7	1	F.	58-58-58	1.20-1.20-1.20
1885	Germany .	547	(a)	M.	(a)	.71-1.19- —
1885	Gr't Brit ..	1	(a)	M.	60-60-60	1.75-1.75-1.75
1886	N. Y.....	3	2	F.	56-56-56	1.17-1.33-1.25
1886	R. I	3	1	F.	59-59-59	1.00-1.00-1.00
1886	Germany .	548	(a)	(a)	(a)	.48-1.43- —
1887	Conn.....	202	4	M.	(a)	.73-3.19-1.96
1887	Germany .	557	(a)	(a)	60-60-60	.71-1.63- —
1888	N. Y.....	331	26	M.	e53-59-58	1.17-3.50-2.56
1888	Germany .	558	(a)	(a)	60-60-60	.71-1.43- —
1889	Portugal ..	691	(a)	(a)	(a)	.97-1.40- —
1890	Conn.....	8	1	M.	60-60-60	(f)
1890	N. Y.....	333	49	M.	(a)	1.33-4.28-2.82
1890	N. Y.....	333	1	F.	(a)	2.25-2.25-2.25
1891	Conn.....	8	1	M.	60-60-60	(f)
1891	N. Y.....	333	65	M.	(a)	1.33-4.00-2.84
1891	N. Y.....	333	1	F.	(a)	2.25-2.25-2.25
1891	Belgium ..	457	(a)	M.	60-66 —	.09½-.97- —
1891	France....	505	(a)	M.	g59-77 —	.82-2.90- —
1891	France...	505	(a)	M.	60-60-60	h1.35-1.45- —
1891	Germany .	551	(a)	(a)	(a)	.71-1.19- —
1892	France....	505	(a)	M.	60-72 —	.29-1.54- —
1892	Russia	692	(a)	(a)	(a)	.32- .72- —
1894	France....	129	(a)	M.	60-60-60	.97-2.61- —
1895	Mass	7	2	M.	58-58-58	2.00-2.50-2.25
1895	Belgium ..	458	(a)	(a)	60-60-60	.97-1.35- —
1896	Conn.....	8	7	M.	60-60-60	3.50-4.00-3.86
1897	Conn.....	8	1	M.	60-60-60	3.00-3.00-3.00
1897	France....	511	(a)	M.	60-60-60	1.06-1.45- —
1898	France....	512	(a)	M.	60-60-60	1.52-1.54- —

CHECK BOYS, MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
(i)	England ..	567	(a)	M.	72-72-72	.20- .69- —
1873	England ..	185	(a)	M.	(a)	j .24- .72- —
1886	England ..	602	(a)	M.	(a)	.34- .34- .34

CHECKERS, RAILROAD.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	Pa	382	2	M.	60-60-60	1.50-1.50-1.50
1878	Pa	383	2	M.	60-60-60	1.40-1.40-1.40
1878	Canada ...	172	(a)	M.	(a)	1.25-1.50- —
1879	Canada ...	177	(a)	(a)	(a)	1.15-1.75- —
1884	Canada ...	178	(a)	M.	(a)	1.00-2.00- —
1884	Canada ...	466	(a)	M.	60-60-60	1.53-1.53-1.53

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 1 of the 2 wage quotations.
d And lodging.
e Not including hours of 8 persons not reported.
f $10.00-$10.00-$10.00.
g Applies to but 19 of the 21 wage quotations.
h And *gratifications*.
i Average for 1867–68.
j And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHECKERS, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Colombia	178	(a)	(a)	(a)	1.55-1.55-1.55	1887 Mich	4	46	M.	(a)	0.77-2.30-1.91
1884 England	178	(a)	M.	(a)	.85-1.01- —	1887 N. J	4	64	M.	(a)	.83-2.49-1.78
1884 Scotland	178	(a)	M.	60-60-60	.58- .58- .58	1887 N. Y	4	297	M.	(a)	.96-3.07-1.86
1885 Mich	279	8	M.	(a)	1.25-1.53-1.46	1887 Pa	4	46	M.	(a)	1.01-2.49-1.81
1885 Canada	467	(a)	M.	65-65-65	1.13-1.13-1.13	1887 R. I	4	7	M.	(a)	1.73-1.92-1.83
1886 Argentina	57	(a)	(a)	(a)	1.15-1.27- —	1887 Wis	4	1	M.	(a)	2.11-2.11-2.11
1886 Canada	468	(a)	M.	66-66-66	1.28-1.36- —	1890 England	576	(a)	M.	54-54-54	.85-1.05- —
1887 Conn	4	46	M.	(a)	1.50-2.88-1.91	1892 England	111	(a)	M.	53-53-53	1.33-1.33-1.33
1887 Fla	4	4	M.	(a)	1.15-1.34-1.20	1893 Mich	285	62	M.	60-72-62	.96-2.30-1.56
1887 Md	4	27	M.	(a)	1.30-1.97-1.60	1893 N. Y	10	1	M.	65-65-65	2.50-2.50-2.50
1887 Mass	4	71	M.	(a)	1.00-2.74-1.91						

CHECKMEN, MINING.

1873 England	185	(a)	M.	(a)	b .68-1.33- —	1878 Pa	383	2	M.	(a)	1.75-2.00-1.88
1876 Pa	381	5	M.	(a)	2.00-2.75-2.23	1887 Ohio	369	1	M.	60-60-60	1.25-1.25-1.25
1877 Pa	382	2	M.	c54-54-54	1.60-2.25-1.93	1889 Ill	5	1	M.	60-60-60	1.75-1.75-1.75

CHEESE MAKERS.

1840 N. Y	8	1	F.	70-70-70	1.00-1.00-1.00	1892 Australia	424	(a)	(a)	(a)	1.12-1.82- —
1866 N. Y	8	1	F.	(a)	1.00-1.00-1.00	1892 France	505	(a)	M.	77-77-77	.64- .64- .64
1884 Australia	178	(a)	(a)	(a)	d1.01-1.62- —	1892 France	505	(a)	F.	77-77-77	.64- .64- .64
1884 England	178	(a)	M.	(a)	e .31- .62- —	1893 Pa	10	1	M.	60-60-60	.83- .83- .83
1885 Australia	175	(a)	M.	(a)	f1.01-1.62- —	1894 Mich	286	1	M.	(a)	1.15-1.15-1.15
1886 Australia	184	(a)	M.	(a)	d1.01-1.62- —	1895 Australia	134	(a)	M.	(a)	g1.01-1.62- —
1887 Ohio	369	1	M.	60-60-60	1.75-1.75-1.75	1896 Mo	305	4	M.	48-60-54	.75-1.75-1.25
1887 Wis	409	1	M.	(a)	1.25-1.25-1.25	1896 N. Y	8	5	M.	63-63-63	1.15-2.68-1.80
1890 N. Y	333	38	M.	(a)	.52-2.31-1.17	1896 Australia	184	(a)	M.	(a)	d1.01-1.62- —
1890 Netherl'ds	666	(a)	M.	(a)	.67- .67- .67	1897 Nebr	314	1	M.	48-48-48	2.00-2.00-2.00
1891 N. Y	333	23	M.	(a)	.64-2.31-1.26	1897 Va	404	1	M.	72-72-72	1.00-1.00-1.00

CHEMICAL BURNERS.

1884 England	178	(a)	M.	56-56-56	.93-1.09- —	1891 N. Y	333	15	M.	(a)	1.67-2.00-1.76
1889 England	576	(a)	M.	(a)	.85-1.14- —	1892 England	632	(a)	(a)	56-84 —	1.14-1.47- —
1890 N. Y	333	15	M.	(a)	1.67-2.00-1.76	1892 Scotland	632	(a)	(a)	56-84 —	1.35-1.42- —
1890 England	576	(a)	M.	(a)	.97-1.14- —	1896 Ohio	377	8	M.	60-60-60	2.00-2.00-2.00

CHEMICAL MAKERS.

1873 Germany	177	(a)	M.	(a)	.58- .58- .58	1876 Germany	177	(a)	M.	(a)	.58- .58- .58
1874 Germany	177	(a)	M.	(a)	.58- .58- .58	1877 Germany	177	(a)	M.	(a)	.58- .58- .58
1875 Germany	177	(a)	M.	(a)	.58- .58- .58	1878 Germany	177	(a)	M.	(a)	.58- .58- .58

CHEMISTS.

1880 N. Y	7	3	M.	h56-56-56	2.08-3.33-2.81	1884 Aust-Hun	178	(a)	(a)	66-66-66	.80-1.33- —
1883 Ga	7	1	M.	(a)	6.67-6.67-6.67	1884 France	178	(a)	M.	64-64-64	1.48-1.48-1.48
1883 Russia	44	(a)	(a)	(a)	4.79-5.75- —	1885 Cal	1	1	M.	60-60-60	4.00-4.00-4.00
1884 Mich	278	4	M.	(a)	2.00-5.00-3.69	1885 Ga	7	2	M.	66-66-66	2.92-4.17-3.55

a Not reported.
b And house.
c Not including hours of 1 person not reported.
d And found.
e And board.
f And board and lodging.
g And rations.
h Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHEMISTS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	4 M.	a60-60-60	2.00-3.00-2.40	1894 N. Y.	8	2 M.	60-60-60	2.50-4.79-3.65
1885 Pa	7	2 M.	60-60-60	5.00-6.33-5.67	1894 Australia	425	(b) (b)	(b)	4.87-4.87-4.87
1885 Belgium	1	(b) M.	63-63-63	.65- .65- .65	1895 Me	7	1 M.	60-60-60	3.21-3.21-3.21
1885 Germany	1	(b) M.	72-72-72	.67- .67- .67	1895 N. J	7	1 M.	53-53-53	2.33-2.33-2.33
1886 Mich	7	1 M.	60-60-60	2.00-2.00-2.00	1895 N. Y.	7	11 M.	51-60-56	1.50-3.33-2.24
1886 N. Y.	7	2 M.	54-54-54	2.50-3.67-3.09	1895 R. I	7	1 M.	60-60-60	2.17-2.17-2.17
1887 Ohio	369	9 M.	60-72-61	2.00-4.20-3.24	1895 Australia	426	(b) (b)	(b)	4.87-4.87-4.87
1888 Mich	280	1 M.	60-60-60	3.83-3.83-3.83	1896 Ga	7	3 M.	60-63-62	2.00-7.00-4.17
1888 N. Y.	331	21 M.	c47-60-56	2.67-6.39-3.99	1896 Mich	7	1 M.	54-54-54	3.33-3.33-3.33
1888 Va	5	1 M.	(b)	2.88-2.88-2.88	1896 Mo	305	18 M.	42-60-56	1.50-3.00-2.15
1889 Minn	5	1 M.	60-60-60	3.45-3.45-3.45	1896 N. Y.	7	3 M.	54-60-56	3.13-4.17-3.82
1889 N. Y.	5	8 M.	d72-72-72	1.29-9.58-3.94	1896 Ohio	377	1 M.	60-60-60	5.50-5.50-5.50
1889 Pa	5	3 M.	60-84-68	2.00-4.00-2.96	1896 Pa	7	3 M.	60-60-60	1.67-5.83-4.17
1890 N. Y.	333	21 M.	(b)	1.67-10.00-3.94	1896 Pa	394	2 M.	60-60-60	1 20-1.30-1.25
1891 Kans	246	1 M.	60-60-60	4.75-4.75-4.75	1896 Australia	427	(b) (b)	(b)	4.87-4.87-4.87
1891 N. Y.	333	26 M.	(b)	1.50-10.00-4.01	1897 Ohio	377	1 (b)	(b)	2.25-2.25-2.25
1892 Kans	246	1 M.	60-60-60	3.32-3.32-3.32	1897 Australia	428	(b) (b)	(b)	.81-2.03- —
1892 Australia	424	(b) M.	(b)	3.54-4.87- —	1898 Pa	18	4 M.	(b)	1.93-2.73-2.49
1892 France	505	(b) M.	66-66-66	.97- .97- .97	1898 Australia	429	(b) (b)	(b)	.81-2.03- —
1892 Russia	692	(b) (b)	(b)	.12-1.21- —	1899 Pa	18	4 M.	(b)	2.16-3.33-2.86

CHEMISTS, ASSISTANT.

1880 N. Y.	7	1 M.	56-56-56	1.67-1.67-1.67	1889 Belgium	5	(b) M.	(b)	.47- .47- .47
1883 Ga	7	1 M.	(b)	1.67-1.67-1.67	1889 England	5	(b) M.	(b)	.37- .43- —
1884 Aust-Hun	178	(b) (b)	66-66-66	.47- .53- —	1890 N. Y.	333	7 M.	(b)	1.00-2.50-2.04
1884 England	178	(b) M.	(b)	1.01-1.87- —	1891 N. Y.	333	8 M.	(b)	.83-2.50-1.77
1885 N. Y.	7	1 M.	(b)	.83- .83- .83	1891 Belgium	457	(b) M.	66-66-66	.48- .48- .48
1885 N. Y.	7	1 F.	(b)	1.50-1.50-1.50	1895 Me	7	2 M.	60-60-60	1.25-1.75-1.50
1885 Pa	7	5 M.	60-60-60	1.33-1.42-1.35	1895 N. Y.	7	1 M.	52-52-52	1.67-1.67-1.67
1885 Belgium	1	(b) M.	63-63-63	.40- .40- .40	1896 Mich	7	1 M.	54-54-54	2.50-2.50-2.50
1886 N. Y.	7	1 M.	54-54-54	1.00-1.00-1.00	1896 N. Y.	7	1 M.	54-54-54	.83- .83- .83
1888 Ill	5	1 M.	84-84-84	1.40-1.40-1.40	1896 Pa	7	5 M.	60-60-60	1.25-1.33-1.31
1889 Minn	5	1 M.	60-60-60	2.00-2.00-2.00	1897 Ohio	377	1 (b)	(b)	.60- .60- .60

CHENILLE MAKERS.

1880 N. Y.	7	9 M.	59-59-59	2.67-2.81-2.75	1891 N. Y.	333	3 M.	(b)	2.00-2.50-2.33
1888 N. Y.	331	1 M.	59-59-59	3.00-3.00-3.00	1895 N. Y.	7	4 M.	54-59-58	2.48-2.54-2.51
1890 N. Y.	333	3 M.	(b)	2.00-2.50-2.33	1896 Pa	7	1 F.	60-60-60	.92- .92- .92

CHEWING GUM MAKERS.

1887 Ohio	369	68 M.	60-60-60	.40-1.60- .70	1895 Ohio	376	75 F.	c48-60-54	.42-2.00- .68
1893 N. Y.	10	1 M.	60-60-60	1.67-1.67-1.67	1896 Ohio	377	3 M.	48-54-52	1.62-4.17-2.47
1894 Ohio	375	15 F.	54-54-54	.58- .58- .58	1896 Ohio	377	48 F.	48-55-52	.50-1.00- .61
1895 Ohio	376	5 M.	54-60-58	1.25-2.62-1.96					

CHICORY ROASTERS.

1882 Germany	554	(b) (b)	66-66-66	.83-1.03- —	1884 Germany	556	(b) (b)	60-60-60	.60- .95- —
1883 Germany	47	(b) M.	72-72-72	.95- .95- .95	1896 Nebr	314	2 M.	60-60-60	1.50-2.00-1.75
1883 Germany	555	(b) (b)	60-60-60	.83- .95- —					

a Not including hours of 1 person not reported.
b Not reported.
c Not including hours of 5 persons not reported.
d Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHIMNEY SWEEPS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1853 France	712	(a) M.	(a)	0.44-0.77- —
1860 Germany	185	(a) M.	(a)	.32- .32- .32
1864 Germany	185	(a) M.	(a)	.32- .32- .32
1865 Germany	185	(a) M.	(a)	.12- .12- .12
1866 Germany	185	(a) M.	(a)	.12- .12- .12
1867 Germany	185	(a) M.	(a)	.12- .12- .12
1868 Germany	185	(a) M.	(a)	.12- .12- .12
1870 Germany	610	(a) M.	72-72-72	.36- .73- —
1870 Germany	610	(a) M.	(a)	b .14- .14- .14
1871 France	712	(a) M.	(a)	.58-1.06- —
1871 Germany	185	(a) M.	(a)	.36- .42- —
1871 Germany	185	(a) M.	(a)	b .24- .24- .24
1873 Germany	177	(a) M.	(a)	.36- .36- .36
1873 Sweden	185	(a) M.	(a)	b .17- .17- .17
1874 Germany	177	(a) M.	(a)	.36- .36- .36
1875 Germany	177	(a) M.	(a)	.40- .40- .40
1876 Germany	177	(a) M.	(a)	.48- .48- .48
1877 Germany	177	(a) M.	(a)	.40- .40- .40
1878 Germany	177	(a) M.	(a)	.40- .59- —
1883 Germany	47	(a) M.	60-60-60	.83- .83- .83
1883 Germany	555	(a) (a)	(a)	.63-1.19- —
1883 Germany	555	(a) (a)	(a)	b 0.36-0.95- —
1884 Aust-Hun	178	(a) M.	60-60-60	.40- .80- —
1884 Germany	178	(a) M.	c 60-66 —	.63-1.19- —
1884 Germany	556	(a) (a)	(a)	.36-1.19- —
1884 Germany	556	(a) (a)	(a)	b .24- .24- .24
1884 Germany	556	(a) (a)	(a)	d .48- .71- —
1885 Germany	547	(a) M.	(a)	.54-1.19- —
1886 Germany	548	(a) (a)	(a)	b .28- .28- .28
1886 Germany	548	(a) (a)	(a)	d .48- .48- .48
1887 Germany	557	(a) (a)	(a)	.71- .71- .71
1887 Germany	557	(a) (a)	(a)	b .78-1.56- —
1888 Aust-Hun	447	(a) M.	(a)	.26- .52- —
1888 Germany	558	(a) (a)	(a)	e .60-1.19- —
1889 Germany	550	(a) M.	(a)	.60-1.19- —
1889 Germany	550	(a) M.	(a)	b .30- .30- .30
1891 Germany	551	(a) (a)	(a)	.60-1.19- —
1892 Denmark	595	(a) M.	(a)	.81- .81- .81
1893 N. Y	10	2 M.	60-60-60	1.17-3.33-2.25
1893 Aust-Hun	448	(a) M.	66-72 —	.40- .40- .40
1896 Germany	560	(a) M.	48-48-48	1.19-1.19-1.19
1898 Denmark	493	(a) M.	(a)	1.07-1.07-1.07

CHINESE LANTERN MAKERS.

1870	Germany	185	(a)	M.	72-72-72	.36- .48- —	1893	N. Y	10	1	F.	55-55-55	.33- .33- .33

CHIPPERS, BRASS AND COPPER.

1892	France	505	(a)	M.	60-60-60	.53- .97- —	1892	France	505	(a)	F.	63-63-63	.14- .34- —

CHIPPERS, GLASS.

1885	Ohio	1	3	M.	54-54-54	1.80-1.80-1.80	1890	Pa	6	2	F.	(a)	.84- .84- .84
1888	N. Y	331	8	M.	48-48-48	.67- .67- .67	1892	Ohio	373	11	M.	44-54-49	1.00-1.25-1.20
1890	N. Y	6	4	M.	(a)	.50- .62- .59	1892	Ohio	373	4	F.	58-58-58	.60- .60- .60
1890	Ohio	6	33	M.	f 60-60-60	.67-1.25- .86	1897	Ohio	377	3	M.	48-48-48	1.35-1.35-1.35
1890	Ohio	6	4	F.	58-58-58	.59- .59- .59							

CHIPPERS, IRON AND STEEL.

1860	Ireland	563	(a)	(a)	60-60-60	.77- .77- .77	1884	Hawai. Is	178	(a)	(a)	53-53-53	3.00-3.00-3.00
1866	England	566	(a)	M.	59-59-59	.97- .97- .97	1884	Wales	178	(a)	M.	54-54-54	.73- .73- .73
1866	Ireland	566	(a)	M.	59-59-59	.61- .93- —	1885	Cal	1	7	M.	60-60-60	1.75-2.50-2.04
1871	England	568	(a)	M.	60-60-60	.73- .81- —	1885	N. J	324	3	M.	60-60-60	2.33-2.33-2.33
1871	Scotland	568	(a)	M.	59-59-59	.85- .85- .85	1885	N. Y	1	9	M.	60-60-60	1.12-1.67-1.40
1872	England	185	(a)	M.	60-60-60	.73- .81- —	1885	Ohio	1	6	M.	60-60-60	1.25-1.25-1.25
1872	Scotland	185	(a)	M.	59-59-59	.95- .95- .95	1885	Pa	1	24	M.	72-72-72	1.80-1.80-1.80
1876	Pa	381	21	M.	(a)	2.00-2.00-2.00	1887	Kans	241	1	M.	60-60-60	1.60-1.60-1.60
1879	Mo	293	1	M.	(a)	1.83-1.83-1.83	1887	Md	4	2	M.	(a)	1.10-1.10-1.10
1881	Ohio	363	16	M.	(a)	2.00-2.00-2.00	1887	Ohio	369	20	M.	60-60-60	1.25-2.00-1.49
1882	Mo	294	2	M.	60-60-60	1.75-1.90-1.83	1887	Pa	390	10	M.	(a)	2.25-3.87-2.90
1882	Ohio	364	62	(a)	(a)	1.83-1.83-1.83	1888	Kans	242	2	M.	(a)	1.75-2.00-1.88
1884	Mo	295	1	M.	60-60-60	1.67-1.67-1.67	1888	N. Y	331	82	M.	53-70-59	1.65-2.75-2.03
1884	N. J	323	3	M.	60-60-60	1.60-1.60-1.60	1888	W. Va	5	10	M.	66-66-66	2.25-2.25-2.25
1884	Germany	178	(a)	M.	60-60-60	.71-1.31- —	1888	Canada	470	(a)	M.	60-60-60	1.43-1.43-1.43

a Not reported.
b And board and lodging.
c Applies to but 6 of the 7 wage quotations.
d And lodging and partial board.
e And board.
f Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHIPPERS, IRON AND STEEL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 England ..	5	(a) M.	(a)	0.24-0.81- —	1892 Scotland ..	632	(a) M.	(a)	1.22-1.42- —
1889 Ill.....	5	14 M.	(a)	1.58-1.95-1.68	1893 Ohio	374	19 M.	60-60-60	1.35-2.00-1.73
1889 N. Y.....	5	16 M.	b72-72-72	1.25-2.60-1.76	1893 Pa	20	70 M.	60-60-60	1.30-1.50-1.40
1889 Ohio	5	8 M.	66-66-66	1.40-1.40-1.40	1893 England ..	578	(a) (a)	(a)	1.34-1.34-1.34
1889 Pa	5	6 M.	66-66-66	1.65-1.65-1.65	1894 Ohio	375	33 M.	60-60-60	1.46-2.00-1.60
1889 W. Va	5	20 M.	66-66-66	1.90-2.69-2.30	1894 Pa	20	27 M.	60-60-60	1.30-1.50-1.34
1889 Belgium ..	5	(a) M.	c60-72 —	.60- .81- —	1895 Ohio	376	13 M.	f60-60-60	1.50-2.25-1.66
1889 England ..	5	(a) M.	d66-66-66	.32- .81- —	1895 Pa	20	17 M.	60-60-60	1.30-1.64-1.34
1889 France....	5	(a) M.	60-60-60	1.00-1.00-1.00	1896 Ohio	377	25 M.	60-60-60	1.65-1.70-1.66
1889 Italy	5	(a) M.	(a)	.44- .44- .44	1896 Pa	394	6 M.	60-60-60	1.10-1.10-1.10
1890 Mich	282	2 M.	60-60-60	1.50-2.00-1.75	1896 France....	510	(a) (a)	60-60-60	.77- .97- —
1890 N. Y.....	333	23 M.	(a)	2.15-3.17-2.64	1897 Nebr	314	2 M.	48-48-48	1.25-1.25-1.25
1891 Mo	300	7 M.	(a)	1.35-2.25-1.60	1898 Nebr	314	4 M.	48-48-48	1.75-1.75-1.75
1891 N. Y.....	333	52 M.	(a)	1.50-2.93-1.98	1899 Mass	18	9 M.	59-59-59	1.50-1.50-1.50
1891 Belgium ..	457	(a) M.	e65-65-65	.58- .58- .58	1899 Ohio	18	3 M.	60-60-60	1.75-1.85-1.82
1892 Mo	301	3 M.	(a)	1.50-1.80-1.66	1900 Mass	18	9 M.	59-59-59	2.00-2.00-2.00
1892 Pa	20	37 M.	60-60-60	1.30-1.50-1.40	1900 Ohio	18	11 M.	60-60-60	1.75-2.25-1.87
1892 France....	505	(a) M.	60-77 —	.39-1.35- —					

CHOCOLATE MAKERS.

1868 Italy	610	(a)	M.	(a)	.23- .64- —	1891 Mich.....	283	6	F.	(a)	.50- .83- .69
1869 Spain	609	(a)	M.	(a)	.61- .61- .61	1891 N. Y.....	333	5	M.	(a)	1.00-3.33-1.47
1870 Spain	610	(a)	M.	(a)	.61- .61- .61	1891 N. Y.....	333	21	F.	(a)	.58- .83- .77
1871 Cuba.....	611	(a)	M.	66-66-66	.97-2.43- —	1891 France....	505	(a)	M.	66-66-66	1.06-1.35- —
1884 Mich.....	278	6	M	(a)	.70- .75- .72	1892 France....	505	(a)	M.	57-63 —	.48- .87- —
1884 Italy	178	(a)	M.	(a)	.48- .58- —	1892 France....	505	(a)	F.	63-63-63	.34- .48- —
1886 Ill.....	7	3	M.	60-60-60	1.00-1.67-1.31	1892 Russia	692	(a)	(a)	(a)	.18- .50- —
1886 Mich.....	7	6	F.	60-60-60	.66- .77- .70	1893 Aust-Hun.	448	(a)	M.	72-72-72	.48- .80- —
1887 Ill	3	2	F.	57-60-59	.71-1.33-1.02	1893 N. Zealand	668	(a)	M.	50-50-50	2.43-2.43-2.43
1887 Mass	3	4	F.	54-56-54	.58-1.17- .75	1894 France....	129	(a)	F.	(a)	.53-1.16- —
1887 Minn	3	1	F.	60-60-60	.67- .67- .67	1894 Spain	632	(a)	(a)	(a)	.68- .77- —
1887 N. Y.....	3	11	F.	54-59-57	.50-1.50- .74	1896 Ill	7	5	M.	60-60-60	1.08-1.67-1.35
1888 Ind	3	1	F.	60-60-60	.33- .33- .33	1896 Iowa.....	7	1	M.	60-60-60	2.00-2.00-2.00
1888 N. Y.....	331	20	F.	60-60-60	.50- .50- .50	1896 Mich.....	7	5	F.	60-60-60	.58- .69- .64
1889 Portugal ..	691	(a)	(a)	(a)	.11- .65- —	1896 N. Y.....	10	1	M.	60-60-60	.50- .50- .50
1890 N. Y.....	333	23	M.	(a)	1.00-1.00-1.00	1896 France....	505	(a)	M.	72-78 —	.58- .65- —
1890 Spain	632	(a)	(a)	(a)	.72- .72- .72						

CHOPPERS AND SAWYERS, LOGGING.

1891 Minn	191	56	M.	(a)	g .84-1.15- .96	1894 Minn	191	66	M.	(a)	g .61- .77- .74
1891 Canada ...	191	(a)	M.	(a)	g .69- .92- —	1894 Canada ...	191	(a)	M.	(a)	g .77- .92- —
1892 Minn	191	56	M.	(a)	g .84-1.15- .96	1895 Minn	191	66	M.	(a)	g .61- .69- .63
1892 Canada ...	191	(a)	M.	(a)	g .69-1.00- —	1895 Canada ...	191	(a)	M.	(a)	g .69- .92- —
1893 Minn	191	66	M.	(a)	g .61- .77- .74	1896 Minn	191	76	M.	(a)	g .54- .69- .56
1893 Canada ...	191	(a)	M.	(a)	g .77-1.04- —	1896 Canada ...	191	(a)	M.	(a)	g .61- .77- —

CHOPPERS, PRESERVES AND PICKLES.

1887 N. Y.....	3	3	F.	60-60-60	.75- .75- .75	....	.....	....	....	...	.....	....

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 9 of the 10 wage quotations.
d Applies to but 2 of the 7 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 2 persons not reported.
g And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CHORE HANDS, COTTON GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1851 Mass	190	4 M.	66-72-71	0.40-0.58-0.45	1865 Mass	190	3 M.	66-66-66	0.60-0.60-0.60
1852 Mass	190	2 M.	72-72-72	.50- .50- .50	1866 Mass	190	4 M.	66-66-66	1.08-1.25-1.21
1853 Mass	190	1 M.	72-72-72	.75- .75- .75	1867 Mass	190	4 M.	66-66-66	1.08-1.25-1.21
1854 Mass	190	1 M.	72-72-72	.75- .75- .75	1868 Mass	190	4 M.	66-66-66	1.17-1.17-1.17
1855 Mass	190	2 M.	72-72-72	.67- .67- .67	1869 Mass	190	4 M.	66-66-66	1.04-1.17-1.11
1856 Mass	190	3 M.	72-72-72	.67- .67- .67	1870 Mass	190	4 M.	66-66-66	.96-1.33-1.16
1857 Mass	190	4 M.	72-72-72	.67- .67- .67	1871 Mass	190	4 M.	66-66-66	1.04-1.50-1.22
1858 Mass	190	3 M.	72-72-72	.67- .67- .67	1872 Mass	190	4 M.	66-66-66	1.04-1.50-1.19
1859 Mass	190	4 M.	72-72-72	.67- .67- .67	1873 Mass	190	4 M.	66-66-66	1.04-1.50-1.19
1860 Mass	190	4 M.	72-72-72	.60- .60- .60	1874 Mass	190	4 M.	66-66-66	.92-1.33-1.04
1861 Mass	190	4 M.	66-66-66	.50- .50- .50	1875 Mass	190	4 M.	60-60-60	.81-1.00- .91
1862 Mass	190	3 M.	66-66-66	.50- .50- .50	1876 Mass	190	4 M.	60-60-60	.81- .87- .84
1863 Mass	190	4 M.	66-66-66	.50- .50- .50	1877 Mass	190	4 M.	60-60-60	1.00-1.00-1.00
1864 Mass	190	3 M.	66-66-66	.60- .60- .60					

CHUCKERS, WOOD WORKING.

1887 Wis	409	2 M.	(a)	1.13-1.13-1.13	1895 N. C	8	1 M.	60-60-60	.75- .75- .75
1893 Ohio	374	1 M.	54-54-54	.75- .75- .75	1896 Ga	8	1 M.	60-60-60	.40- .40- .40
1894 N. Y.	8	2 M.	60-60-60	1.00-1.00-1.00	1896 Ohio	377	4 M.	60-60-60	.75- .75- .75
1895 Mass	8	1 M.	60-60-60	1.50-1.50-1.50	1897 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1895 N. Y.	8	1 M.	60-60-60	1.00-1.00-1.00					

CHURN MAKERS.

1881 Ohio	363	1 M.	72-72-72	2.00-2.00-2.00	1895 Ohio	376	6 M.	60-60-60	1.25-1.25-1.25
1887 Ohio	369	9 M.	60-60-60	1.50-1.50-1.50	1896 Ohio	377	4 M.	60-60-60	1.65-1.65-1.65
1894 Ohio	375	32 M.	54-60-58	1.25-1.50-1.34					

CIGAR CASE MAKERS.

1884 Germany	178	(a) M.	60-60-60	.52- .71- —					

CIGARETTE MAKERS.

1880 Md	7	12 M.	55-55-55	1.00-1.88-1.41	1888 Canada	470	(a) M.	55-55-55	1.30-1.30-1.30
1880 Md	7	13 F.	55-55-55	.75-1.63-1.24	1888 Canada	470	(a) F.	55-55-55	.87- .87- .87
1882 N. C	7	36 M.	60-60-60	1.00-1.00-1.00	1890 N. Y.	333	46 M.	(a)	.71-1.67- .91
1883 N. Y.	2	1120 (a)	60-60-60	1.18-1.18-1.18	1891 N. Y.	333	49 M.	(a)	.71-1.67- .95
1884 N. Y.	3	1 F.	(a)	.67- .67- .67	1891 Belgium	457	(a) F.	60-60-60	.29- .48- —
1884 England	178	(a) F.	59-59-59	.24- .97- —	1891 China	105	(a) (a)	(a)	.23- .23- .23
1884 Russia	178	(a) F.	72-72-72	b .21½-.32- —	1892 Australia	424	(a) (a)	(a)	1.12-1.12-1.12
1884 Spain	178	(a) F.	72-72-72	.15- .58- —	1892 England	632	(a) (a)	(a)	b .61-1.46- —
1884 Turk. in A.	178	(a) F.	60-66 —	.20- .33- —	1892 Russia	692	(a) (a)	(a)	.14- .60- —
1885 Va	1	1 M.	60-60-60	2.00-2.00-2.00	1893 Ill	10	2 M.	48-60-54	.42-1.00- .71
1885 Va	1	590 F.	60-60-60	.67- .67- .67	1893 Ill	10	1 F.	60-60-60	1.00-1.00-1.00
1886 Md	3	13 F.	46-60-51	.50-1.17- .86	1893 Md	10	3 M.	60-60-60	.67-1.33-1.00
1886 N. Y.	3	6 F.	42-54-50	1.17-1.75-1.44	1893 Md	10	6 F.	60-60-60	.50-1.17- .81
1886 N. Y.	331	30 M.	52-52-52	1.25-1.25-1.25	1893 N. Y.	10	2 M.	54-61-58	.33- .50- .42
1886 Canada	468	(a) M.	52-52-52	1.13-1.13-1.13	1893 N. Y.	10	5 F.	45-60-55	.67-2.00-1.10
1886 Canada	468	(a) F.	36-36-36	.47- .47- .47	1893 Pa	10	1 M.	60-60-60	.83- .83- .83
1887 La	3	5 F.	57-57-57	.71-1.17- .83	1894 Spain	632	(a) F.	(a)	.14- .34- —
1887 N. Y.	3	19 F.	c 40-61-44	.75-1.46-1.17	1895 La	7	9 F.	55-55-55	.58-1.50- .95
1888 N. Y.	331	11 M.	51-51-51	1.20-1.20-1.20	1895 Md	7	40 M.	55-55-55	.92-1.67-1.21
1888 N. Y.	331	30 F.	(a)	b .70- .70- .70	1895 Md	7	50 F.	55-55-55	.67-1.67-1.00
1888 Va	3	18 F.	49-49-49	.58-1.58- .98	1895 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Per 1,000 cigarettes.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CIGARETTE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars)
1895 N. Y	8	4 F.	60-60-60	0.67-2.00-1.38
1895 N. Y	341	2 M.	57-57-57	1.63-1.63-1.63
1895 N. Y	341	2 F.	57-57-57	1.17-1.30-1.24
1895 N. C	7	27 M.	60-60-60	.75- .75- .75
1895 N. C	8	3 M.	60-60-60	.67- .67- .67
1897 N. Y	337	30 M.	60-60-60	1.00-1.00-1.00
1897 N. Y	337	60 F.	60-60-60	.90- .90- .90
1897 Va	404	6 M.	60-60-60	1 00-1 00-1.00
1897 Va	404	616 F	48-51-49	79-1.10- 87
1897 Australia	428	(a) M.	(a)	1 42-2 84- —
1897 Australia	428	(a) F.	(a)	57-1.91- —
1898 N. Y	338	20 M	60-60-60	1 00-1.66-1.52
1898 Australia	429	(a) M.	(a)	1.42-2 84- —
1898 Australia	429	(a) F	(a)	28-1.38- —

CIGAR MAKERS.

1860	Ohio	361	7	M.	(a)	1.17-2.67-1.65	1878	Ohio	7	55	M.	(a)	1.08-2.03-1 47
1860	Germany	185	(a)	M.	(a)	.46- .46- .46	1878	Ohio	7	45	F.	(a)	92-1.78-1.21
1860	Germany	185	(a)	F.	(a)	.15- .15- .15	1878	Germany	177	(a)	M.	(a)	44-1.07- —
1864	Germany	185	(a)	M.	(a)	.46- .46- .46	1878	Germany	177	(a)	F.	(a)	.30- 46- —
1864	Germany	185	(a)	F.	(a)	.18- .18- .18	1878	Netherl'ds	177	(a)	M.	(a)	.87-1 13- —
1865	Germany	185	(a)	M.	(a)	.36- .36- .36	1879	N. J	318	7	(a)	50-60-56	.85-2 00-1 47
1865	Germany	185	(a)	F.	(a)	.12- .12- .12	1879	Ohio	361	18	M.	(a)	1.00-2.50-1.41
1866	Germany	185	(a)	M.	(a)	.36- .36- .36	1880	Md	7	7	M.	55-55-55	1 67 2.25-1.98
1866	Germany	185	(a)	F.	(a)	.12- .12- .12	1880	Md	7	9	F.	55-55-55	1.04-1 67-1.37
1867	Germany	185	(a)	M.	(a)	.36- .36- 36	1880	N. J	319	13	(a)	54-60-59	1.00-2.50-1 47
1867	Germany	185	(a)	F.	(a)	.08- .08- .08	1880	Ohio	3	1	F.	(a)	50- 50- 50
1868	Germany	185	(a)	M.	(a)	.24- .72- —	1880	Pa	385	3	M.	60-72-64	1 20-2.45-1 63
1868	Germany	185	(a)	F.	(a)	.18- .36- —	1880	Norway	686	(a)	M.	(a)	.73- .73- 73
1868	Germany	610	(a)	M.	66-66-66	.22- .73- —	1881	Conn	2	69	M.	60-60-60	1.33-2.00-1.63
1868	Germany	610	(a)	F.	66-66-66	.15- .30- —	1881	Ill	2	70	M.	48-48-48	1.60-1 65-1 63
1868	Switzerl'd	709	(a)	(a)	(a)	.29- .29- .29	1881	Ind	2	42	M.	60-60-60	1.50-1.50-1 50
1869	Germany	609	(a)	M.	b 65-65-65	.24- .97- —	1881	Iowa	2	249	M.	58-66-58	1.75-2.00-1 85
1869	Germany	609	(a)	F.	(a)	.15- .36- —	1881	Ky	2	306	M.	56-60-58	1 00-1 90-1.43
1869	Spain	609	(a)	M.	(a)	.51- .51- .51	1881	Mass	2	224	(a)	58-58-58	1.36-1.39-1.38
1869	Spain	609	(a)	F.	(a)	.20- .20- .20	1881	Mich	2	1113	(a)	48-60-55	1.45-2.25-1.79
1870	W. Va	7	12	M.	72-72-72	1.67-2.67-2.17	1881	Mo	2	30	M.	59-59-59	2.00-2.00-2.00
1870	Spain	610	(a)	M.	(a)	.51- .51- .51	1881	Mo	294	4	(a)	60-60-60	.67-1.42-1 23
1870	Spain	610	(a)	F.	(a)	.20- .20- .20	1881	N. J	2	230	M.	59-59-59	1.25-1.75-1 50
1871	Mass	267	11	M.	(a)	(c)	1881	N. Y	2	4393	(a)	57-60-60	1.45-2.13-1.65
1871	Mass	267	15	F.	(a)	d 9.00-9.00-9.00	1881	Ohio	2	294	M.	56-60-59	1.27-1.92-1.60
1871	Mass	267	30	(a)	(a)	3.00-3.00-3.00	1881	Ohio	363	218	M.	f 36-66-58	1 00-2.25-1.95
1871	Belgium	611	(a)	M.	(a)	.80-1.13- —	1881	Pa	2	1445	(a)	48-60-52	.92-2.00-1.75
1871	Cuba	611	(a)	M.	54-54-54	1.46-2 43- —	1881	Pa	386	1	M.	60-60-60	1.00-1.00-1.00
1871	England	629	(a)	(a)	56-56-56	.41-1.62- —	1881	W. Va	2	220	M.	(a)	1 50-1.65-1 58
1871	Germany	185	(a)	M.	(a)	.16- .84- —	1881	Wis	2	838	(a)	56-60-59	1.25-1 65-1.47
1871	Germany	611	(a)	M.	(a)	.67-1.06- —	1881	England	575	(a)	M.	50-50-50	.81-1.62- —
1871	Germany	611	(a)	F.	(a)	.26- .33- —	1882	Conn	2	56	M.	60-60-60	1.98-2 17-2.07
1871	Italy	610	(a)	F.	(a)	.23- .23- .23	1882	Ga	7	6	M.	48-48-48	1.67-2.08-1.86
1871	Netherl'ds	611	(a)	(a)	60-60-60	d 1.42-4.86- —	1882	Ill	206	27	(a)	51-51-51	2.00-2 00-2.00
1872	Ohio	359	8	M.	(a)	2.00-4.17-2.55	1882	Ind	2	75	M.	60-60-60	2.00-2 10-2.03
1872	Ohio	361	16	M.	(a)	2.00-4.67-2.40	1882	Iowa	2	113	M.	53-60-58	1.52-2.25-1.71
1872	Belgium	185	(a)	(a)	(a)	.65-1.00- —	1882	Iowa	2	40	F.	60-60-60	1.52-1.52-1.52
1872	Germany	185	(a)	M.	72-72-72	.72- .72- .72	1882	Mass	2	120	(a)	58-58-58	1.48-1.48-1.48
1872	Germany	185	(a)	F.	72-72-72	.42- .42- .42	1882	Mich	2	23	M.	56-56-56	1.58-1.85-1.74
1873	Germany	177	(a)	M.	(a)	.54- .54- .54	1882	Minn	2	18	M.	66-66-66	2 00-2 00-2 00
1873	Germany	177	(a)	F.	(a)	.44- .44- .44	1882	Mo	2	43	M.	60-60-60	2 10-2.80-2 22
1873	Sweden	167	(a)	M.	66-66-66	.88-1.07- —	1882	Mo	294	40	(a)	60-60-60	1 00-2 00-1.44
1873	Sweden	167	(a)	F.	66-66-66	.34- .80- —	1882	N. J	2	4	M.	60-60-60	1 25-1.25-1.25
1874	Germany	177	(a)	M.	(a)	.54- .54- .54	1882	N. J	321	3	M.	60-60-60	2 00-2.00-2.00
1874	Germany	177	(a)	F.	(a)	.44- .44- .44	1882	N. Y	2	2235	(a)	57-60-60	1.52-2 35-1.73
1874	Germany	185	(a)	M.	(a)	.67- .80- —	1882	Ohio	2	241	M.	54-60-56	1 09-2 25-1 77
1875	Germany	177	(a)	M.	(a)	.44- .83- —	1882	Ohio	2	335	(a)	56-56-56	1 41 2.25-2.05
1875	Germany	177	(a)	F.	(a)	.30- .46- —	1882	Pa	2	60	(a)	56-60-59	1 40-1 76-1 69
1875	Norway	686	(a)	M.	(a)	.81- .81- .81	1882	Pa	387	3	M.	54-60-58	1.00-2.00-1 47
1876	Germany	177	(a)	M.	(a)	.44- .83- —	1882	Va	2	22	M.	54-60-58	1.75-2 00-1.92
1876	Germany	177	(a)	F.	(a)	.30- .46- —	1882	Wis	2	555	(a)	59-59-59	1.43-1.43-1.43
1877	N J	317	1	(a)	60-60-60	1.25-1.25-1.25	1882	Wis	7	16	M.	48-48-48	1.82-3.39-2.69
1877	Ohio	359	116	M.	e 54-60-58	1.17-3.33-1.35	1882	Wis	7	8	F.	48-48-48	1.03-1.64-1.26
1877	Ohio	359	4	(a)	55-60-58	.83-1.00- .96	1882	England	575	(a)	M.	50-50-50	81-1.62- —
1877	Germany	177	(a)	M.	(a)	.44- .83- —	1882	Germany	71	(a)	M.	72-72-72	.60- .60- 60
1877	Germany	177	(a)	F.	(a)	.30- .46- —	1882	Germany	71	(a)	F.	72-72-72	.30- .30- 30

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c $12.00-$12.00-$12.00 per 1,000 cigars.
d Per 1,000 cigars
e Not including hours of 110 persons not reported.
f Not including hours of 159 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CIGAR MAKERS—Continued.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Venezuela	34	(a)	(a)	48-48-48	1.50-2.00- —
1883 Conn	2	16	M.	60-60-60	2.00-2.38-2.12
1883 D. C	2	16	M.	58-58-58	1.50-2.00-1.75
1883 Ill	2	3233	M.	48-60-59	1.50-2.25-1.56
1883 Ind	2	76	M.	b54-60-59	1.33-2.00-1.76
1883 Iowa	2	146	M.	58-60-59	1.18-2.25-1.65
1883 Iowa	2	64	F.	60-60-60	.75-1.18-1.04
1883 Kans	2	5	M.	60-60-60	3.00-3.00-3.00
1883 Ky	2	64	M.	60-60-60	1.00-1.25-1.13
1883 La	7	60	M.	63-63-63	.64-1.67- .99
1883 La	7	109	F.	63-63-63	.30-1.68- .81
1883 Md	2	135	M.	56-60-58	1.45-1.83-1.59
1883 Mass	2	680	M.	48-60-58	1.75 2.20-1.84
1883 Mass	2	50	F.	58-58-58	1.75-1.88-1.81
1883 Mass	2	948	(a)	50-60-55	1.51-2.50-1.88
1883 Mich	2	863	M.	54-60-56	1.26-1.98-1.68
1883 Mich	277	213	M.	(a)	.85-3.50-1.85
1883 Mich	277	4	(a)	(a)	.58- .58- .58
1883 Minn	2	135	M.	60-60-60	1.50-2.50-2.09
1883 Mo	2	91	M.	48-60-51	1.50-2.00-1.68
1883 Nebr	2	4	M.	60-60-60	2.50-2.50-2.50
1883 N. H	2	40	(a)	60-60-60	2.30-2.50-2.40
1883 N. J	2	30	M.	48-48-48	1.25-1.50-1.38
1883 N. J	322	206	M.	54-60-60	1.00-3.00-1.53
1883 N. J	322	30	F.	60-60-60	.33-1.67- .75
1883 N. Y	2	1633	M.	54-60-58	1.35-3.37-2.54
1883 N. Y	2	125	F.	58-58-58	1.25-1.25-1.25
1883 N. Y	2	(c)	(a)	54-72-55	1.25-2.25-1.73
1883 Ohio	2	439	M.	54-60-58	1.10-2.60-1.73
1883 Ohio	2	1557	(a)	54-60-56	1.25-2.61-2.36
1883 Ohio	365	27	M.	42-60-56	1.25-2.50-1.79
1883 Pa	2	543	M.	48-60-54	1.25-2.15-1.76
1883 Pa	2	281	(a)	50-60-52	1.79-2.83-2.54
1883 R. I	2	36	M.	48-60-54	2.20-2.25-2.24
1883 Tenn	2	10	M.	60-60-60	2.00-2.16-2.08
1883 Va	2	360	M.	48-60-57	1.96-3.27-2.41
1883 Wis	2	65	M.	54-59-56	1.40-1.55-1.49
1883 England	575	(a)	M.	50-50-50	.81-1.62- —
1884 Ala	2	5	M.	60-60-60	2.00-2.00-2.00
1884 Cal	2	7264	M.	50-60-56	1.03-1.40-1.26
1884 Cal	2	4906	(a)	50-57-52	1.08-1.31-1.17
1884 Cal	192	2	M.	60-60-60	2.30-2.30-2.30
1884 Fla	7	33	M.	48-48-48	2.00-3.67-2.94
1884 Ill	2	88	M.	48-60-51	1.50-3.00-1.84
1884 Ind	2	16	M.	d60-60-60	1.50-2.00-1.61
1884 Iowa	2	50	M.	58-59-58	1.75-2.00-1.95
1884 Iowa	7	30	M.	58-58-58	1.00-3.02-1.55
1884 Iowa	231	14	M.	e51-60-57	.58-3.15-2.01
1884 Kans	2	10	M.	60-60-60	1.50-1.50-1.50
1884 Kans	2	12	(a)	60-60-60	2.00-2.00-2.00
1884 Md	2	8	M.	56-56-56	1.50-1.66-1.58
1884 Md	2	8	(a)	56-56-56	1.50-1.60-1.55
1884 Mass	2	40	M.	58-58-58	2.50-2.50-2.50
1884 Mass	2	44	(a)	54-58-57	1.75-2.40-1.88
1884 Mich	2	63	M.	50-58-55	1.25-2.50-1.60
1884 Mich	278	199	M.	(a)	.38-3.50-2.12
1884 Minn	2	26	(a)	48-48-48	2.25-2.25-2.25
1884 Mo	2	21	M.	60-60-60	1.75-2.10-1.94
1884 Mo	295	12	(a)	60-60-60	1.00-3.00-1.57
1884 N. J	2	10	M.	60-60-60	1.75-1.75-1.75
1884 N. J	323	685	M.	f48-60-58	1.35-2.85-1.99
884 N. Y	2	147	M.	54-54-54	1.75-2.20-1.93
1884 N. Y	2	1	F.	60-60-60	1.50-1.50-1.50
1884 N. Y	2	3495	(a)	54-60-57	1.25-2.00-1.68
1884 Ohio	2	82	M.	54-56-56	1.30-1.92-1.50
1884 Ohio	2	2917	(a)	54-60-57	1.06-2.25-1.31
1884 Ohio	366	21	M.	59-59-59	1.65-1.65-1.65
1884 Pa	2	82	M.	60-60-60	1.67-2.34-2.01
1884 R. I	2	17	M.	60-60-60	2.00-2.00-2.00
1884 Va	2	35	M.	60-60-60	2.00-2.58-2.30
1884 W. Va	7	56	M.	57-60-57	1.33-2.83-2.09
1884 Wis	2	37	M.	60-60-60	1.75-1.75-1.75
1884 Aust-Hun	178	(a)	M.	60-60-60	.33- .80- —
1884 Aust-Hun	178	(a)	F.	60-60-60	.14- .48- —
1884 Bahamas	178	(a)	M.	(a)	.75-1.25- —
1884 Belgium	178	(a)	M.	g60-72 —	.41-1.57- —
1884 Brazil	178	(a)	M.	h60-60-60	.25-2.58- —
1884 Br. Hond	178	(a)	(a)	54-54-54	38-1.05- —
1884 Canada	178	(a)	(a)	i60-60-60	.33-3.33- —
1884 Canada	178	(a)	(a)	h60-60-60	j2.50-10.00- —
1884 Canada	466	(a)	M.	55-60 —	.51-1.58- —
1884 Canada	466	(a)	F.	58-60 —	.32- .62- —
1884 C. of G'd H	178	(a)	(a)	60-60-60	1.33-2.00- —
1884 Colombia	178	(a)	(a)	60-60-60	.32- .81- —
1884 Cuba	178	(a)	M.	k59-59-59	1.32-2.14- —
1884 Denmark	178	(a)	M.	60-60-60	.54-1.16- —
1884 Ecuador	178	(a)	M.	60-60-60	.67-1.67- —
1884 England	178	(a)	M.	l54-59 —	.41-1.72- —
1884 England	178	(a)	F.	m59-59-59	.49-1.22- —
1884 England	575	(a)	M.	50-50-50	.81-1.62- —
1884 France	178	(a)	M.	60-66 —	.40-1.13- —
1884 France	178	(a)	F.	60-60-60	.42- .68- —
1884 Germany	178	(a)	M.	o60-72 —	.12-1.39- —
1884 Germany	178	(a)	F.	p60-72 —	.08- .60- —
1884 Gibraltar	178	(a)	M.	56-56-56	.42- .92- —
1884 Italy	178	(a)	M.	q60-60-60	.22- .80- —
1884 Italy	178	(a)	F.	r60-60-60	.15- .35- —
1884 Madeira Is	178	(a)	M.	54-54-54	.65- .65- .65
1884 Malta	178	(a)	F.	(a)	.12- .18- —
1884 Mexico	178	(a)	(a)	s60-60-60	.50-1.33- —
1884 Mexico	178	(a)	(a)	(a)	t1.00-1.25- —
1884 Netherl'ds	178	(a)	M.	60-68 —	.40-1.47- —
1884 N. Zealand	178	(a)	(a)	60-60-60	1.70-2.50- —
1884 Persia	178	(a)	(a)	(a)	.24- .32- —
1884 Peru	178	(a)	M.	(a)	1.20-1.20-1.20
1884 Philip. Is	178	(a)	(a)	(a)	.75-1.00- —
1884 Russia	178	(a)	M.	60-72 —	.43-2.00- —
1884 Russia	178	(a)	M.	72-72-72	j1.44-2.40- —
1884 S. Domingo	178	(a)	(a)	60-60-60	1.00-1.88- —
1884 Scotland	178	(a)	M.	u51-51-51	1.02-1.02-1.02
1884 Spain	178	(a)	M.	63-63-63	1.00-1.00-1.00
1884 Spain	178	(a)	F.	63-72 —	.05½-.40- —
1884 Switzerl'd	178	(a)	M.	s66-66-66	.29- .62- —
1884 Turkey	178	(a)	M.	(a)	.44- .70- —
1884 Turk. in A	178	(a)	(a)	66-66-66	2.20-3.30- —
1884 Turk. in A	178	(a)	(a)	60-60-60	j1.00-1.00-1.00
1884 Venezuela	178	(a)	(a)	h60-60-60	1.33-2.33- —
1885 Conn	1	15	M.	60-60-60	2.25-2.25-2.25
1885 Fla	2	5042	M.	60-60-60	1.66-2.09-2.01
1885 Fla	2	5000	F.	60-60-60	1.94-2.09-2.02
1885 Ill	1	118	M.	48-60-59	1.22-2.17-1.58
1885 Ill	1	55	F.	60-60-60	1.33-2.00-1.45
1885 Ill	2	116	M.	48-60-48	1.50-2.50-1.64
1885 Ill	7	29	M.	60-60-60	1.50-2.88-2.19

a Not reported.
b Not including hours of 14 persons not reported.
c 25,005 employees.
d Not including hours of 12 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 127 persons not reported.
g Applies to but 6 of the 8 wage quotations.
h Applies to but 2 of the 4 wage quotations.
i Applies to but 22 of the 26 wage quotations.
j Per 1,000 cigars.
k Applies to but 2 of the 3 wage quotations.
l Applies to but 6 of the 16 wage quotations.
m Applies to but 3 of the 4 wage quotations.
n Applies to but 52 of the 66 wage quotations.
o Applies to but 7 of the 12 wage quotations.
p Applies to but 2 of the 8 wage quotations.
q Applies to but 4 of the 7 wage quotations.
r Applies to but 4 of the 8 wage quotations.
s Applies to but 4 of the 6 wage quotations.
t Per 100 cigars.
u Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CIGAR MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ill	7	72 F.	44-44-44	0.50-1.38-0.94
1885 Ind	2	51 M.	54-60-59	1.75-2.10-2.01
1885 Kans	239	17 M.	48-60-58	1.00-2.50-1.66
1885 Ky	2	108 M.	55-60-60	1.25-2.10-1.71
1885 La	7	21 F.	55-55-55	.65-1.20- .88
1885 Md	7	30 M.	60-60-60	1.08-2.63-1.68
1885 Md	7	15 F.	60-60-60	1.00-2.04-1.38
1885 Mass	2	8 M.	54-60-57	2.06-2.25-2.16
1885 Mass	7	43 M.	(a)	1.67-3.85-2.59
1885 Mich	2	56 M.	48-52-51	1.50-2.00-1.82
1885 Mich	2	426 (a)	52-60-54	1.17-2.40-1.59
1885 Minn	2	4 M.	54-54-54	2.00-2.00-2.00
1885 Minn	7	9 M.	(a)	2.00-2.20-2.07
1885 Minn	7	7 F.	(a)	2.00-2.07-2.05
1885 Mo	2	55 M.	60-60-60	1.75-2.50-1.96
1885 N. H	2	40 M.	60-60-60	2.50-2.65-2.58
1885 N. J	1	31 M.	50-50-50	1.50-3.40-1.81
1885 N. J	1	30 F.	54-54-54	1.00-1.00-1.00
1885 N. J	2	11 M.	54-54-54	1.60-1.60-1.60
1885 N. J	7	24 F.	58-58-58	.67-1.33- .96
1885 N. J	324	387 M.	b54-60-58	.92-4.00-2.11
1885 N. Y	2	4183 M.	54-60-59	1.50-2.50-1.72
1885 N. Y	2	100 F.	60-60-60	1.55-1.65-1.60
1885 N. Y	2	(c) (a)	40-70-56	1.38-2.18-1.69
1885 N. Y	7	185 M.	46-56-48	1.04-3.27-2.10
1885 N. Y	7	19 F.	46-48-46	1.52-2.32-1.83
1885 N. Y	330	266 F.	(d)	.50-1.67-1.17
1885 N. Y	331	1 M.	60-60-60	8.00-8.00-8.00
1885 N. Y	331	470 (a)	57-57-57	e6.70-6.70-6.70
1885 Ohio	1	348 M.	54-60-58	1.26-1.73-1.52
1885 Ohio	1	222 F.	50-60-55	.58-1.58-1.19
1885 Ohio	2	285 M.	55-60-56	.63-2.00-1.81
1885 Ohio	2	222 (a)	56-66-60	1.27-2.00-1.45
1885 Ohio	7	26 M.	45-45-45	1.35-1.84-1.59
1885 Ohio	7	37 F.	45-45-45	.82-1.52-1.18
1885 Pa	2	12 M.	56-56-56	1.50-1.67-1.59
1885 Pa	2	8 (a)	56-56-56	1.48-1.67-1.58
1885 R. I	1	14 M.	60-60-60	1.83-2.33-2.11
1885 Va	7	25 F.	(a)	.67-1.08- .87
1885 W. Va	1	48 M.	60-60-60	1.50-1.50-1.50
1885 W. Va	7	7 M.	60-60-60	1.33-1.67-1.57
1885 Canada	467	(a) M.	52-52-52	1.46-1.49- —
1885 Canada	467	(a) F.	58-58-58	.55- .62- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 England	575	(a) M.	50-50-50	.81-1.62- —
1885 Germany	71	(a) M.	72-72-72	.60- .67- —
1885 Germany	71	(a) F.	72-72-72	.30- .30- .30
1885 Norway	686	(a) M.	(a)	.87- .87- .87
1886 Cal	193	113 M.	f60-60-60	1.50-2.50-1.87
1886 Cal	193	5 M.	(a)	g2.50-2.50-2.50
1886 Colo	2	28 M.	54-54-54	2.50-2.75-2.63
1886 Conn	2	114 M.	48-60-55	1.66-2.67-2.16
1886 Fla	2	325 M.	60-60-60	3.40-3.40-3.40
1886 Ill	2	398 M.	h48-60-49	1.60-2.60-1.69
1886 Ill	208	142 M.	48-60-52	1.50-2.50-1.84
1886 Iowa	2	40 M.	48-60-57	1.50-2.25-1.74
1886 Iowa	7	30 M.	48-60-54	.64-2.71-1.74
1886 Iowa	232	150 M.	i48-48-48	1.00-3.00-1.89
1886 Kans	240	1 M.	60-60-60	1.80-1.80-1.80
1886 Me	2	20 (a)	45-45-45	2.33-2.53-2.43
1886 Md	2	771 M.	40-60-53	1.00-3.00-2.06
1886 Md	3	9 F.	47-57-54	0.75-1.67-1.03
1886 Mass	2	121 M.	48-60-53	1.40-2.68-2.10
1886 Mass	2	220 (a)	48-54-53	1.58-2.24-1.81
1886 Mich	2	289 (a)	48-50-49	1.00-1.63-1.54
1886 Mich	7	74 M.	45-60-54	1.63-2.70-2.18
1886 Minn	2	46 M.	48-48-48	2.00-2.50-2.05
1886 Mo	2	80 M.	j48-60-54	1.16-1.75-1.43
1886 Mo	3	5 F.	k52-52-52	.58-1.08- .78
1886 Nebr	2	46 M.	60-60-60	1.75-1.92-1.84
1886 N. J	2	17 M.	47-47-47	1.75-1.75-1.75
1886 N. J	3	14 F.	45-56-54	.83-1.50-1.18
1886 N. J	325	421 M.	48-60-59	1.33-3.33-2.17
1886 N. Y	2	461 M.	45-60-54	1.40-2.50-1.93
1886 N. Y	2	(l) (a)	48-60-54	1.09-2.50-1.51
1886 N. Y	3	2 F.	52-52-52	1.08-1.17-1.13
1886 N. Y	7	207 M.	47-48-48	1.17-2.63-1.61
1886 N. Y	7	42 F.	48-48-48	.67-1.05- .88
1886 N. Y	331	2 M.	47-47-47	2.50-2.50-2.50
1886 N. Y	331	224 M.	47-59-58	e6.00-7.00-6.04
1886 N. Y	331	4 F.	58-58-58	e7.00-7.00-7.00
1886 Ohio	2	81 M.	48 56-49	1.25-1.99-1.93
1886 Ohio	2	83 (a)	54-56-56	1.22-1.92-1.77
1886 Ohio	368	12 M.	(a)	1.04-2.10-1.50
1886 Pa	2	138 M.	55-60-57	1.00-2.25-1.76
1886 Pa	2	657 (a)	50-72-61	1.17-2.16-1.42
1886 Pa	3	10 F.	44-51-47	.50-1.67-1.29
1886 Pa	7	72 M.	n58-58-58	.63-2.10-1.32
1886 Pa	7	56 F.	o58-58-58	.50-1.83- .99
1886 R. I	3	21 F.	40-60-52	.67-1.67-1.15
1886 S. Dak	2	7 M.	48-48-48	2.75-2.75-2.75
1886 Va	2	18 M.	48-60-54	2.00-2.25-2.08
1886 W. Va	7	5 M.	58-58-58	1.50-1.67-1.60
1886 Wis	2	6 M.	58-58-58	1.75-1.75-1.75
1886 Argentina	57	(a) M.	p60-60-60	.40-3.00- —
1886 Canada	468	(a) M.	47-55 —	.63-1.82- —
1886 Canada	468	(a) F.	49-54 —	.42-1.14- —
1886 England	575	(a) M.	50-50-50	.81-1.62- —
1886 Germany	175	(a) (a)	(a)	.33- .50- —
1886 Germany	184	(a) (a)	(a)	.60- .60- .60
1886 Netherl'ds	456	(a) (a)	60-60-60	.40-1.21- —
1887 Ill	3	11 F.	51-58-55	1.00-1.75-1.36
1887 Kans	241	10 M.	h48-48-48	1.66-3.50-2.19
1887 Ky	3	11 F.	q46-57-55	.79-2.00-1.15
1887 La	3	29 F.	q46-57-52	.58-1.92- .96
1887 Mass	3	6 F.	48-48-48	1.42-2.50-1.85
1887 Minn	3	3 F.	51-51-51	1.67-1.67-1.67
1887 N. Y	3	70 F.	r34-75-51	.58-2.67-1.44
1887 N. Y	331	394 M.	s44-48-45	1.67-3.00-2.40
1887 Ohio	3	40 F.	41-59-50	.50-1.83-1.08
1887 Ohio	369	2734 M.	48-60-58	.34-3.34-1.46
1887 Ohio	369	8 M.	60-60-60	e6.00-9.00-6.75
1887 Ohio	369	1056 F.	48-60-58	.50-2.00-1.24
1887 Pa	3	6 F.	48-52-50	1.00-1.50-1.21
1887 R. I	396	286 M.	(a)	1.08-2.00-1.37
1887 Wis	409	355 (a)	(a)	1.00-1.77-1.77
1887 Canada	469	(a) M.	49-49-49	1.28-1.29- —
1887 England	575	(a) M.	50-50-50	.81-1.62- —
1887 England	622	(a) M.	(a)	.88- .88- .88
1887 Germany	557	(a) (a)	54-66 —	.34- .87- —
1887 Netherl'ds	598	(a) (a)	t60-60-60	.41-1.22- —
1888 Cal	194	9 F.	55-56-55	1.00-1.33-1.13

a Not reported.
b Not including hours of 262 persons not reported.
c 12,958 employees.
d 48-108-92 hours; not including hours of 177 persons not reported.
e Per 1,000 cigars.
f Not including hours of 51 persons not reported.
g And board.
h Not including hours of 4 persons not reported.
i Not including hours of 87 persons not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 2 persons not reported.
l 45,607 employees.
n Not including hours of 71 persons not reported.
o Not including hours of 37 persons not reported.
p Applies to but 2 of the 4 wage quotations.
q Not including hours of 1 person not reported.
r Not including hours of 8 persons not reported.
s Not including hours of 347 persons not reported.
t Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CIGAR MAKERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Colo	198	4 F.	48-60-54	0.75-1.33-1.00
1888 Iowa	233	40 M.	48-48-48	1.70-2.35-1.86
1888 Kans	242	21 M.	(a)	2.00-2.34-2.15
1888 N. J	326	9 (a)	48-60-51	1.50-3.00-2.12
1888 N. Y	331	544 M.	b44-60-47	.83-2.50-1.98
1888 N. Y	331	142 M.	c44-60-50	(d)
1888 N. Y	331	8 F.	e47-47-47	1.33-1.67-1.54
1888 Ohio	370	2738 M.	(a)	1.29-2.05-1.48
1888 Va	3	21 F.	40-60-52	.42-1.50- .76
1888 Canada	470	(a) M.	49-55 —	.55-1.78- —
1888 Canada	470	(a) F.	54-54-54	1.16-1.16-1.16
1888 England	575	(a) M.	50-50-50	.81-1.62- —
1888 Germany	558	(a) (a)	42-60 —	.40- .91- —
1889 Cal	195	1 F.	(a)	2.70-2.70-2.70
1889 Kans	243	9 M.	(a)	2.15-2.25-2.19
1889 R. I	398	6 F.	60-60-60	.87-1.33-1.00
1889 Canada	471	(a) M.	49-51 —	1.34-1.36- —
1889 Canada	471	(a) F.	51-53 —	.83-1.10- —
1889 Germany	514	(a) (a)	(a)	1.19-1.43- —
1889 Italy	95	(a) M.	60-60-60	.40- .40- .40
1889 Portugal	691	(a) (a)	(a)	.33-1.62- —
1890 Kans	244	31 M.	(a)	2.00-4.00-2.53
1890 Minn	292	118 M.	(a)	1.00-2.65-1.89
1890 N. Y	333	5358 M.	(a)	.33-4.50-1.77
1890 N. Y	333	493 F.	(a)	1.17-2.50-1.58
1890 Ohio	371	588 (a)	42-60-52	1.00-2.60-1.69
1890 Netherl'ds	666	(a) M.	f63-66 —	.27- .87- —
1890 Netherl'ds	666	(a) F.	(a)	.20- .20- .20
1890 Norway	686	(a) M.	(a)	.86- .86- .86
1891 Mich	283	222 F.	(a)	.50-1.72-1.34
1891 N. Y	333	5687 M.	(a)	.33-4.50-1.78
1891 N. Y	333	442 F.	(a)	1.17-2.50-1.50
1891 N. C	346	1 M.	60-60-60	3.00-3.00-3.00
1891 Ohio	372	859 M.	36-66-52	.80-3.00-1.75
1891 Ohio	372	512 F.	45-60-56	.50-1.75-1.06
1891 Australia	134	(a) M.	(a)	1.91-1.91-1.91
1891 Belgium	457	(a) M.	60-60-60	.35- .72- —
1891 China	105	(a) (a)	(a)	.19- .19- .19
1892 Cal	196	103 M.	48-48-48	.67-3.83-2.01
1892 Cal	196	5 F.	48-48-48	.83-2.00-1.40
1892 Ill	210	41 F.	45-54-52	.56-2.00-1.25
1892 Iowa	235	133 (a)	48-60-49	1.25-2.94-2.04
1892 Mo	301	945 M.	g48-48-48	1.67-2.17-2.01
1892 C. of G'd H	486	(a) M.	(a)	1.62-3.24- —
1892 Corsica	505	(a) F.	60-74 —	.19- .29- —
1892 England	632	(a) (a)	(a)	h .18½-.85- —
1892 France	505	(a) F.	60-60-60	.29- .97- —
1892 Germany	118	(a) F.	(a)	.22- .48- —
1892 Germany	184	(a) (a)	(a)	.65- .65- .65
1892 Italy	112	(a) M.	66-66-66	.40- .75- —
1892 Russia	692	(a) (a)	(a)	.20- .80- —
1893 Ill	10	99 M.	g35-72-53	.67-4.17-1.76
1893 Ill	10	22 F.	46-63-56	.33-1.67-1.05
1893 Md	10	73 M.	45-72-61	.42-3.33-1.54
1893 Md	10	15 F.	60-72-63	.50-1.50- .91
1893 Mo	302	900 M.	48-48-48	1.75-2.25-1.86
1893 Mont	307	1 M.	42-42-42	3.00-3.00-3.00
1893 Mont	307	5 M.	g42-48-45	(i)
1893 Mont	307	1 F.	48-48-48	(j)
1893 N. H	315	1 M.	47-47-47	3.50-3.50-3.50
1893 N. J	327	59 F.	58-58-58	.50-1.83-1.17
1893 N. Y	10	42 M.	48-84-58	0.67-3.67-1.61
1893 N. Y	10	7 F.	60-60-60	.50-1.33- .75
1893 Ohio	374	1025 M.	k42-60-52	.90-3.00-1.72
1893 Ohio	374	1064 F.	l42-60-54	.40-2.00-1.23
1893 Pa	10	73 M.	g45-66-57	.42-4.17-1.70
1893 Pa	10	13 F.	49-60-57	.83-2.00-1.23
1893 R. I	400	12 M.	(a)	1.50-2.60-2.05
1893 Germany	11	(a) M.	(a)	.71- .71- .71
1893 Netherl'ds	632	(a) M.	(a)	.30- .47- —
1894 Iowa	236	103 M.	n42-60-51	1.00-3.25-1.83
1894 Iowa	236	19 F.	54-60-58	.50-1.50- .99
1894 Kans	248	51 M.	54-54-54	1.55-1.55-1.55
1894 Kans	248	31 F.	60-60-60	1.03-1.03-1.03
1894 N. H	316	13 M.	47-48-48	1.50-5.33-2.69
1894 N. C	8	3 M.	60-60-60	.60-2.40-1.80
1894 Ohio	374	18 M.	(a)	.67-3.33-1.43
1894 Ohio	374	2 F.	(a)	.42-1.83-1.13
1894 Ohio	375	962 M.	o42-72-52	.85-2.50-1.66
1894 Ohio	375	1135 F.	p42-60-54	.40-1.58-1.22
1894 Pa	393	28 F.	51-63-57	.33-1.58- .60
1894 Australia	134	(a) M.	48-48-48	1.22-1.22-1.22
1894 Canada	187	(a) M.	60-60-60	1.50-1.50-1.50
1894 France	129	(a) M.	60-60-60	1.16-1.16-1.16
1894 France	129	(a) F.	60-60-60	.69- .69- .69
1894 Spain	632	(a) F.	(a)	.09½-.34- —
1895 Kans	249	29 (a)	30-54-48	1.00-3.33-1.93
1895 La	7	194 M.	63-63-63	.41-1.95-1.02
1895 La	7	425 F.	55-63-62	.23-1.70- .65
1895 Md	7	54 M.	q55-55-55	1.17-3.33-1.88
1895 Md	7	64 F.	r55-55-55	.67-2.25-1.19
1895 Mass	7	239 M.	54-54-54	1.75-5.00-3.01
1895 N. J	7	20 F.	56-56-56	.69-1.68-1.07
1895 N. Y	7	129 M.	46-48-47	1.23-3.33-2.11
1895 N. Y	7	17 F.	46-48-47	1.55-2.35-1.95
1895 Ohio	376	980 M.	s42-72-52	.55-5.00-1.68
1895 Ohio	376	1182 F.	t42-60-54	.50-1.80-1.16
1895 Va	7	35 F.	54-54-54	.67-1.08- .88
1895 Wis	413	37 (a)	30-54-47	.83-3.00-1.55
1895 Canada	187	(a) (a)	60-60-60	2.00-3.33- —
1895 Norway	687	(a) M.	(a)	.92- .92- .92
1896 Colo	200	262 (a)	36-45-43	1.67-2.00-1.75
1896 Fla	7	54 M.	48-48-48	2.50-4.17-2.93
1896 Fla	15	2 M.	(a)	1.50-2.00-1.75
1896 Ga	7	2 M.	48-48-48	1.50-1.67-1.59
1896 Ga	7	4 F.	48-48-48	1.08-1.17-1.13
1896 Ill	7	169 M.	44-48-44	1.33-3.75-2.06
1896 Ill	7	24 F.	44-48-45	1.00-2.04-1.43
1896 Ill	12	2 M.	36-48-42	1.00-2.00-1.50
1896 Iowa	7	86 M.	48-58-53	.63-2.61-1.42
1896 Iowa	7	15 F.	48-58-54	1.00-1.93-1.31
1896 Kans	250	35 M.	u36-60-48	1.17-3.45-2.08
1896 Md	7	19 M.	48-48-48	.33-1.83-1.00
1896 Md	7	24 F.	48-48-48	.38-1.04- .74
1896 Mich	7	56 M.	40-48-46	1.30-2.80-2.07
1896 Minn	7	1 M.	48-48-48	1.87-1.87-1.87
1896 Minn	7	3 F.	48-48-48	1.90-1.90-1.90
1896 Mo	305	376 M.	48-60-49	1.30-3.50-2.24
1896 Mo	305	38 F.	48-60-51	.50-3.50-1.33
1896 Nebr	314	22 M.	v42-48-46	.70-3.50-2.53
1896 Nebr	314	13 F.	48-48-48	1.25-2.25-1.50
1896 Nebr	314	38 (a)	w42-48-44	.35-3.00- .80

a Not reported.
b Not including hours of 38 persons not reported.
c Not including hours of 9 persons not reported.
d $2.50-$17.00-$7.93¾ per 1,000 cigars.
e Not including hours of 5 persons not reported.
f Applies to but 2 of the 9 wage quotations.
g Not including hours of 1 person not reported.
h Per 100 cigars.
i $14.00-$19.00-$15.60 per 1,000 cigars.
j $14.00-$14.00-$14.00 per 1,000 cigars.
k Not including hours of 40 persons not reported.
l Not including hours of 6 persons not reported.
n Not including hours of 3 persons not reported.
o Not including hours of 73 persons not reported.
p Not including hours of 87 persons not reported.
q Not including hours of 34 persons not reported.
r Not including hours of 24 persons not reported.
s Not including hours of 109 persons not reported.
t Not including hours of 151 persons not reported.
u Not including hours of 12 persons not reported.
v Not including hours of 11 persons not reported.
w Not including hours of 29 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CIGAR MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 N. Y.	7	316 M.	46-48-48	0.58-3.00-1.73
1896 N. Y.	7	31 F.	48-48-48	.53-1.17-.87
1896 N. Y.	336	16 M.	(a)	1.33-2.50-1.72
1896 Ohio	7	185 M.	45-54-52	1.05-2.07-1.42
1896 Ohio	7	185 F.	45-54-50	.79-2.02-1.21
1896 Ohio	377	988 M.	44-60-50	1.25-2.04-1.54
1896 Ohio	377	1476 F.	44-60-54	.75-1.50-1.00
1896 Pa	7	55 M.	52-54-52	.58-2.67-1.40
1896 Pa	7	407 F.	52-60-54	.43-2.10-.96
1896 W. Va	7	118 M.	54-60-57	1.03-3.33-1.86
1896 W. Va	7	11 F.	54-58-57	.32-1.00-.80
1896 Wis	7	31 M.	48-48-48	1.33-4.20-2.37
1896 Wis	7	12 F.	48-48-48	1.00-2.01-1.24
1896 England	592	(a) (a)	(a)	.61-.66- —
1896 Mexico	184	(a) M.	(a)	1.56-1.56-1.56
1897 Conn	204	1 M.	45-45-45	2.57-2.57-2.57
1897 Kans	251	13 M.	22-72-46	.67-2.50-1.69
1897 Kans	251	6 F.	36-61-55	.75-1.67-.93
1897 Mich	289	617 M.	b45-45-45	1.66-2.00-1.72
1897 Mich	289	853 F.	(a)	1.17-2.50-1.49
1897 Nebr	314	3 M.	48-48-48	2.00-2.00-2.00
1897 Nebr	314	1 F.	48-48-48	.50-.50-.50
1897 Nebr	314	2 (a)	48-48-48	2.50-2.50-2.50
1897 N. Y.	337	1372 M.	c38-48-48	.50-4.50-1.88
1897 N. Y.	337	13 F.	48-48-48	1.33-2.00-1.54
1897 Va	404	23 M.	48-48-48	.50-3.00-1.55
1897 Va	404	2 M.	(a)	d7.00-7.00-7.00
1898 Kans	252	8 M.	42-60-49	1.67-2.50-1.94
1898 Kans	252	6 M.	e48-60-53	(f)
1898 Mich	290	1616 M.	(a)	1.25-2.67-1.96
1898 N. J	329	78 M.	48-48-48	1.50-2.83-2.06
1898 N. Y.	338	1818 M.	g48-48-48	.68-6.13-1.88
1898 Va	404	124 (a)	48-48-48	1.73-1.73-1.73
1898 Germany	151	(a) M.	(a)	.60-.99- —
1898 Germany	151	(a) F.	(a)	.40-.71- —
1899 Mass	18	409 M.	(a)	1.25-5.75-3.09
1899 Belgium	455	(a) (a)	(a)	.39-.45- —
1900 Mass	18	434 M.	(a)	1.38-5.25-3.20

CIGAR WRAPPER MAKERS.

1884 N. J	323	4 M.	60-60-60	1.83-2.33-2.08
1885 N. J	324	5 M.	60-60-60	1.67-2.67-2.07
1886 N. J	325	6 M.	60-60-60	1.67-2.50-2.03
1886 Germany	548	(a) F.	(a)	.32-.60- —
1887 Germany	557	(a) F.	54-60 —	.29-.54- —
1888 Germany	558	(a) F.	53-60 —	.32-.56- —

CINDERMEN.

1846 England	572	(a) (a)	(a)	.89-.89-.89
1847 England	572	(a) (a)	(a)	1.18-1.18-1.18
1848 England	572	(a) (a)	(a)	.95-.95-.95
1849 England	572	(a) (a)	(a)	.82-.82-.82
1866 England	566	(a) M.	(a)	.97-1.22- —
1871 England	570	(a) M.	60-60-60	1.05-1.05-1.05
1878 Pa	379	2 M.	(a)	2.00-2.00-2.00
1874 Pa	380	38 M.	(a)	1.23-1.75-1.50
1876 Pa	381	186 M.	(a)	.97-4.50-1.43
1876 Pa	382	12 M.	(a)	1.10-1.44-1.20
1877 England	570	(a) M.	60-60-60	.79-.79-.79
1878 Pa	383	134 M.	h67-84-82	.70-2.25-1.14
1879 Pa	384	145 M.	(a)	1.00-2.25-1.32
1884 N. J	323	10 M.	70-84-76	1.30-1.40-1.37
1885 Ala	1	20 M.	84-84-84	1.40-1.40-1.40
1885 Md	1	8 M.	84-84-84	1.25-1.25-1.25
1885 N. Y.	1	24 M.	72-84-74	1.25-1.33-1.26
1885 Ohio	1	101 M.	60-84-80	1.10-1.85-1.38
1885 Pa	1	57 M.	60-84-74	1.45-2.25-2.05
1885 Va	1	40 M.	84-84-84	1.00-1.13-1.09
1886 England	67	(a) (a)	(a)	1.08-1.08-1.08
1887 Ohio	369	6 M.	84-84-84	1.70-1.70-1.70
1887 Pa	390	31 M.	(a)	1.70-3.13-2.58
1888 N. Y.	331	18 M.	70-84-77	1.50-1.75-1.58
1888 Va	5	27 M.	(a)	1.00-1.40-1.13
1888 W. Va	5	4 M.	66-66-66	1.85-1.85-1.85
1888 England	5	(a) M.	84-84-84	.59-.75- —
1889 Ill	5	30 M.	i72-72-72	1.10-2.25-1.48
1889 Md	5	2 M.	60-60-60	1.35-1.35-1.35
1889 N. Y.	5	36 M.	j60-84-67	1.25-1.95 1.39
1889 Ohio	5	54 M.	k48-84-59	1.25-2.90-1.80
1889 Pa	5	38 M.	70-84-72	1.40-2.10-1.64
1889 W. Va	5	11 M.	l66-66-66	1.70-4.40-3.13
1889 Belgium	5	(a) M.	(a)	.24-.76- —
1889 France	5	(a) M.	(a)	.65-.70- —
1889 Italy	5	(a) M.	(a)	.43-.77- —
1890 N. Y.	333	4 M.	(a)	1.75-1.75-1.75
1890 Ohio	5	1 M.	72-72-72	1.00-1.00-1.00
1891 N. Y.	333	4 M.	(a)	1.75-1.75-1.75
1892 Ohio	373	63 M.	n60-84-71	1.00-1.90-1.50
1893 N. J	8	4 M.	84-84-84	1.55-1.55-1.55
1895 Ohio	376	109 M.	o84-84-84	1.00-1.80 1.51
1897 Ohio	377	112 (a)	j60-72-72	.80-1.65-1.37
1898 Pa	18	14 M.	(a)	1.45-1.60-1.58
1899 Pa	18	19 M.	(a)	1.60-1.85-1.78

a Not reported.
b Not including hours of 515 persons not reported.
c Not including hours of 68 persons not reported.
d Per 1,000 cigars.
e Not including hours of 1 person not reported.
f $7.00-$10.00-$8.00 per 1,000 cigars.
g Not including hours of 63 persons not reported.
h Not including hours of 62 persons not reported.
i Not including hours of 13 persons not reported.
j Not including hours of 4 persons not reported.
k Not including hours of 25 persons not reported.
l Not including hours of 7 persons not reported.
n Not including hours of 2 persons not reported.
o Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CINDER SNAPPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1874 Pa	380	8 M.	(a)	1.55-1.55-1.55
1875 Pa	380	1 M.	(a)	1.75-1.75-1.75
1885 Ohio	1	6 M.	84-84-84	1.35-1.35-1.35
1885 Pa	1	4 M.	84-84-84	1.35-1.35-1.35
1889 Ill.	5	5 M.	70-70-70	2.10-2.50-2.18
1889 Pa	5	19 M.	b56-84-70	1.20-1.80-1.67
1889 W. Va	5	7 M.	(a)	1.55-3.49-2.94
1889 Wis	5	8 M.	84-84-84	1.92-1.92-1.92
1897 Ohio	377	2 (a)	72-72-72	1.65-1.65-1.65
1898 Pa	18	6 M.	(a)	1.60-1.60-1.60
1899 Pa	18	6 M.	(a)	1.85-1.85-1.85

CINDER TAPPERS.

1878 N. Y.	190	1	M.	70-70-70	1.40-1.40-1.40	1889 Ohio	5	47	M.	c84-84-84	1.45-2.25-1.66
1880 N. Y.	190	8	M.	70-70-70	1.40-1.40-1.40	1889 Pa	5	34	M.	70-84-82	1.00-1.65-1.37
1887 N. Y.	190	4	M.	70-70-70	1.50-1.50-1.50	1889 Tenn	5	26	M.	84-84-84	1.15-1.25-1.17
1888 Ill.	5	4	M.	84-84-84	2.10-2.10-2.10	1889 Va	5	10	M.	d84-84-84	.90-1.05-1.02
1888 N. Y.	190	1	M.	70-70-70	1.50-1.50-1.50	1889 W. Va	5	14	M.	c66-84-74	1.50-2.89-1.78
1888 Ohio	5	4	M.	84-84-84	1.65-1.65-1.65	1889 Belgium	5	(a)	M.	(a)	.58- .60- —
1888 Pa	5	12	M.	84-84-84	1.55-1.75-1.62	1889 England	5	(a)	M.	(a)	.73- .92- —
1888 Va	5	6	M.	84-84-84	1.10-1.40-1.20	1889 France	5	(a)	M.	84-84-84	.70- .70- .70
1888 W. Va	5	6	M.	66-84-78	1.65-1.70-1.67	1889 Germany	5	(a)	M.	84-84-84	.60- .66- —
1889 Ala	5	179	M.	c70-84-79	1.00-1.50-1.32	1890 Ala	5	27	M.	84-84-84	1.25-1.25-1.25
1889 Ind	5	2	M.	72-72-72	1.35-1.35-1.35	1890 N. Y.	190	4	M.	70-70-70	1.50-1.50-1.50
1889 N. Y.	5	6	M.	84-84-84	1.50-1.50-1.50	1890 Ohio	5	6	M.	84-84-84	1.50-1.50-1.50
1889 N. Y.	190	3	M.	70-70-70	1.38-1.50-1.46	1891 N. Y.	190	2	M.	70-70-70	1.50-1.50-1.50

CLARIFIERS, SUGAR.

1884 Br. Guiana	178	(a)	(a)	(a)	e.20- .24- —	1892 Australia	424	(a)	(a)	(a)	.81-1.62- —
1891 France	505	(a)	M.	f77-77-77	.99-1.39- —	1894 France	129	(a)	M.	(a)	.99- .99- .99

CLASP MAKERS.

1894 France	508	(a)	M.	66-66-66	.97-1.16- —						

CLAY GRINDERS.

1830 Ohio	8	4	M.	60-60-60	.75- .75- .75	1871 England	629	(a)	(a)	(a)	.65- .65- .65
1832 Ohio	8	4	M.	60-60-60	.60- .60- .60	1872 Pa	8	2	M.	54-54-54	1.50-1.50-1.50
1839 England	562	(a)	M.	70-70-70	1.70-1.70-1.70	1872 England	185	(a)	M.	63-66 —	.97-1.45- —
1840 Ohio	8	2	M.	60-60-60	.60- .60- .60	1872 England	185	(a)	F.	63-63-63	.48- .48- .48
1845 Ohio	8	2	M.	60-60-60	.70- .70- .70	1874 Pa	380	1	M.	(a)	1.75-1.75-1.75
1849 England	562	(a)	M.	70-70-70	1.70-1.70-1.70	1874 England	569	(a)	M.	(a)	1.50-1.50-1.50
(g) England	561	(a)	M.	(a)	.73-1.46- —	1876 Pa	381	2	M.	(a)	2.00-2.00-2.00
1859 England	562	(a)	M.	70-70-70	2.03-2.03-2.03	1877 Ohio	359	1	M.	(a)	2.50-2.50-2.50
1860 Mass	8	2	M.	72-72-72	1.15-1.15-1.15	1877 England	570	(a)	M.	j48-48-48	.81-1.22- —
(h) England	563	(a)	(a)	(a)	.73-1.22- —	1880 Mass	8	1	M.	60-60-60	1.50-1.50-1.50
1865 Mass	8	1	M.	60-60-60	1.50-1.50-1.50	1880 England	571	(a)	M.	(a)	1.22-1.42- —
1866 England	566	(a)	M.	50-84 —	.65-1.22- —	1882 Mo	294	7	M.	39-60-54	1.00-2.00-1.60
1866 England	566	(a)	F.	48-48-48	.41- .41- .41	1882 Ohio	364	27	M.	k48-72-59	1.25-3.00-1.71
(i) England	567	(a)	M.	66-66-66	.97- .97- .97	1883 England	572	(a)	M.	52-54 —	1.10-1.10-1.10
1870 Mass	8	1	M.	60-60-60	1.00-1.00-1.00	1883 Scotland	572	(a)	M.	50-57 —	.77- .97- —
1870 Germany	610	(a)	M.	72-72-72	.28- .36- —	1884 W. Va	7	19	M.	f9-59-59	1.50-1.67-1.59
1871 England	568	(a)	M.	63-63-63	1.46-1.46-1.46	1884 England	178	(a)	M.	50-50-50	.95-1.09- —
1871 England	568	(a)	F.	63-63-63	.49- .49- .49	1884 Germany	178	(a)	M.	72-72-72	.44- .79- —

a Not reported.
b Not including hours of 11 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 4 persons not reported.
e And lodging.
f Applies to but 2 of the 5 wage quotations.
g Average for 1855–57.
h Average for 1858–60.
i Average for 1867–68.
j Applies to but 2 of the 4 wage quotations.
k Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLAY GRINDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Italy	178	(a) M.	b 60-60-60	0.23-0.39- —
1884 Italy	178	(a) F.	60-60-60	.11- .20- —
1885 N. J	7	11 M.	45-60-54	1.16-2.00-1.56
1886 N. J	325	1 M.	60-60-60	2.67-2.67-2.67
1886 N. Y	7	2 M.	59-59-59	1.63-1.74-1.68
1886 Belgium	456	(a) (a)	(a)	.87- .97- —
1887 Ohio	369	5 M.	60-60-60	1.50-1.50-1.50
1888 N. Y	331	1 M.	59-59-59	1.25-1.25-1.25
1888 Canada	470	(a) M.	58-58-58	1.61-1.61-1.61
1889 Ind	6	2 M.	60-60-60	1.25-1.25-1.25
1890 Ill	6	2 M.	60-60-60	1.50-1.50-1.50
1890 Ind	6	1 M.	(a)	1.35-1.35-1.35
1890 Md	6	1 M.	60-60-60	1.33-1.33-1.33
1890 Mo	6	1 M.	(a)	1.25-1.25-1.25
1890 N. J	6	2 M.	60-60-60	1.25-1.25-1.25
1890 N. Y	333	17 M.	(a)	1.25-2.00-1.71
1890 Ohio	371	3 (a)	60-60-60	3.00-3.00-3.00
1890 Pa	6	1 M.	(a)	1.77-1.77-1.77
1890 Belgium	6	(a) M.	66-66-66	.56- .58- —
1890 Netherl'ds	666	(a) M.	c 60-60-60	.27- .80- —
1891 Kans	245	11 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	333	18 M.	(a)	1.15-2.00-1.68
1891 England	123	(a) (a)	(a)	1.06-1.06-1.06
1891 Italy	638	(a) M.	(a)	0.17-0.30- —
1892 Ohio	373	91 (a)	53-72-57	.50-2.75-1.68
1892 Algeria	505	(a) M.	57-57-57	.58- .58- .58
1892 France	505	(a) M.	d 57-72 —	.34-1.74- —
1893 Mass	8	3 M.	60-60-60	1.50-1.50-1.50
1893 Ohio	374	40 M.	e 36-60-57	1.00-2.00-1.50
1894 Mass	8	11 M.	60-60-60	1.50-2.00-1.55
1894 Ohio	375	160 M.	48-60-56	.85-1.70-1.38
1894 Spain	632	(a) (a)	(a)	.29- .29- .29
1895 Mass	8	13 M.	60-72-63	1.23-2.00-1.55
1895 N. J	7	3 M.	55-55-55	1.50-2.00-1.67
1896 N. Y	7	3 M.	59-59-59	1.25-1.81-1.63
1896 N. Y	8	2 M.	60-60-60	2.00-2.00-2.00
1896 Ohio	377	2 M.	48-48-48	1.50-1.50-1.50
1896 Pa	8	7 M.	54-60-57	1.35-1.60-1.48
1896 W. Va	7	25 M.	59-59-59	1.50-2.00-1.66
1897 Mass	8	2 M.	60-60-60	1.50-1.50-1.50
1897 Pa	8	3 M.	60-60-60	1.50-1.50-1.50
1897 Aust-Hun	437	(a) M.	60-60-60	.47- .49- —
1897 Aust-Hun	437	(a) F.	60-60-60	.20- .24- —
1897 France	511	(a) M.	66-72 —	.48- .48- .48
1898 Netherl'ds	665	(a) M.	60-60-60	.48- .55- —
1899 Belgium	455	(a) (a)	(a)	.43- .53- —

CLAY TRAMPERS.

1884	N. J	323	1	M.	60-60-60	1.25-1.25-1.25	1890	N. Y	6	19	M.	f 60-60-60	1.13-1.50-1.28
1889	Ind	6	6	M.	60-60-60	1.25-1.25-1.25	1890	N. Y	333	1	M.	(a)	1.50-1.50-1.50
1890	Ill	6	4	M.	60-60-60	1.35-1.35-1.35	1890	Ohio	6	8	M.	g 60-60-60	1.00-1.50-1.35
1890	Ind	6	4	M.	(a)	1.44-1.50-1.48	1890	Pa	6	8	M.	(a)	1.50-1.67-1.55
1890	Md	6	2	M.	48-60-54	1.33-1.33-1.33	1890	Belgium	6	(a)	M.	66-66-66	.64- .66- —
1890	Mo	6	1	M.	(a)	1.25-1.25-1.25	1891	N. Y	333	1	M.	(a)	1.50-1.50-1.50
1890	N. J	6	3	M.	60-60-60	1.25-1.25-1.25							

CLAY WORKERS.

1870	Mass	8	1	M.	60-60-60	4.00-4.00-4.00	1892	Mass	8	2	M.	60-60-60	1.25-1.25-1.25
1878	England	177	(a)	M.	(a)	.84- .84- .84	1892	Ohio	373	25	M.	47-59-55	.75-2.00- .92
1881	N. J	320	2	M.	(a)	1.50-1.50-1.50	1893	Mass	8	5	M.	60-60-60	1.25-2.50-1.60
1884	N. J	323	2	M.	54-54-54	1.25-1.25-1.25	1893	Ohio	374	119	M.	54-60-58	1.20-1.75-1.45
1884	Pa	7	3	M.	59-59-59	1.50-1.50-1.50	1894	Mass	8	9	M.	60-60-60	1.50-3.60-1.84
1884	Italy	178	(a)	M.	60-60-60	.10- .20- —	1896	Pa	7	3	M.	59-59-59	1.50-1.50-1.50
1885	N. J	324	2	M.	60-60-60	1.25-1.25-1.25	1896	Pa	394	1	M.	60-60-60	1.66-1.66-1.66
1886	N. J	325	1	M.	60-60-60	1.33-1.33-1.33	1897	Mass	8	1	M.	60-60-60	1.50-1.50-1.50
1888	N. J	326	1	(a)	60-60-60	1.25-1.25-1.25	1897	Aust-Hun	437	(a)	(a)	60-60-60	.68- .81- —
1889	Portugal	691	(a)	(a)	(a)	.30- .35- —	1899	Belgium	455	(a)	(a)	(a)	.34- .39- —

CLEANERS, BOOTS AND SHOES.

1879	Pa	7	1	F.	57-57-57	1.27-1.27-1.27	1886	N. J	325	6	F.	60-60-60	.83-1.50-1.11
1879	Pa	384	3	(a)	60-60-60	.80-1.00- .87	1886	N. Y	7	6	F.	56-60-58	.50-1.00- .74
1883	England	572	(a)	F.	54-54-54	.20- .20- .20	1887	Wis	409	5	(a)	(a)	.74- .74- .74
1884	N. J	7	3	M.	(a)	1.50-1.67-1.61	1889	Canada	471	(a)	M.	49-49-49	1.63-1.63-1.63
1885	Me	7	1	M.	(a)	.90- .90- .90	1890	N. Y	333	2	M.	(a)	2.00-2.00-2.00
1885	N. J	324	1	M.	60-60-60	2.00-2.00-2.00	1891	N. Y	333	8	M.	(a)	1.33-2.00-1.50
1885	N. Y	7	5	F.	53-53-53	1.00-1.41-1.13	1891	N. Y	333	7	F.	(a)	.50- .83- .69
1885	Ohio	7	5	M.	60-60-60	.63- .76- .70	1891	France	505	(a)	F.	60-60-60	.19- .72- —
1886	N. J	325	5	M.	60-60-60	.67-1.50- .83	1892	Me	258	9	F.	(a)	.50-1.17- .70

a Not reported.
b Applies to but 3 of the 5 wage quotations.
c Applies to but 1 of the 4 wage quotations.
d Applies to but 4 of the 5 wage quotations
e Not including hours of 6 persons not reported.
f Not including hours of 12 persons not reported.
g Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLEANERS, BOOTS AND SHOES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Ohio	374	2 F.	42-42-42	0.83-0.83-0.83	1895 Ohio	376	20 F.	b 60-60-60	0.37-0.70-0.54
1894 N. Y.	8	1 M.	60-60-60	1.00-1.00-1.00	1896 N. Y.	7	6 F.	56-60-59	.34-1.00- .58
1894 Ohio	375	27 (a)	60-60-60	.37- .56- .49	1896 Ohio	7	19 M.	60-60-60	.58- .78- .66
1895 Me	7	2 M.	60-60-60	.92-1.00- .96	1896 Ohio	377	24 F.	(a)	.96- .96- .96
1895 Mass	8	9 M.	60-60-60	.50-2.00-1.44	1896 Pa	7	5 F.	59-59-59	.42- .50- .47
1895 N. J	7	6 M.	(a)	1.67-1.75-1.70	1898 N. J	329	9 M.	60-60-60	1.75-1.75-1.75
1895 N. Y.	7	3 F.	50-50-50	.92-1.33-1.14					

CLEANERS, GLASS.

1887 Ill.	3	3 F.	59-59-59	.50- .83- .67	1894 France	129	(a) F.	60-60-60	.29- .58- —
1892 Ohio	373	36 F.	c 58-58-58	.60- .60- .60	1897 Ohio	377	15 F.	60-60-60	.50- .50- .50

CLEANERS, JARS, MEAT PACKING.

1892 Ill.	210	4 F.	60-60-60	.58- .73- .65	....	....	....	....	....	....	....

CLEANERS, LITHOGRAPHING.

1886 Md.	3	2 F.	50-50-50	.42- .44- .43	1887 Ohio	3	4 F.	59-59-59	.50- .67- .56
1887 N. Y.	3	3 F.	53-53-53	.83-1.17- .94	1888 Va	3	3 F.	54-54-54	.50- .67- .57

CLEANERS-OFF, GLASS.

1884 Canada	466	(a) F.	48-48-48	.50- .50- .50	1890 Md.	5	18 M.	(a)	.60- .60- .60
1885 Pa	1	3 M.	60-60-60	1.00-1.00-1.00	1890 Pa	6	6 M.	54-54-54	1.12-1.30-1.22
1885 W. Va	1	6 M.	60-60-60	.80- .80- .80	1892 Ohio	373	32 M.	44-53-50	.70-1.00- .83
1886 Pa	7	8 M.	48-48-48	1.00-1.00-1.00	1896 Pa	7	10 M.	48-48-48	1.00-1.00-1.00
1890 Ind	5	13 M.	(a)	.60- .60- .60					

CLEANERS, PIGS' FEET.

1892 Ill.	210	7 F.	60-60-60	.61-1.92-1.23	1896 Ohio	377	1 M.	60-60-60	1.00-1.00-1.00

CLEANERS, STATION, RAILROAD.

1877 Pa	382	1 F.	35-35-35	.49- .49- .49	1887 Md.	4	3 F.	(a)	.13-1.00- .42
1878 Pa	383	1 F.	70-70-70	.49- .49- .49	1887 N. J	4	3 M.	(a)	1.25-1.50-1.33
1879 Pa	384	6 M.	d 70-70-70	.27-1.10- .41	1887 N. Y.	4	2 M.	(a)	.20- .66- .43
1879 Pa	384	3 F.	(a)	.75- .75- .75	1887 N. Y.	4	13 F.	(a)	.20-1.50- .82
1887 Conn	4	2 M.	(a)	1.25-1.50-1.38	1887 Pa	4	23 M.	(a)	.06¼-1.50- .48
1887 Conn	4	7 F.	(a)	.75-2.00-1.36	1887 Pa	4	21 F.	(a)	.13-1.00- .51
1887 Md.	4	12 M.	(a)	.13-1.04- .88					

a Not reported.
b Not including hours of 10 persons not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLEANERS, TOBACCO.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 W. Va	7	35 F.	60-60-60	0.50-0.50-0.50
1885 Ohio	7	10 M.	(a)	.67- .87- .85
1896 Ohio	7	28 M.	54-54-54	0.84-0.90-0.87
1896 W. Va	7	50 F.	60-60-60	.50- .50- .50

CLEARERS, LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mich	279	180 M.	66-66-66	1.13-2.75-1.59
1891 Mich	191	6 M.	60-60-60	1.38-1.50-1.46
1891 Minn	191	2 M.	60-60-60	2.00-2.00-2.00
1891 Wis	411	2 M.	(a)	1.42-1.42-1.42
1891 Canada	191	(a) M.	66-66-66	1.34-1.50- —
1892 Mich	191	6 M.	60-60-60	1.38-1.50-1.46
1892 Minn	191	2 M.	60-60-60	2.00-2.00-2.00
1892 Canada	191	(a) M.	66-66-66	1.34-1.50- —
1893 Mich	191	6 M.	60-60-60	1.38-1.50-1.46
1893 Minn	191	2 M.	60-60-60	2.00-2.00-2.00
1893 Wis	412	2 M.	(a)	1.42-1.42-1.42
1893 Canada	191	(a) M.	66-66-66	1.34-1.50- —
1894 Mich	191	6 M.	60-60-60	1.25-1.38-1.35
1894 Minn	191	4 M.	60-60-60	1.25-1.40-1.33
1894 Canada	191	(a) M.	66-66-66	1.25-1.50- —
1895 Mich	191	6 M.	60-60-60	1.25-1.38-1.33
1895 Minn	191	7 M.	60-60-60	1.25-1.50-1.33
1895 Canada	191	(a) M.	60-60-60	1.25-1.50- —
1896 Mich	191	6 M.	60-60-60	1.25-1.38-1.33
1896 Minn	191	10 M.	60-60-60	1.25-1.75-1.61
1896 Canada	191	(a) M.	60-60-60	.90-1.50- —

CLEARERS, THREAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England	629	(a) F.	60-60-60	.28- .34- —

CLEATERS, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Pa	4	11 M.	(a)	.96-1.15- .99
1892 Mich	284	6 M.	(a)	2.82-2.82-2.82

CLERKS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1843 N. Y	190	1 M.	75-75-75	1.28-1.28-1.28
1844 N. Y	190	1 M.	75-75-75	1.28-1.28-1.28
1845 N. Y	190	1 M.	75-75-75	1.28-1.28-1.28
1846 N. Y	190	1 M.	75-75-75	1.28-1.28-1.28
1847 N. Y	190	1 M.	75-75-75	1.28-1.28-1.28
1848 N. Y	190	1 M.	75-75-75	1.44-1.44-1.44
1849 N. Y	190	1 M.	75-75-75	1.44-1.44-1.44
1850 N. Y	190	1 M.	75-75-75	1.60-1.60-1.60
1850 Germany	76	(a) M.	(a)	.41-1.37- —
1851 N. Y	190	1 M.	75-75-75	1.76-1.76-1.76
1852 N. Y	190	1 M.	75-75-75	1.76-1.76-1.76
1852 Pa	190	13 M.	54-60-54	1.00-2.57-1.75
1853 N. Y	190	2 M.	75-75-75	1.15-1.92-1.54
1853 N. Y	190	1 (a)	(a)	1.17-1.17-1.17
1853 Pa	190	17 M.	54-60-54	1.17-2.57-1.75
1854 N. Y	190	2 M.	75-75-75	1.15-2.24-1.70
1854 N. Y	190	1 (a)	(a)	1.33-1.33-1.33
1854 Pa	190	12 M.	54-60-55	1.17-3.21-1.88
1855 N. Y	190	3 M.	60-75-70	1.34-2.40-1.78
1855 N. Y	190	1 (a)	(a)	1.50-1.50-1.50
1855 Pa	190	16 M.	b 54-60-54	1.00-3.85-1.94
1855 Ireland	561	(a) (a)	(a)	.24- .97- —
1856 N. Y	190	4 M.	60-75-68	1.07-2.40-1.60
1856 N. Y	190	1 (a)	(a)	1.50-1.50-1.50
1856 Pa	190	15 M.	b 54-60-54	1.34-3.85-1.99
1856 Ireland	561	(a) (a)	(a)	.37- .97- —
1857 N. Y	190	6 M.	60-75-65	.96-2.24-1.62
1857 N. Y	190	1 (a)	(a)	2.00-2.00-2.00
1857 Pa	190	14 M.	b 54-60-54	1.00-3.21-1.90
1857 Pa	384	1 M.	(a)	1.25-1.25-1.25
1857 Ireland	561	(a) (a)	(a)	.37-1.60- —
1858 N. Y	190	3 M.	60-75-70	1.34-2.40-1.69
1858 N. Y	190	1 (a)	(a)	2.00-2.00-2.00
1858 Pa	190	13 M.	b 54-60-55	1.00-3.21-1.93
(c) Ireland	562	(a) M.	(a)	.37-1.60- —
1859 N. Y	190	6 M.	60-75-65	.96-2.56-1.60
1859 N. Y	190	3 (a)	(a)	1.67-2.00-1.89
1859 Pa	190	14 M.	b 54-54-54	1.29-3.21-2.04
1860 N. Y	190	8 M.	60-60-60	1.11-2.56-1.58
1860 N. Y	190	3 (a)	(a)	2.00-2.00-2.00
1860 Pa	190	17 M.	b 54-60-54	.84-2.92-1.83
1860 Germany	76	(a) M.	(a)	.80-1.60- —
1860 Russia	609	(a) (a)	(a)	.65- .65- .65
1861 N. Y	190	9 M.	60-60-60	1.28-4.47-2.22
1861 N. Y	190	3 (a)	(a)	2.00-2.00-2.00
1861 Pa	190	16 M.	b 54-60-54	.75-2.32-1.55
1862 N. Y	190	6 M.	60-60-60	1.28-2.88-1.87
1862 N. Y	190	2 (a)	(a)	2.00-2.00-2.00
1862 Pa	190	22 M.	b 54-60-56	.83-2.92-1.69
1863 N. Y	190	15 M.	60-60-60	.58-2.56-1.57
1863 N. Y	190	2 (a)	(a)	2.00-2.67-2.33
1863 Pa	190	18 M.	54-60-56	.83-2.92-1.74
1863 Pa	384	1 M.	(a)	1.25-1.25-1.25
1863 England	565	(a) F.	(a)	.61-2.03- —
1864 N. Y	190	16 M.	60-60-60	1.13-3.51-1.84
1864 N. Y	190	2 (a)	(a)	1.67-2.67-2.17
1864 Pa	190	17 M.	54-60-55	.83-2.92-1.94
1865 N. Y	190	7 M.	60-60-60	1.50-3.19-2.23
1865 N. Y	190	3 (a)	(a)	1.08-2.00-1.58
1865 Pa	190	22 M.	54-60-55	1.34-3.56-1.98

a Not reported. b Not including hours of 1 person not reported. c Average for 1857–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1866 N. Y	190	10 M.	60-60-60	1.47-4.47-2.38
1866 N. Y	190	2 (a)	(a)	1.08-1.67-1.38
1866 Pa	190	26 M.	54-60-55	1.33-3.57-2.11
1866 England	566	(a) (a)	(a)	1.55-3.11- —
1867 Mass	7	1 M.	60-60-60	.80- .80- .80
1867 N. Y	190	13 M.	60-60-60	1.50-3.19-2.22
1867 N. Y	190	2 (a)	(a)	1.33-1.67-1.50
1867 Pa	190	21 M.	54-54-54	1.50-3.21-2.26
1868 N. Y	190	7 M.	60-60-60	1.92-3.19-2.46
1868 N. Y	190	2 (a)	(a)	1.67-1.67-1.67
1868 Pa	7	1 M.	62-62-62	1.60-1.60-1.60
1868 Pa	190	21 M.	54-54-54	1.50-3.21-2.29
1869 N. Y	190	6 M.	60-60-60	1.82-3.19-2.48
1869 N. Y	190	3 (a)	(a)	1.67-3.00-2.11
1869 Pa	190	25 M.	54-60-55	1.50-3.21-2.19
1869 Russia	185	(a) (a)	(a)	.25- .74- —
1870 N. Y	7	3 F.	b 60-60-60	1.00-1.67-1.31
1870 N. Y	190	6 M.	60-60-60	1.82-3.51-2.58
1870 N. Y	190	3 (a)	(a)	1.67-3.17-2.12
1870 Pa	190	30 M.	54-60-55	1.50-3.34-2.24
1870 England	177	(a) M.	(a)	.20-1.40- —
1870 Norway	185	(a) (a)	(a)	.54-1.03- —
1870 Norway	610	(a) M.	(a)	.50-1.66- —
1871 Mass	267	56 M.	c 53-60-58	1.67-5.00-2.82
1871 N. Y	190	9 M.	60-60-60	.96-2.88-2.01
1871 N. Y	190	5 (a)	(a)	1.67-3.33-2.33
1871 Pa	190	24 M.	54-60-54	1.50-3.50-2.36
1871 Pa	384	1 M.	(a)	1.33-1.33-1.33
1871 England	629	(a) (a)	d 60-60-60	.81- .81- .81
1872 Conn	190	2 M.	60-60-60	.75-1.67-1.21
1872 Del	190	1 M.	60-60-60	3.00-3.00-3.00
1872 N. Y	190	12 M.	60-60-60	.96-3.51-2.06
1872 N. Y	190	4 (a)	(a)	1.67-3.33-2.63
1872 Pa	190	26 M.	54-60-55	1.34-3.50-2.30
1872 England	185	(a) M.	(a)	1.01-1.01-1.01
1872 Germany	138	(a) M.	(a)	1.03-2.51- —
1873 Conn	190	2 M.	60-60-60	1.00-1.67-1.34
1873 Del	190	1 M.	60-60-60	3.00-3.00-3.00
1873 N. Y	190	11 M.	60-60-60	1.15-3.51-2.15
1873 N. Y	190	5 (a)	(a)	1.67-3.83-2.67
1873 Pa	190	24 M.	54-60-54	1.67-3.84-2.48
1873 Pa	379	6 M.	(a)	3.00-4.00-3.50
1874 Conn	190	2 M.	60-60-60	1.00-1.67-1.34
1874 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1874 Ill	185	411 M.	(a)	1.55-3.19-2.37
1874 Ind	185	34 M.	(a)	1.04-2.88-1.93
1874 Iowa	185	5 M.	(a)	2.40-2.40-2.40
1874 N. Y	190	12 M.	b 60-60-60	1.38-2.88-2.00
1874 N. Y	190	3 (a)	(a)	2.83-3.83-3.22
1874 Ohio	185	404 M.	(a)	2.27-2.27-2.27
1874 Pa	190	22 M.	54-60-55	1.00-3.84-2.58
1874 Pa	380	24 M.	(a)	1.00-4.00-2.42
1875 Conn	190	1 M.	60-60-60	1.17-1.17-1.17
1875 Del	190	2 M.	60-60-60	2.50-3.33-2.92
1875 N. Y	7	7 M.	54-57-55	2.08-3.33-2.56
1875 N. Y	7	1 F.	(a)	1.67-1.67-1.67
1875 N. Y	190	11 M.	b 60-60-60	1.38-4.79-2.38
1875 N. Y	190	3 (a)	(a)	2.83-3.83-3.22
1875 Pa	190	25 M.	54-60-54	1.67-3.84-2.58
1875 Pa	380	1229 M.	(a)	.73-3.21-1.95
1875 Pa	380	4 (a)	(a)	.50- .60- .55
1876 Del	190	2 M.	60-60-60	2.50-3.33-2.92
1876 N. Y	190	10 M.	b 60-60-60	1.38-2.88-2.16
1876 N. Y	190	4 (a)	(a)	1.33-3.83-2.75
1876 Pa	190	23 M.	54-60-54	1.17-4.67-2.68
1876 Pa	381	1074 M.	d 48-72-51	.69-5.00-2.09
1876 Pa	381	3 M.	(a)	e 1.53-1.53-1.53
1876 Germany	177	(a) M.	(a)	.46- .46- .46
1877 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1877 Del	190	2 M.	60-60-60	2.50-3.33-2.92
1877 Ind	359	2 M.	(a)	2.33-2.33-2.33
1877 N. J	317	2 M.	(a)	2.11-2.11-2.11
1877 N. Y	190	10 M.	b 60-60-60	.96-4.79-2.20
1877 N. Y	190	4 (a)	(a)	1.50-3.83-2.83
1877 Ohio	359	62 M.	(a)	1.25-5.74-3.14
1877 Pa	190	26 M.	54-60-55	.83-4.67-2.53
1877 Pa	382	453 M.	f 48-60-52	1.07-4.31-2.17
1877 Germany	177	(a) (a)	(a)	.41- .45- —
1878 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1878 Del	190	2 M.	60-60-60	2.50-3.33-2.92
1878 Ga	7	1 M.	66-66-66	1.00-1.00-1.00
1878 N. Y	190	8 M.	b 60-60-60	1.38-4.47-2.29
1878 N. Y	190	4 (a)	(a)	1.50-3.33-2.79
1878 Ohio	360	13 M.	(a)	1.50-2.50-1.73
1878 Pa	190	26 M.	54-60-55	.83-4.67-2.49
1878 Pa	383	230 M.	g 48-72-54	.96-3.00-2.30
1878 Pa	383	1 F.	(a)	1.53-1.53-1.53
1878 Canada	177	(a) M.	(a)	.96-1.53- —
1878 England	177	(a) M.	(a)	.20-1.60- —
1878 France	177	(a) M.	(a)	.58-1.15- —
1878 France	177	(a) (a)	(a)	.56-1.11- —
1878 Germany	177	(a) M.	(a)	.39-1.58- —
1879 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1879 Del	190	2 M.	60-60-60	2.50-3.33-2.92
1879 Mo	293	22 (a)	60-60-60	1.30-1.30-1.30
1879 N. J	7	7 M.	(a)	1.50-2.50-2.00
1879 N. Y	190	10 M.	h 60-60-60	1.15-4.47-2.20
1879 N. Y	190	4 (a)	(a)	1.00-3.33-2.67
1879 Pa	7	1 M.	57-57-57	.83- .83- .83
1879 Pa	190	26 M.	54-60-55	.67-4.67-2.43
1879 Pa	384	510 M.	i 60-60-60	.62-3.49-2.10
1880 Conn	7	1 M.	60-60-60	3.52-3.52-3.52
1880 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1880 Del	190	2 M.	60-60-60	2.67-3.67-3.17
1880 Ga	7	5 M.	51-66-57	.83-2.67-2.03
1880 Ill	205	207 M.	j 48-60-53	1.00-3.19-2.12
1880 Mass	7	10 M.	36-36-36	.42-2.50-1.34
1880 Mass	7	12 F.	36-36-36	1.17-2.83-1.38
1880 Mich	7	1 M.	(a)	1.50-1.50-1.50
1880 Mo	7	1 M.	(a)	1.33-1.33-1.33
1880 N. Y	7	25 M.	k 51-60-55	.83-3.33-1.89
1880 N. Y	7	4 F.	51-51-51	1.50-2.50-1.79
1880 N. Y	190	16 M.	l 60-60-60	.69-4.47-2.29
1880 N. Y	190	4 (a)	(a)	1.17-3.67-2.50
1880 Ohio	3	1 F.	(a)	.50- .50- .50
1880 Pa	7	17 M.	b 50-60-58	1.17-3.33-2.02
1880 Pa	7	1 F.	60-60-60	.83- .83- .83
1880 Pa	190	27 M.	54-60-55	.50-4.67-2.42
1880 R. I	7	2 F.	58-58-58	1.00-1.33-1.17
1880 S. C	7	3 M.	(a)	.83-2.50-1.56
1880 W. Va	7	1 M.	60-60-60	2.00-2.00-2.00
1881 Conn	190	1 M.	60-60-60	1.59-1.59-1.59
1881 Del	190	2 M.	60-60-60	2.67-3.67-3.17
1881 Mass	4	1 M.	(a)	1.80-1.80-1.80
1881 N. Y	190	14 M.	l 60-60-60	.61-3.83-2.11
1881 N. Y	190	4 (a)	(a)	1.17-3.67-2.50
1881 Ohio	7	1 M.	60-60-60	1.00-1.00-1.00
1881 Pa	190	28 M.	54-60-55	.67-4.67-2.43
1881 R. I	7	4 M.	66-66-66	.67-2.75-1.34

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 49 persons not reported.
d Not including hours of 883 persons not reported.
e And board.
f Not including hours of 129 persons not reported.
g Not including hours of 58 persons not reported.
h Not including hours of 2 persons not reported.
i Not including hours of 493 persons not reported.
j Not including hours of 189 persons not reported.
k Not including hours of 4 persons not reported.
l Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1882 Del	190	2 M.	60-60-60	2.67-3.67-3.17
1882 Ga	7	1 M.	72-72-72	1.50-1.50-1.50
1882 Ill	7	2 M.	51-51-51	1.67-2.00-1.84
1882 Ill	206	1925 M.	(a)	1.48-2.88-2.21
1882 Mass	7	2 M.	59-59-59	1.00-1.33-1.17
1882 Mo	7	1 M.	59-59-59	2.50-2.50-2.50
1882 Mo	294	2 M.	b 60-60-60	2.49-2.49-2.49
1882 N. H	7	1 M.	66-66-66	1.05-1.05-1.05
1882 N. H	7	1 F.	60-60-60	1.20-1.20-1.20
1882 N. J	7	1 F.	60-60-60	1.00-1.00-1.00
1882 N. Y	7	1 M.	60-60-60	1.17-1.17-1.17
1882 N. Y	7	2 F.	(a)	1.67-1.67-1.67
1882 N. Y	190	11 M.	c 60-60-60	1.15-4.79-2.40
1882 N. Y	190	4 (a)	(a)	1.00-3.50-2.29
1882 N. C	7	1 M.	60-60-60	.50- .50- .50
1882 Ohio	7	1 M.	60-60-60	1.17-1.17-1.17
1882 Ohio	7	1 F.	54-54-54	1.00-1.00-1.00
1882 Ohio	364	274 (a)	(a)	.38-3.83-2.17
1882 Pa	7	6 M.	b 52-60-57	.75-2.00-1.50
1882 Pa	190	31 M.	54-60-55	.67-4.84-2.33
1882 R. I	7	1 M.	60-60-60	2.00-2.00-2.00
1882 R. I	7	1 F.	60-60-60	1.67-1.67-1.67
1882 S. C	7	1 M.	69-69-69	.83- .83- .83
1882 Wis	7	1 M.	57-57-57	1.75-1.75-1.75
1882 Italy	633	(a) M.	54-54-54	.39-1.25- —
1883 Conn	190	1 M.	60-60-60	2.17-2.17-2.17
1883 Del	190	2 M.	60-60-60	2.67-3.67-3.17
1883 Ga	7	1 M.	69-69-69	1.00-1.00-1.00
1883 Mass	7	2 M.	(a)	2.00-2.00-2.00
1883 Mich	277	6 M.	(a)	1.50-6.00-2.54
1883 Mo	7	1 M.	59-59-59	2.00-2.00-2.00
1883 N. J	7	3 M.	59-75-64	1.50-2.08-1.75
1883 N. J	322	45 M.	d 60-72-64	1.34-2.75-1.93
1883 N. Y	190	14 M.	e 60-60-60	1.50-4.79-2.61
1883 N. Y	190	3 (a)	(a)	1.67-3.50-2.72
1883 Ohio	7	2 M.	60-60-60	2.00-2.00-2.00
1883 Ohio	365	4 M.	b 60-84-74	1.17-3.21-1.87
1883 Pa	7	1 F.	(a)	.83- .83- .83
1883 Pa	190	25 M.	54-60-54	1.34-5.00-2.66
1883 W. Va	7	1 M.	60-60-60	1.00-1.00-1.00
1883 Italy	633	(a) M.	60-60-60	.48-1.64- —
1883 Russia	44	(a) (a)	60-60-60	1.34-1.53- —
1884 Cal	192	251 M.	f 36-54-42	1.92-7.67-4.04
1884 Conn	190	1 M.	60-60-60	2.25-2.25-2.25
1884 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1884 Fla	7	1 M.	60-60-60	2.00-2.00-2.00
1884 Ga	7	4 M.	53-70-61	1.67-2.08-1.56
1884 Ga	7	1 F.	54-54-54	1.25-1.25-1.25
1884 Ind	7	1 M.	(a)	2.50-2.50-2.50
1884 Iowa	231	414 M.	(a)	1.34-2.30-2.09
1884 Iowa	231	787 (a)	g 57-63-61	1.34-2.88-1.90
1884 Ky	7	1 M.	59-59-59	1.00-1.00-1.00
1884 La	7	2 M.	63-63-63	1.25-1.67-1.46
1884 Mich	278	40 M.	(a)	.75-4.00-1.81
1884 Mich	278	1 F.	(a)	2.00-2.00-2.00
1884 Mo	7	3 M.	b 60-60-60	2.00-2.50-2.33
1884 Mo	295	59 M.	h 60-60-60	1.82-2.75-1.84
1884 Mo	295	45 (a)	(a)	2.27-2.27-2.27
1884 N. J	7	6 M.	e 56-60-59	1.50-2.67-1.92
1884 N. J	323	64 M.	i 60-66-62	1.34-2.30-1.79
1884 N. Y	190	12 M.	e 60-60-60	1.50-4.47-2.57
1884 N. Y	190	5 (a)	(a)	1.00-3.83-2.48
1884 Ohio	7	1 M.	54-54-54	1.67-1.67-1.67
1884 Ohio	7	1 F.	51-51-51	1.67-1.67-1.67
1884 Pa	7	25 M.	b 54-60-59	.83-2.50-1.69
1884 Pa	7	1 F.	60-60-60	1.25-1.25-1.25
1884 Pa	190	27 M.	54-60-55	.67-5.00-2.59
1884 Pa	388	239 M.	(a)	1.78-1.78-1.78
1884 Pa	388	2319 (a)	(a)	1.73-1.73-1.73
1884 R. I	7	5 M.	57-60-58	.83-1.94-1.32
1884 Tenn	7	2 M.	59-66-63	1.00-2.33-1.67
1884 Tenn	7	2 F.	59-59-59	.83-1.33-1.08
1884 Va	7	3 M.	55-55-55	2.00-2.33-2.11
1884 W. Va	7	2 M.	60-60-60	1.25-1.67-1.46
1884 Wis	407	57 M.	(a)	1.87-2.11-2.06
1884 Aust-Hun	178	(a) M.	60-60-60	2.08-2.08-2.08
1884 Aust-Hun	178	(a) M.	(a)	j .77-1.28- —
1884 Aust-Hun	178	(a) (a)	(a)	.42-1.00- —
1884 Belgium	178	(a) M.	k 60-60-60	.55-1.25- —
1884 Brazil	178	(a) M.	k 48-48-48	.63-5.75- —
1884 Canada	178	(a) (a)	l 60-60-60	.67-3.19- —
1884 Canada	466	(a) M	60-60-60	1.60-2.20- —
1884 Canada	466	(a) M.	72-72-72	(m)
1884 C.of G'd H.	178	(a) (a)	50-50-50	1.33-2.67- —
1884 Colombia	178	(a) (a)	n 60-60-60	1.24-2.69- —
1884 Cuba	178	(a) (a)	(a)	1.79-3.57- —
1884 England	178	(a) M.	l 56-56-56	.23-2.40- —
1884 France	178	(a) M.	(a)	.74-2.88- —
1884 Germany	178	(a) M.	o 48-72 —	.46-4.00- —
1884 Italy	178	(a) M.	(a)	.44-1.34- —
1884 Malta	178	(a) M.	(a)	.81- .81- .81
1884 Mexico	178	(a) (a)	(a)	2.50-5.00- —
1884 Netherl'ds	178	(a) M.	(a)	.26-1.92- —
1884 Russia	178	(a) M.	(a)	.82-1.44- —
1884 Scotland	178	(a) M.	51-60 —	.67 1.53- —
1884 Spain	178	(a) M.	p 60-70 —	.40-1.50- —
1884 Switzerl'd	178	(a) M.	q 65-65-65	.44-2.96- —
1884 Turk in A.	178	(a) (a)	54-54-54	.67-3.17- —
1884 Venezuela	178	(a) (a)	(a)	2.95-2.95-2.95
1884 Wales	178	(a) M.	(a)	.57- .85- —
1885 Conn	7	45 M.	c 42-60-45	.48-4.81-2.04
1885 Conn	7	6 F.	42-65-52	.42-1.92-1.25
1885 Conn	190	1 M.	60-60-60	2.25-2.25-2.25
1885 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1885 Ga	7	6 M.	b 59-66-60	1.00-2.33-1.83
1885 Ill	7	14 M.	c 54-60-58	.67-3.00-2.50
1885 Iowa	7	2 M.	63-63-63	1.17-1.83-1.50
1885 Iowa	7	1 F.	60-60-60	.75- .75- .75
1885 Kans	239	475 (a)	(a)	1.96-2.47-2.15
1885 La	7	2 M.	60-60-60	2.50-3.00-2.75
1885 Me	7	4 M.	e 60-60-60	1.25-2.00-1.65
1885 Me	7	11 F.	60-60-60	.75-1.00- .98
1885 Md	7	13 M.	r 51-60-56	.83-3.33-2.09
1885 Md	7	1 F.	(a)	.83- .83- .83
1885 Mass	7	25 M.	42-60-56	.58-4.17-1.80
1885 Mass	7	45 F.	42-60-53	.50-2.00-1.23
1885 Mich	7	1 M.	60-60-60	1.25-1.25-1.25
1885 Mich	279	1056 (a)	(a)	.38-5.75-2.03
1885 Minn	7	2 M.	b 60-60-60	2.50-2.50-2.50
1885 Mo	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Mo	296	67 (a)	s 60-60-60	1.67-2.25-2.23

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 19 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 229 persons not reported.
g Not including hours of 675 persons not reported.
h Not including hours of 58 persons not reported.
i Not including hours of 9 persons not reported.
j And rent.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 8 of the 26 wage quotations.
m $1.11-$1.11-$1.11, and board.
n Applies to but 1 of the 2 wage quotations.
o Applies to but 28 of the 53 wage quotations.
p Applies to but 10 of the 21 wage quotations.
q Applies to but 2 of the 21 wage quotations.
r Not including hours of 5 persons not reported.
s Not including hours of 66 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. H	7	1 M.	59-59-59	1.50-1.50-1.50
1885 N. J	7	12 M.	a50-60-58	.83-2.17-1.61
1885 N. J	7	3 F.	55-55-55	.75- .83- .78
1885 N. J	324	1 M.	57-57-57	2.11-2.11-2.11
1885 N. Y	7	121 M.	b42-60-55	.50-4.17-1.34
1885 N. Y	7	64 F.	c45-60-55	.42-1.67-1.06
1885 N. Y	190	9 M.	d60-60-60	1.50-4.47-2.55
1885 N. Y	190	3 (e)	(e)	2.00-3.83-2.75
1885 Ohio	7	2 M.	(e)	1.50-1.83-1.67
1885 Pa	7	2 M.	60-60-60	1.50-2.50-2.00
1885 Pa	190	29 M.	54-60-55	.67-5.00-2.55
1885 Pa	389	3444 (e)	(e)	1.96-2.11-2.10
1885 S. C	7	3 M.	d59-59-59	.83-1.33-1.00
1885 Va	7	3 M.	(e)	1.67-2.50-2.06
1885 Wis	7	11 M.	59-60-60	.67-3.00-2.12
1885 Canada	467	(e) M.	74-74-74	1.20-1.20-1.20
1886 Cal	193	143 M.	f36-60-48	2.00-7.50-3.84
1886 Cal	193	3 M.	48-48-48	g5.00-5.00-5.00
1886 Conn	190	1 M.	60-60-60	2.25-2.25-2.25
1886 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1886 Fla	7	1 M.	(e)	2.67-2.67-2.67
1886 Ill	7	47 M.	h54-60-56	.67-4.17-2.10
1886 Ill	7	18 F.	53-60-55	1.00-2.00-1.15
1886 Ill	208	1 (e)	48-48-48	2.50-2.50-2.50
1886 Iowa	7	4 M.	60-60-60	1.00-1.67-1.38
1886 Iowa	7	2 F.	(e)	.50- .83- .67
1886 Iowa	232	541 M.	i60-77-64	1.00-3.25-1.94
1886 Kans	240	635 M.	j60-60-60	1.25-2.85-2.30
1886 Md	3	4 F.	46-56-53	.88-1.17- .97
1886 Md	7	1 M.	60-60-60	1.67-1.67-1.67
1886 Mich	7	7 M.	d57-60-59	1.50-2.00-1.86
1886 Mich	7	1 F.	(e)	.50- .50- .50
1886 Minn	7	1 M.	60-60-60	1.25-1.25-1.25
1886 N. J	325	8 M.	60-60-60	1.58-2.67-1.78
1886 N. Y	3	7 F.	47-60-55	.33-1.83- .77
1886 N. Y	7	21 M.	k59-60-60	.58-3.00-1.67
1886 N. Y	7	86 F.	54-60-56	.50-1.50- .86
1886 N. Y	190	11 M.	d60-60-60	1.00-4.47-2.51
1886 N. Y	190	2 (e)	(e)	2.50-4.17-3.34
1886 Ohio	3	1 F.	(e)	.50- .50- .50
1886 Pa	3	9 F.	53-60-56	.44-1.67- .93
1886 Pa	7	22 M.	l54-60-59	.50-2.00-1.24
1886 Pa	7	9 F.	d54-60-56	1.00-1.33-1.13
1886 Pa	190	31 M.	54-60-54	1.00-5.00-2.47
1886 R. I	7	5 M.	60-60-60	1.58-2.56-2.23
1886 R. I	7	1 F.	60-60-60	1.17-1.17-1.17
1886 Argentina	57	(e) (e)	(e)	1.15-3.07- —
1886 Argentina	57	(e) (e)	(e)	m1.92-1.92-1.92
1886 Canada	468	(e) M.	72-72-72	g1.28-1.29- —
1886 England	67	(e) M.	(e)	.91- .91- .91
1886 France	66	(e) (e)	(e)	1.23-1.23-1.23
1886 Germany	76	(e) M.	(e)	.91-1.94- —
1886 Gr't Brit	604	(e) M.	(e)	o .56-1.31- —
1886 Italy	633	(e) M.	48-66 —	.31-2.32- —
1887 Conn	4	245 M.	(e)	.32-5.75-1.98
1887 Conn	4	1 F.	(e)	1.34-1.34-1.34
1887 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1887 Conn	202	5 M.	(e)	1.84-2.50-2.09
1887 Del	4	25 M.	(e)	.19-2.49-1.45
1887 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1887 Fla	4	106 M.	(e)	0.58-4.79-2.33
1887 Ill	3	5 F.	47-59-51	.67-1.67-1.07
1887 Ill	298	228 (e)	(e)	2.23-2.23-2.23
1887 Kans	241	1 M.	(p)	1.28-1.28-1.28
1887 Ky	3	1 F.	54-54-54	.83- .83- .83
1887 La	3	1 F.	60-60-60	1.17-1.17-1.17
1887 Md	4	868 M.	(e)	.38-5.56-1.81
1887 Md	4	12 F.	(e)	.96-1.53-1.22
1887 Mass	3	1 F.	53-53-53	.58- .58- .58
1887 Mass	4	894 M.	(e)	.38-6.40-1.96
1887 Mass	4	15 F.	(e)	.96-2.00-1.19
1887 Mich	4	430 M.	q60-60-60	.38-4.79-1.76
1887 Minn	3	1 F.	56-56-56	1.00-1.00-1.00
1887 Mo	3	1 F.	62-62-62	1.00-1.00-1.00
1887 Mo	4	1271 M.	(e)	.38-7.67-2.31
1887 Mo	297	17 (e)	k54-72-57	1.00-3.00-2.65
1887 Mo	298	782 (e)	(e)	1.54-2.64-2.49
1887 Nebr	312	189 M.	54-60-59	.58-5.75-2.40
1887 Nebr	312	5 F.	60-60-60	.77-2.88-1.99
1887 Nebr	312	44 (e)	r60-60-60	1.50-6.71-2.96
1887 N. J	4	456 M.	(e)	.19-4.79-1.89
1887 N. J	4	1 F.	(e)	1.15-1.15-1.15
1887 N. Y	3	15 F.	50-60-55	.25-2.77-1.12
1887 N. Y	4	1235 M.	(e)	.19-7.67-1.97
1887 N. Y	4	6 F.	(e)	.77-1.53- .96
1887 N. Y	7	1 F.	(e)	1.33-1.33-1.33
1887 N. Y	190	18 M.	d60-60-60	1.00-4.47-2.43
1887 N. Y	190	3 (e)	(e)	1.33-2.83-1.89
1887 N. C	342	159 (e)	(e)	1.25-2.49-1.90
1887 Ohio	3	3 F.	47-58-54	.67- .75- .70
1887 Ohio	369	6 M.	54-60-59	.60-2.00-1.52
1887 Oregon	4	231 M.	(e)	.77-5.75-2.64
1887 Pa	3	1 F.	66-66-66	.88- .88- .88
1887 Pa	4	1805 M.	(e)	.19-6.71-1.88
1887 Pa	4	5 F.	(e)	.96-1.34-1.19
1887 Pa	190	34 M.	54-60-55	.50-5.00-2.40
1887 Pa	190	1 F.	54-54-54	1.35-1.35-1.35
1887 R. I	4	34 M.	(e)	.58-3.45-1.80
1887 R. I	4	1 F.	(e)	.38- .38- .38
1887 Va	4	53 M.	(e)	.46-4.22-1.83
1887 W. Va	4	6 M.	(e)	1.15-2.30-1.63
1887 Wis	4	241 M.	(e)	.58-5.75-2.14
1887 Wis	4	18 F.	(e)	.58-2.49-1.41
1887 Wis	409	11 (e)	(e)	1.15-1.15-1.15
1888 Cal	194	1 F.	61-61-61	1.50-1.50-1.50
1888 Colo	198	348 M.	(e)	2.42-2.94-2.66
1888 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1888 Del	190	1 M.	60-60-60	4.80-4.80-4.80
1888 Ga	3	6 F.	d48-54-50	.54-1.14- .90
1888 Ind	3	1 F.	54-54-54	1.17-1.17-1.17
1888 Ind	225	4004 M.	s48-60-57	1.30-4.68-2.10
1888 Iowa	233	1491 M.	(e)	1.34-2.88-2.16
1888 Kans	242	734 (e)	t60-72-64	1.15-3.26-2.13
1888 Me	254	1 M.	72-72-72	1.66-1.66-1.66
1888 Me	254	10 F.	60-60-60	.83-1.00- .85
1888 Mich	280	18 M.	48-60-59	1.34-6.39-2.64
1888 Mo	298	1350 (e)	(e)	.39-2.88-2.43
1888 N. J	326	40 M.	(u)	1.66-2.08-2.04
1888 N. Y	6	1 M.	(e)	2.49-2.49-2.49
1888 N. Y	7	7 M.	48-48-48	1.00-2.75-1.51

a Not including hours of 4 persons not reported.
b Not including hours of 18 persons not reported.
c Not including hours of 21 persons not reported.
d Not including hours of 2 persons not reported.
e Not reported.
f Not including hours of 11 persons not reported.
g And board.
h Not including hours of 10 persons not reported.
i Not including hours of 525 persons not reported.
j Not including hours of 633 persons not reported.
k Not including hours of 3 persons not reported.
l Not including hours of 5 persons not reported.
m And house.
n And food.
o 105-105-105 hours.
p Not including hours of 423 persons not reported.
q Not including hours of 30 persons not reported.
r Not including hours of 756 persons not reported.
s Not including hours of 731 persons not reported.
t Not including hours of 38 persons not reported.
u 60-112-86 hours; not including hours of 38 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	190	18 M.	a60-60-60	0.58-4.47-2.32
1888 N. Y.	190	4 (b)	(b)	1.00-3.33-1.71
1888 N. Y.	331	163 M.	c48-87-59	.50-4.17-1.98
1888 N. Y.	331	14 F.	(b)	.96- .96- .96
1888 Ohio	370	30 M.	d48-72-56	.67-3.45-1.97
1888 Pa	190	33 M.	54-60-55	.67-5.00-2.40
1888 Pa	190	1 F.	54-54-54	1.35-1.35-1.35
1888 Va	5	1 M.	(b)	4.79-4.79-4.79
1888 Australia	432	(b) M.	(b)	.78-6.37- —
1888 Canada	470	(b) M.	20-42 —	.28- .96- —
1889 Ala.	5	2 M.	60-60-60	2.88-3.83-3.36
1889 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1889 Del.	190	1 M.	60-60-60	4.80-4.80-4.80
1889 Ga	5	1 M.	(b)	1.00-1.00-1.00
1889 Ill.	5	1 M.	72-72-72	2.30-2.30-2.30
1889 Ind	189	4 M.	(b)	1.00-2.00-1.50
1889 Ind	226	4271 (b)	e48-60-56	1.00-2.87-1.79
1889 Iowa	233	1078 M.	(b)	1.44-2.57-2.22
1889 Kans.	243	634 M.	f60-72-60	.83-4.50-2.29
1889 Kans.	243	2 F.	60-60-60	1.66-1.66-1.66
1889 Mass	4	1 M.	(b)	2.70-2.70-2.70
1889 Mich.	5	2 M.	(b)	2.24-2.30-2.27
1889 Mich.	281	19 M.	60-60-60	1.10-2.75-1.79
1889 Minn	5	7 M.	60-60-60	1.92-2.11-1.95
1889 N. H	6	3 F.	(b)	1.35-1.35-1.35
1889 N. Y.	6	1 M.	(b)	1.57-1.57-1.57
1889 N. Y.	189	4 M.	(b)	2.11-2.30-2.16
1889 N. Y.	189	1 F.	(b)	1.75-1.75-1.75
1889 N. Y.	190	16 M.	a54-60-60	.58-4.47-2.34
1889 N. Y.	190	4 (b)	(b)	1.00-3.33-1.96
1889 Ohio	5	3 M.	(b)	.64-2.88-1.81
1889 Ohio	189	16 M.	(b)	1.00-2.00-1.31
1889 Ohio	189	17 F.	(b)	1.92-2.00-1.99
1889 Pa	4	1 M.	(b)	g.15- .15- .15
1889 Pa	5	4 M.	a60-60-60	1.92-3.00-2.43
1889 Pa	189	2 F.	(b)	1.73-1.84-1.79
1889 Pa	190	41 M.	54-60-55	.50-5.00-2.24
1889 Pa	190	1 F.	54-54-54	1.35-1.35-1.35
1889 Tenn.	5	1 M.	(b)	1.34-1.34-1.34
1889 Tenn.	6	1 M.	(b)	.77- .77- .77
1889 Wis	5	2 M.	(b)	2.11-2.30-2.21
1889 Australia	432	(b) M.	(b)	.81-7.00- —
1889 England	5	(b) M.	(b)	.57-2.23- —
1889 Germany	5	(b) M.	(b)	.30- .53- —
1890 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1890 Del	190	1 M.	60-60-60	4.80-4.80-4.80
1890 Ill	6	1 M.	(b)	1.80-1.80-1.80
1890 Ill	19	4 M.	(b)	1.00-4.67-2.84
1890 Ind	5	2 M.	(b)	1.25-1.34-1.30
1890 Ind	226	4705 (b)	h48-72-57	.81-2.51-1.99
1890 Iowa	234	419 (b)	(b)	1.04-4.84-2.13
1890 Kans.	244	2 M.	(b)	1.00-1.00-1.00
1890 Mich.	282	56 M.	60-60-60	.58-3.00-1.68
1890 N. J	6	2 M.	(b)	1.67-1.84-1.76
1890 N. Y.	6	1 M.	60-60-60	1.54-1.54-1.54
1890 N. Y.	190	16 M.	a54-60-59	.96-4.47-2.46
1890 N. Y.	190	3 (b)	(b)	1.33-3.33-2.06
1890 N. Y.	333	957 M.	(b)	.33-12.78-2.07
1890 N. Y.	333	1 M.	(b)	i2.00-2.00-2.00
1890 N. Y.	333	47 F.	(b)	.67-2.00- .77
1890 Ohio	6	1 M.	(b)	1.50-1.50-1.50
1890 Ohio	371	746 (b)	48-72-59	.70-6.00-2.19
1890 Pa	6	2 M.	(b)	1.67-2.89-2.28
1890 Pa	190	38 M.	54-60-55	0.67-5.00-2.27
1890 Pa	190	1 F.	54-54-54	1.35-1.35-1.35
1890 Tenn	6	1 M.	(b)	1.92-1.92-1.92
1890 Wis	5	2 (b)	(b)	1.68-1.68-1.68
1890 England	576	(b) M.	54-54-54	.85-1.05- —
1890 Netherl'ds	666	(b) M.	(b)	.50- .60- —
1891 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1891 Del	190	1 M.	60 60-60	4.80-4.80-4.80
1891 Ill	19	7 M.	(b)	1.00-5.00-2.72
1891 Ind	227	5978 M.	j48-60-52	1.00-2.41-2.03
1891 Me.	257	2 M.	57-66-62	1.75-2.57-2.16
1891 Mich.	283	125 F.	(b)	.33-2.50- .96
1891 Mo.	300	8 M.	(b)	1.55-3.50-2.48
1891 N. Y.	190	21 M.	a54-60-59	.96-4.47-2.41
1891 N. Y.	190	3 (b)	(b)	1.50-3.33-2.17
1891 N. Y.	333	1489 M.	(b)	.42-12.78-2.21
1891 N. Y.	333	1 M.	(b)	i2.00-2.00-2.00
1891 N. Y.	333	36 F.	(b)	.67-1.25- .81
1891 N. C.	346	2 M.	(b)	1.92-2.25-2.09
1891 Pa	190	37 M.	54-60-55	.67-5.00-2.25
1891 Pa	190	1 F.	54-54-54	1.35-1.35-1.35
1891 Wis	411	1 M.	(b)	2.00-2.00-2.00
1891 Wis	411	1 M.	(b)	k2.56-2.56-2.56
1891 England	123	(b) (b)	(b)	1.30-1.30-1.30
1891 Italy	638	(b) M.	60-66 —	.19- .77- —
1892 Cal.	196	9 M.	54-60-57	1.50-3.00-2.16
1892 Conn.	20	2 M.	60-60-60	2.50-2.50-2.50
1892 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1892 Ill.	19	7 M.	(b)	1.33-4.67-2.65
1892 Ill.	210	153 F.	46-60-53	.39-2.67-1.25
1892 Ind	227	6361 M.	l48-60-53	.60-2.51-2.13
1892 Iowa	235	6 M.	60-72-64	1.15-1.75-1.50
1892 Iowa	235	1 F.	48-48-48	.67- .67- .67
1892 Me.	258	2 M.	60-60-60	1.00-1.25-1.13
1892 Me.	258	3 F.	60-60-60	.67-1.00- .81
1892 N. Y.	20	4 M.	a60-60-60	1.00-2.50-1.91
1892 N. Y.	190	1 M.	60-60-60	2.49-2.49-2.49
1892 Ohio	373	43 (b)	n54-60-55	.77-3.83-1.79
1892 Pa	20	5 M.	60-60-60	1.80-2.52-2.23
1892 Australia	424	(b) (b)	(b)	.41-6.49- —
1892 England	111	(b) M.	53-53-53	1.46-1.46-1.46
1892 England	111	(b) (b)	(b)	.81-2.15- —
1892 England	632	(b) M.	(b)	.47-1.55- —
1892 France	11	(b) M.	(b)	.74-1.11- —
1892 France	505	(b) M.	66-66-66	.58-1.01- —
1892 Paraguay	113	(b) M.	(b)	.37-1.49- —
1892 Spain	115	(b) M.	(b)	.50- .50- .50
1893 Conn.	20	7 M.	60-60-60	2.50-2.50-2.50
1893 Ill.	10	60 M.	36-70-56	.50-4.17-2.05
1893 Ill.	10	3 M.	56-80-67	o.50-2.00-1.11
1893 Ill.	10	4 F.	52-60-55	.50-3.00-1.46
1893 Ill.	19	7 M.	(b)	1.33-5.83-3.03
1893 Ind	228	6658 M.	p48-72-53	.68-2.54-2.16
1893 Md.	10	34 M.	36-72-60	.50-3.00-1.80
1893 Md.	10	2 F.	60-60-60	.67- .83- .75
1893 Mich.	285	339 M.	q48-90-57	.46-4.79-1.95
1893 Mo.	306	3 M.	(b)	1.15-1.15-1.15
1893 Mont.	307	58 M.	r36-72-50	1.53-11.16-3.69
1893 Mont.	307	9 M.	d48-75-59	o1.53-3.83-2.35
1893 N. Y.	10	41 M.	24-84-56	.67-3.00-1.46
1893 N. Y.	10	6 M.	54-54-54	o .83- .83- .83
1893 N. Y.	10	5 F.	48-59-55	.42-2.00-1.07
1893 N. Y.	20	4 M.	a60-60-60	1.00-2.50-1.91

a Not including hours of 2 persons not reported.
b Not reported.
c Not including hours of 63 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 519 persons not reported.
f Not including hours of 86 persons not reported.
g Per hour.
h Not including hours of 67 persons not reported
i And rent.
j Not including hours of 55 persons not reported.
k And fuel.
l Not including hours of 58 persons not reported.
n Not including hours of 31 persons not reported.
o And board.
p Not including hours of 70 persons not reported.
q Not including hours of 4 persons not reported.
r Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 N. C	347	46 (a)	(a)	1.67-2.58-2.07
1893 Ohio	374	29 (a)	(a)	.50-2.88-1.47
1893 Pa	10	18 M.	44-84-59	.42-4.17-1.71
1893 Pa	20	6 M.	60-60-60	1.80-2.60-2.29
1893 Aust-Hun	448	(a) M.	66-90 —	.27- .68- —
1893 Aust-Hun	448	(a) M.	84-90 —	b .14- .74- —
1893 Canada	191	(a) M.	(a)	c .69-1.53- —
1893 Italy	639	(a) M.	60-66 —	.19- .77- —
1894 Conn	20	6 M.	60-60-60	2.50-2.50-2.50
1894 Ind	228	5596 M.	d48-72-53	1.08-2.78-2.19
1894 Iowa	236	21 M.	48-84-59	1.35-5.00-2.43
1894 Kans	248	27 M.	48-48-48	2.01-2.01-2.01
1894 Mont	308	96 M.	(a)	2.05-3.63-2.80
1894 Mont	309	9 M.	(a)	2.72-4.37-3.27
1894 N. H	316	8 M.	e52-96-64	1.42-3.67-2.01
1894 N. Y	8	16 M.	48-60-59	1.00-2.50-1.87
1894 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00
1894 N. Y	20	4 M.	f60-60-60	2.00-2.50-2.28
1894 N. C	348	46 (a)	(a)	1.45-2.25-1.83
1894 Ohio	374	2 (a)	60-60-60	2.50-2.50-2.50
1894 Ohio	375	14 M.	e48-60-59	.50-2.00-1.74
1894 Ohio	375	1 F.	60-60-60	.85- .85- .85
1894 Pa	20	5 M.	60-60-60	1.60-2.56-1.91
1894 W. Va	406	152 (a)	(a)	.38-2.34-1.81
1894 Australia	425	(a) (a)	(a)	.47-7.31- —
1894 Canada	191	(a) M.	(a)	c1.00-1.00-1.00
1894 C. of G'd H.	487	(a) M.	(a)	2.43-3.73- —
1895 Conn	7	44 M.	42-72-46	.81-4.00-2.10
1895 Conn	7	8 F.	42-59-46	.89-2.56-1.82
1895 Conn	20	5 M.	60-60-60	2.50-2.50-2.50
1895 Fla	8	1 M.	63-63-63	1.00-1.00-1.00
1895 Ga	7	16 M.	54-66-60	.50-2.50-1.85
1895 Ga	7	3 F.	54-66-58	.50-1.25- .86
1895 Ill	7	4 M.	55-55-55	1.33-2.50-1.63
1895 Ind	229	4704 M.	g48-60-55	.84-2.61-2.17
1895 Iowa	7	1 M.	60-60-60	1.83-1.83-1.83
1895 Iowa	7	2 F.	60-60-60	.58- .67- .63
1895 Iowa	237	336 (a)	(a)	1.33-4.96-2.27
1895 La	7	8 M.	55-63-60	.60-3.50-2.29
1895 Me	7	6 M.	60-60-60	1.25-2.25-1.84
1895 Me	7	8 F.	57-60-60	.83-1.17- .98
1895 Md	7	24 M.	54-60-58	.67-4.17-1.95
1895 Mass	7	121 M.	36-60-48	.50-6.41-2.00
1895 Mass	7	189 F.	36-58-42	.83-3.33-1.54
1895 Mass	8	4 F.	60-60-60	1.50-2.00-1.75
1895 Mich	287	2 M.	(a)	1.66-1.75-1.71
1895 Mo	7	13 M.	59-60-60	1.33-2.67-2.15
1895 Mo	304	16 M.	(a)	1.04-3.46-1.80
1895 Mo	304	2 F.	(a)	1.00-1.67-1.34
1895 Mont	309	112 M.	(a)	1.89-5.77-2.40
1895 Nebr	314	2 F.	60-60-60	.50- .50- .50
1895 N. H	7	3 M.	59-60-60	1.25-3.00-2.00
1895 N. H	7	7 F.	59-60-60	1.05-1.70-1.33
1895 N. J	7	53 M.	48-60-58	.83-5.00-2.19
1895 N. J	7	9 F.	54-60-57	.38-1.33- .97
1895 N. Y	7	278 M.	48-60-54	.42-4.17-1.61
1895 N. Y	7	103 F.	48-60-54	.50-4.17-1.20
1895 N. Y	8	2 M.	60-60-60	1.75-2.00-1.88
1895 N. Y	20	4 M.	f60-60-60	2.30-2.50-2.41
1895 N. C	7	3 M.	60-60-60	.83-2.00-1.36
1895 Ohio	376	33 M.	48-60-56	.84-2.00-1.00
1895 Ohio	376	1 F.	60-60-60	1.16-1.16-1.16
1895 Pa	20	4 M.	60-60-60	1.50-2.20-1.93
1895 R. I	7	26 M.	55-66-58	.42-3.45-1.68
1895 R. I	7	5 F.	56-60-58	1.00-2.50-1.63
1895 S. C	7	15 M.	54-66-62	.83-3.67-2.07
1895 S. C	7	1 F.	59-59-59	0.42-0.42-0.42
1895 Tenn	7	3 M.	59-60-60	1.25-2.00-1.58
1895 Va	7	8 M.	54-55-54	1.67-3.00-2.27
1895 Wis	7	1 M.	59-59-59	2.00-2.00-2.00
1895 Australia	426	(a) (a)	(a)	.47-7.31- —
1895 Canada	187	(a) F.	60-60-60	.67- .67- .67
1895 Canada	191	(a) M.	(a)	c1.00-1.00-1.00
1896 Conn	7	9 M.	60-60-60	1.00-3.33-2.13
1896 Fla	7	1 M.	60-60-60	2.00-2.00-2.00
1896 Fla	7	1 F.	60-60-60	1.00-1.00-1.00
1896 Ga	7	18 M.	51-66-60	.95-4.67-2.42
1896 Ga	7	1 F.	54-54-54	1.25-1.25-1.25
1896 Ga	8	1 M.	72-72-72	1.00-1.00-1.00
1896 Ill	7	103 M.	48-60-55	.50-6.67-2.18
1896 Ill	7	37 F.	53-60-55	.83-2.31-1.14
1896 Ind	7	1 M.	65-65-65	1.46-1.46-1.46
1896 Ind	7	1 F.	65-65-65	1.25-1.25-1.25
1896 Ind	229	4647 M.	h48-60-55	1.45-2.57-2.02
1896 Iowa	7	8 M.	48-60-54	.50-2.33-1.30
1896 Iowa	7	3 F.	60-60-60	.50-1.88-1.13
1896 Iowa	237	282 (a)	(a)	.87-4.92-2.19
1896 Ky	7	2 M.	59-59-59	.75-1.08- .92
1896 Md	7	9 M.	i 51-60-54	.67-2.67-1.52
1896 Md	7	3 F.	54-54-54	1.00-1.17-1.06
1896 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1896 Mich	7	14 M.	54-60-58	.50-2.50-1.84
1896 Mich	7	7 F.	54-59-58	.50-1.00- .81
1896 Mich	288	28 (a)	e48-66-58	.75-2.50-1.43
1896 Minn	7	4 M.	60-60-60	2.25-3.33-2.65
1896 Mo	305	910 M.	(a)	.38-8.28-2.27
1896 Mo	305	42 F.	(a)	.58-2.30-1.40
1896 Mo	305	830 (a)	(a)	1.28-2.93-2.41
1896 Mont	310	129 M.	(a)	1.81-3.82-2.59
1896 Nebr	314	108 M.	j54-60-60	1.25-3.98-2.61
1896 Nebr	314	2 F.	e72-72-72	.96-1.79-1.38
1896 N. H	7	3 F.	60-60-60	1.08-1.25-1.14
1896 N. J	7	4 F.	55-55-55	.58-1.17- .86
1896 N. Y	7	35 M.	44-60-58	.42-3.33-1.86
1896 N. Y	7	138 F.	54-60-58	.50-1.67- .95
1896 N. Y	336	862 M.	(a)	.50-10.42-1.61
1896 N. Y	336	46 F.	(a)	.77-2.68-1.50
1896 Ohio	7	9 M.	48-60-56	.75-2.08-1.48
1896 Ohio	7	3 F.	51-54-53	.83-2.00-1.39
1896 Ohio	377	73 M.	e48-60-60	1.00-2.50-1.50
1896 Ohio	377	1 F.	60-60-60	1.16-1.16-1.16
1896 Pa	7	131 M.	f47-60-57	.58-5.00-1.96
1896 Pa	7	52 F.	52-60-57	.42-2.00-1.04
1896 Pa	394	2 M.	60-60-60	1.63-2.00-1.82
1896 R. I	7	8 M.	60-60-60	1.25-2.56-1.86
1896 R. I	7	2 F.	60-60-60	.83-1.42-1.13
1896 S. C	7	1 M.	66-66-66	1.00-1.00-1.00
1896 Tenn	7	1 M.	69-69-69	.60- .60- .60
1896 W. Va	7	10 M.	59-60-60	1.33-3.33-2.25
1896 W. Va	7	3 F.	60-60-60	.46-1.67-1.04
1896 Wis	7	15 M.	48-60-57	.67-3.00-2.11
1896 Australia	427	(a) (a)	(a)	.47-7.00- —
1896 Aust-Hun	442	(a) M.	(a)	.81-1.56- —
1896 Br. Guiana	184	(a) M.	(a)	1.53-2.30- —
1896 Canada	184	(a) M.	(a)	1.00-1.17- —
1896 Canada	191	(a) M.	(a)	c1.00-1.00-1.00
1896 Canada	482	(a) (a)	(a)	.96-3.33- —
1896 Mexico	184	(a) M.	(a)	1.00-1.42- —
1896 Turk. in A.	184	(a) M.	(a)	.76- .76- .76
1897 Conn	204	7 M.	48-73-60	1.63-5.00-2.69
1897 Iowa	238	485 (a)	(a)	.82-4.76-2.02
1897 Kans	251	54 M.	(k)	.33-2.71-1.50

a Not reported.
b And board and lodging.
c And board.
d Not including hours of 62 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 314 persons not reported.
h Not including hours of 1,093 persons not reported.
i Not including hours of 3 persons not reported.
j Not including hours of 8 persons not reported.
k 48-100-74 hours; not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLERKS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Kans	251	10 F.	42-78-63	0.39-1.34-0.79	1898 Nebr	314	256 M.	42-96-62	0.80-5.00-1.75
1897 Md	265	926 (a)	b 60-60-60	1.42-2.23-2.17	1898 Nebr	314	51 F.	54-90-68	.51-3.00-1.27
1897 Mich	289	350 (a)	(a)	2.00-2.00-2.00	1898 Nebr	314	398 (a)	e 48-66-57	.96-4.00-2.51
1897 Mont	311	148 (a)	(a)	1.78-4.01-2.55	1898 N. J	329	385 M.	f 60-60-60	.27-2.89-1.74
1897 Nebr	314	18 M.	c 66-66-66	1.15-9.58-2.20	1898 N. Y	338	180 M.	(a)	2.50-3.50-2.74
1897 Nebr	314	1 F.	60-60-60	1.34-1.34-1.34	1898 Ohio	18	20 (a)	(a)	1.15-3.83-2.06
1897 Nebr	314	1 (a)	(a)	.61- .61- .61	1898 Pa	18	53 (a)	(a)	.83-6.42-2.40
1897 Ohio	377	8 (a)	(a)	.96-4.22-1.85	1898 Wash	405	10 (a)	(a)	1.34-3.83-2.21
1897 Va	404	143 M.	(a)	.27-6.63-2.00	1898 Australia	419	(a) (a)	(a)	.61-2.03- —
1897 Va	404	9 F.	(a)	.50- .77- .58	1898 Australia	419	(a) (a)	(a)	g .78- .78- .78
1897 Australia	418	(a) (a)	(a)	.23-1.82- —	1898 Australia	429	(a) (a)	(a)	.47-7.77- —
1897 Australia	428	(a) (a)	(a)	.47-5.44- —	1898 C. of G'd H	149	(a) (a)	(a)	1.92-1.92-1.92
1898 Ill	18	1 M.	(a)	3.50-3.50-3.50	1898 Germany	147	(a) (a)	(a)	.68-1.37- —
1898 Ind	230	5013 (a)	d 48-72-55	.33-2.44-2.01	1898 S. Domingo	149	(a) (a)	(a)	.58-2.88- —
1898 Iowa	18	2 (a)	(a)	1.75-2.00-1.88	1899 Mich	291	29 M.	60-60-60	2.00-2.00-2.00
1898 Iowa	238	341 (a)	(a)	.63-4.32-2.30	1899 Mich	291	105 F.	58-58-58	1.05-1.05-1.05
1898 Kans	252	396 M.	(a)	1.73-2.74-2.69	1899 N. C	353	3 M.	h 60-66-63	1.00-1.25-1.08
1898 Kans	252	110 (a)	(a)	2.00-2.00-2.00	1899 Ohio	18	8 (a)	(a)	1.38-2.88-2.14
1898 Mich	290	95 M.	(a)	1.20-3.05-2.05	1899 Pa	18	46 M.	(a)	.77-4.79-2.25
1898 Mich	290	00 F.	(a)	.70-1.53-1.20	1899 Tenn	403	37 M.	(a)	1.62-3.33-2.19
1898 Mo	306	1092 M.	(a)	.46-5.10-2.32	1899 Va	404	701 (a)	(a)	1.03-2.88-1.92
1898 Mo	306	54 F.	(a)	.58-2.42-1.34	1899 Uruguay	157	(a) (a)	(a)	.58-1.34- —
1898 Mo	306	1286 (a)	48-72-57	1.36-3.33-2.07					

CLIPPERS, IRON AND STEEL.

1884 England	178	(a) M.	54-54-54	1.30-1.54- —	1889 Italy	5	(a) M.	(a)	.49- .55- —
1884 Switzerl'd	178	(a) M.	(a)	.55- .74- —	1894 France	129	(a) M.	60-60-60	.68- .97- —
1889 England	5	(a) M.	66-72 —	1.01-1.03- —	1895 France	677	(a) (a)	60-60-60	.68- .97- —

CLIPPERS, NEEDLES.

1895 Conn	8	1 F.	60-60-60	1.50-1.50-1.50	1895 Mass	8	1 M.	60-60-60	.83- .83- .83
1895 Mass	7	1 M.	58-58-58	.81- .81- .81					

CLIPPERS, TEXTILES.

1863 England	627	(a) F.	(a)	.03- .32- —	1895 N. J	7	1 F.	58-58-58	.67- .67- .67
1883 England	572	(a) F.	(a)	.57- .81- —	1895 N. C	8	1 M.	66-66-66	1.00-1.00-1.00
1886 N. Y	3	2 F.	50-55-53	.42- .75- .59	1896 Ohio	377	37 F.	48-54-50	.33-1.00- .84
1886 Pa	7	10 F.	(a)	.73-1.31- .95	1896 Pa	7	1 M.	60-60-60	.42- .42- .42
1887 Ohio	3	1 F.	60-60-60	1.33-1.33-1.33	1896 Pa	7	9 F.	60-60-60	.70-1.05- .86
1893 England	632	(a) F.	(a)	.32- .32- .32					

CLOAK FINISHERS.

1881 Mo	7	5 F.	54-54-54	.79-1.08- .95	1887 Ill	3	9 F.	40-54-51	.38-1.25- .75
1885 Ill	7	68 F.	54-54-54	.75-1.38-1.01	1887 Mass	3	2 F.	(a)	1.08-1.33-1.21
1885 Md	7	52 F.	54-60-56	.33-1.13- .68	1887 N. Y	3	12 F.	50-56-53	.33-1.50-1.01
1885 N. Y	7	67 M.	54-54-54	2.00-2.53-2.21	1887 Ohio	3	5 F.	54-60-57	.50-1.00- .65
1885 N. Y	7	97 F.	i 54-54-54	1.19-1.90-1.36	1888 N. Y	331	30 M.	53-53-53	.83- .83- .83
1886 Mo	3	5 F.	60-60-60	.67- .67- .67	1890 N. Y	333	8 M.	(a)	1.33-1.33-1.33
1886 Pa	7	2 F.	56-56-56	.67- .67- .67	1891 N. Y	333	14 M.	(a)	1.33-5.83-3.26

a Not reported.
b Not including hours of 916 persons not reported.
c Not including hours of 17 persons not reported.
d Not including hours of 68 persons not reported.
e Not including hours of 353 persons not reported.
f Not including hours of 382 persons not reported.
g And rations.
h Not including hours of 1 person not reported.
i Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOAK FINISHERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Ill.	210	43	F.	a60-60-60	0.10-1.37-0.61
1893 Ill.	10	4	M.	55-60-57	1.33-1.33-1.33
1893 Ill.	10	28	F.	48-66-57	.21-1.00- .73
1893 Md.	10	1	F.	60-60-60	1.33-1.33-1.33
1893 N. Y.	10	2	F.	60-66-63	.92-1.33-1.13
1893 Pa	10	3	M.	60-60-60	.83- .83- .83
1893 Pa	10	6	F.	50-60-57	.50-1.00- .68
1895 Ill.	7	72	F.	54-54-54	.75-1.25-1.00
1895 Md.	7	30	M.	57-57-57	0.54-1.17-0.83
1895 Md.	7	24	F.	54-54-54	.42-1.08- .75
1895 Mo.	7	8	F.	54-54-54	.68-1.18- .91
1895 N. Y.	7	123	M.	54-54-54	2.21-2.54-2.44
1895 N. Y.	7	48	F.	54-60-57	1.42-2.00-1.63
1896 Ill.	12	3	F.	b60-60-60	.25- .67- .39
1896 Pa	7	4	F.	56-56-56	.50- .83- .65

CLOAK MAKERS.

1863	Ireland	565	(c)	(c)	(c)	.41- .41- .41	1887	Ohio	369	374	F.	72-84-74	.30-1.25- .62
1876	Ill.	3	1	F.	(c)	.83- .83- .83	1887	Pa	3	12	F.	53-59-58	.58-1.17- .85
1881	Ill.	3	1	F.	(c)	1.33-1.33-1.33	1887	Germany	557	(c)	F.	(c)	.24- .48- —
1881	Germany	178	(c)	(c)	(c)	.71- .71- .71	1887	Germany	557	(c)	(c)	(c)	.60- .83- —
1882	Ohio	3	1	F.	(c)	1.00-1.00-1.00	1888	Cal.	194	10	F.	54-54-54	.83-1.67-1.25
1882	Germany	554	(c)	(c)	54-54-54	.60- .83- —	1888	N. Y.	331	735	M.	j53-53-53	1.33-2.00-1.95
1883	Ill.	3	1	F.	(c)	1.17-1.17-1.17	1888	N. Y.	331	200	F.	(c)	2.00-2.00-2.00
1883	Md.	3	1	F.	54-54-54	1.17-1.17-1.17	1888	N. Y.	331	640	(c)	(c)	2.00-3.33-2.08
1883	Ohio	2	324	(c)	60-60-60	.94-1.03- .99	1888	Germany	558	(c)	F.	54-60 —	.28- .48- —
1883	Germany	47	(c)	M.	72-72-72	.71- .71- .71	1888	Germany	558	(c)	(c)	54-60 —	.60- .83- —
1883	Germany	555	(c)	(c)	63-63-63	.60- .79- —	1889	Portugal	691	(c)	M.	(c)	.19- .32- —
1884	Ill.	3	1	F.	(c)	1.50-1.50-1.50	1889	Portugal	691	(c)	F.	(c)	.09- .22- —
1884	Mich.	278	1	F.	(c)	.50- .50- .50	1890	N. Y.	333	426	M.	(c)	.50-2.67-1.75
1884	N. Y.	2	9450	(c)	60-72-69	1.36-1.51-1.47	1890	N. Y.	333	10	F.	(c)	1.67-1.67-1.67
1884	Ohio	3	1	F.	(c)	1.00-1.00-1.00	1891	Mich.	283	18	F.	(c)	.67-1.18-1.09
1884	Germany	71	(c)	M.	(c)	.71- .71- .71	1891	N. Y.	333	312	M.	(c)	.50-2.67-1.82
1884	Germany	71	(c)	F.	(c)	d.28- .28- .28	1892	Cal.	196	7	F.	54-54-54	1.00-1.67-1.38
1884	Germany	178	(c)	M.	(c)	.36- .36- .36	1892	Ill.	210	75	F.	54-56-55	.50-1.78-1.12
1884	Germany	178	(c)	F.	(c)	.18- .81- —	1893	Ill.	10	73	M.	30-84-59	.33-3.33-1.77
1884	Germany	556	(c)	(c)	(c)	.60- .79- —	1893	Ill.	10	33	F.	48-72-58	.50-1.67-1.00
1884	Switzerl'd.	178	(c)	F.	70-70-70	.37- .92- —	1893	Md.	10	3	M.	60-60-60	1.00-1.67-1.33
1885	Ill.	3	2	F.	(c)	1.33-1.67-1.50	1893	N. Y.	10	10	M.	e52-66-60	.67-3.00-1.92
1885	Me.	7	9	F.	57-57-57	.30-1.17- .73	1893	N. Y.	10	12	F.	53-70-59	.50-1.67- .92
1885	N. Y.	2	6050	(c)	60-60-60	1.46-1.72-1.59	1893	Ohio	374	75	F.	54-54-54	1.75-1.75-1.75
1885	N. Y.	7	7	M.	54-54-54	2.17-4.50-3.16	1893	Pa	10	21	M.	50-72-59	.67-3.00-1.64
1885	N. Y.	330	123	F.	(c)	.58-1.33-1.16	1893	Pa	10	5	F.	50-60-58	.67-1.33-1.07
1885	Ohio	7	12	M.	58-58-58	1.73-3.22-2.37	1894	Ohio	374	161	M.	(c)	1.50-2.67-1.59
1885	Ohio	7	19	F.	58-58-58	1.25-2.52-1.74	1894	Ohio	374	571	F.	(c)	.56-1.17- .82
1885	Germany	71	(c)	M.	(c)	.48- .83- —	1894	Ohio	375	75	M.	60-60-60	1.50-1.50-1.50
1885	Germany	71	(c)	F.	(c)	d.36- .36- .36	1894	Ohio	375	100	F.	60-60-60	1.33-1.33-1.33
1886	Ill.	3	2	F.	(c)	1.50-1.67-1.59	1894	France	506	(c)	F.	66-72 —	.77- .97- —
1886	Md.	3	7	F.	e49-56-55	.75-1.33-1.03	1895	Me.	7	25	F.	57-57-57	.66-1.58-1.07
1886	Mo.	3	4	F.	60-60-60	.47-1.67-1.03	1895	N. Y.	7	11	M.	54-54-54	1.50-2.67-2.10
1886	N. J.	3	1	F.	56-56-56	1.00-1.00-1.00	1895	Ohio	7	30	M.	58-58-58	.99-3.58-2.22
1886	N. Y.	2	107	M.	54-57-55	1.58-2.75-2.25	1895	Ohio	7	62	F.	58-58-58	.58-3.50-1.57
1886	N. Y.	2	55	F.	54-57-57	1.10-1.86-1.35	1895	Ohio	376	13	M.	54-54-54	2.25-2.25-2.25
1886	N. Y.	2	(f)	(c)	g53-72-69	1.16-1.95-1.49	1895	Ohio	376	40	F.	54-54-54	1.00-1.00-1.00
1886	N. Y.	3	1	F.	54-54-54	1.42-1.42-1.42	1896	Ill.	12	1	M.	(c)	2.67-2.67-2.67
1887	Ill.	3	80	F.	47-59-53	.44-2.00-1.11	1896	Ill.	12	1	F.	(c)	1.50-1.50-1.50
1887	Mass	3	18	F.	h45-54-52	.67-1.58-1.02	1897	N. Y.	337	950	M.	72-72-72	1.35-2.00-1.74
1887	Minn	3	1	F.	60-60-60	1.00-1.00-1.00	1897	Australia	428	(c)	(c)	(c)	.39-1.50- —
1887	N. Y.	3	48	F.	44-57-54	.18-1.68- .95	1898	N. Y.	338	7235	M.	(c)	2.33-3.00-2.61
1887	Ohio	3	84	F.	i45-62-56	.33-3.17- .97	1898	N. Y.	338	640	F.	(c)	1.00-1.00-1.00
1887	Ohio	369	160	M.	60-96-78	1.00-2.50-1.77	1898	Australia	429	(c)	(c)	(c)	.39-1.50- —

CLOCK CASE MAKERS.

1871	Germany	185	(c)	M.	(c)	.36- .72- —	1887	Conn.	202	11	F.	(c)	.96- .96- .96
1887	Conn.	202	209	M.	(c)	.88-2.40-2.35							

a Not including hours of 26 persons not reported.
b Not including hours of 2 persons not reported.
c Not reported.
d And board.
e Not including hours of 1 person not reported.
f 10,473 employees.
g Not including hours of 260 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 23 persons not reported.
j Not including hours of 415 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOCK MAKERS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1814	Germany..	8	(a)	M.	72-72-72	0.42-0.42-0.42
1820	Germany..	8	(a)	M.	72-72-72	.54- .54- .54
1839	England ..	562	(a)	M.	58-58-58	1.05-2.03- —
1849	England ..	562	(a)	M.	58-58-58	1.05-1.54- —
1850	Germany..	8	(a)	M.	72-72-72	.42- .42- .42
1853	France....	113	(a)	M.	(a)	.47- .87- —
(b)	Ireland ...	562	(a)	M.	(a)	.97-1.01- —
1859	England ..	562	(a)	M.	58-58-58	.89-1.05- —
(c)	England ..	567	(a)	M.	57-57-57	1.14-1.14-1.14
1869	Germany..	609	(a)	M.	(a)	.30-1.22- —
1871	England ..	629	(a)	(a)	58-58-58	1.01-1.62- —
1871	Germany..	185	(a)	M.	(a)	.42- .42- .42
1875	France....	496	(a)	M.	(a)	.60-1.16- —
1876	France....	497	(a)	M.	(a)	.61-1.25- —
1878	France....	498	(a)	M.	(a)	.61-1.35- —
1879	France....	499	(a)	M.	(a)	.61-1.16- —
1880	France....	500	(a)	M.	(a)	.65-1.54- —
1881	France....	501	(a)	M.	(a)	.65-1.54- —
1882	France....	502	(a)	M.	(a)	0.66-1.54- —
1883	France....	503	(a)	M.	(a)	.66-1.54- —
1884	England ..	178	(a)	M.	54-54-54	1.42-1.62- —
1884	France....	504	(a)	M.	(a)	.67-1.54- —
1884	Italy	178	(a)	M.	(a)	.93-1.11- —
1885	France....	113	(a)	M.	(a)	.81-1.16- —
1885	Russia	55	(a)	(a)	(a)	d.75- .83- —
1886	France....	495	(a)	M.	(a)	.81-1.16- —
1887	Conn.....	202	182	M.	(a)	1.12-1.89-1.74
1887	France....	495	(a)	M.	(a)	.81-1.16- —
1888	N. Y.....	331	2	M.	59-59-59	3.00-3.00-3.00
1890	N. Y.....	333	2	M.	(a)	3.00-3.00-3.00
1891	N. Y.....	333	2	M.	(a)	3.00-3.00-3.00
1891	France....	522	(a)	M.	(a)	.81-1.16- —
1892	C.of G'd H.	486	(a)	M.	(a)	1.87-1.87-1.87
1892	France....	505	(a)	M.	60-60-60	.77- .77- .77
1893	Mont.....	307	1	(a)	(a)	3.76-3.76-3.76
1893	Aust-Hun .	448	(a)	M.	66-66-66	.20- .54- —

CLOGGERS, BOOTS AND SHOES.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871	England ..	629	(a)	(a)	(a)	.74- .74- .74
1895	England ..	591	(a)	(a)	(a)	1.22-1.34- —
1896	England ..	592	(a)	(a)	(a)	1.09-1.34- —
1897	England ..	587	(a)	M.	(a)	.95-1.24- —

CLOSERS, BOOTS AND SHOES.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1810	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1811	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1812	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1813	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1814	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1815	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1816	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1817	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1818	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1819	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1831	Scotland ..	572	(a)	(a)	72-72-72	.91- .91- .91
1839	England ..	562	(a)	M.	60-60-60	1.05-1.05-1.05
1840	Scotland ..	563	(a)	(a)	60-60-60	.81- .81- .81
1849	England ..	562	(a)	M.	60-60-60	1.05-1.05-1.05
1850	Scotland ..	563	(a)	(a)	60-60-60	.81- .81- .81
(e)	Scotland ..	561	(a)	(a)	(a)	.97- .97- .97
1859	England ..	562	(a)	M.	60-60-60	1.30-1.30-1.30
1860	Scotland ..	563	(a)	(a)	60-60-60	.89- .89- .89
1861	Scotland ..	564	(a)	(a)	(a)	.89- .89- .89
1866	England ..	566	(a)	M.	60-60-60	.81- .81- .81
1866	Scotland ..	566	(a)	M.	(a)	1.01-1.01-1.01
1871	Ireland ...	568	(a)	M.	(a)	.71- .71- .71
1871	Ireland ...	568	(a)	F.	(a)	.37- .49- —
1872	Ireland ...	185	(a)	M.	(a)	.70- .70- .70
1872	Ireland ...	185	(a)	F.	(a)	.36- .48- —
1872	Scotland ..	185	(a)	M.	57-57-57	1.21-1.21-1.21
1874	Ireland ...	569	(a)	M.	(a)	.81- .81- .81
1879	Pa	7	5	F.	57-57-57	.55-1.65-1.19
1883	England ..	572	(a)	M.	54-54-54	.57- .57- .57
1883	England ..	572	(a)	F.	54-54-54	.51- .63- —
1884	N. J	323	10	F.	60-60-60	.80-2.08-1.03
1884	Pa	7	2	F.	60-60-60	.86- .88- .87
1885	Mass	7	3	M.	59-59-59	1.52-1.79-1.66
1885	Mass	7	2	F.	59-59-59	.85-1.68-1.26
1885	N. J	324	10	F.	60-60-60	.67-1.33- .89
1885	N. Y.....	1	22	M.	60-60-60	1.00-1.65-1.23
1885	N. Y.....	1	19	F.	60-60-60	1.00-1.29-1.07
1885	Ohio	7	15	M.	60-60-60	.81-1.07- .92
1885	Pa	1	25	M.	60-60-60	1.85-2.35-1.97
1886	Md	3	3	F.	51-59-55	1.17-1.33-1.25
1886	Mo.....	3	1	F.	59-59-59	.83- .83- .83
1886	N. J	325	24	F.	60-60-60	.67-1.33-1.00
1886	N. Y.....	3	1	F.	60-60-60	.92- .92- .92
1886	Pa	3	1	F.	56-56-56	.67- .67- .67
1886	Pa	7	3	F.	(a)	.77-1.67-1.23
1887	Ill	3	3	F.	53-60-57	1.21-1.33-1.29
1887	N. Y.....	3	9	F.	f53-56-55	.75-2.19-1.48
1887	Ohio	3	3	F.	56-56-56	.83-1.50-1.22
1887	Pa	3	2	F.	44-57-50	1.00-1.28-1.14
1888	Ind	3	2	F.	56-59-58	.67- .92- .80
1888	Me.....	254	1	F.	60-60-60	1.50-1.50-1.50
1890	N. Y.....	333	2	M.	(a)	.75- .75- .75
1891	Me.....	257	4	F.	60-60-60	.95-1.50-1.32
1891	Me.....	257	45	(a)	(a)	1.33-2.27-1.70
1891	Mich.....	283	1	F.	(a)	1.33-1.33-1.33
1891	N. Y.....	333	3	M.	(a)	.75-2.19-1.23
1892	Cal	196	1	(a)	53-53-53	1.50-1.50-1.50
1892	Ill	210	11	F.	56-56-56	.54-1.78-1.23
1892	Me.....	258	58	F.	(a)	.58-2.00-1.19
1893	N. J	327	16	F.	g56-56-56	1.00-1.35-1.12
1893	Ireland ...	632	(a)	F.	(a)	.49- .65- —
1894	Me.....	260	1	M.	60-60-60	1.33-1.33-1.33
1894	N. Y.....	8	2	F.	60-60-60	1.00-1.00-1.00
1895	Mass	7	5	F.	58-58-58	.77-1.81-1.09
1895	Mass	8	7	F.	58-58-58	1.50-2.50-1.83
1895	N. Y.....	7	1	F.	59-59-59	1.33-1.33-1.33
1896	Ohio	7	35	F.	60-60-60	.75-1.17- .91
1896	Pa	7	1	M.	59-59-59	.90- .90- .90
1896	Pa	7	12	F.	59-60-59	.79-1.62-1.18

a Not reported.
b Average for 1856–58.
c Average for 1867–68.
d And food.
e Average for 1855–57.
f Not including hours of 2 persons not reported.
g Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOSERS, KNIT GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Mich	7	1 F.	(a)	1.04-1.04-1.04	1896 Mich	7	3 F.	60-60-60	0.83-0.88-0.85
1891 Mich	283	1 F.	(a)	.75- .75- .75					

CLOTH GUIDERS, TEXTILES.

1885 Conn	7	1 M.	60-60-60	.67- .67- .67	1896 Conn	7	3 M.	60-60-60	.60- .60- .60
1885 Conn	7	10 F.	60-60-60	.70- .90- .82	1896 Conn	7	15 F.	60-60-60	.60-1.45- .94
1895 Mass	7	12 M.	60-60-60	1.00-1.42-1.17					

CLOTH HANDS, BOOKBINDERY.

1885 Mass	7	26 M.	59-59-59	.92-3.00-2.39	1895 Mass	7	27 M.	58-58-58	2.00-3.50-2.70
1885 Mass	7	5 F.	59-59-59	.83-1.33-1.20	1895 Mass	7	8 F.	58-58-58	1.17-1.50-1.29

CLOTHING CLEANERS.

1870 N. Y	7	2 M.	(a)	1.67-1.67-1.67	1893 Ill	10	2 M.	30-50-40	.67-2.00-1.34
1882 N. Y	7	3 M.	(a)	.67-2.33-1.67	1893 Md	10	5 M.	60-72-62	.67-2.50-1.43
1885 N. Y	7	1 M.	(a)	2.17-2.17-2.17	1893 Md	10	1 F.	60-60-60	.50- .50- .50
1886 Pa	7	3 F.	56-56-56	.67- .67- .67	1893 N. Y	10	4 M.	53-72-66	1.00-1.67-1.29
1887 Cal	3	4 F.	54-66-63	1.17-1.67-1.40	1893 Pa	10	1 M.	58-58-58	1.00-1.00-1.00
1888 Cal	194	8 F.	54-66-62	1.17-1.67-1.36	1893 Aust-Hun	448	(a) M.	66-66-66	.34- .54- —
1888 N. Y	331	2 M.	59-59-59	2.00-2.00-2.00	1894 France	129	(a) M.	60-60-60	1.09-1.09-1.09
1890 N. Y	333	1 F.	(a)	.92- .92- .92	1895 N. Y	7	12 M.	60-60-60	1.50-2.50-2.08
1891 N. Y	333	1 F.	(a)	.92- .92- .92	1896 N. Y	7	3 M.	60-60-60	2.50-2.50-2.50
1891 France	505	(a) M.	60-60-60	1.16-1.35- —	1896 Pa	7	7 F.	56-58-56	.75-1.00- .82
1892 France	505	(a) M.	72-72-72	.58- .58- .58					

CLOTHING MAKERS.

1878 Australia	177	(a) M.	(a)	.61- .81- —	1888 Canada	470	(a) F.	58-58-58	.98- .98- .98
1884 Australia	178	(a) (a)	48-48-48	.61-1.01- —	1893 N. J	327	17 F.	57-57-57	.50-1.33- .91
1884 Canada	178	(a) (a)	60-60-60	.33-1.33- —	1894 Iowa	236	7 M.	60-60-60	.67-4.17-1.79
1885 N. Y	330	6 F.	(a)	1.17-1.17-1.17	1894 Iowa	236	105 F.	b 48-60-57	.25-1.67- .77
1885 Australia	175	(a) (a)	(a)	.61-1.22- —	1896 Ohio	377	115 F.	60-60-60	.87- .87- .87
1886 Australia	184	(a) (a)	(a)	.49-1.01- —	1896 Australia	184	(a) (a)	(a)	.41-1.01- —

CLOTH INSPECTORS.

1850 England	45	(a) M.	(a)	.61- .61- .61	1871 Mass	190	6 F.	66-66-66	.90- .90- .90
1856 Mass	190	2 M.	72-72-72	.92- .92- .92	1871 R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1860 Mass	190	1 F.	72-72-72	1.00-1.00-1.00	1872 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1860 England	45	(a) M.	(a)	.73- .73- .73	1872 Mass	190	5 F.	66-66-66	.90- .90- .90
1865 R. I	190	1 M.	78-78-78	1.25-1.25-1.25	1872 R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1866 R. I	190	1 M.	78-78-78	1.38-1.38-1.38	1872 S. C	7	1 M.	72-72-72	1.00-1.00-1.00
1867 Ga	7	1 M.	66-66-66	.75- .75- .75	1873 Mass	190	1 M.	66-66-66	1.17-1.17-1.17
1867 Ga	7	2 F.	66-66-66	.75-1.00- .88	1873 Mass	190	4 F.	66-66-66	1.00-1.00-1.00
1867 R. I	190	1 M.	78-78-78	1.50-1.50-1.50	1873 R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1868 R. I	190	1 M.	72-72-72	1.35-1.35-1.35	1874 Conn	190	1 M.	66-66-66	1.50-1.50-1.50
1869 R. I	190	1 M.	72-72-72	1.35-1.35-1.35	1874 Mass	190	1 M.	66-66-66	1.00-1.00-1.00
1870 Mass	190	12 F.	66-66-66	.90- .90- .90	1874 Mass	190	5 F.	66-66-66	.90- .90- .90
1870 R. I	190	1 M.	72-72-72	1.35-1.35-1.35	1874 R. I	190	1 M.	72-72-72	1.35-1.35-1.35
1870 England	45	(a) M.	(a)	.77- .77- .77	1875 Conn	190	2 M.	66-66-66	1.60-1.65-1.63
1871 Mass	190	1 M.	66-66-66	.93- .93- .93	1875 Mass	190	2 M.	60-60-60	1.00-1.10-1.05

a Not reported.

b Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOTH INSPECTORS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Mass	190	5 F.	60-60-60	0.83-0.83-0.83
1875 R. I	190	1 M.	72-72-72	1.30-1.30-1.30
1876 Conn	190	2 M.	66-66-66	1.60-1.65-1.63
1876 Mass	190	1 M.	60-60-60	.90- .90- .90
1876 Mass	190	9 F.	60-60-60	.90- .90- .90
1876 R. I	190	1 M.	72-72-72	1.30-1.30-1.30
1876 S. C	7	2 F.	66-66-66	.60- .60- .60
1877 Conn	190	2 M.	66-66-66	1.60-1.65-1.63
1877 Mass	190	1 M.	60-60-60	.75- .75- .75
1877 Mass	190	4 F.	60-60-60	.85- .85- .85
1877 R. I	190	1 M.	72-72-72	1.30-1.30-1.30
1877 England	25	(a) (a)	53-53-53	1.05-1.05-1.05
1877 England	45	(a) M.	(a)	.81- .81- .81
1878 Conn	190	1 M.	66-66-66	1.60-1.60-1.60
1878 Mass	190	5 F.	60-60-60	.85- .85- .85
1878 N. H	7	3 F.	60-60-60	.67- .67- .67
1878 R. I	190	1 M.	72-72-72	1.30-1.30-1.30
1878 England	25	(a) (a)	(a)	1.00-1.00-1.00
1879 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1879 Mass	190	5 F.	60-60-60	.80- .80- .80
1879 R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1880 Conn	190	1 M.	66-66-66	1.60-1.60-1.60
1880 Conn	271	1 (a)	66-66-66	.90- .90- .90
1880 Ga	7	3 M.	66-69-68	.80-1.00- .87
1880 Mass	190	6 F.	60-60-60	.80- .80- .80
1880 R. I	190	2 M.	72-72-72	1.25-1.25-1.25
1880 Va	7	2 F.	68-68-68	.83- .83- .83
1881 Conn	190	1 M.	66-66-66	1.60-1.60-1.60
1881 Mass	190	5 F.	60-60-60	.85- .85- .85
1881 N. H	7	8 F.	65-65-65	1.05-1.05-1.05
1881 N. C	7	1 F.	(a)	.33- .33- .33
1881 R. I	190	2 M.	72-72-72	1.25-1.25-1.25
1882 Conn	190	1 M.	66-66-66	1.60-1.60-1.60
1882 Ga	7	2 M.	72-72-72	1.00-1.00-1.00
1882 Mass	190	1 M.	60-60-60	1.25-1.25-1.25
1882 Mass	190	5 F.	60-60-60	.88- .88- .88
1882 R. I	190	2 M.	72-72-72	1.10-1.25-1.18
1882 S. C	7	1 M.	(a)	.75- .75- .75
1882 S. C	7	2 F.	69-69-69	.67- .75- .71
1883 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1883 Ga	7	3 M.	(a)	1.00-1.25-1.08
1883 Ga	7	2 F.	69-69-69	.80- .80- .80
1883 Mass	190	6 F.	60-60-60	.88- .88- .88
1883 Mass	273	4 F.	(a)	1.10-1.10-1.10
1883 R. I	190	2 M.	72-72-72	1.25-1.35-1.30
1883 S. C	7	1 M.	70-70-70	.80- .80- .80
1883 S. C	7	2 F.	72-72-72	.65- .65- .65
1883 England	45	(a) M.	(a)	.81- .81- .81
1883 Scotland	43	(a) M.	56-56-56	.93- .93- .93
1884 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1884 Ga	7	1 M.	66-66-66	.83- .83- .83
1884 Ga	7	2 F.	70-70-70	.80- .80- .80
1884 Mass	190	6 F.	60-60-60	.85- .85- .85
1884 R. I	3	1 F.	(a)	.92- .92- .92
1884 R. I	190	2 M.	60-72-66	1.25-1.75-1.50
1884 S. C	7	1 F.	69-69-69	.67- .67- .67
1884 Va	7	2 M.	69-69-69	1.00-1.00-1.00
1885 Conn	1	1 F.	66-66-66	1.12-1.12-1.12
1885 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1885 Del	1	2 M.	60-60-60	1.83-1.83-1.83
1885 Me	1	2 M.	66-66-66	.80- .80- .80
1885 Me	1	60 F.	66-66-66	.68-1.00- .74
1885 Me	7	2 M.	66-66-66	.45- .82- .64
1885 Me	7	3 F.	66-66-66	.70- .88- .76
1885 Md	1	1 M.	66-66-66	1.25-1.25-1.25
1885 Mass	1	1 M.	60-60-60	1.00-1.00-1.00
1885 Mass	1	11 F.	60-60-60	.68-1.00- .80
1885 Mass	190	5 F.	60-60-60	.85- .85- .85
1885 N. H	1	1 M.	65-65-65	.83- .83- .83
1885 N. Y	1	2 M.	66-66-66	1.56-1.56-1.56
1885 N. Y	1	1 F.	66-66-66	1.12-1.12-1.12
1885 N. C	7	2 M.	(a)	1.00-1.00-1.00
1885 Pa	1	11 M.	60-60-60	1.00-2.00-1.91
1885 R. I	190	2 M.	72-72-72	1.25-1.25-1.25
1885 Tenn	7	5 M.	67-67-67	.70-1.00- .85
1885 Vt	1	19 M.	66-66-66	1.00-2.75-1.17
1885 Va	1	2 M.	66-66-66	.75- .75- .75
1886 Conn	190	1 M.	60-60-60	1.75-1.75-1.75
1886 Mass	190	1 M.	60-60-60	1.00-1.00-1.00
1886 Mass	190	8 F.	60-60-60	.75- .85- .83
1886 N. H	7	1 M.	60-60-60	.95- .95- .95
1886 N. H	7	17 F.	60-60-60	.50-1.05- .85
1886 N. J	325	16 F.	60-60-60	1.00-1.17-1.06
1886 Pa	7	4 M.	60-60-60	1.50-2.33-1.81
1886 Pa	7	1 F.	60-60-60	1.08-1.08-1.08
1886 R. I	3	2 F.	60-60-60	.83-1.29-1.06
1886 R. I	190	2 M.	60-60-60	1.25-1.25-1.25
1886 England	6	(a) M.	57-57-57	.20-1.22- —
1886 England	600	(a) M.	57-57-57	.68-1.11- —
1886 Scotland	600	(a) M.	57-57-57	.91- .91- .91
1887 Conn	190	1 M.	60-60-60	1.75-1.75-1.75
1887 Mass	190	2 M.	60-60-60	1.35-1.50-1.43
1887 Mass	190	7 F.	60-60-60	.75- .90- .86
1887 R. I	190	2 M.	60-60-60	1.25-1.45-1.35
1887 Wis	409	1 (a)	(a)	1.50-1.50-1.50
1887 Germany	6	(a) M.	(a)	.35- .67- —
1888 Conn	6	1 M.	(a)	2.00-2.00-2.00
1888 Conn	190	1 M.	60-60-60	1.90-1.90-1.90
1888 Del	6	1 M.	(a)	1.50-1.50-1.50
1888 Ga	6	14 M.	66-66-66	1.00-1.25-1.12
1888 Ga	6	4 F.	66-66-66	.80-1.00- .90
1888 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1888 Mass	190	8 F.	60-60-60	.80- .90- .88
1888 N. Y	6	2 F.	(a)	1.00-1.07-1.04
1888 Pa	6	2 M.	(a)	1.34-1.50-1.42
1888 R. I	6	14 M.	(a)	1.25-2.25-1.54
1888 R. I	6	2 F.	60-60-60	.90- .90- .90
1888 R. I	190	2 M.	60-60-60	1.25-1.50-1.38
1888 S. C	3	1 F.	65-65-65	.59- .59 .59
1888 S. C	6	1 (a)	66-66-66	.70- .70- .70
1888 Va	6	6 F.	(a)	.50- .75- .69
1888 Canada	470	(a) M.	60-60-60	1.25-1.25-1.25
1888 Canada	470	(a) F.	60-60-60	.67- .67- .67
1888 Germany	6	(a) M.	(a)	.71- .87- —
1889 Conn	6	1 M.	(a)	1.50-1.50-1.50
1889 Conn	6	2 F.	b60-60-60	1.00-1.08-1.04
1889 Conn	190	1 M.	60-60-60	1.90-1.90-1.90
1889 Me	6	4 M.	c60-60-60	1.13-2.00-1.63
1889 Me	6	53 F.	d60-60-60	.72-1.00- .83
1889 Md	6	6 M.	(a)	.62-1.13- .79
1889 Mass	6	5 M.	60-60-60	1.20-1.25-1.21
1889 Mass	6	2 F.	60-60-60	1.00-1.00-1.00
1889 Mass	190	1 M.	60-60-60	1.55-1.55-1.55
1889 Mass	190	8 F.	60-60-60	.90-1.00- .93
1889 Mo	6	1 M.	(a)	2.50-2.50-2.50
1889 N. H	6	4 M.	e60-60-60	.75-1.15-1.03
1889 N. H	6	46 F.	f60-60-60	.72-1.05- .94
1889 N. Y	6	3 M.	(a)	1.63-2.00-1.76
1889 N. Y	6	5 F.	60-60-60	.54- .67- .61
1889 N. C	6	1 M.	(a)	1.50-1.50-1.50
1889 Pa	6	2 M.	(a)	2.17-2.63-2.40
1889 R. I	6	1 M.	(a)	.84- .84- .84
1889 R. I	6	3 F.	(a)	.84-1.10- .93
1889 R. I	190	2 M.	60-60-60	1.25-1.50-1.38
1889 Va	6	3 M.	(a)	1.00-1.50-1.17
1889 England	6	(a) M.	57-57-57	.89-1.14- —
1889 France	6	(a) M.	(a)	.44- .87- —
1890 Ala	6	1 F.	(a)	.60- .60- .60
1890 Conn	190	1 M.	60-60-60	1.90-1.90-1.90
1890 Ky	6	4 M.	(a)	.65-1.00- .74
1890 Me	6	1 M.	60-60-60	1.40-1.40-1.40
1890 Mass	190	2 M.	60-60-60	1.35-2.00-1.68

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 45 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOTH INSPECTORS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Mass	190	9 F.	60-60-60	0.90-1.00- .92
1890 N. H	6	2 M.	60-60-60	1.80-1.80-1.80
1890 N. Y	6	1 M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	6 M.	(a)	1.50-1.69-1.64
1890 N. C	6	1 M.	(a)	1.00-1.00-1.00
1890 R. I	6	3 M.	(a)	1.50-2.17-1.81
1890 R. I	190	2 M.	60-60-60	1.25-1.56-1.41
1890 Germany	6	(a) M.	66-66-66	.53- .53- .53
1890 Scotland	6	(a) M.	56-56-56	.77-1.14- —
1891 Conn	190	1 M.	60-60-60	1.90-1.90-1.90
1891 Mass	190	2 M.	60-60-60	1.32-2.00-1.66
1891 Mass	190	8 F.	60-60-60	.90-1.22- .98
1891 N. J	6	1 F.	60-60-60	1.00-1.00-1.00
1891 N. Y	333	7 M.	(a)	1.50-1.69-1.62
1891 R. I	190	2 M.	60-60-60	1.25-1.50-1.38
1892 Conn	190	2 M.	60-60-60	1.50-2.00-1.75
1892 Me	258	1 M.	60-60-60	.94- .94- .94
1892 Me	258	53 F.	60-60-60	.72-1.25- .84
1892 Mass	20	2 F.	58-58-58	1.09-1.09-1.09
1892 Mass	190	4 M.	58-58-58	1.16-1.45-1.23
1892 Mass	190	9 F.	58-58-58	.87-1.13- .90
1892 N. Y	20	1 M.	60-60-60	1.42-1.42-1.42
1892 R. I	190	2 M.	60-60-60	1.50-1.75-1.63
1892 France	505	(a) M.	72-72-72	.92-1.01- —
1893 Mass	20	1 F.	58-58-58	1.21-1.21-1.21
1893 N. Y	20	1 M.	60-60-60	1.42-1.42-1.42
1894 Mass	20	1 F.	58-58-58	1.09-1.09-1.09
1894 N. Y	20	1 M.	60-60-60	1.42-1.42-1.42
1894 N. C	8	4 M.	60-72-65	.50-1.00- .63
1894 R. I	401	6 (a)	(a)	1.50-2.50-1.86
1895 Ga	7	3 M.	66-66-66	1.00-1.00-1.00
1895 Ga	7	2 F.	66-66-66	.80- .80- .80
1895 Ga	8	2 M.	66-66-66	1.25-1.25-1.25
1895 Ga	8	2 F.	66-66-66	.65- .65- .65
1895 Me	7	1 M.	60-60-60	1.00-1.00-1.00
1895 Me	7	5 F.	60-60-60	.80- .90- .82
1895 Mass	7	1 M.	58-58-58	1.06-1.06-1.06
1895 Mass	7	4 F.	58-58-58	.83-1.00- .88
1895 Mass	20	1 F.	58-58-58	1.09-1.09-1.09
1895 N. H	7	19 F.	60-60-60	.75-1.05- .92
1895 N. Y	20	1 M.	60-60-60	1.42-1.42-1.42
1895 N. C	7	4 M.	69-72-71	.50-1.25- .75
1895 N. C	7	5 F.	72-72-72	.50- .75- .60
1895 N. C	8	1 M.	68-68-68	.90- .90- .90
1895 N. C	8	2 F.	72-72-72	.75- .75- .75
1895 S. C	7	3 M.	66-66-66	.65- .80- .75
1895 S. C	7	19 F.	66-66-66	.60- .65- .64
1895 Tenn	7	3 M.	67-67-67	.95-1.00- .98
1895 Tenn	7	13 F.	67-67-67	.40- .60- .49
1895 Va	7	2 M.	60-60-60	1.00-1.00-1.00
1895 Va	7	2 F.	60-60-60	.82- .82- .82
1896 Ga	7	3 M.	66-66-66	.75- .75- .75
1896 Ga	7	24 F.	66-66-66	.75-1.25- .97
1896 N. H	7	18 F.	60-60-60	.83-1.05- .93
1896 N. C	7	2 F.	69-69-69	.40- .40- .40
1896 Pa	7	5 M.	60-60-60	1.33-3.00-1.88
1896 Pa	7	1 F.	60-60-60	1.00-1.00-1.00
1896 S. C	7	1 M.	66-66-66	1.00-1.00-1.00
1896 S. C	7	2 F.	66-66-66	.75- .85- .80

CLOTH INSPECTORS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Vt	1	2 M.	66-66-66	1.25-1.25-1.25
1886 Pa	7	8 M.	60-60-60	.50-1.04- .88
1886 England	600	(a) M.	57-57-57	.43- .71- —
1886 Scotland	600	(a) M.	57-57-57	.22- .22- .22
1886 Scotland	600	(a) F.	57-57-57	.45- .45- .45
1896 Pa	7	3 M.	60-60-60	.67-1.00- .83

CLOTH LAPPERS, LINEN GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 England	572	(a) M.	57-58 —	.43- .98- —
1883 England	572	(a) F.	57-57-57	.28- .28- .28
1883 Ireland	572	(a) M.	56-56-56	.81- .81- .81
1883 Scotland	572	(a) M.	56-56-56	.81- .81- .81
1883 Scotland	572	(a) F.	56-56-56	.47- .47- .47
1886 Ireland	600	(a) M.	57-57-57	.35- .81- —
1886 Scotland	600	(a) M.	57-57-57	.26- .78- —
1886 Scotland	600	(a) F.	57-57-57	.42- .42- .42
1893 Ireland	632	(a) F.	(a)	.41- .41- .41

CLOTH PASSERS, LINEN GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Ireland	570	(a) M.	56-56-56	1.05-1.05-1.05
1880 England	571	(a) M.	56-56-56	1.22-1.22-1.22
1883 Ireland	572	(a) M.	56-56-56	1.14-1.14-1.14
1886 Ireland	600	(a) M.	57-57-57	.78- .78- .78
1886 Scotland	600	(a) M.	57-57-57	.80- .80- .80
1886 Scotland	600	(a) F.	57-57-57	.44- .44- .44

CLOTH PICKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Russia	609	(a) M.	(a)	.20- .20- .20
1869 Russia	185	(a) M.	(a)	.16- .16- .16
1877 Ireland	570	(a) M.	56-56-56	.36- .36- .36
1880 England	571	(a) F.	56-56-56	.41- .41- .41
1880 Scotland	571	(a) F.	56-56-56	.53- .53- .53
1883 England	572	(a) F.	57-57-57	.55- .55- .55
1883 Ireland	572	(a) F.	56-56-56	.32- .32- .32
1883 Scotland	572	(a) F.	56-56-56	.53- .53- .53
1886 England	600	(a) F.	57-57-57	.40- .40- .40
1886 England	601	(a) F.	57-57-57	.47- .47- .47
1886 Ireland	600	(a) F.	57-57-57	.31- .34- —
1886 Scotland	600	(a) F.	57-57-57	.19- .42- —
1886 Scotland	601	(a) M.	56-56-56	.50- .67- —
1886 Scotland	601	(a) F.	56-56-56	.38- .38- .38

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CLOTH ROOM HANDS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Me	271	1 (a)	66-66-66	1.17-1.17-1.17
1880 Mass	7	1 M.	60-60-60	1.10-1.10-1.10
1880 R. I	271	1 (a)	66-66-66	1.25-1.25-1.25
1883 Ga	7	1 M.	(a)	1.00-1.00-1.00
1883 Mass	273	3 M.	(a)	1.35-1.50-1.41
1883 Gr't Brit	273	(a) M.	(a)	.61-1.30- —
1883 Gr't Brit	273	(a) F.	(a)	.49- .89- —
1883 Gr't Brit	273	(a) (a)	(a)	.16- .65- —
1884 La	7	3 M.	63-66-64	.92-1.50-1.14
1885 Conn	7	8 M.	60-60-60	.67-1.50- .97
1885 Del	1	6 M.	60-60-60	1.00-1.00-1.00
1885 Ga	1	1 M.	69-69-69	1.50-1.50-1.50
1885 N. Y	1	11 M.	60-60-60	.50-1.00- .61
1886 R. I	7	29 M.	60-60-60	.50-1.33- .74
1888 N. Y	331	2 M.	(a)	1.34-1.34-1.34
1888 S. C	6	4 M.	(a)	.50- .50- .50
1888 S. C	6	1 (a)	66-66-66	.70- .70- .70
1888 Germany	6	(a) M.	(a)	.52- .63- —
1889 Me	6	2 F.	60-60-60	1.00-1.00-1.00
1889 Md	6	2 M.	(a)	.50- .54- .52
1889 Mass	6	1 M.	60-60-60	.96- .96- .96
1889 Mass	6	12 F.	60-60-60	1.00-1.00-1.00
1889 N. H	6	2 F.	60-60-60	1.15-1.15-1.15
1889 N. Y	6	3 M.	60-60-60	1.00-1.00-1.00
1889 Pa	6	2 M.	(a)	1.00-1..7-1..09
1889 Va	6	2 M.	(a)	.84- 84- .84
1889 France	6	(a) M.	(a)	.74-2.22- —
1890 N. Y	333	15 M.	(a)	.48-1.25- .90
1891 N. Y	333	15 M.	(a)	.48-1.25- .90
1892 Me	258	5 M.	60-60-60	.90-1.15-1.10
1892 Russia	692	(a) (a)	(a)	.17- .53- —
1893 Mass	20	2 F.	58-58-58	1.34-1.34-1.34
1894 Mass	20	2 F.	58-58-58	1.21-1.21-1.21
1894 N. C	8	1 M.	66-66-66	1.00-1.00-1.00
1895 Conn	7	1 M.	60-60-60	1.25-1.25-1.25
1895 Ga	8	2 M.	66-66-66	.95- .95- .95
1895 La	7	6 M.	60-63-63	.42-1.50- .94
1895 Mass	7	24 M.	60-60-60	1.25-1.50-1.29
1895 Mass	20	2 F.	58-58-58	1.21-1.21-1.21
1895 N. C	8	2 M.	66-66-66	.70- .75- .73
1896 Conn	7	9 M.	60-60-60	.81-1.50-1.28
1896 Ga	7	1 M.	66-66-66	1.50-1.50-1.50
1896 R. I	7	37 M.	60-60-60	.50-1.35- .71
1897 Va	404	33 M.	b 72-72-72	1.03-1.16-1.06
1897 Va	404	28 F.	b 60-60-60	.65- .66- .65

CLOTH WINDERS, BLEACHING, DYEING, AND PRINTING.

1841	England	625	(a)	(a)	(a)	.12- .16- —	1895	Mass	7	8	M.	58-60-60	1.00-1.25-1.22
1885	Conn	7	4	M.	60-60-60	1.30-1.50-1.43	1896	Conn	7	5	M.	60-60-60	1.25-1.50-1.37

COACHERS, IRON AND STEEL.

1888	England	5	(a)	M.	(a)	.24- .55- —	1889	England	5	(a)	M.	c 66-66-66	.24- .81- —

COACH MAKERS.

1821	Ireland	572	(a)	(a)	(a)	1.05-1.05-1.05	1878	Scotland	177	(a)	M.	51-51-51	1.13-1.13-1.13
1822	Ireland	572	(a)	(a)	(a)	1.05-1.05-1.05	1879	France	499	(a)	M.	(a)	.56-1.35- —
1823	Ireland	572	(a)	(a)	(a)	1.01-1.01-1.01	1880	France	500	(a)	M.	(a)	.58-1.54- —
1824	Ireland	572	(a)	(a)	(a)	1.01-1.01-1.01	1881	France	501	(a)	M.	(a)	.59-1.54- —
1825	Ireland	572	(a)	(a)	(a)	.97- .97- .97	1882	Pa	387	4	M.	60-66-62	1.00-2.00-1.75
1826	Ireland	572	(a)	(a)	(a)	.97- .97- .97	1882	France	502	(a)	M.	(a)	.60-1.54- —
1827	Ireland	572	(a)	(a)	(a)	.97- .97- .97	1883	France	503	(a)	M.	(a)	.60-1.54- —
1828	Ireland	572	(a)	(a)	(a)	.97- .97- .97	1883	Ireland	43	(a)	(a)	(a)	.97- .97- .97
1829	Ireland	572	(a)	(a)	(a)	.89- .89- .89	1884	England	178	(a)	M.	57-57-57	.81-1.62- —
1830	Ireland	572	(a)	(a)	(a)	.85- .85- .85	1884	France	504	(a)	M.	(a)	.61-1.54- —
1831	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1884	Spain	178	(a)	M.	60-60-60	.60- .80- —
1832	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1885	Kans	239	3	M.	48-48-48	1.80-1.80-1.80
1833	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1885	France	494	(a)	M.	(a)	.71-1.16- —
1834	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1886	C. of G'd H.	483	(a)	(a)	(a)	1.46-4.06- —
1853	France	113	(a)	M.	(a)	.43- .77- —	1887	N. C	342	1	M.	60-60-60	1.14-1.14-1.14
1870	Germany	610	(a)	M.	60-60-60	d .81-1.01- —	1887	Australia	420	(a)	(a)	48-48-48	1.95-2.43- —
1870	Netherl'ds	610	(a)	M.	60-60-60	.36- .36- .36	1887	France	495	(a)	M.	(a)	.71-1.16- —
1871	England	185	(a)	(a)	(a)	1.01-1.61- —	1888	N. C	343	3	M.	60-72-64	.92-1.50-1.14
1872	Netherl'ds	185	(a)	(a)	66-66-66	.44-1.11- —	1888	Australia	421	(a)	M.	48-48-48	1.95-2.43- —
1873	Scotland	177	(a)	M.	(a)	.96- .96- .96	1888	C. of G'd H.	483	(a)	(a)	(a)	3.65-3.65-3.65
1875	France	177	(a)	M.	(a)	1.00-1.40- —	1889	Australia	422	(a)	(a)	48-48-48	1.95-2.43- —
1875	France	496	(a)	M.	(a)	.52-1.35- —	1889	Spain	515	(a)	M.	(a)	.87-1.35- —
1876	France	497	(a)	M.	(a)	.51-1.35- —	1890	Australia	423	(a)	(a)	48-48-48	1.95-2.43- —
1878	England	177	(a)	M.	54-54-54	1.38-1.38-1.38	1890	C. of G'd H.	484	(a)	(a)	(a)	1.46-4.87- —
1878	France	177	(a)	(a)	(a)	.64- .64- .64	1890	C. of G'd H.	486	(a)	M.	(a)	1.22-2.92- —
1878	France	498	(a)	M.	(a)	.56-1.35- —	1891	Scotland	576	(a)	M.	(a)	.97-1.46- —

a Not reported.
b Not including hours of 8 persons not reported.
c Applies to but 2 of the 32 wage quotations.
d And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COACH MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Australia .	414	(a)	(a)	(a)	2.19-2.43- —
1892 C.of G'd H.	486	(a)	M.	(a)	1.10-3.04- —
1892 England ..	577	(a)	M.	(a)	1.22-1.70- —
1892 Gr't Brit ..	577	(a)	M.	(a)	.81-1.62- —
1892 Scotland ..	577	(a)	M.	(a)	1.14-1.22- —
1893 N. Y.....	10	1	M.	59-59-59	3.00-3.00-3.00
1893 N. Zealand	668	(a)	M.	48-48-48	2.43-2.43-2.43
1894 Spain	632	(a)	(a)	(a)	.53- .72- —
1895 France....	513	(a)	M.	60-60-60	0.77-0.77-0.77
1896 France....	505	(a)	M.	60-60-60	.77- .97- —
1897 Australia .	418	(a)	(a)	(a)	1.62-2.03- —
1897 Australia .	418	(a)	(a)	(a)	b .24½-.30½- —
1898 Australia .	419	(a)	(a)	(a)	1.70-2.43- —
1898 Australia .	419	(a)	(a)	(a)	b .24½-.30½- —
1899 N. C	353	1	M.	60-60-60	1.50-1.50-1.50

COACHMEN.

1869 Spain	609	(a)	M.	(a)	c.41- .41- .41
1870 Norway ...	610	(a)	M.	(a)	d.18- .24- —
1871 Italy	165	(a)	M.	(a)	.46- .66- —
1873 Persia.....	184	(a)	M.	(a)	.20- .20- .20
1875 France....	177	(a)	M.	(a)	.17- .55- —
1876 Australia .	171	(a)	M.	(a)	e.60- .87- —
1878 Germany..	177	(a)	M.	(a)	.28- .28- .28
1878 Scotland ..	177	(a)	M.	(a)	.55- .69- —
1880 N. J	319	1	(a)	78-78-78	1.38-1.38-1.38
1881 Australia..	431	(a)	M.	(a)	f .60- .87- —
1882 Mo	294	1	M.	(a)	1.37-1.37-1.37
1883 Mich.....	277	55	M.	(a)	.33-1.81-1.01
1883 Germany..	47	(a)	(a)	84-84-84	.56- .56- .56
1883 Ireland ...	43	(a)	(a)	(a)	.49- .70- —
1884 Mich.....	278	8	M.	(a)	.53-1.32- .87
1884 Aust-Hun .	178	(a)	M.	60-60-60	.50- .71- —
1884 Aust-Hun .	178	(a)	M.	(a)	f .21- .66- —
1884 Belgium ..	178	(a)	M.	(a)	.32- .51- —
1884 Belgium ..	178	(a)	M.	(a)	f .16- .49- —
1884 Belgium ..	178	(a)	M.	(a)	g .38- .63- —
1884 Br. Hond..	178	(a)	M.	(a)	e .49- .85- —
1884 Canada ...	178	(a)	M.	(a)	.66- .99- —
1884 Canada	466	(a)	M.	69-69-69	1.13-1.13-1.13
1884 C.of G'd H.	483	(a)	(a)	(a)	.72- .72- .72
1884 Ceylon....	178	(a)	(a)	(a)	.13- .33- —
1884 Cuba.....	178	(a)	(a)	(a)	.52- .61- —
1884 Denmark .	178	(a)	M.	(a)	f .14- .35- —
1884 England ..	178	(a)	M.	(a)	.27-1.04- —
1884 England ..	178	(a)	M.	(a)	f .52- .71- —
1884 France....	178	(a)	M.	(a)	.38- .79- —
1884 France....	178	(a)	M.	(a)	e .42- .63- —
1884 Germany..	71	(a)	M.	91-91-91	.55- .55- .55
1884 Germany..	178	(a)	M.	(a)	.09- .70- —
1884 Germany..	178	(a)	M.	h60-60-60	f .07- .78- —
1884 Hawai. Is .	178	(a)	(a)	(a)	.71-1.00- —
1884 Ireland ...	178	(a)	(a)	(a)	i .27- .40- —
1884 Italy	178	(a)	M.	(a)	.59-1.81- —
1884 Italy	178	(a)	M.	(a)	f .25- .95- —
1884 Malta	178	(a)	M.	(a)	.49- .64- —
1884 Mexico....	178	(a)	(a)	(a)	.33- .99- —
1884 Netherl'ds	178	(a)	M.	(a)	.50- .71- —
1884 Netherl'ds	178	(a)	M.	j60-60-60	f .82-1.33- —
1884 Persia.....	178	(a)	(a)	(a)	.16- .27- —
1884 Peru	178	(a)	M.	(a)	.66- .66- .66
1884 Philip. Is..	178	(a)	(a)	(a)	i .13- .33- —
1884 Portugal ..	178	(a)	M.	(a)	c .80-1.00- —
1884 Russia	178	(a)	M.	(a)	f .09- .64- —
1884 Scotland ..	178	(a)	M.	(a)	.72- .72- .72
1884 Spain	178	(a)	M.	(a)	.48-1.32- —
1884 Spain	178	(a)	M.	(a)	e .13- .66- —
1884 Spain	178	(a)	M.	j63-63-63	i .45-1.25- —
1884 Switzerl'd.	178	(a)	M.	(a)	f .19- .22- —
1884 Venezuela	178	(a)	M.	(a)	f .33- .66- —
1885 Australia..	175	(a)	M.	(a)	f .69-1.04- —
1885 Australia..	431	(a)	M.	(a)	f .60- .87- —
1885 Germany..	71	(a)	M.	91-91-91	.45- .45- .45
1885 Germany..	547	(a)	M.	(a)	.59- .78- —
1886 Ill.....	208	5	M.	98-98-98	.99- .99- .99
1886 Canada ...	73	(a)	M.	(a)	.72- .72- .72
1886 Canada ...	468	(a)	M.	84-84-84	1.14-1.14-1.14
1886 C.of G'd H.	483	(a)	(a)	(a)	.32- .78- —
1886 C.of G'd H.	483	(a)	(a)	(a)	e .16-1.39- —
1886 Germany..	175	(a)	M.	(a)	.62- .62- .62
1887 Germany..	557	(a)	(a)	(a)	.78- .78- .78
1888 Australia..	421	(a)	M.	(a)	e .69- .69- .69
1888 C.of G'd H.	483	(a)	(a)	(a)	.20-1.39- —
1888 C.of G'd H.	483	(a)	(a)	(a)	e .12- .80- —
1889 Australia..	422	(a)	M.	(a)	f .70- .70- .70
1890 Australia..	423	(a)	M.	(a)	f .70- .70- .70
1890 C.of G'd H.	484	(a)	M.	(a)	.16- .78- —
1890 C.of G'd H.	484	(a)	M.	(a)	e .12-1.28- —
1890 Spain	632	(a)	(a)	(a)	.63- .63- .63
1891 Wis	411	1	M.	(a)	1.50-1.50-1.50
1891 Germany .	11	(a)	M.	(a)	.49- .49- .49
1892 Australia .	424	(a)	M.	(a)	f .52- .63- —
1892 C.of G'd H.	486	(a)	M.	(a)	.61-1.22- —
1892 Scotland ..	11	(a)	M.	(a)	.87- .87- .87
1892 Spain	115	(a)	M.	(a)	.50- .70- —
1893 Ill.....	10	1	M.	78-78-78	1.71-1.71-1.71
1893 Ill.....	10	1	M.	92-92-92	e1.71-1.71-1.71
1893 Md.....	10	4	M.	60-105-78	.32-1.71- .92
1893 N. Y.....	10	5	M.	k 69-91-81	1.43-2.57-1.91
1893 Pa	10	1	M.	70-70-70	1.43-1.43-1.43
1893 Wis	412	1	M.	(a)	1.50-1.50-1.50
1893 Germany .	11	(a)	M.	(a)	.68- .68- .68
1894 N. H	316	1	M.	72-72-72	1.43-1.43-1.43
1894 Australia .	425	(a)	M.	(a)	f .52- .87- —
1894 C.of G'd H.	487	(a)	M.	70-84 —	.64-1.56- —
1894 C.of G'd H.	487	(a)	M.	77-77-77	f .52- .52- .52
1895 Australia .	426	(a)	M.	(a)	f .52- .87- —
1895 China.....	136	(a)	M.	(a)	e.10- .21- —
1895 Greece	137	(a)	(a)	(a)	.29- .36- —
1896 D. C	15	1	M.	(a)	.89- .89- .89
1896 Ga	15	6	M.	(a)	.43-1.07- .69
1896 Mass.....	15	3	M.	(a)	1.57-1.71-1.67
1896 N. Y.....	336	90	M.	(a)	.86-2.14-1.41
1896 Australia .	427	(a)	M.	(a)	f .52- .87- —
1896 Belgium ..	184	(a)	M.	(a)	.44- .51- —
1896 Mexico....	184	(a)	M.	(a)	.16- .51- —
1896 Persia.....	184	(a)	M.	(a)	.16- .16- .16
1897 Australia .	428	(a)	M.	(a)	f .52- .70- —
1898 Australia .	429	(a)	M.	(a)	f .43- .70- —
1898 C.of G'd H.	149	(a)	(a)	(a)	e.89- .89- .89

a Not reported.
b Per hour.
c And lodging.
d And board and livery.
e And board.
f And board and lodging.
g And board, lodging, and clothing.
h Applies to but 3 of the 29 wage quotations.
i And board and clothing.
j Applies to but 2 of the 4 wage quotations.
k Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COACH PAD MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 N. J	321	2 M.	(a)	2.67-2.67-2.67
1893 Ohio	374	3 M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	2 F.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	21 M.	54-60-55	0.87-1.50-0.93
1896 Ohio	377	15 M.	60-60-60	1.44-1.44-1.44
1896 Ohio	377	8 F.	60-60-60	.80- .80- .80

COAL HANDLERS.

1843	N. Y.	190	2	M.	60-60-60	.75- .75- .75	1876	Pa	381	39	M.	(a)	1.00-2.18-1.24
1845	N. Y.	190	4	M.	60-60-60	.88- .88- .88	1877	Mass	190	3	M.	60-60-60	1.50-1.50-1.50
1846	N. Y.	190	4	M.	60-60-60	.88-1.00- .97	1877	N. Y.	190	10	M.	60-60-60	1.20-1.30-1.28
1847	N. Y.	190	3	M.	60-60-60	.84-1.00- .95	1877	Ohio	359	4	M.	(a)	2.00-2.00-2.00
1848	N. Y.	190	2	M.	60-60-60	1.13-1.13-1.13	1877	Pa	382	8	M.	60-60-60	1.50-1.50-1.50
1849	N. Y.	190	2	M.	60-60-60	1.13-1.13-1.13	1877	England	570	(a)	M.	50-84 —	.66- .96- —
1850	N. Y.	190	2	M.	60-60-60	1.13-1.13-1.13	1877	Germany	177	(a)	M.	(a)	.50- .52- —
1851	N. Y.	190	5	M.	60-60-60	.75-1.13-1.00	1877	Ireland	570	(a)	M.	84-84-84	.93- .93- .93
1852	N. Y.	190	2	M.	60-60-60	1.13-1.13-1.13	1878	Mass	190	7	M.	60-60-60	1.50-1.50-1.50
1853	N. Y.	190	9	M.	60-60-60	.75-1.13- .90	1878	N. Y.	190	23	M.	60-60-60	1.08-1.30-1.21
1854	N. Y.	190	9	M.	60-60-60	.88-1.13- .93	1878	Pa	383	6	M.	60-60-60	1.75-1.75-1.75
1855	N. Y.	190	10	M.	60-60-60	.81-1.13- .92	1878	England	177	(a)	M.	54-54-54	.80-1.20- —
1856	Mass	190	3	M.	60-60-60	1.00-1.00-1.00	1878	Germany	177	(a)	M.	(a)	.44- .60- —
1856	N. Y.	190	4	M.	60-60-60	1.00-1.13-1.06	1879	Mass	190	6	M.	60-60-60	1.50-1.50-1.50
1857	Mass	190	2	M.	60-60-60	1.00-1.00-1.00	1879	N. J	318	1	(a)	60-60-60	1.50-1.50-1.50
1857	N. Y.	190	9	M.	60-60-60	.75-1.13- .93	1879	N. Y.	190	13	M.	60-60-60	1.08-1.15-1.13
1857	Pa	384	1	M.	(a)	1.00-1.00-1.00	1879	Ohio	190	37	M.	72-72-72	1.75-1.75-1.75
1858	Mass	190	3	M.	60-60-60	1.00-1.00-1.00	1879	Pa	384	24	M.	b60-60-60	1.00-1.09-1.09
1858	N. Y.	190	6	M.	60-60-60	.75-1.00- .83	1880	Ga	7	1	M.	69-69-69	.90- .90- .90
1859	Mass	190	3	M.	60-60-60	1.00-1.00-1.00	1880	Mass	190	8	M.	60-60-60	1.50-1.50-1.50
1859	N. Y.	190	10	M.	60-60-60	.75-1.13- .90	1880	N. Y.	190	31	M.	60-60-60	1.25-1.60-1.41
1860	Mass	190	3	M.	60-60-60	1.00-1.00-1.00	1880	Ohio	362	38	M.	b72-72-72	1.75-1.83-1.75
1860	N. Y.	190	11	M.	60-60-60	.75-1.13- .89	1880	England	571	(a)	M.	c55-55-55	.81-1.38- —
1861	Mass	190	4	M.	60-60-60	1.00-1.00-1.00	1880	Ireland	571	(a)	M.	84-84-84	.85- .85- .85
1861	N. Y.	190	9	M.	60-60-60	.81-1.13- .92	1881	Conn	2	5	M.	59-59-59	1.25-1.25-1.25
1862	Mass	190	2	M.	60-60-60	1.00-1.00-1.00	1881	Ga	7	1	M.	60-60-60	1.00-1.00-1.00
1862	N. Y.	190	15	M.	60-60-60	.81-1.38-1.04	1881	Mass	190	10	M.	60-60-60	1.50-1.50-1.50
1863	Mass	190	2	M.	60-60-60	1.00-1.00-1.00	1881	N. Y.	190	21	M.	60-60-60	1.25-1.60-1.55
1863	N. Y.	190	10	M.	60-60-60	.88-1.50-1.28	1881	Ohio	190	50	M.	72-72-72	1.75-1.75-1.75
1863	Pa	384	1	M.	(a)	1.00-1.00-1.00	1882	Mass	190	4	M.	60-60-60	1.50-1.50-1.50
1864	Mass	190	5	M.	60-60-60	1.38-1.50-1.43	1882	N. Y.	190	17	M.	60-60-60	1.60-1.60-1.60
1864	N. Y.	190	25	M.	60-60-60	1.25-1.75-1.49	1882	N. C	7	1	M.	(a)	.67- .67- .67
1865	Mass	190	1	M.	60-60-60	1.50-1.50-1.50	1882	Ohio	190	50	M.	72-72-72	1.75-1.75-1.75
1865	N. Y.	190	15	M.	60-60-60	1.38-1.88-1.78	1882	Ohio	364	3	(a)	60-60-60	1.66-1.66-1.66
1866	Mass	190	2	M.	60-60-60	1.50-1.50-1.50	1882	Aust-Hun	178	(a)	M.	60-60-60	.27- .38- —
1866	N. Y.	190	16	M.	60-60-60	1.38-1.87-1.76	1883	Ga	7	1	M.	(a)	1.17-1.17-1.17
1866	England	566	(a)	M.	(a)	.61-1.01- —	1883	Mass	190	3	M.	60-60-60	1.50-1.50-1.50
1867	Ga	7	1	M.	66-66-66	.83- .83- .83	1883	N. Y.	190	29	M.	60-60-60	1.31-1.57-1.48
1867	Mass	190	4	M.	60-60-60	1.75-1.75-1.75	1883	Ohio	190	67	M.	72-72-72	1.75-1.75-1.75
1867	N. Y.	190	22	M.	60-60-60	1.38-1.88-1.61	1883	England	572	(a)	(a)	45-60 —	1.01-1.18- —
1868	Mass	190	3	M.	60-60-60	2.00-2.00-2.00	1883	Scotland	572	(a)	(a)	56-72 —	.85- .95- —
1868	N. Y.	190	17	M.	60-60-60	1.38-1.63-1.58	1884	Ga	7	2	M.	66-66-66	1.00-1.00-1.00
1869	Mass	190	3	M.	60-60-60	2.00-2.00-2.00	1884	Mass	190	6	M.	60-60-60	1.50-1.50-1.50
1869	N. Y.	190	29	M.	60-60-60	1.38-1.75-1.64	1884	N. Y.	190	20	M.	60-60-60	1.30-1.35-1.34
1870	Mass	190	4	M.	60-60-60	2.00-2.00-2.00	1884	Ohio	190	70	M.	72-72-72	1.75-1.75-1.75
1870	N. Y.	190	35	M.	60-60-60	1.38-1.75-1.68	1884	Pa	388	339	M.	(a)	1.37-1.37-1.37
1870	England	177	(a)	M.	61-61-61	.72- .80- —	1884	England	178	(a)	M.	54-60 —	.57-1.00- —
1871	Mass	190	5	M.	60-60-60	2.00-2.00-2.00	1884	France	178	(a)	M.	(a)	.52- .56- —
1871	N. Y.	190	31	M.	60-60-60	1.38-1.75-1.66	1884	Germany	178	(a)	M.	d72-72-72	.27- .57- —
1871	Pa	384	1	M.	(a)	1.15-1.15-1.15	1884	Ireland	178	(a)	M.	56-56-56	.89-1.01- —
1872	Mass	190	6	M.	60-60-60	2.00-2.00-2.00	1884	Italy	178	(a)	M.	(a)	.44- .44- .44
1872	N. Y.	190	40	M.	60-60-60	1.38-1.88-1.72	1884	Malta	178	(a)	M.	(a)	.32- .32- .32
1873	Mass	190	4	M.	60-60-60	2.25-2.25-2.25	1884	Peru	178	(a)	M.	(a)	.98- .98- .98
1873	N. Y.	190	38	M.	60-60-60	1.38-1.88-1.70	1884	Spain	178	(a)	M.	(a)	.44-1.34- —
1874	Mass	190	3	M.	60-60-60	2.00-2.00-2.00	1884	Tunis	178	(a)	M.	(a)	.60- .60- .60
1874	N. Y.	190	16	M.	60-60-60	1.38-1.60-1.59	1884	Wales	178	(a)	M.	e54-54-54	.81- .97- —
1875	Mass	190	8	M.	60-60-60	2.00-2.00-2.00	1885	Cal	1	2	M.	60-60-60	1.25-1.25-1.25
1875	N. Y.	190	18	M.	60-60-60	1.20-1.50-1.40	1885	Mass	190	6	M.	60-60-60	1.50-1.50-1.50
1876	Mass	190	4	M.	60-60-60	1.83-1.83-1.83	1885	Mich	279	42	M.	(a)	1.10-1.75-1.36
1876	N. Y.	190	19	M.	60-60-60	1.13-1.30-1.28	1885	N. Y.	190	14	M.	60-60-60	1.13-1.31-1.24

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 3 of the 6 wage quotations.
d Applies to but 3 of the 8 wage quotations.
e Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COAL HANDLERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ohio	1	1 M.	66-66-66	2.00-2.00-2.00
1885 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1885 Pa	1	2 M.	60-60-60	1.50-1.50-1.50
1885 Pa	389	386 M.	(a)	1.38-1.38-1.38
1885 Gr't Brit	1	(a) M.	72-72-72	1.20-1.20-1.20
1885 Italy	1	(a) M.	72-72-72	.44- .44- .44
1886 Mass	190	6 M.	60-60-60	1.50-1.50-1.50
1886 N. H	2	12 M.	60-60-60	1.25-1.25-1.25
1886 N. Y	190	28 M.	60-60-60	1.13-1.63-1.35
1886 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1886 England	603	(a) M.	(a)	.89-2.05- —
1886 France	66	(a) M.	(a)	.85- .85- .85
1886 Germany	548	(a) (a)	(a)	.71-1.03- —
1886 Scotland	603	(a) M.	(a)	.76- .76- .76
1886 Spain	66	(a) M.	(a)	.85- .85- .85
1887 Conn	4	17 M.	(a)	1.34-1.73-1.48
1887 Del	4	24 M.	(a)	.92-1.50-1.24
1887 Del	4	27 M.	(a)	b .06½- .20- .13
1887 Md	4	6 M.	(a)	.50-1.40-1.04
1887 Mass	4	213 M.	(a)	1.50-2.00-1.52
1887 Mass	190	6 M.	60-60-60	1.50-1.50-1.50
1887 Mich	4	14 M.	(a)	.50- .67- .51
1887 Mo	4	283 M.	(a)	1.00-2.75-1.29
1887 Nebr	312	225 M.	54-60-55	1.25-2.00-1.57
1887 N. J	4	276 M.	60-60-60	2.00-3.00-2.06
1887 N. Y	4	441 M.	(a)	1.00-2.30-1.27
1887 N. Y	190	17 M.	60-60-60	1.25-1.50-1.46
1887 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1887 Ohio	369	9 M.	60-60-60	1.25-1.25-1.25
1887 Oregon	4	49 M.	(a)	1.80-2.00-1.89
1887 Pa	4	237 M.	(a)	1.10-1.75-1.23
1887 R. I	4	8 M.	(a)	1.45-3.50-3.24
1887 R. I	4	29 M.	(a)	b .35- .35- .35
1887 Va	4	16 M.	(a)	.96-1.00-1.00
1887 Wis	4	203 M.	(a)	1.12-1.75-1.40
1887 Wis	409	2 M.	(a)	1.00-1.00-1.00
1887 England	70	(a) M.	(a)	1.22-1.22-1.22
1887 Germany	557	(a) (a)	c 60-60-60	.60-1.03- —
1888 Conn	6	1 M.	(a)	1.10-1.10-1.10
1888 Me	254	1 M.	60-60-60	1.50-1.50-1.50
1888 Mass	6	1 M.	(a)	1.25-1.25-1.25
1888 Mass	190	7 M.	60-60-60	1.50-1.50-1.50
1888 N. Y	6	8 M.	d 60-60-60	1.25-1.38-1.27
1888 N. Y	190	6 M.	60-60-60	1.25-1.50-1.42
1888 N. Y	331	49 M.	e 60-72-67	1.50-2.75-1.82
1888 N. C	6	1 M.	(a)	.90- .90- .90
1888 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1888 R. I	6	4 M.	f 60-60-60	1.00-1.33-1.23
1888 Canada	470	(a) M.	80-80-80	1.60-1.60-1.60
1888 England	5	(a) M.	(a)	.37- .67- —
1888 Germany	558	(a) (a)	60-60-60	.61-1.07- —
1889 Ala	5	10 M.	g 70-84-77	1.00-1.00-1.00
1889 Ill	5	37 M.	72-72-72	1.60-1.75-1.60
1889 Ind	5	2 M.	60-60-60	1.30-1.30-1.30
1889 Ind	6	2 M.	60-60-60	1.67-1.67-1.67
1889 Kans	243	110 M.	h 60-60-60	.34-1.85-1.42
1889 Md	5	4 M.	72-72-72	1.35-1.35-1.35
1889 Mass	6	22 M.	i 60-60-60	1.17-1.35-1.28
1889 Mass	190	9 M.	60-60-60	1.50-1.50-1.50
1889 N. Y	5	77 M.	d 60-72-69	1.20-2.54-1.55
1889 N. Y	6	1 M.	(a)	1.25-1.25-1.25
1889 N. Y	190	16 M.	60-60-60	1.25-1.75-1.44
1889 Ohio	5	1 M.	(a)	1.60-1.60-1.60
1889 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1889 Pa	5	4 M.	60-60-60	1.50-1.50-1.50
1889 R. I	6	4 M.	(a)	1.17-1.17-1.17
1889 Tenn	5	1 M.	(a)	1.25-1.25-1.25
1889 Tenn	6	1 M.	(a)	1.00-1.00-1.00
1889 Belgium	5	(a) M.	70-70-70	.39- .62- —
1889 Belgium	5	(a) F.	70-70-70	.38- .43- —
1889 Canada	471	(a) M.	67-67-67	1.51-1.51-1.51
1889 England	5	(a) M.	72-72-72	1.31-1.31-1.31
1889 England	6	(a) M.	j 57-57-57	.73- .81- —
1889 England	576	(a) M.	72-72-72	.57- .61- —
1889 France	5	(a) M.	k 60-63 —	.53- .70- —
1889 Germany	5	(a) M.	l 72-72-72	.33- .50- —
1890 Ala	6	1 M.	(a)	1.67-1.67-1.67
1890 Ill	6	13 M.	m 60-60-60	1.58-2.50-1.88
1890 Md	6	3 M.	48-60-56	1.67-1.67-1.67
1890 Mass	190	6 M.	60-60-60	1.50-1.50-1.50
1890 Mo	6	1 M.	(a)	2.00-2.00-2.00
1890 N. J	6	4 M.	60-60-60	1.00-1.67-1.36
1890 N. Y	6	16 M.	o 60-60-60	1.13-1.67-1.56
1890 N. Y	190	16 M.	60-60-60	1.25-1.50-1.40
1890 N. Y	333	7 M.	(a)	1.50-1.75-1.68
1890 Ohio	6	4 M.	p 54-60-56	1.69-2.67-2.11
1890 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1890 Pa	6	1 M.	60-60-60	1.50-1.50-1.50
1890 Belgium	6	(a) M.	69-69-69	.80- .83- —
1890 England	180	(a) M.	q 48-48-48	.85-1.09- —
1890 England	576	(a) M.	53-54 —	.69-1.46- —
1890 France	180	(a) M.	72-72-72	.94-1.04- —
1890 Ireland	6	(a) M.	56-56-56	.77- .77- .77
1890 Scotland	6	(a) M.	56-56-56	.67- .67- .67
1891 Mass	190	11 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	190	12 M.	60-60-60	1.25-1.75-1.50
1891 N. Y	333	11 M.	(a)	1.33-1.75-1.56
1891 Ohio	190	70 M.	72-72-72	1.75-1.75-1.75
1891 Belgium	457	(a) M.	72-72-72	.50- .58- —
1891 Belgium	457	(a) F.	62-62-62	.44- .44- .44
1891 France	102	(a) M.	(a)	.44- .52- —
1891 France	505	(a) M.	77-77-77	.77- .97- —
1892 Mass	20	1 M.	58-58-58	1.15-1.15-1.15
1892 Mass	190	9 M.	60-60-60	1.50-1.50-1.50
1892 N. Y	190	2 M.	60-60-60	1.50-1.50-1.50
1892 Ohio	20	86 M.	60-72-70	1.50-2.00-1.60
1892 Ohio	190	34 M.	60-60-60	1.75-1.75-1.75
1892 Ohio	373	4 (a)	60-72-69	1.00-1.25-1.06
1892 England	632	(a) M.	53-54 —	.81-1.46- —
1892 France	505	(a) M.	63-63-63	.77- .87- —
1892 France	632	(a) M.	54-54-54	1.35-1.54- —
1892 Russia	692	(a) (a)	(a)	.28- .32- —
1893 Ill	10	2 M.	54-63-59	1.50-1.50-1.50
1893 Mass	20	1 M.	58-58-58	1.21-1.21-1.21
1893 Mich	285	12 M.	60-81-66	1.10-2.11-1.52
1893 Mo	302	2 M.	72-72-72	1.75-1.75-1.75
1893 N. Y	10	3 M.	60-72-64	1.50-2.00-1.72
1893 Ohio	20	170 M.	60-72-71	1.50-2.00-1.62
1893 Ohio	374	16 M.	54-72-64	1.10-1.35-1.26
1893 England	578	(a) M.	48-48-48	1.05-1.05-1.05
1894 Mass	20	1 M.	58-58-58	1.07-1.07-1.07
1894 Mont	308	28 M.	(a)	1.67-2.30-1.96
1894 N. Y	8	1 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	20	52 M.	60-72-62	1.50-2.00-1.65
1894 Ohio	375	3 M.	60-72-68	1.00-1.25-1.17
1894 Canada	186	(a) M.	(a)	1.53-1.53-1.53
1894 China	186	(a) M.	(a)	.27- .27- .27
1894 England	590	(a) (a)	(a)	1.70-1.95- —

a Not reported.
b Per hour.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 4 persons not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 7 persons not reported.
i Not including hours of 9 persons not reported.
j Applies to but 1 of the 4 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 1 of the 12 wage quotations.
m Not including hours of 10 persons not reported.
o Not including hours of 11 persons not reported.
p Not including hours of 1 person not reported.
q Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COAL HANDLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Ga	7	1 M.	66-66-66	1.00-1.00-1.00	1896 England	592	(a) M.	(a)	1.05-1.14- —
1895 Mass	7	1 M.	56-56-56	1.75-1.75-1.75	1896 Germany	560	(a) M.	(a)	.95-1.19- —
1895 Mass	20	1 M.	58-58-58	1.07-1.07-1.07	1897 Ga	8	1 M.	66-66-66	1.00-1.00-1.00
1895 Mo	304	2 M.	(a)	1.54-2.00-1.77	1897 Mont	311	30 M.	(a)	1.79-1.98-1.86
1895 Mont	309	6 M.	(a)	2.00-2.18-2.06	1897 Nebr	314	2 M.	60-60-60	2.00-2.00-2.00
1895 N. C	7	1 M.	72-72-72	.67- .67- .67	1897 N. Y	337	235 M.	60-72-63	1.50-1.67-1.60
1895 Ohio	20	79 M.	60-72-62	1.50-2.00-1.53	1897 Ohio	377	11 M.	60-72-69	.80-1.70-1.14
1895 Ohio	376	6 M.	b60-72-66	1.00-1.30-1.10	1898 Nebr	314	32 M.	54-60-58	1.25-1.55-1.39
1895 England	585	(a) M.	(a)	1.18-1.33- —	1898 N. Y	338	263 M.	d60-60-60	1.50-2.00-1.62
1896 Ga	7	5 M.	63-66-65	1.00-1.17-1.03	1898 Wash	405	6 (a)	(a)	1.73-1.73-1.73
1896 Ga	8	1 M.	66-66-66	.50- .50- .50	1898 Australia	429	(a) (a)	(a)	c.36¼-.36½-.36¼
1896 Minn	8	24 M.	60-60-60	c .40- .40- .40	1898 Aust-Hun	438	(a) F.	60-60-60	.65- .65- .65
1896 N. Y	8	2 M.	60-60-60	2.50-3.00-2.75	1898 Denmark	493	(a) M.	48-48-48	.94- .94- .94
1896 Ohio	7	1 M.	60-60-60	1.17-1.17-1.17	1899 Va	404	10 (a)	(a)	.90-1.25-1.03
1896 Ohio	377	4 M.	b72-72-72	1.50-1.50-1.50	1900 Russia	162	(a) M.	(a)	.31- .38- —
1896 Pa	7	2 M.	60-60-60	1.42-1.42-1.42	1900 Sweden	160	(a) M.	(a)	.36- .36- .36
1896 Pa	394	3 M.	60-60-60	1.42-1.63-1.55					

COAL MEASURERS.

1878 Germany	177	(a) M.	(a)	.87- .87- .87	1884 Italy	178	(a) M.	60-60-60	.29- .29- .29
1884 Germany	178	(a) M.	(a)	1.10-1.78- —					

COAL TRIMMERS, SHIPPING.

1860 Pa	8	5 M.	60-60-60	2.00-2.00-2.00	1894 Aust-Hun	127	(a) M.	(a)	.26- .26- .26
1870 N. J	8	22 M.	60-60-60	2.25-2.25-2.25	1894 England	186	(a) M.	(a)	.75- .75- .75
1885 N. Y	8	2 M.	60-60-60	2.25-2.25-2.25	1894 France	127	(a) M.	(a)	.44- .52- —
1886 England	70	(a) M.	(a)	.51- .66- —	1894 Germany	127	(a) M.	(a)	.33- .59- —
1886 Scotland	70	(a) M.	(a)	.37- .65- —	1894 Ireland	127	(a) M.	(a)	1.18-1.18-1.18
1886 Wales	70	(a) M.	(a)	.61- .61- .61	1894 Italy	127	(a) M.	(a)	.44- .46- —
1889 Australia	429	(a) (a)	48-48-48	1.31-1.31-1.31	1894 Netherl'ds	127	(a) M.	(a)	.46- .52- —
1890 Australia	423	(a) (a)	48-48-48	1.31-1.31-1.31	1894 Russia	127	(a) M.	(a)	.29- .29- .29
1891 Wales	576	(a) M.	(a)	1.22-1.62- —	1894 Scotland	127	(a) M.	(a)	.56- .56- .56
1892 Australia	424	(a) M.	(a)	c .24½-.36½- —	1896 N. J	8	20 M.	60-60-60	2.10-2.10-2.10
1892 England	632	(a) M.	(a)	.75- .84- —	1896 N. Y	8	10 M.	60-60-60	1.50-2.50-2.23
1893 Ohio	374	102 M.	66-66-66	1.78-1.78-1.78	1897 Australia	418	(a) (a)	(a)	3.65-4.87- —
1893 Germany	127	(a) M.	(a)	.41- .41- .41	1898 Australia	419	(a) (a)	(a)	3.65-4.87- —

COATERS, METAL.

1885 N. Y	7	4 M.	(a)	2.50-2.75-2.63	1891 N. Y	333	10 F.	(a)	1.06-1.33-1.20
1890 N. Y	333	3 F.	(a)	1.00-1.00-1.00	1895 Mo	304	21 F.	(a)	.62-1.11- .78
1891 N. Y	333	1 M.	(a)	1.50-1.50-1.50	1895 N. Y	7	5 M.	54-54-54	2.50-3.00-2.67

COAT FINISHERS.

1872 Mass	268	2447 F.	(a)	.25-1.33- .82	1893 Pa	10	3 M.	58-60-59	1.17-1.67-1.39
1883 N. J	322	6 F.	60-60-60	.67-1.67-1.00	1893 Pa	10	46 F.	35-60-57	.25-1.67- .84
1886 Md	3	2 F.	60-60-60	.50- .75- .63	1893 Scotland	632	(a) F.	(a)	.24- .65- —
1886 N. Y	7	14 F.	(a)	.67-1.00- .89	1895 N. Y	8	4 M.	60-60-60	.83-2.50-2.00
1887 Ky	3	3 F.	59-59-59	.58- .58- .58	1895 N. Y	8	54 F.	54-60-55	.33-1.00- .63
1887 Mass	3	6 F.	e51-60-57	.33-1.50- .76	1895 N. Y	341	8 F.	(a)	1.33-1.33-1.33
1888 N. Y	331	25 F.	45-45-45	1.17-1.17-1.17	1896 N. Y	7	25 F.	60-60-60	.75-1.17- .95
1892 Ill	210	26 F.	60-60-60	.22-1.50- .75	1897 N. J	328	21 F.	(a)	1.25-1.25-1.25
1893 Ill	10	2 M.	50-60-55	1.00-1.17-1.09	1897 Australia	428	(a) F.	(a)	.16- .91- —
1893 Ill	10	28 F.	48-60-56	.50-1.67- .99	1898 N. J	329	48 F.	60-60-60	.67-1.50- .92
1893 Md	10	1 M.	60-60-60	1.50-1.50-1.50	1898 Australia	429	(a) F.	(a)	.16- .91- —
1893 N. Y	10	48 F.	42-72-58	.17-1.33- .51					

a Not reported.
b Not including hours of 2 persons not reported.
c Per hour.
d Not including hours of 6 persons not reported.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COAT MAKERS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1839 England	562	(a) M.	72-72-72	1.09-1.09-1.09
1849 England	562	(a) M.	72-72-72	1.10-1.10-1.10
1859 England	562	(a) M.	72-72-72	1.09-1.09-1.09
1860 Ireland	563	(a) (a)	48-48-48	.51- .63- —
1872 Mass	268	627 F.	60-60-60	.92-2.00-1.39
1875 N. Y.	7	1 M.	(a)	1.52-1.52-1.52
1875 N. Y.	7	3 F.	(a)	1.00-1.13-1.07
1875 France	177	(a) (a)	(a)	.60-1.60- —
1875 Norway	686	(a) M.	(a)	.41- .97- —
1880 N. C.	7	9 F.	(a)	.50-1.00- .72
1880 Pa	7	8 M.	(a)	1.50-2.33-2.13
1880 Pa	7	20 F.	60-60-60	.67-1.17- .94
1880 Norway	685	(a) M.	(a)	.54- .94- —
1880 Norway	686	(a) M.	(a)	.47- .62- —
1881 N. Y.	3	1 F.	(a)	.83- .83- .83
1882 W. Va	7	20 M.	b60-60-60	2.00-4.17-2.94
1883 Mass	273	60 M.	(a)	1.33-5.00-3.11
1883 Mass	273	33 F.	(a)	2.00-4.17-2.98
1883 Gr't Brit.	273	(a) M.	(a)	.97-1.62- —
1883 Gr't Brit.	273	(a) F.	(a)	.65-1.01- —
1883 Gr't Brit.	273	(a) (a)	(a)	.20- .20- .20
1884 Ga	7	19 F.	53-53-53	.50- .67- .55
1884 Mich	278	2 M.	(a)	2.00-3.00-2.50
1884 N. J	323	15 M.	60-60-60	1.50-2.00-1.68
1884 Netherl'ds	178	(a) M.	72-72-72	.67-1.00- —
1884 Switzerl'd.	178	(a) M.	(a)	.64- .97- —
1885 N. J	324	3 M.	60-78-72	2.00-2.50-2.25
1885 N. Y.	7	35 M.	60-60-60	1.39-2.37-1.81
1885 N. Y.	330	2 F.	66-78-72	.83-1.50-1.17
1885 Norway	686	(a) M.	(a)	.53- .64- —
1886 Ill.	3	1 F.	(a)	1.67-1.67-1.67
1886 Md.	3	3 F.	c60-63-62	.42- .83- .58
1886 Mass	3	1 F.	56-56-56	1.46-1.46-1.46
1886 Mo.	3	5 F.	60-60-60	.42-1.33- .92
1886 N. J	3	7 F.	49-60-56	.67-1.33- .96
1886 N. Y.	3	1 F.	54-54-54	1.00-1.00-1.00
1886 N. Y.	7	4 M.	42-42-42	1.33-1.58-1.47
1886 Pa	3	13 F.	54-78-60	.88-1.74-1.33
1886 R. I	3	9 F.	52-64-58	.83-1.83-1.22
1886 Netherl'ds	456	(a) (a)	72-72-72	.67-1.01- —
1887 Ill	3	8 F.	50-61-54	.50-1.38-1.11
1887 Ky.	3	2 M.	59-59-59	1.33-1.42-1.38
1887 Ky.	3	18 F.	48-60-58	.33-2.00-1.14
1887 La	3	5 F.	d60-60-60	.38-1.00- .66
1887 Mass	3	17 F.	c50-60-56	.67-2.00-1.26
1887 Minn	3	3 F.	(a)	.83-1.67-1.11
1887 N. Y.	3	12 F.	60-78-62	.33-1.33- .69
1887 Ohio	3	8 F.	59-59-59	.54-1.17- .79
1887 Ohio	369	76 F.	60-60-60	1.00-1.50-1.21
1887 Pa	3	2 F.	57-60-59	.92-1.50-1.21
1887 Netherl'ds	598	(a) (a)	72-72-72	.68-1.01- —
1888 Ga	3	10 F.	58-60-59	.85-1.25-1.12
1888 Ind	3	7 F.	e53-60-55	.58-1.17- .99
1888 N. J	326	2 (a)	60-72-66	1.66-2.50-2.08
1888 N. Y.	331	160 M.	f53-66-57	1.33-4.17-2.97
1888 Canada	470	(a) M.	58-58-58	1.63-1.63-1.63
1888 Canada	470	(a) F.	59-59-59	1.10-1.10-1.10
1888 C. of G'd H.	483	(a) (a)	(a)	2.03-2.03-2.03
1888 England	596	(a) F.	g69-69-69	.41- .81- —
1888 England	631	(a) M.	(a)	1.83-1.83-1.83
1888 England	631	(a) F.	(a)	.37- .49- —
1889 Canada	471	(a) F.	57-57-57	0.98-0.98-0.98
1890 N. Y.	333	32 M.	(a)	.68-3.00-1.27
1890 C. of G'd H.	484	(a) (a)	(a)	1.01-2.23- —
1890 Norway	686	(a) M.	(a)	.53- .71- —
1891 Mich.	283	15 F.	(a)	.67-1.00- .82
1891 N. Y.	333	31 M.	(a)	.68-3.00-1.41
1892 Ill	210	4 F.	52-52-52	.76-1.02- .90
1892 Australia	424	(a) M.	(a)	1.01-3.04- —
1892 Australia	424	(a) F.	(a)	.65-1.32- —
1892 C. of G'd H.	486	(a) M.	(a)	1.09-3.11- —
1892 England	632	(a) F.	60-60-60	.24-1.10- —
1893 Ill	10	67 M.	c45-83-58	.50-3.33-1.66
1893 Ill	10	29 F.	45-72-59	.33-2.17-1.04
1893 Md.	10	21 M.	60-72-63	.75-5.83-1.73
1893 Md.	10	15 F.	52-72-60	.50-1.67-1.06
1893 N. Y.	10	16 M.	50-70-59	.67-2.50-1.75
1893 N. Y.	10	17 F.	c48-72-60	.33-1.50- .61
1893 Ohio	374	21 M.	48-60-55	2.00-2.50-2.43
1893 Ohio	374	2 F.	48-48-48	2.00-2.00-2.00
1893 Pa	10	34 M.	50-72-59	.50-3.00-1.63
1893 Pa	10	6 F.	50-60-58	.50-1.17- .76
1893 Aust-Hun.	448	(a) M.	66-66-66	.41- .81- —
1893 Aust-Hun.	448	(a) M.	66-66-66	h .20- .41- —
1893 Aust-Hun.	448	(a) F.	66-66-66	.14- .61- —
1893 Ireland	632	(a) F.	51-51-51	.61- .61- .61
1894 Ind	228	12 (a)	60-60-60	.79- .79- .79
1894 Ohio	374	250 M.	(a)	1.44-1.56-1.45
1894 Ohio	374	800 F.	(a)	.68- .96- .69
1894 Ohio	375	16 M.	i48-60-56	2.00-2.50-2.16
1894 Ohio	375	2 F.	60-60-60	1.00-1.00-1.00
1894 Australia	425	(a) M.	(a)	1.22-2.84- —
1894 Australia	425	(a) F.	(a)	.61-1.42- —
1894 C. of G'd H.	487	(a) M.	48-51 —	1.62-3.04. —
1894 France	506	(a) M.	(a)	j.13½-.13½-.13½
1894 France	506	(a) F.	g60-60-60	.51- .87- —
1895 N. Y.	7	20 M.	60-60-60	1.43-3.33-1.98
1895 N. Y.	341	3 F.	59-70-63	.92-1.17-1.03
1895 N. C.	7	10 F.	60-60-60	.58- .83- .62
1895 Ohio	376	5 M.	e54-54-54	2.50-3.00-2.80
1895 Australia	426	(a) M.	(a)	1.22-2.84- —
1895 Australia	426	(a) F.	(a)	.61-1.42- —
1895 Canada	187	(a) M.	60-60-60	.83-1.33- —
1895 Canada	187	(a) F.	60-60-60	.83- .83- .83
1896 Ga	7	30 F.	53-53-53	.50- .75- .65
1896 N. Y	7	13 F.	42-60-46	.99-1.79-1.55
1896 Ohio	377	8 M.	60-60-60	2.00-2.50-2.13
1896 Ohio	377	15 F.	54-54-54	.99- .99- .99
1896 Pa	7	15 M.	57-57-57	1.67-2.67-2.09
1896 Pa	7	50 F.	54-54-54	.83-1.33-1.04
1896 W. Va	7	18 M.	60-60-60	2.33-4.17-2.94
1896 Wis	7	21 F.	54-54-54	.63-1.22- .92
1896 Australia	427	(a) M.	(a)	1.22-2.84- —
1896 Australia	427	(a) F.	(a)	.61-1.42- —
1897 N. Y.	337	500 M.	66-66-66	1.25-1.25-1.25
1897 Australia	428	(a) M.	(a)	1.62-2.84- —
1897 Australia	428	(a) F.	(a)	.30-1.62- —
1898 N. Y	338	725 M.	60-60-60	1.25-1.50-1.45
1898 Australia	429	(a) M.	(a)	1.62-2.84- —
1898 Australia	429	(a) F.	(a)	.24-1.62- —
1898 N. Zealand	680	(a) (a)	(a)	1.12-1.12-1.12

COAT MAKERS' HELPERS.

1880	Pa	7	5	F.	(a)	.75- .83- .77	1895	N. Y.	7	3	M.	60-60-60	1.15-1.17-1.16
1885	N. Y.	7	7	M.	60-60-60	.88-1.22-1.07	1896	N. Y.	7	5	F.	42-42-42	1.00-1.07-1.02
1886	N. Y.	7	2	F.	42-42-42	1.00-1.25-1.13	1896	Pa	7	15	F.	57-57-57	.67-1.17- .89

a Not reported.
b Not including hours of 9 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 4 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 109 persons not reported.
g Applies to but 1 of the 2 wage quotations.
h And board and lodging.
i Not including hours of 6 persons not reported.
j Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COCK MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	15 M.	(a)	2.83-2.83-2.83	1894 Ohio	375	11 M.	60-60-60	2.00-5.00-3.09
1890 N. Y.	333	3 M.	(a)	2.00-2.50-2.17	1895 Ohio	376	11 M.	60-60-60	1.50-2.50-1.75
1891 N. Y.	333	65 M.	(a)	1.50-3.00-2.49	1896 Ohio	377	5 M.	60-60-60	1.60-1.60-1.60
1893 Ohio	374	1 M.	60-60-60	2.25-2.25-2.25					

COCOANUT PREPARERS.

1890 N. Y.	333	5 M.	(a)	1.67-1.67-1.67	1891 N. Y.	333	10 F.	(a)	.83- .83- .83
1890 N. Y.	333	10 F.	(a)	.83- .83- .83	1893 N. Y.	10	5 F.	36-60-46	.42- .83- .55
1891 N. Y.	333	5 M.	(a)	1.67-1.67-1.67	1893 Ohio	374	4 M.	60-60-60	1.33-1.33-1.33

COCOON WINDERS.

1862 Italy	635	(a) M.	(a)	.32- .32- .32	1875 Italy	635	(a) M.	(a)	.39- .39- .39
1863 Italy	635	(a) M.	(a)	.32- .32- .32	1876 Italy	635	(a) M.	(a)	.39- .39- .39
1864 Italy	635	(a) M.	(a)	.32- .32- .32	1877 Italy	635	(a) M.	(a)	.39- .39- .39
1865 Italy	635	(a) M.	(a)	.32- .32- .32	1878 Italy	635	(a) M.	(a)	.39- .39- .39
1866 Italy	635	(a) M.	(a)	.32- .32- .32	1879 Italy	635	(a) M.	(a)	.39- .39- .39
1867 Italy	635	(a) M.	(a)	.32- .32- .32	1880 Italy	635	(a) M.	(a)	.39- .39- .39
1868 Italy	635	(a) M.	(a)	.32- .32- .32	1881 Italy	635	(a) M.	(a)	.39- .39- .39
1869 Italy	635	(a) M.	(a)	.32- .32- .32	1882 Italy	635	(a) M.	(a)	.39- .39- .39
1870 Italy	635	(a) M.	(a)	.39- .39- .39	1883 Italy	635	(a) M.	(a)	.39- .39- .39
1871 Italy	635	(a) M.	(a)	.39- .39- .39	1884 Italy	635	(a) M.	(a)	.39- .39- .39
1872 Italy	635	(a) M.	(a)	.39- .39- .39	1889 Germany	550	(a) M.	72-72-72	.89- .89- .89
1873 Italy	635	(a) M.	(a)	.39- .39- .39	1895 France	509	(a) (a)	60-60-60	.29- .29- .29
1874 Italy	635	(a) M.	(a)	.39- .39- .39					

COFFEE ROASTERS.

1869 Pa	190	2 M.	60-60-60	2.00-2.50-2.25	1887 Wis	409	1 (a)	(a)	3.00-3.00-3.00
1870 Pa	190	1 M.	60-60-60	2.50-2.50-2.50	1888 N. Y.	331	11 M.	b 50-60-56	2.00-3.00-2.45
1871 Pa	190	3 M.	60-60-60	2.17-2.50-2.28	1889 Pa	190	1 M.	60-60-60	1.92-1.92-1.92
1872 Pa	190	1 M.	60-60-60	2.33-2.33-2.33	1890 N. Y.	333	3 M.	(a)	1.67-2.33-2.11
1873 Pa	190	2 M.	60-60-60	2.33-2.50-2.42	1890 Pa	190	1 M.	60-60-60	1.50-1.50-1.50
1874 Pa	190	1 M.	60-60-60	2.50-2.50-2.50	1891 N. Y.	333	2 M.	(a)	2.00-2.33-2.17
1875 Pa	190	1 M.	60-60-60	2.50-2.50-2.50	1891 Pa	190	1 M.	60-60-60	1.92-1.92-1 92
1876 Pa	190	1 M.	60-60-60	2.17-2.17-2.17	1892 Pa	20	2 M.	60-60-60	1.50-1.92-1.71
1877 Pa	190	1 M.	60-60-60	1.67-1.67-1.67	1893 Md	10	1 M.	60-60-60	.83- .83- .83
1878 Pa	190	1 M.	60-60-60	2.17-2.17-2.17	1893 Md	10	1 F.	60-60-60	.85- .83- .83
1879 Pa	190	1 M.	60-60-60	2.17-2.17-2.17	1893 Ohio	374	7 M.	48-60-58	1.50-3.00-2.04
1880 Pa	190	1 M.	60-60-60	1.50-1.50-1.50	1893 Pa	10	1 M.	60-60-60	1.67-1.67-1.67
1881 Pa	190	2 M.	60-60-60	1.67-2.00-1.84	1893 Pa	20	2 M.	60-60-60	1.50-1.92-1.71
1882 Pa	7	2 M.	(a)	1.00-2.17-1.59	1894 Iowa	236	1 M.	60-60-60	2.00-2.00-2.00
1882 Pa	190	2 M.	60-60-60	2.00-2.00-2.00	1894 Ohio	375	11 M.	c 54-60-58	1.66-2.50-2.07
1882 Wis	7	1 M.	57-57-57	2.50-2.50-2.50	1894 Pa	20	2 M.	60-60-60	1.50-1.92-1.71
1883 Pa	190	1 M.	60-60-60	2.00-2.00-2.00	1895 Mo	7	6 M.	60-60-60	1.67-2.67-2.11
1884 Mich	278	1 M.	(a)	1.75-1.75-1.75	1895 N. Y.	8	1 M.	48-48-48	3.00-3.00-3.00
1884 Pa	7	1 M.	54-54-54	2.00-2.00-2.00	1895 Ohio	376	10 M.	54-60-56	1.67-2.25-2.03
1884 Pa	190	1 M.	60-60-60	2.17-2.17-2.17	1895 Pa	20	2 M.	60-60-60	1.50-1.92-1.71
1884 Aust-Hun	178	(a) M.	60-60-60	.40- .80- —	1896 Ill	7	7 M.	54-54-54	2.00-3.00-2.29
1885 Mo	7	4 M.	60-60-60	1.75-2.50-2.13	1896 Ohio	7	2 M.	51-51-51	1.67-1.67-1.67
1885 Ohio	7	1 M.	51-51-51	1.67-1.67-1.67	1896 Ohio	377	20 M.	55-60-59	1.00-2.25-1.98
1885 Pa	190	1 M.	60-60-60	2.17-2.17-2.17	1896 Pa	7	3 M.	51-54-52	1.67-2.50-2.11
1886 Ill	7	5 M.	(a)	2.00-3.00-2.40	1896 Wis	7	1 M.	57-57-57	2.50-2.50-2.50
1886 Pa	190	2 M.	60-60-60	2.17-2.50-2.34					

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COFFEE ROASTERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	4	M.	55-59-57	0.50-2.33-1.71
1890 N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1891 N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1894 Ohio	375	3	M.	60-60-60	1.35-1.65-1.45
1895 N. Y	8	1	M.	48-48-48	1.33-1.33-1.33
1895 Ohio	376	2	M.	54-54-54	1.35-1.35-1.35

COFFIN AND CASKET MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1859 Mass	8	1	M.	60-60-60	1.67-1.67-1.67
1865 N. J	8	1	M.	60-60-60	3.00-3.00-3.00
1875 N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1876 Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1882 Mo	294	1	M.	60-60-60	2.50-2.50-2.50
1883 Mich	277	3	M.	(a)	2.00-3.00-2.67
1884 Mich	278	4	M.	(a)	1.50-3.00-2.06
1884 Pa.	7	79	M.	60-60-60	.75-2.67-1.73
1884 Canada	466	(a)	M.	60-60-60	1.45-1.45-1.45
1886 Canada	468	(a)	M.	52-52-52	1.52-1.78- —
1887 Ohio	369	6	F.	60-60-60	1.12-1.12-1.12
1887 Wis	409	17	M.	(a)	.75-2.00-1.78
1889 China	88	(a)	(a)	(a)	.25-.25-.25
1890 N. Y.	333	40	M.	(a)	1.50-3.33-2.45
1891 N. Y.	333	45	M.	(a)	2.50-3.50-2.83
1893 Ill.	10	1	M.	54-54-54	2.67-2.67-2.67
1894 Iowa	236	18	M.	60-60-60	1.40-3.00-1.96
1894 Iowa	236	7	F.	60-60-60	.50-1.00- .67
1894 N. C.	348	1	(a)	60-60-60	1.00-1.00-1.00
1894 Ohio	374	3	M.	(a)	1.83-2.50-2.06
1894 Ohio	375	35	M.	60-60-60	2.00-2.00-2.00
1895 Mass	8	1	M.	60-60-60	3.00-3.00-3.00
1895 N. Y.	8	4	M.	60-60-60	2.00-2.00-2.00
1895 N. C.	8	3	M.	60-60-60	1.00-1.25-1.17
1895 Ohio	376	45	M.	60-60-60	1.75-2.00-1.95
1896 N. J	8	4	M.	60-60-60	2.25-3.00-2.63
1896 Ohio	377	47	M.	48-60-57	1.50-2.00-1.92
1896 Pa.	7	127	M.	54-54-54	.83-3.00-1.72
1897 Mass	8	1	M.	60-60-60	3.00-3.00-3.00

COILERS, ROPE AND TWINE.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 N. Y.	8	1	M.	60-60-60	2.25-2.25-2.25
1885 Mass	7	6	F.	60-60-60	.85-1.25-1.10
1895 Mass	7	4	F.	58-58-58	.78- .93- .83
1895 N. H	7	15	M.	60-60-60	.68- .68- .68
1895 N. Y.	8	1	M.	60-60-60	.67- .67- .67
1895 N. C.	8	1	M.	66-66-66	.40- .40- .40
1895 Pa	8	2	M.	60-60-60	2.00-2.00-2.00
1896 N. Y.	8	1	M.	60-60-60	.67- .67- .67

COKE BURNERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Germany	609	(a)	(a)	(a)	.52- .52- .52
1872 Belgium	632	(a)	M.	(a)	.53- .53- .53
1872 Germany	185	(a)	M.	60-60-60	.84- .84- .84
1873 England	185	(a)	M.	(a)	b .96-1.77- —
1874 Pa	380	60	M.	(a)	1.45-1.45-1.45
1875 Belgium	632	(a)	M.	(a)	.62- .62- .62
1876 Pa	381	1	M.	(a)	1.50-1.50-1.50
1877 Ohio	359	2	M.	(a)	1.30-1.30-1.30
1877 Pa	382	11	M.	(a)	1.50-1.50-1.50
1880 Belgium	632	(a)	M.	(a)	.54- .54- .54
1884 Aust-Hun	178	(a)	M.	72-72-72	.55- .65- —
1886 Belgium	456	(a)	(a)	(a)	.63- .63- .63
1886 Belgium	632	(a)	M.	(a)	.52- .52- .52
1886 England	602	(a)	M.	(a)	.92-1.15- —
1886 Gr't Brit	602	(a)	M.	(a)	.87-1.05- —
1889 Belgium	5	(a)	M.	70-84 —	.67- .70- —
1891 Kans	245	14	M.	60-60-60	1.75-1.75-1.75
1891 Belgium	457	(a)	M.	c 60-60-60	.53- .68- —
1892 Australia	424	(a)	M.	(a)	1.70-2.84- —
1895 England	591	(a)	M.	(a)	1.01-1.06- —

COKE CHARGERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Pa	382	3	M.	(a)	1.65-1.65-1.65
1885 Pa	1	78	M.	48-48-48	1.44-1.44-1.44
1885 W. Va	1	2	M.	60-60-60	1.20-1.20-1.20
1888 Germany	5	(a)	M.	72-72-72	.52- .52- .52
1889 Ala	5	34	M.	60-72-63	1.00-1.50-1.33
1889 Ohio	5	1	M.	60-60-60	1.25-1.25-1.25
1889 Pa	5	25	M.	d 60-70-61	1.40-2.00-1.77
1889 Tenn	5	24	M.	e 42-70-64	1.00-1.25-1.07
1889 Va	5	4	M.	72-72-72	1.40-1.40-1.40
1889 W. Va	5	11	M.	f 42-49-48	1.20-1.26-1.21
1889 Belgium	5	(a)	M.	g 70-84 —	.25- .70- —
1889 Belgium	5	(a)	F.	70-84 —	.29- .36- —
1889 France	5	(a)	M.	70-70-70	.80-1.00- —
1889 Germany	5	(a)	M.	70-72 —	.43- .94- —
1890 Ala	5	5	M.	60-60-60	1.00-1.50-1.10
1890 England	180	(a)	M.	48-48-48	1.33-1.33-1.33
1891 N. Y.	333	5	M.	(a)	1.50-1.50-1.50
1892 Ohio	20	16	M.	72-72-72	2.00-2.83-2.48
1893 Ohio	20	35	M.	72-72-72	2.00-2.67-2.33
1894 Ohio	20	9	M.	72-72-72	2.00-2.83-2.46
1895 Ohio	20	9	M.	72-72-72	1.75-2.60-2.36
1895 Canada	187	(a)	M.	(a)	1.65-1.65-1.65
1895 England	591	(a)	M.	(a)	1.28-1.38- —

a Not reported.
b And house.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 1 person not reported.
e Not including hours of 14 persons not reported.
f Not including hours of 6 persons not reported.
g Applies to but 6 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COKE DRAWERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 England	185	(a) M.	(a)	b0.96-1.98- —
1876 Pa	381	80 M.	(a)	1.30-2.00-1.75
1877 Pa	382	6 M.	(a)	1.44-1.44-1.44
1878 England	178	(a) M.	48-48-48	1.12-1.12-1.12
1879 Pa	384	105 M.	c60-60-60	1.25-1.80-1.58
1879 England	576	(a) M.	(a)	1.05-1.09- —
1884 England	178	(a) M.	48-48-48	1.14-1.14-1.14
1885 Pa	1	573 M.	48-48-48	1.60-1.60-1.60
1885 W. Va	1	9 M.	60-60-60	1.20-1.20-1.20
1886 Pa	2	65 M.	60-60-60	2.10-2.10-2.10
1889 Ala	5	270 M.	42-70-53	1.11-2.92-1.68
1889 Ill	5	14 M.	72-72-72	1.40-1.90-1.60
1889 Ohio	5	4 M.	60-60-60	1.25-1.25-1.25
1889 Pa	5	620 M.	d48-70-60	1.15-2.93-1.66
1889 Tenn	5	138 M.	e42-49-48	1.05-1.50-1.33
1889 Va	5	100 M.	72-72-72	1.50-1.50-1.50
1889 W. Va	5	118 M.	c42-49-47	1.10-1.50-1.24
1889 Belgium	5	(a) M.	84-84-84	.34- .34- .34
1889 France	5	(a) M.	70-70-70	0.60-1.20- —
1889 Germany	5	(a) M.	70-72 —	.50-1.14- —
1890 Ala	5	112 M.	42-60-43	1.50-1.70-1.69
1890 England	180	(a) M.	(a)	1.27-1.27-1.27
1890 England	576	(a) M.	(a)	1.42-1.47- —
1891 England	632	(a) M.	(a)	1.13-1.13-1.13
1892 Ohio	20	33 M.	60-72-71	1.75-2.83-2.02
1892 Australia	424	(a) M.	(a)	1.70-2.43- —
1892 France	505	(a) M.	63-63-63	.34- .63- —
1893 Ohio	20	44 M.	72-72-72	1.75-2.75-2.12
1894 Ohio	20	26 M.	60-72-71	1.25-2.83-1.94
1895 Ohio	20	26 M.	60-72-71	1.25-2.56-1.87
1895 Canada	187	(a) M.	(a)	1.50-1.50-1.50
1896 England	586	(a) M.	(a)	1.10-1.19- —
1898 Pa	18	35 M.	(a)	1.89-1.89-1.89
1898 France	512	(a) M.	60-60-60	.68- .74- —
1899 Pa	18	31 M.	(a)	2.12-2.12-2.12

COKE FILLERS.

1873	England	185	(a)	M.	(a)	.84-1.94- —	1886	England	603	(a)	M.	(a)	.82-1.60- —
1878	England	178	(a)	M.	48-48-48	.94- .94- .94	1886	Ireland	603	(a)	M.	57-57-57	.67- .67- .67
1879	England	576	(a)	M.	(a)	.91- .91- .91	1888	Germany	5	(a)	F.	72-72-72	.24- .24- .24
1880	England	571	(a)	M.	f63-84 —	.85-1.22- —	1889	Belgium	5	(a)	M.	70-70-70	.32- .40- —
1880	Ireland	571	(a)	M.	56-56-56	.73- .73- .73	1890	England	576	(a)	M.	(a)	1.23-1.23-1.23
1883	England	572	(a)	(a)	50-50-50	1.18-1.18-1.18	1892	France	505	(a)	M.	63-70 —	.68- .77- —
1883	Gr't Brit	273	(a)	M.	(a)	1.59-1.70- —	1896	England	586	(a)	M.	(a)	1.01-1.01-1.01
1883	Ireland	572	(a)	M.	84-84-84	.73- .73- .73	1897	England	593	(a)	(a)	(a)	1.07-1.16- —
1883	Scotland	572	(a)	(a)	56-72 —	.85- .95- —	1898	Pa	18	31	M.	(a)	1.65-1.65-1.65
1884	England	178	(a)	M.	48-48-48	.96- .96- .96	1898	France	512	(a)	M.	60-60-60	.76- .82- —
1886	England	602	(a)	M.	(a)	.92- .98- —	1899	Pa	18	31	M.	(a)	1.90-1.90-1.90

COKE FORKERS.

1885	Pa	1	245	M.	48-48-48	1.44-1.44-1.44	1889	Pa	5	151	M.	48-70-60	1.00-1.94-1.29
1887	Ohio	369	4	M.	60-60-60	1.65-1.65-1.65	1889	Tenn	5	31	M.	(a)	.75-1.00- .99
1887	Pa	390	6	M.	(a)	2.06-2.06-2.06	1889	Belgium	5	(a)	M.	g70-70-70	.66- .69- —
1888	Germany	5	(a)	M.	72-72-72	.52- .52- .52	1892	Ohio	373	21	(a)	60-72-68	1.00-1.55-1.32
1889	Ala	5	151	M.	60-84-64	1.00-1.40-1.19	1895	Ill	8	2	M.	54-54-54	2.00-2.00-2.00
1889	N. Y	5	6	M.	72-72-72	1.50-1.89-1.71	1895	Ohio	376	63	M.	h60-72-71	1.25-3.68-1.53
1889	Ohio	5	8	M.	48-60-51	1.25-2.06-1.86	1897	Ohio	377	38	(a)	60-72-69	1.00-1.50-1.24

COKE LEVELERS.

1877	Pa	382	1	M.	54-54-54	1.80-1.80-1.80	1889	Tenn	5	5	M.	49-49-49	1.20-1.20-1.20
1879	England	576	(a)	M.	(a)	.81- .81- .81	1889	Va	5	4	M.	84-84-84	2.25-2.25-2.25
1885	Pa	1	78	M.	48-48-48	1.44-1.44-1.44	1889	W. Va	5	2	M.	(a)	1.65-1.65-1.65
1888	Germany	5	(a)	M.	72-72-72	.52- .52- .52	1889	Belgium	5	(a)	M.	(a)	1.37-1.37-1.37
1889	Ala	5	28	M.	i48-70-59	1.57-2.33-1.98	1889	Portugal	591	(a)	M.	72-72-72	.28- .43- —
1889	Ohio	5	2	M.	60-60-60	1.25-1.25-1.25	1890	England	576	(a)	M.	(a)	1.10-1.10-1.10
1889	Pa	5	55	M.	j48-70-59	1.25-2.54-1.92	1896	England	586	(a)	M.	(a)	.81- .85- —

a Not reported.
b And house.
c Not including hours of 93 persons not reported.
d Not including hours of 317 persons not reported.
e Not including hours of 55 persons not reported.
f Applies to but 3 of the 6 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 6 persons not reported.
i Not including hours of 14 persons not reported.
j Not including hours of 17 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COKE MEN.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1866 Scotland	566	(a) M.	84-84-84	0.81-0.81-0.81
1886 England	602	(a) M.	(a)	.74- .84- —
1889 England	5	(a) M.	b56-56-56	.65-1.14- —
1890 Australia	423	(a) (a)	(a)	2.43-2.43-2.43
1890 England	5	(a) M.	(a)	.60-1.37- —
1891 Br. India	620	(a) M.	48-48-48	.06½-.06½-.06½
1892 France	505	(a) M.	74-74-74	0.53-0.87- —
1892 France	505	(a) M.	77-77-77	c .82- .82- .82
1892 France	632	(a) M.	48-48-48	.59- .77- —
1893 England	578	(a) M.	48-48-48	.89- .89- .89
1895 England	591	(a) M.	(a)	1.03-1.07- —
1898 France	512	(a) M.	60-60-60	.24- .27- —

COKERS, IRON AND STEEL.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1850 England	563	(a) M.	60-60-60	.73- .73- .73
1860 England	563	(a) M.	60-60-60	.77- .77- .77
1866 England	566	(a) M.	d72-72-72	.41- .81- —
(e) England	567	(a) M.	(a)	.81- .81- .81
1871 England	568	(a) M.	(a)	.77- .89- —
1872 England	185	(a) M.	(a)	.77- .89- —
1874 Pa	380	6 M.	42-42-42	1.70-1.70-1.70
1874 England	569	(a) M.	(a)	.85- .85- .85
1876 Pa	381	29 M.	(a)	.90-1.80-1.52
1878 Pa	383	8 M.	72-72-72	1.25-1.25-1.25
1878 England	43	(a) (a)	(a)	.97- .97- .97
1883 England	43	(a) (a)	(a)	.85- .85- .85
1883 England	572	(a) M.	60-60-60	.73- .93- —
1884 England	178	(a) M.	60-60-60	.73- .85- —
1886 Germany	66	(a) M.	(a)	1.19-1.27- —

COLLAR AND CUFF MAKERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1873 Sweden	185	(a) F.	60-60-60	.73- .73- .73
1883 Mass	273	11 F.	(a)	.89- .89- .89
1885 N. Y.	330	16 F.	60-60-60	1.10-2.00-1.59
1885 Canada	467	(a) M.	60-66 —	1.75-2.10- —
1886 N. Y.	2	43 (a)	57-57-57	1.39-1.39-1.39
1886 Pa	3	2 F.	54-54-54	1.33-1.50-1.42
1887 Ill.	3	4 F.	48-56-52	1.08-1.33-1.23
1887 La	3	1 F.	60-60-60	1.00-1.00-1.00
1887 Mass	3	2 F.	51-52-52	.92-1.08-1.00
1887 Pa	3	2 F.	51-57-54	.92-1.08-1.00
1888 Me.	254	2 F.	60-60-60	1.00-1.60-1.30
1888 N. Y.	331	159 (a)	f53-59-59	.83-2.00-1.58
1888 Va	3	1 F.	50-50-50	.83- .83- .83
1889 Canada	471	(a) F.	54-54-54	.70- .70- .70
1890 N. Y.	333	65 M.	(a)	.75-1.33- .93
1891 N. Y.	333	122 M.	(a)	.83-1.67-1.03

COLLAR BLOCKERS, HARNESS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1893 Ohio	374	2 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	375	2 M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1896 Ohio	377	2 M.	60-60-60	1.25-1.25-1.25

COLLAR MAKERS, HARNESS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1873 Pa	379	1 M.	(a)	2.50-2.50-2.50
1882 Mo.	294	13 M.	60-60-60	1.75-2.50-2.12
1882 Ohio	2	20 M.	60-60-60	2.00-2.00-2.00
1882 Ohio	364	90 (a)	60-60-60	1.25-2.00-1.88
1883 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1883 Mo.	2	70 M.	54-60-57	2.50-2.75-2.63
1884 Mo.	2	20 M.	60-60-60	1.75-1.84-1.80
1884 Mo.	295	1 M.	60-60-60	1.50-1.50-1.50
1885 Conn	7	10 M.	60-60-60	1.17-2.50-1.57
1885 Mo.	2	400 M.	59-59-59	2.75-3.00-2.88
1886 Kans	2	12 M.	60-60-60	2.00-2.00-2.00
1886 N. J	2	105 M.	59-59-59	1.42-1.50-1.44
1887 Wis	409	10 M.	(a)	1.50-1.59-1.58
1890 Minn	292	36 M.	(a)	1.00-2.70-1.91
1890 N. Y.	333	1 M.	(a)	3.00-3.00-3.00
1891 N. Y.	333	2 M.	(a)	2.50-3.00-2.75
1892 Cal.	196	3 M.	60-63-61	1.33-2.00-1.61
1892 Iowa	235	14 (a)	60-60-60	2.00-2.00-2.00
1892 Mo.	301	50 M.	g60-60-60	1.17-2.50-2.45
1892 Australia	424	(a) M.	(a)	1.62-2.84- —
1893 Md	10	3 M.	60-72-64	1.50-2.00-1.72
1893 Ohio	374	110 M.	54-60-58	1.72-2.00-1.84
1894 Ind	228	9 (a)	56-56-56	1.48-1.48-1.48
1894 Iowa	236	10 M.	60-60-60	1.50-3.21-1.77
1894 N. H	316	1 M.	48-48-48	1.67-1.67-1.67
1894 Ohio	375	99 M.	h36-60-55	1.75-2.00-1.93
1894 Australia	425	(a) (a)	(a)	1.62-2.19- —
1895 Conn	7	12 M.	60-60-60	1.00-3.33-2.06
1895 Mass.	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Mo.	304	13 M.	(a)	.35-2.25-1.32
1895 N. C.	8	1 M.	60-60-60	.75- .75- .75
1895 Ohio	376	93 M.	h42-57-52	1.31-1.75-1.52
1895 Australia	426	(a) (a)	(a)	1.62-2.19- —
1896 Mo.	305	92 M.	48-60-53	1.41-2.00-1.62
1896 Nebr.	314	6 (a)	60-60-60	2.00-2.00-2.00
1896 Ohio	377	43 M.	48-60-57	1.50-1.75-1.69
1896 Australia	427	(a) (a)	(a)	1.62-2.43- —
1897 Australia	428	(a) (a)	(a)	.85-2.43- —
1898 Australia	429	(a) (a)	(a)	.85-2.43- —

a Not reported.
b Applies to but 2 of the 5 wage quotations.
c And fuel.
d Applies to but 1 of the 2 wage quotations.
e Average for 1867–68.
f Not including hours of 20 persons not reported.
g Not including hours of 3 persons not reported.
h Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COLLAR STUFFERS, HARNESS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875 Ohio	8	3 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	2 M.	(a)	1.50-2.00-1.75
1892 Cal.	196	1 M.	57-57-57	.75- .75- .75
1893 Ohio	374	1 M.	60-60-60	1.67-1.67-1.67
1894 Ohio	375	2 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	8	2 M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	2 M.	60-60-60	1.67-1.67-1.67
1895 Pa	8	2 M.	60-60-60	2.25-2.25-2.25
1896 Ohio	377	1 M.	60-60-60	1.75-1.75-1.75

COLLATORS, BOOKBINDERY.

1853	France	609	(a)	(a)	(a)	.29- .29- .29	1883	Scotland	572	(a)	F.	54-54-54	.49- .49- .49
1869	France	609	(a)	(a)	(a)	.48- .48- .48	1884	Scotland	178	(a)	F.	54-54-54	.49- .49- .49
1871	England	629	(a)	F.	(a)	.45- .57- —	1886	Mo	3	1	F.	59-59-59	.64- .64- .64
1880	Scotland	571	(a)	F.	54-54-54	.49- .49- .49	1887	Minn	3	1	F.	59-59-59	1.17-1.17-1.17
1883	Gr't Brit	273	(a)	F.	(a)	.49- .61- —							

COLLECTORS.

1857	Ireland	561	(a)	(a)	(a)	1.34-1.34-1.34	1892	Ill	19	1	M.	(a)	1.67-1.67-1.67
(b)	Ireland	562	(a)	M.	(a)	1.34-1.34-1.34	1892	Ill	210	1	F.	48-48-48	1.33-1.33-1.33
1870	N. Y.	7	1	M.	60-60-60	3.33-3.33-3.33	1892	Mass	20	1	M.	(a)	1.90-1.90-1.90
1880	Pa	7	1	M.	54-54-54	1.75-1.75-1.75	1892	Ohio	373	1	(a)	(a)	1.86-1.86-1.86
1880	S. C	7	1	M.	(a)	1.67-1.67-1.67	1893	Ill	10	6	M.	42-60-52	1.00-3.33-2.08
1884	Ga	7	2	M.	c60-60-60	1.33-1.67-1.50	1893	Ill	19	1	M.	(a)	2.00-2.00-2.00
1884	Mich	278	4	M.	(a)	.65-1.25- .98	1893	Md.	10	4	M.	48-60-57	1.67-5.00-2.77
1884	R. I	7	1	M.	57-57-57	2.50-2.50-2.50	1893	Mass	20	1	M.	(a)	1.90-1.90-1.90
1884	England	178	(a)	M.	(a)	1.01-1.01-1.01	1893	Mich	285	4	M.	60-60-60	1.15-1.92-1.58
1884	Turk. in A.	178	(a)	(a)	66-66-66	1.02-1.63- —	1893	Mont	307	2	(a)	60-60-60	5.27-5.27-5.27
1885	Md.	7	2	M.	(a)	1.67-2.00-1.84	1893	N. Y.	10	4	M.	c60-72-64	.42-2.50-1.63
1885	S. C	7	1	M.	(a)	1.33-1.33-1.33	1893	Ohio	374	3	M.	c60-60-60	1.65-3.00-2.13
1886	Fla.	7	1	M.	(a)	2.08-2.08-2.08	1893	Pa	10	1	M.	(a)	2.50-2.50-2.50
1886	Ill.	7	5	M.	54-54-54	1.67-3.00-2.23	1894	Mass	20	1	M.	(a)	1.90-1.90-1.90
1886	Iowa	7	1	M.	60-60-60	1.67-1.67-1.67	1894	Ohio	374	1	M.	(a)	1.00-1.00-1.00
1886	N. Y.	7	2	M.	59-59-59	2.33-2.50-2.42	1894	Ohio	375	3	M.	60-60-60	1.00-2.50-1.50
1887	Conn.	4	1	M.	(a)	.77- .77- .77	1895	Ga	7	1	M.	54-54-54	1.00-1.00-1.00
1887	Fla.	4	1	M.	(a)	2.30-2.49-2.40	1895	La	7	1	M.	60-60-60	2.67-2.67-2.67
1887	Md.	4	6	M.	(a)	1.50-2.24-1.80	1895	Md.	7	1	M.	60-60-60	1.67-1.67-1.67
1887	Mass	4	4	M.	(a)	1.92-3.20-2.58	1895	Mass	20	1	M.	(a)	1.90-1.90-1.90
1887	Mich	4	1	M.	60-60-60	2.11-2.11-2.11	1895	Mich	287	2	M.	(a)	1.10-1.15-1.13
1887	Mo	4	7	M.	(a)	1.53-2.30-1.73	1895	Mo	304	1	M.	(a)	2.48-2.48-2.48
1887	N. J	4	3	M.	(a)	1.92-2.49-2.24	1895	N. Y.	7	2	M.	60-60-60	2.50-2.50-2.50
1887	N. Y.	4	39	M.	(a)	1.25-2.11-1.45	1895	R. I	7	2	M.	57-57-57	1.50-4.17-2.84
1887	Pa	4	16	M.	(a)	.77-4.22-2.12	1895	S. C	7	3	M.	54-66-60	.83-1.67-1.31
1887	R. I	4	1	M.	(a)	2.11-2.11-2.11	1896	Fla.	7	1	M.	60-60-60	2.08-2.08-2.08
1887	Va	4	1	M.	(a)	3.19-3.19-3.19	1896	Ga	7	1	M.	57-57-57	1.00-1.00-1.00
1887	Wis	4	1	M.	(a)	1.60-1.60-1.60	1896	Ga	15	1	M.	(a)	.50- .50- .50
1888	N. Y.	331	17	M.	d47-60-58	1.50-6.73-3.20	1896	Ill.	7	6	M.	54-54-54	1.67-2.50-1.92
1890	N. Y.	333	28	M.	(a)	.58-7.99-2.92	1896	Iowa	7	1	M.	60-60-60	1.67-1.67-1.67
1891	Ill.	19	2	M.	(a)	1.17-1.33-1.25	1896	Md.	7	2	M.	54-54-54	2.50-2.50-2.50
1891	Mich	283	1	F.	(a)	1.00-1.00-1.00	1896	N. Y.	7	5	M.	59-59-59	1.33-4.17-2.37
1891	N. Y.	333	38	M.	(a)	.67-7.99-2.76	1896	Ohio	377	2	M.	54-60-57	1.75-2.00-1.88
1891	Ohio	372	9	M.	36-60-55	1.67-5.00-2.53	1896	Pa	7	3	M.	54-60-56	1.67-2.00-1.89

COLORERS, ARTIFICIAL FLOWERS.

1885	N. Y.	7	1	M.	54-54-54	3.33-3.33-3.33	1891	N. Y.	333	2	M.	(a)	2.50-3.33-2.92
1890	N. Y.	333	2	M.	(a)	2.00-2.50-2.25	1895	N. Y.	7	1	M.	54-54-54	3.33-3.33-3.33

a Not reported.
b Average for 1857–58.
c Not including hours of 1 person not reported.
d Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COLORERS, BUTTONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Gr't Brit ..	1	(a) M.	60-60-60	2.40-2.40-2.40	1896 N. Y.....	7	4 F.	60-60-60	0.46-0.46-0.46
1888 N. Y.....	331	1 M.	(a)	5.00-5.00-5.00	1897 Aust-Hun .	437	(a) (a)	62-62-62	.61-1.02- —
1896 N. Y.....	7	4 M.	60-60-60	.58-1.00- .79					

COLORERS, HATS AND CAPS.

1883 N. J	322	7	M.	b 60-60-60	1.50-2.00-1.79	1885 Pa	1	11	M.	60-60-60	1.78-1.78-1.78
1884 N. J	323	11	M.	60-60-60	1.00-2.00-1.73	1890 N. Y.....	333	2	M.	(a)	2.50-2.50-2.50
1885 N. J	1	8	M.	60-60-60	1.66-1.83-1.75	1891 N. Y.....	333	2	M.	(a)	2.50-2.50-2.50
1885 N. J	7	1	M.	48-48-48	1.83-1.83-1.83	1895 N. J	7	1	M.	48-48-48	3.00-3.00-3.00
1885 N. J	324	5	M.	b 60-60-60	1.50-2.00-1.73	1898 N. J	329	5	M.	60-60-60	1.67-1.67-1.67

COLORERS' HELPERS, ARTIFICIAL FLOWERS.

1890 N. Y.....	333	4	M.	(a)	.75- .75- .75	1891 N. Y.....	333	6	M.	(a)	.75- .75- .75

COLORERS' HELPERS, JEWELRY.

1856 N. J	8	1	M.	60-60-60	1.00-1.00-1.00	1896 N. J	8	1	M.	60-60-60	1.00-1.00-1.00

COLORERS' HELPERS, LEATHER.

1884 N. J	323	1	M.	60-60-60	1.38-1.38-1.38	1884 Aust-Hun .	178	(a)	M.	60-60-60	.40- .67- —

COLORERS' HELPERS, PAPER.

1884 Pa	7	16	M.	60-60-60	.25-1.00- .48	1891 N. Y.....	333	25	M.	(a)	.50-1.00- .82
1885 Mass	7	4	M.	60-60-60	1.25-1.33-1.27	1895 Mass	7	4	M.	60-60-60	1.10-1.63-1.31
1890 N. Y.....	333	25	M.	(a)	.50-1.00- .82	1896 Pa	7	17	M.	60-60-60	.33-1.00- .53

COLORERS, JEWELRY.

1856 N. J	8	1	M.	60-60-60	5.00-5.00-5.00	1885 Mass	7	2	M.	58-58-58	2.00-2.50-2.25
1876 N. J	8	1	M.	60-60-60	3.50-3.50-3.50	1895 Mass	7	2	M.	58-58-58	1.50-2.50-2.00
1883 N. J	322	1	M.	(a)	3.00-3.00-3.00	1896 N. J	8	2	M.	60-60-60	3.00-3.50-3.25

COLORERS, LEATHER.

1860 Mass	8	122	M.	60-72-60	1.56-2.50-1.57	1880 Del.....	190	2	M.	60-60-60	1.33-1.67-1.50
1868 Mass	8	2	M.	60-60-60	1.50-1.50-1.50	1881 Del.....	190	3	M.	60-60-60	1.33-2.00-1.67
1869 Del.....	190	1	M.	60-60-60	2.00-2.00-2.00	1882 Del.....	190	3	M.	60-60-60	1.50-1.67-1.56
1871 England ..	629	(a)	(a)	(a)	.97- .97- .97	1883 Del.....	190	3	M.	60-60-60	1.50-1.50-1.50
1871 Germany .	185	(a)	(a)	(a)	.48- .48- .48	1883 England ..	572	(a)	M.	57-57-57	1.22-1.22-1.22
1872 Del	190	1	M.	60-60-60	1.83-1.83-1.83	1884 Del.....	190	2	M.	60-60-60	1.50-1.67-1.59
1872 Germany .	185	(a)	(a)	c 66-66-66	.48- .72- —	1884 Mich.....	278	8	M.	(a)	1.35-1.50-1.44
1873 Del	190	1	M.	60-60-60	2.13-2.13-2.13	1884 N. J	323	2	M.	60-60-60	1.83-3.33-2.58

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COLORERS, LEATHER—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Brazil.....	178	(a) M.	(a)	0.41-0.58- —	1892 France....	505	(a) M.	66-66-66	c0.58-0.77- —
1884 Germany .	178	(a) M.	66-66-66	.40- .48- —	1892 Germany .	184	(a) (a)	(a)	.77- .77- .77
1885 Del.....	1	15 M.	60-60-60	.75-1.66-1.59	1892 Spain	115	(a) (a)	84-84-84	1.06-1.06-1.06
1885 Del.....	190	1 M.	60-60-60	1.67-1.67-1.67	1893 Aust-Hun .	448	(a) M.	60-60-60	.27- .61- —
1885 Pa	1	1 M.	60-60-60	1.70-1.70-1.70	1893 Aust-Hun .	448	(a) F.	60-60-60	.20- .41- —
1886 Del.....	190	3 M.	60-60-60	1.33-1.67-1.56	1894 France....	129	(a) F.	(a)	.48- .68- —
1886 Germany .	184	(a) (a)	(a)	.71- .71- .71	1895 Ohio	376	4 M.	60-60-60	1.25-1.25-1.25
1887 Del.....	190	1 M.	60-60-60	1.67-1.67-1.67	1895 Aust-Hun .	435	(a) M.	66-66-66	.34- .47- —
1887 Wis	409	4 M.	(a)	1.50-1.50-1.50	1896 Mass	8	27 M.	60-60-60	1.42-2.00-1.81
1888 Del.....	190	2 M.	60-60-60	1.50-1.67-1.59	1896 N. Y.....	8	2 M.	60-60-60	1.25-1.25-1.25
1888 N. J	326	2 (a)	60-60-60	2.50-2.50-2.50	1896 Ohio	377	4 M.	60-60-60	1.16-1.16-1.16
1888 N. Y.....	331	23 M.	b 59-59-59	1.75-2.00-1.82	1896 Aust-Hun .	436	(a) M.	60-66 —	.51- .68- —
1888 Germany .	558	(a) (a)	66-66-66	.68- .75- —	1896 Aust-Hun .	436	(a) F.	60-66 —	.37- .46- —
1889 Canada ...	471	(a) M.	60-60-60	1.41-1.41-1.41	1896 France....	184	(a) (a)	(a)	1.15-1.15-1.15
1890 N. Y.....	333	119 M.	(a)	1.25-3.00-1.63	1896 France....	505	(a) M.	60-60-60	.97- .97- .97
1891 Del.....	190	2 M.	60-60-60	1.50-1.67-1.59	1897 France....	511	(a) F.	60-60-60	.68- .77- —
1891 N. Y.....	333	147 M.	(a)	1.00-4.17-1.60	1898 France....	512	(a) M.	60-60-60	.97- .97- .97
1891 France....	505	(a) F.	48-48-48	.48- .68- —	1899 Mass	18	4 M.	59-59-59	1.00-2.50-1.62
1892 France....	115	(a) M.	60-60-60	.67- .81- —	1900 Mass	18	4 M.	59-59-59	1.00-2.50-1.62
1892 France....	505	(a) M.	60-60-60	.68- .77- —					

COLORERS, MAPS.

1882 Ill	7	5 F.	51-51-51	1.17-1.17-1.17	1891 N. Y.....	333	5 M.	(a)	2.17-2.17-2.17
1890 N. Y.....	333	5 M.	(a)	2.17-2.17-2.17	1896 Ill	7	5 F.	51-51-51	1.17-1.17-1.17

COLORERS, METALLIC GOODS.

1885 N. Y.....	7	8 F.	(a)	.67-1.00- .86	1888 N. Y.....	331	10 F.	55-55-55	.92- .92- .92
1887 N. Y.....	3	3 F.	55-59-57	.83-1.20-1.04	1895 N. Y.....	7	10 F.	54-54-54	.67-1.00- .84

COLORERS, PAPER.

1871 England ..	185	(a) (a)	(a)	.40- .48- —	1886 Ireland ...	3	(a) F.	56-56-56	1.00-1.00-1.00
1871 England ..	629	(a) (a)	(a)	.49- .49- .49	1887 Germany .	557	(a) F.	60-60-60	.40- .60- —
1883 Gr't Brit ..	273	(a) M.	(a)	1.62-1.62-1.62	1888 Germany .	558	(a) F.	60-60-60	.36- .69- —
1883 Gr't Brit ..	273	(a) F.	(a)	.43- .43- .43	1890 N. Y.....	333	30 M.	(a)	1.00-2.17-1.36
1884 Pa	7	4 M.	60-60-60	1.25-1.50-1.44	1891 N. Y.....	333	30 M.	(a)	1.00-2.17-1.36
1884 Pa	7	11 F.	60-60-60	.48-1.41-1.03	1891 France....	505	(a) M.	66-77 —	.82-1.93- —
1884 Spain	178	(a) M.	66-66-66	.29-1.16- —	1895 Me.....	7	1 M.	60-60-60	2.25-2.25-2.25
1884 Spain	178	(a) F.	66-66-66	.29-1.16- —	1895 Mass	7	7 M.	60-60-60	1.50-2.50-1.83
1885 Mass	7	5 M.	60-60-60	1.25-2.00-1.60	1895 N. Y.....	7	2 F.	56-56-56	1.33-1.33-1.33
1885 N. Y.....	7	4 F.	56-56-56	1.50-1.50-1.50	1896 Pa	7	6 M.	60-60-60	1.50-2.50-1.78
1886 Germany .	548	(a) F.	(a)	.36- .48- —					

COLORERS, PRINTING TEXTILES.

1885 Mass	1	44 M.	60-60-60	.80-1.33-1.20	1896 Pa	7	27 M.	60-60-60	.92-2.17-1.39
1885 N. H	1	2 M.	60-60-60	2.25-2.75-2.50	1896 France....	510	(a) (a)	60-60-60	.97-1.16- —
1885 Pa	7	27 M.	60-60-60	1.25-2.08-1.40					

a Not reported.
b Not including hours of 3 persons not reported.
c And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COLORERS, TILES.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885 N. J	7	1 M.	55-55-55	2.00-2.00-2.00	1895 N. J	7	2 M.	55-55-55	1.83-1.83-1.83
1892 Ind	227	1 M.	60-60-60	2.00-2.00-2.00					

COLOR MIXERS' HELPERS, PAPER.

1884 Pa	7	6 M.	60-60-60	.33-1.17- .72	1891 N. Y	333	1 M.	(a)	1.50-1.50-1.50
1885 Mass	7	3 M.	58-60-59	.67-1.25- .97	1895 Mass	7	1 M.	60-60-60	1.75-1.75-1.75
1890 N. Y	333	1 M.	(a)	1.50-1.50-1.50	1896 Pa	7	6 M.	60-60-60	.83-1.25-1.10

COLOR MIXERS' HELPERS, TEXTILES.

1871 Mass	267	6 M.	(a)	1.50-1.50-1.50	1890 N. Y	333	42 M.	(a)	1.15-1.15-1.15
1876 Pa	382	13 M.	(a)	1.33-1.33-1.33	1891 N. Y	333	42 M.	(a)	1.15-1.15-1.15
1878 Pa	383	16 M.	60-60-60	1.33-1.33-1.33	1896 Pa	7	2 M.	60-60-60	.54- .54- .54
1885 Pa	7	4 M.	60-60-60	.75- .75- .75					

COLOR MIXERS' HELPERS, WALL PAPER.

1877 England	570	(a) M.	60-65 —	.32- .77- —	1888 N. Y	331	17 M.	(a)	1.50-1.50-1.50
1880 Scotland	571	(a) M.	(a)	.26- .26- .26	1890 N. Y	333	6 M.	(a)	.58-2.00-1.54
1883 England	572	(a) M.	68-68-68	.96- .96- .96	1891 N. Y	333	7 M.	(a)	.58-2.00-1.40
1885 N. J	7	2 M.	60-60-60	.67- .67- .67	1895 N. J	7	2 M.	60-60-60	.67- .67- .67

COLOR MIXERS, PAPER.

1884 Pa	7	3 M.	60-60-60	1.33-1.83-1.56	1891 N. Y	333	32 M.	(a)	1.25-3.00-1.64
1885 Mass	7	1 M.	60-60-60	5.00-5.00-5.00	1895 Conn	7	1 M.	72-72-72	2.00-2.00-2.00
1887 N. Y	3	1 F.	57-57-57	1.17-1.17-1.17	1895 Me	7	9 M.	60-60-60	1.50-2.50-1.69
1888 N. Y	331	2 M.	59-59-59	2.50-2.50-2.50	1895 Mass	7	2 M.	60-60-60	3.00-3.50-3.25
1890 N. Y	333	36 M.	(a)	1.25-3.00-1.65					

COLOR MIXERS, TEXTILES.

1839 England	562	(a) M.	60-60-60	1.42-1.42-1.42	1884 England	178	(a) M.	56-56-56	2.33-3.11- —
1849 England	562	(a) M.	60-60-60	1.22-1.22-1.22	1884 Germany	178	(a) M.	(a)	.78- .78- .78
1859 England	562	(a) M.	60-60-60	1.30-1.30-1.30	1885 Conn	7	1 M.	60-60-60	1.30-1.30-1.30
1863 Scotland	565	(a) (a)	(a)	1.01-2.43- —	1885 Me	1	1 M.	66-66-66	1.50-1.50-1.50
1866 Scotland	566	(a) M.	60-60-60	1.62-1.62-1.62	1885 Mass	1	17 M.	60-60-60	1.05-3.00-1.16
1871 England	629	(a) M.	(a)	.73-1.22- —	1885 N. Y	1	63 M.	60-66-61	1.10-2.30-1.37
1872 England	185	(a) M.	59-59-59	.66- .66- .66	1885 N. Y	7	1 M.	60-60-60	2.00-2.00-2.00
1874 England	569	(a) M.	59-59-59	.81- .81- .81	1885 Pa	1	30 M.	60-60-60	1.00-1.00-1.00
1877 England	570	(a) M.	59-59-59	.80- .80- .80	1885 Pa	7	22 M.	60-60-60	1.50-2.00-1.78
1880 Mass	7	8 M.	60-60-60	1.10-1.10-1.10	1886 R. I	7	1 M.	60-60-60	1.67-1.67-1.67
1880 England	571	(a) M.	(a)	.85- .85- .85	1888 N. Y	331	38 M.	(a)	1.28-3.00-1.33
1880 Scotland	571	(a) M.	56-56-56	.32- .69- —	1890 N. Y	333	17 M.	(a)	.67-4.67-1.80
1881 N. H	7	22 M.	65-65-65	.67-1.42-1.22	1891 N. Y	333	18 M.	(a)	.67-4.67-1.78
1881 N. J	320	20 M.	(a)	1.67-1.67-1.67	1895 Mass	7	21 M.	60-60-60	1.25-1.50-1.27
1882 N. J	321	92 M.	b60-60-60	1.50-1.67-1.65	1895 N. H	7	27 M.	60-60-60	1.25-2.08-1.31
1882 N. J	321	8 F.	60-60-60	.83- .83- .83	1895 N. Y	7	1 M.	60-60-60	3.33-3.33-3.33
1883 N. J	322	88 M.	c60-60-60	1.33-2.00-1.67	1896 Conn	7	8 M.	60-60-60	1.00-1.75-1.47
1883 England	572	(a) M.	57-57-57	.85- .85- .85	1896 Conn	8	3 M.	60-60-60	1.30-1.50-1.37
1883 Ireland	43	(a) (a)	(a)	1.62-1.62-1.62	1896 Pa	7	40 M.	60-60-60	1.50-1.83-1.65
1883 Scotland	572	(a) M.	57-57-57	.28- .74- —	1896 R. I	7	1 M.	60-60-60	1.67-1.67-1.67

a Not reported.
b Not including hours of 15 persons not reported.
c Not including hours of 50 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COLOR MIXERS, WALL PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 England ..	565	(a) M.	(a)	0.53-1.42- —	1885 N. J	7	17 M.	60-60-60	2.00-3.00-2.42
1866 Scotland ..	566	(a) M.	57-57-57	.49- .49- .49	1885 N. J	324	4 M.	60-60-60	3.00-3.00-3.00
1877 England ..	570	(a) M.	65 65-65	1.18-1.18-1.18	1888 N. Y.....	331	17 M.	b59-60-59	2.00-5.00-3.32
1879 Pa	384	3 (a)	60-60-60	3.00-3.00-3.00	1890 N. Y.....	333	30 M.	(a)	1.33-5.00-3.12
1880 Scotland ..	571	(a) M.	(a)	1.09-1.09-1.09	1891 N. Y.....	333	26 M.	(a)	1.33-5.00-3.19
1883 England ..	572	(a) M.	68-68-68	1.84-1.84-1.84	1895 N. J	7	28 M.	60-60-60	2.00-3.00-2.40
1884 Germany..	178	(a) M.	(a)	1.67-1.67-1.67	1897 N. Y.....	337	100 M.	60-60-60	3.17-3.17-3.17

COLOR SORTERS, TRIMMINGS AND FRINGE.

1887	Ill.....	3	2	F.	56-56-56	1.17-1.42-1.30	1888	N. Y.....	331	1 M.	59-59-59	2.33-2.33-2.33

COMBERS, BRUSHES.

1883	Ohio	365	1	M.	58-58-58	1.83-1.83-1.83	1890	N. Y.....	333	20 M.	(a)	.80-3.00-2.17
1888	N. Y.....	331	6	M.	c54-58-57	2.17-3.00-2.64	1891	N. Y.....	333	16 M.	(a)	.80-3.00-2.09

COMBERS, COTTON.

1850	England ..	45	(a)	(a)	60-60-60	.35- .35- .35	1889	Mass	6	6 F.	60-60-60	.52-1.23- .99
1881	N. H	7	28	M.	65-65-65	.50-2.50-1.17	1889	R. I	398	13 F.	60-60-60	.92-1.33-1.20
1883	England ..	45	(a)	(a)	56-56-56	.63- .63- .63	1889	Germany .	6	(a) M.	(a)	.38- .95- —
1884	Germany .	178	(a)	F.	(a)	.37- .37- .37	1891	Belgium ..	632	(a) (a)	(a)	.53- .53- .53
1886	N. J	3	1	F.	58-58-58	1.08-1.08-1.08	1892	France....	505	(a) M.	66-72 —	.34- .68- —
1886	England ..	600	(a)	F.	57-57-57	.46- .57- —	1892	France....	505	(a) F.	66-72 —	.31- .68- —
1888	Mass	6	8	M.	60-60-60	1.00-2.00-1.13	1892	Russia	692	(a) (a)	(a)	.14- .76- —
1888	N. J	326	1	F.	57-57-57	1.08-1.08-1.08	1893	N. J	327	23 F.	55-55-55	1.17-1.17-1.17
1888	England ..	6	(a)	F.	56-56-56	.61- .61- .61	1894	Mass	11	1 (a)	(a)	1.22-1.22-1.22
1888	Switzerl'd.	6	(a)	(a)	(a)	.33- .44- —	1895	N. H	7	11 M.	60-60-60	.90-1.90-1.32
1889	Mass	6	15	M.	d60-60-60	.74-2.00- .91	1895	N. H	7	15 F.	60-60-60	1.00-1.50-1.10

COMBERS, FLAX, HEMP, AND JUTE.

1862	Italy	635	(a)	M.	(a)	.51- .51- .51	1885	Italy	635	(a) M.	(a)	.67- .67- .67
1863	Italy	635	(a)	M.	(a)	.51- .51- .51	1886	Italy	635	(a) M.	(a)	.67- .67- .67
1864	Italy	635	(a)	M.	(a)	.51- .51- .51	1887	Italy	636	(a) M.	(a)	.78- .78- .78
1865	England ..	627	(a)	M.	(a)	.14- .14- .14	1889	Italy	637	(a) M.	(a)	.24- .78- —
1865	Italy	635	(a)	M.	(a)	.51- .51- .51	1890	Germany .	615	(a) (a)	63-63-63	.72- .76- —
1866	Italy	635	(a)	M.	(a)	.51- .51- .51	1890	Scotland..	6	(a) M.	56-56-56	.21- .64- —
1867	Italy	635	(a)	M.	(a)	.51- .51- .51	1891	Belgium ..	457	(a) M.	72-72-72	.15- .60- —
1868	Italy	635	(a)	M.	(a)	.53- .53- .53	1891	Belgium ..	632	(a) (a)	(a)	.42- .60- —
1869	Italy	635	(a)	M.	(a)	.53- .53- .53	1891	France....	505	(a) M.	(a)	1.35-1.83- —
1870	Italy	635	(a)	M.	(a)	.58- .58- .58	1891	Italy	638	(a) M.	69-72 —	.15- .78- —
1871	England ..	629	(a)	F.	60-60-60	.32- .36- —	1891	Italy	639	(a) M.	60-60-60	.43- .58- —
1871	Italy	635	(a)	M.	(a)	.63- .63- .63	1892	France....	505	(a) M.	e57-72 —	.39- .87- —
1872	Italy	635	(a)	M.	(a)	.63- .63- .63	1892	Italy	639	(a) M.	(a)	.35- .35- .35
1873	Italy	635	(a)	M.	(a)	.63- .63- .63	1892	Russia	692	(a) (a)	(a)	.09- .58- —
1874	Italy	635	(a)	M.	(a)	.63- .63- .63	1893	Italy	639	(a) M.	68-68-68	.53- .61- —
1875	Italy	635	(a)	M.	(a)	.63- .63- .63	1893	Italy	639	(a) F.	68-68-68	.16- .16- .16
1876	Italy	635	(a)	M.	(a)	.65- .65- .65	1894	Italy	640	(a) M.	(a)	.68- .68- .68
1877	Italy	635	(a)	M.	(a)	.65- .65- .65	1895	N. Y	8	1 M.	60-60-60	.50- .50- .50
1878	Italy	635	(a)	M.	(a)	.67- .67- .67	1895	Pa	8	2 M.	60-60-60	2.00-2.00-2.00
1879	Italy	635	(a)	M.	(a)	.67- .67- .67	1895	Italy	640	(a) M.	(a)	.68- .68- .68
1880	Italy	635	(a)	M.	(a)	.67- .67- .67	1896	N. Y	8	1 M.	60-60-60	.50- .50- .50
1881	Italy	635	(a)	M.	(a)	.67- .67- .67	1896	Italy	640	(a) M.	(a)	.68- .68- .68
1882	Italy	635	(a)	M.	(a)	.67- .67- .67	1897	France....	511	(a) M.	60-66 —	.69- .92- —
1883	Italy	635	(a)	M.	(a)	.67- .67- .67	1897	Italy	641	(a) M.	(a)	.49- .63- —
1884	Italy	178	(a)	M.	(a)	.39- .77- —	1899	Belgium ..	455	(a) M.	69-69-69	.37- .53- —
1884	Italy	635	(a)	M.	(a)	.67- .67- .67						

a Not reported.
b Not including hours of 9 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 2 persons not reported.
e Applies to but 7 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMBERS, WOOL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1818 England ..	572	(a) (a)	(a)	0.81-1.09- —
1819 England ..	572	(a) (a)	(a)	.73- .93- —
1820 England ..	572	(a) (a)	(a)	.73-1.01- —
1821 England ..	572	(a) (a)	(a)	.73-1.01- —
1822 England ..	572	(a) (a)	(a)	.73-1.01- —
1823 England ..	572	(a) (a)	(a)	.49-1.01- —
1824 England ..	572	(a) (a)	(a)	.22-1.01- —
1825 England ..	572	(a) (a)	(a)	.71-1.09- —
1826 England ..	572	(a) (a)	(a)	.22- .97- —
1827 England ..	572	(a) (a)	(a)	.24- .97- —
1828 England ..	572	(a) (a)	(a)	.24-1.01- —
1829 England ..	572	(a) (a)	(a)	.24- .85- —
1830 England ..	572	(a) (a)	(a)	.27- .85- —
1831 England ..	572	(a) (a)	(a)	.27- .85- —
1832 England ..	572	(a) (a)	(a)	.57- .85- —
1833 England ..	572	(a) (a)	(a)	.28-1.01- —
1841 England ..	625	(a) M.	90-90-90	.24- .28- —
1860 England ..	563	(a) M.	60-60-60	.41- .49- —
1860 England ..	566	(a) M.	60-60-60	.57- .57- .57
1860 Germany .	185	(a) M.	(a)	.48- .48- .48
1860 Germany .	185	(a) F.	(a)	.18- .18- .18
1861 England ..	564	(a) (a)	(a)	.41- .49- —
1863 England ..	565	(a) (a)	60-60-60	.41- .49- —
1864 Germany .	185	(a) M.	(a)	.54- .54- .54
1864 Germany .	185	(a) F.	(a)	.18- .18- .18
1865 Germany .	185	(a) M.	(a)	.42- .42- .42
1865 Germany .	185	(a) F.	(a)	.18- .18- .18
1866 England ..	566	(a) M.	60-60-60	.45- .57- —
1866 England ..	566	(a) F.	60-60-60	.35- .36- —
1866 Germany .	185	(a) M.	(a)	.42- .42- .42
1866 Germany .	185	(a) F.	(a)	.18- .18- .18
1867 Germany .	185	(a) M.	(a)	.45- .45- .45
1867 Germany .	185	(a) F.	(a)	.18- .18- .18
(b) England ..	567	(a) M.	60-60-60	.34- .61- —
(b) England ..	567	(a) F.	60-60-60	.36- .39- —
1868 Germany .	185	(a) M.	(a)	.48- .48- .48
1868 Germany .	185	(a) F.	(a)	.20- .20- .20
1870 France....	33	(a) M.	72-72-72	.48- .48- .48
1870 France....	33	(a) F.	72-72-72	.29- .29- .29
1871 England ..	629	(a) (a)	60-60-60	.43- .57- —
1872 Aust-Hun .	185	(a) F.	(a)	.19- .27- —
1872 England ..	185	(a) M.	c 59-59-59	.65- .81- —
1874 England ..	569	(a) M.	57-57-57	.43- .69- —
1875 Mass	270	3 M.	(a)	1.88-1.88-1.88
1877 England ..	570	(a) M.	57-57-57	.57- .73- —
1877 England ..	570	(a) F.	57-57-57	.49- .57- —
1880 England ..	571	(a) F.	57-57-57	.46- .46- .46
1882 England ..	33	(a) (a)	(a)	.49- .49- .49
1882 France....	33	(a) (a)	72-72-72	.40- .48- —
1882 France....	40	(a) (a)	72-72-72	.55- .55- .55
1883 Mass	273	113 M.	(a)	1.05-2.36-1.21
1883 Mass	273	86 F.	(a)	.60- .98- .86
1883 Ohio	7	7 M.	60-60-60	.92-1.18-1.02
1883 England ..	572	(a) M.	57-57-57	.61- .61- .61
1883 England ..	572	(a) F.	57-57-57	.45- .55- —
1883 Gr't Brit ..	273	(a) M.	(a)	1.06-1.22- —
1883 Gr't Brit ..	273	(a) F.	(a)	.41- .57- —
1884 N. J	323	1 M.	60-60-60	1.33-1.33-1.33
1884 Belgium ..	178	(a) F.	72-72-72	.36- .49- —
1884 England ..	178	(a) M.	d 57-57-57	0.61-0.73- —
1884 England ..	178	(a) F.	57-57-57	.47- .47- .47
1884 France....	178	(a) F.	72-72-72	.40- .48- —
1884 France....	178	(a) (a)	72-72-72	.40- .48- —
1885 Mass	1	36 M.	60-60-60	.59- .59- .59
1885 Mass	1	14 F.	60-60-60	.59- .59- .59
1885 N. Y.....	1	32 M.	60-66-60	.80-3.30-1.58
1885 N. Y.....	1	71 F.	60-66-62	1.00-1.00-1.00
1885 Pa	1	5 F.	60-60-60	1.16-1.16-1.16
1885 Pa	7	36 F.	60-60-60	.42-1.17- .75
1886 Pa	7	8 M.	60-60-60	1.00-1.00-1.00
1886 Pa	7	10 F.	60-60-60	.88-1.00- .96
1886 R. I	3	3 F.	60-60-60	.90-1.08-1.01
1886 England ..	67	(a) F.	56-56-56	.49- .49- .49
1886 England ..	600	(a) M.	57-57-57	.45- .67- —
1886 England ..	600	(a) F.	57-57-57	.41- .51- —
1886 England ..	606	(a) F.	(a)	.44- .51- —
1886 Scotland ..	600	(a) F.	57-57-57	.29- .29- .29
1887 Ohio	369	15 M.	60-60-60	.85- .85- .85
1887 Pa	3	6 F.	60-60-60	.83-1.08-1.00
1887 Wis	409	9 (a)	(a)	.67- .67- .67
1888 N. Y.....	331	7 F.	(a)	.75- .75- .75
1888 R. I	6	6 M.	60-60-60	.95- .95- .95
1888 R. I	6	13 F.	(a)	1.00-1.00-1.00
1888 R. I	397	2 (a)	(a)	1.00-1.00-1.00
1889 N. J	6	3 M.	60-60-60	.67- .67- .67
1889 N. J	6	5 F.	60-60-60	.83- .83- .83
1889 N. Y.....	6	5 M.	(a)	1.10-1.25-1.18
1889 N. Y.....	6	10 F.	(a)	.70- .75- .74
1889 R. I	398	3 F.	60-60-60	1.00-1.17-1.06
1889 Canada ...	471	(a) M.	59-59-59	.74- .74- .74
1889 Canada ...	471	(a) F.	57-57-57	.52- .52- .52
1890 N. J	6	2 F.	60-60-60	1.00-1.00-1.00
1890 N. Y.....	333	45 M.	(a)	.80-3.15-1.06
1890 Pa	6	8 M.	60-60-60	.83- .83- .83
1890 Pa	6	4 F.	60-60-60	.83- .83- .83
1890 Netherl'ds	666	(a) M.	(a)	.39- .39- .39
1891 Mich	283	27 F.	(a)	.61- .72- .63
1891 N. Y.....	333	82 M.	(a)	.80-3.15-1.03
1891 Belgium ..	457	(a) M.	66-66-66	.58- .58- .58
1891 Belgium ..	457	(a) F.	66-66-66	.31- .39- —
1891 Italy	634	(a) F.	(a)	.19- .19- .19
1892 France....	505	(a) M.	72-72-72	.34-1.35- —
1892 France....	505	(a) F.	60-72 —	.31- .53- —
1892 Russia	692	(a) (a)	(a)	.20- .41- —
1893 France....	507	(a) F.	66-66-66	.68- .68- .68
1893 France....	507	(a) (a)	63-72 —	.58-1.16- —
1893 Scotland ..	632	(a) F.	(a)	.28- .39- —
1894 N. Y.....	8	3 M.	60-60-60	.85-1.00- .90
1894 R. I	401	7 (a)	(a)	.90-2.50-1.44
1895 Ohio	376	1 M.	60-60-60	1.50-1.50-1.50
1895 Pa	7	26 F.	60-60-60	.63-1.17- .76
1895 France....	509	(a) (a)	72-72-72	.65- .69- —
1896 Ohio	7	4 M.	60-60-60	.88-1.50-1.17
1896 Ohio	377	6 M.	60-60-60	1.12-1.12-1.12
1896 Ohio	377	10 F.	60-60-60	.63- .63- .63
1896 Pa	7	10 M.	60-60-60	.79-1.08- .83
1896 Pa	7	11 F.	60-60-60	.79-1.17- .88
1896 France....	510	(a) (a)	66-72 —	.58- .64- —

COMB FIXERS, TEXTILES.

1885	N. Y.....	1	1	M.	60-60-60	2.08-2.08-2.08	1888	R. I	6	2	M.	(a)	2.25-3.00-2.63

a Not reported.
b Average for 1867–68.
c Applies to but 1 of the 5 wage quotations.
d Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMB MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Mass	8	1 M.	60-60-60	1.25-1.25-1.25
1860 Germany	185	(a) M.	(a)	.18- .18- .18
1864 Germany	185	(a) M.	(a)	.20- .20- .20
1865 Germany	185	(a) M.	(a)	.24- .24- .24
1866 Germany	185	(a) M.	(a)	.24- .24- .24
1867 Germany	185	(a) M.	(a)	.24- .24- .24
1868 Germany	185	(a) M.	(a)	.24- .24- .24
1869 Mass	266	1 (a)	68-68-68	2.00-2.00-2.00
1869 Germany	609	(a) M.	(a)	.24- .61- —
1870 Germany	610	(a) M.	72-72-72	.24- .61- —
1870 Germany	610	(a) M.	84-84-84	b.81- .81- .81
1871 Germany	185	(a) M.	(a)	b.18- .20- —
1873 Germany	177	(a) M.	(a)	.47- .47- .47
1874 Germany	177	(a) M.	(a)	.47- .47- .47
1875 Germany	177	(a) M.	(a)	.47- .47- .47
1876 Germany	177	(a) M.	(a)	.47- .47- .47
1877 Germany	177	(a) M.	(a)	.47- .47- .47
1878 Germany	177	(a) M.	(a)	.47- .47- .47
1880 Germany	546	(a) M.	(a)	.48- .71- —
1881 Germany	178	(a) M.	(a)	.56- .56- .56
1882 Germany	71	(a) M.	78-78-78	.60- .60- .60
1882 Germany	554	(a) (a)	66-66-66	.18- .83- —
1882 Germany	554	(a) (a)	66-66-66	b.16- .28- —
1883 Germany	47	(a) M.	63-63-63	.60- .71- —
1883 Germany	555	(a) (a)	66-66-66	.48- .83- —
1883 Germany	555	(a) (a)	66-66-66	b.20- .36- —
1884 Aust-Hun	178	(a) M.	60-60-60	0.33-1.07- —
1884 Germany	178	(a) M.	c78-78-78	.46- .71- —
1884 Germany	556	(a) (a)	66-66-66	.48- .75- —
1884 Germany	556	(a) (a)	66-66-66	b.16- .30- —
1885 Germany	71	(a) M.	78-78-78	.60- .60- .60
1885 Germany	547	(a) M.	(a)	.48- .79- —
1886 Germany	548	(a) (a)	(a)	.60- .95- —
1886 Germany	548	(a) (a)	(a)	d.24- .36- —
1887 Germany	557	(a) (a)	66-66-66	.60-1.43- —
1888 N. Y	331	8 M.	55-59-58	2.00-2.50-2.38
1888 Aust-Hun	447	(a) M.	(a)	.05½-.35- —
1888 Germany	558	(a) (a)	66-66-66	.60-1.07- —
1889 Germany	550	(a) M.	e72-72-72	.48- .95- —
1889 Portugal	691	(a) (a)	(a)	.11- .65- —
1890 N. Y	333	2 M.	(a)	2.67-2.67-2.67
1890 Portugal	691	(a) (a)	(a)	.54- .86- —
1891 N. Y	333	4 M.	(a)	2.00-2.67-2.33
1892 Scotland	577	(a) M.	(a)	.61-1.01- —
1893 N. Y	10	2 M.	58-59-59	1.67-2.00-1.84
1893 Aust-Hun	448	(a) M.	72-72-72	.34- .54- —
1893 Aust-Hun	448	(a) M.	72-72-72	b.20- .40- —
1893 Germany	11	(a) M.	(a)	.95- .95- .95
1893 Scotland	578	(a) (a)	56-57 —	.61-1.01- —
1895 Mass	8	5 M.	60-60-60	1.00-1.50-1.25
1895 Pa	8	5 M.	60-72-65	1.50-2.00-1.70
1898 Aust-Hun	438	(a) (a)	60-60-60	.61- .95- —

COMB SETTERS, TEXTILES.

1883	Mass	273	3	M.	(a)	1.25-2.60-2.14	1890	Pa	6	1	M.	60-60-60	1.83-1.83-1.83
1886	England	600	(a)	M.	57-57-57	1.09-1.25- —							

COMB WINDERS, TEXTILES.

1890	N. Y	333	9	M.	(a)	.90- .90- .90	1894	Mass	11	6	(a)	(a)	.76-1.06- .98
1891	N. Y	333	9	M.	(a)	.90- .90- .90							

COMFORTABLE MAKERS.

1885	Conn	7	3	F.	60-60-60	.88- .95- .90	1891	N. Y	333	10	M.	(a)	.50-3.00-1.18
1887	Ill	3	1	F.	57-57-57	.79- .79- .79	1895	Conn	7	4	F.	60-60-60	.87-1.33-1.08
1890	N. Y	333	9	M.	(a)	.50-3.00-1.24	1896	Ohio	377	4	F.	60-60-60	1.00-1.00-1.00

COMPOSITION MAKERS' HELPERS, MATCHES.

1885	Wis	7	1	M.	66-66-66	1.25-1.25-1.25	1896	Wis	7	2	M.	60-60-60	1.10-1.25-1.18

COMPOSITION MAKERS, MATCHES.

1883	Ohio	365	1	M.	60-60-60	3.00-3.00-3.00	1896	Wis	7	1	M.	60-60-60	3.50-3.50-3.50
1885	Wis	7	1	M.	66-66-66	3.00-3.00-3.00							

a Not reported.
b And board and lodging.
c Applies to but 6 of the 8 wage quotations.
d And partial board.
e Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1833 Ireland	572	(a) (a)	(a)	0.85-0.85-0.85
1834 England	178	(a) M.	63-63-63	1.34-1.94- —
1834 England	178	(a) M.	63-63-63	b .24- .24- .24
1834 Ireland	572	(a) (a)	(a)	.85- .85- .85
1839 England	562	(a) M.	59-60 —	1.22-1.26- —
1839 England	563	(a) (a)	63-63-63	1.05-1.05-1.05
(c) Germany	609	(a) (a)	(a)	.45- .45- .45
1842 Conn.	190	2 M.	60-60-60	1.50-1.50-1.50
1842 Conn.	190	3 M.	60-60-60	b .24- .25- .24
1843 Conn.	190	1 M.	60-60-60	1.50-1.50-1.50
1843 Conn.	190	5 M.	60-60-60	b .25- .25- .25
1844 Conn.	190	8 M.	60-60-60	b .25- .25- .25
1845 Conn.	190	1 M.	60-60-60	1.45-1.45-1.45
1845 Conn.	190	10 M.	60-60-60	b .25- .25- .25
1846 Conn.	190	1 M.	60-60-60	1.67-1.67-1.67
1846 Conn.	190	8 M.	60-60-60	b .25- .25- .25
1846 Belgium	632	(a) (a)	(a)	.48- .48- .48
1847 Conn.	190	1 M.	60-60-60	1.67-1.67-1.67
1847 Conn.	190	6 M.	60-60-60	b .25- .25- .25
1848 Conn.	190	2 M.	60-60-60	1.67-1.67-1.67
1848 Conn.	190	7 M.	60-60-60	b .25- .25- .25
1848 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1849 Conn.	190	11 M.	60-60-60	b .30- .30- .30
1849 England	562	(a) M.	59-60 —	1.22-1.26- —
1849 England	563	(a) (a)	63-63-63	1.05-1.05-1.05
1849 England	575	(a) M.	63-63-63	1.34-1.34-1.34
(d) Germany	609	(a) (a)	(a)	.51- .51- .51
1849 Scotland	563	(a) (a)	60-60-60	1.01-1.01-1.01
1850 Conn.	190	5 M.	60-60-60	b .30- .30- .30
1850 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1850 Scotland	563	(a) (a)	66-66-66	1.01-1.01-1.01
1851 Conn.	190	3 M.	60-60-60	b .30- .30- .30
1851 N. Y.	190	4 M.	(a)	1.50-1.50-1.50
1851 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1852 Conn.	190	3 M.	60-60-60	b .30- .30- .30
1852 N. Y.	190	6 M.	(a)	1.50-1.50-1.50
1852 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1853 Conn.	190	5 M.	60-60-60	b .30- .30- .30
1853 N. Y.	190	8 (a)	(a)	1.50-1.67-1.54
1853 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1853 France	113	(a) M.	(a)	.46- .97- —
1854 Conn.	190	9 M.	60-60-60	b .30- .30- .30
1854 N. Y.	190	12 (a)	(a)	1.67-2.00-1.71
1854 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1855 Conn.	190	11 M.	60-60-60	b .30- .30- .30
1855 N. Y.	190	10 (a)	(a)	1.67-2.00-1.70
1855 England	561	(a) (a)	(a)	1.22-1.22-1.22
1855 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1856 Conn.	190	7 M.	60-60-60	b .25- .25- .25
1856 N. Y.	190	14 (a)	(a)	1.67-2.17-1.79
1856 England	561	(a) (a)	(a)	1.22-1.22-1.22
1856 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1857 Conn.	190	1 M.	60-60-60	2.00-2.00-2.00
1857 Conn.	190	12 M.	60-60-60	b .25- .25- .25
1857 N. Y.	190	32 (a)	e 60-60-60	1.34-2.50-1.79
1857 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1857 England	561	(a) (a)	(a)	1.22-1.22-1.22
1857 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1857 France	463	(a) (a)	(a)	.90- .90- .90
1857 Germany	609	(a) (a)	60-60-60	.73- .73- .73
1857 Ireland	563	(a) (a)	60-60-60	.81-1.22- —
(f) Scotland	561	(a) (a)	(a)	1.01-1.01-1.01
1858 Conn.	190	16 M.	60-60-60	b .25- .25- .25
1858 N. Y.	190	31 (a)	g 60-60-60	1.67-2.50-1.75
1858 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1858 Pa	190	1 M.	60-60-60	b 0.40-0.40-0.40
1858 England	563	(a) M.	60-60-60	1.22-1.22-1.22
1858 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1859 N. Y.	190	34 (a)	g 60-60-60	1.34-2.50-1.76
1859 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1859 Pa	190	1 M.	60-60-60	b .40- .40- .40
1859 England	562	(a) M.	54-60 —	1.22-1.62- —
1859 England	563	(a) M.	60-63 —	1.05-1.22- —
1859 England	575	(a) M.	63-63-63	1.34-1.34-1.34
(h) Germany	609	(a) (a)	(a)	.51- .51- .51
1860 N. Y.	8	2 M.	60-60-60	2.00-2.00-2.00
1860 N. Y.	190	30 (a)	g 60-60-60	1.67-2.83-1.80
1860 Ohio	361	1 M.	(a)	3.00-3.00-3.00
1860 Pa	190	4 M.	60-60-60	1.67-1.88-1.72
1860 Pa	190	1 M.	60-60-60	b .40- .40- .40
1860 England	564	(a) (a)	60-60-60	1.22-1.22-1.22
1860 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1860 France	609	(a) (a)	(a)	.97- .97- .97
1860 Germany	185	(a) M.	(a)	.60- .60- .60
1860 Ireland	563	(a) (a)	60-60-60	.81-1.22- —
1860 Scotland	563	(a) (a)	60-60-60	1.01-1.01-1.01
1861 Md.	190	8 M.	59-59-59	1.67-1.67-1.67
1861 N. Y.	190	35 (a)	i 60-60-60	1.34-2.83-1.80
1861 Pa	190	2 M.	60-60-60	1.67-1.67-1.67
1861 Pa	190	1 M.	60-60-60	b .40- .40- .40
1861 England	564	(a) (a)	57-60 —	.97-1.22- —
1861 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1861 Italy	610	(a) M.	(a)	.27- .27- .27
1861 Scotland	564	(a) (a)	(a)	1.05-1.05-1.05
1862 Md.	190	6 M.	59-59-59	1.67-1.67-1.67
1862 N. Y.	190	33 (a)	j 60-60-60	1.34-2.83-1.83
1862 Pa	190	2 M.	60-60-60	1.67-1.67-1.67
1862 Pa	190	1 M.	60-60-60	b .40- .40- .40
1862 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1863 Md.	190	8 M.	59-59-59	1.67-1.67-1.67
1863 N. Y.	190	34 (a)	j 59-60-59	1.34-2.83-1.82
1863 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1863 Pa	190	1 M.	60-60-60	b .40- .40- .40
1863 England	565	(a) (a)	(a)	1.10-1.22- —
1863 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1863 Scotland	565	(a) (a)	60-60-60	1.01-1.01-1.01
1864 Conn.	190	3 M.	60-60-60	2.00-2.50-2.17
1864 Conn.	190	12 M.	60-60-60	b .37- .40-.37½
1864 Md.	190	9 M.	59-59-59	2.50-2.50-2.50
1864 N. Y.	190	41 (a)	k 59-59-59	1.67-2.50-2.32
1864 Pa	190	2 M.	60-60-60	1.50-1.84-1.67
1864 Pa	190	1 M.	60-60-60	b .40- .40- .40
1864 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1864 Germany	185	(a) M.	(a)	.60- .60- .60
1865 Conn.	190	2 M.	60-60-60	2.50-3.00-2.75
1865 Conn.	190	10 M.	60-60-60	b .40- .40- .40
1865 Md.	190	12 M.	59-59-59	3.00-3.00-3.00
1865 N. Y.	190	61 (a)	l 59-59-59	2.17-3.00-2.56
1865 Pa	190	2 M.	60-60-60	1.67-1.84-1.76
1865 England	575	(a) M.	63-63-63	1.34-1.34-1.34
1865 Germany	609	(a) (a)	60-60-60	.49- .67- —
1866 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1866 Conn.	190	18 M.	60-60-60	b .40- .40- .40
1866 Md.	190	12 M.	59-59-59	3.00-3.00-3.00
1866 N. Y.	190	53 (a)	n 59-59-59	2.00-2.83-2.53
1866 Pa	190	4 M.	60-60-60	1.50-2.67-1.87
1866 Pa	190	1 M.	60-60-60	b .40- .40- .40
1866 England	178	(a) M.	60-60-60	1.46-1.94- —
1866 England	178	(a) M.	60-60-60	b .26- .26- .26
1866 England	575	(a) M.	60-60-60	1.34-1.34-1.34

a Not reported.
b Per 1,000 ems.
c Average for 1830–39.
d Average for 1840–49.
e Not including hours of 14 persons not reported.
f Average for 1855–57.
g Not including hours of 10 persons not reported.
h Average for 1850–59.
i Not including hours of 11 persons not reported.
j Not including hours of 13 persons not reported.
k Not including hours of 18 persons not reported.
l Not including hours of 23 persons not reported.
n Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 Germany	609	(a)	(a)	60-60-60	0.49-0.67- —
1867 Conn	190	12	M.	60-60-60	b .43- .43- .43
1867 Md	190	15	M.	59-59-59	3.00-3.00-3.00
1867 N. Y	190	68	(a)	c 59-59-59	2.50-3.33-2.62
1867 Pa	190	1	M.	60-60-60	2.75-2.75-2.75
1867 Pa	190	1	M.	60-60-60	b .40- .40- .40
1867 England	575	(a)	M.	60-60-60	1.34-1.34-1.34
1867 Germany	185	(a)	M.	d 60-60-60	.48- .72- —
1867 Germany	609	(a)	(a)	60-60-60	.49- .49- .49
1868 Conn	190	4	M.	60-60-60	2.67-3.17-2.87
1868 Conn	190	17	M.	60-60-60	b .43- .48-.43½
1868 Md	190	15	M.	59-59-59	3.00-3.00-3.00
1868 N. Y	190	74	(a)	e 59-59-59	3.00-3.33-3.05
1868 Pa	190	1	M.	60-60-60	3.00-3.00-3.00
1868 Pa	190	1	M.	60-60-60	b .40- .40- .40
1868 Belgium	610	(a)	(a)	60-60-60	.63- .63- .63
1868 England	575	(a)	M.	60-60-60	1.34-1.34-1.34
1868 Germany	177	(a)	M.	60-60-60	.71- .71- .71
1868 Germany	185	(a)	M.	(a)	.42- .60- —
1868 Germany	185	(a)	F.	(a)	.12- .24- —
1868 Germany	610	(a)	M.	72-72-72	.43- .49- —
1868 Italy	185	(a)	M.	(a)	.40- .80- —
1868 Italy	185	(a)	F.	(a)	.10- .20- —
1869 Conn	190	4	M.	60-60-60	3.00-3.67-3.25
1869 Conn	190	7	M.	60-60-60	b .43- .43- .43
1869 Md	190	15	M.	59-59-59	3.00-3.00-3.00
1869 N. Y	190	87	(a)	f 59-59-59	3.00-3.33-3.07
1869 Pa	190	2	M.	60-60-60	3.00-3.00-3.00
1869 Pa	190	1	M.	60-60-60	b .40- .40- .40
1869 England	575	(a)	M.	60-60-60	1.34-1.34-1.34
1869 France	609	(a)	(a)	(a)	1.16-1.35- —
1869 France	609	(a)	(a)	(a)	g .09½-.11½ —
1869 Germany	609	(a)	M.	h 60-60-60	.49-1.22- —
1869 Greece	609	(a)	(a)	(a)	.34- .52- —
1870 Cal	16	15	M.	60-60-60	3.00-5.00-3.41
1870 Ill	16	35	M.	60-60-60	3.50-3.50-3.50
1870 La	16	20	M.	59-60-59	3.00-3.00-3.00
1870 Md	16	75	M.	59-60-60	2.50-3.00-2.83
1870 Md	190	15	M.	59-59-59	3.00-3.00-3.00
1870 Mass	16	74	M.	59-59-59	2.50-5.00-2.75
1870 Minn	16	2	M.	60-60-60	1.50-1.50-1.50
1870 Minn	16	17	M.	52-52-52	b .38- .38- .38
1870 Mo	16	26	M.	54-60-59	2.17-3.00-2.87
1870 Mo	16	115	M.	(a)	b .45- .45- .45
1870 N. Y	16	17	M.	60-60-60	3.00-3.33-3.07
1870 N. Y	190	86	(a)	i 59-59-59	3.00-3.33-3.08
1870 Ohio	16	7	M.	59-59-59	3.00-3.67-3.38
1870 Pa	16	14	M.	59-59-59	2.00-3.33-3.04
1870 Pa	190	1	M.	60-60-60	3.00-3.00-3.00
1870 Pa	190	1	M.	60-60-60	b .40- .40- .40
1870 Va	16	11	M.	58-58-58	3.33-3.33-3.33
1870 Belgium	16	(a)	M.	(a)	.58- .68- —
1870 England	16	(a)	M.	55-60 —	1.22-1.46- —
1870 England	575	(a)	M.	60-60-60	1.34-1.34-1.34
1870 France	16	(a)	M.	(a)	.97-1.16- —
1870 France	16	(a)	F.	(a)	1.06-1.06-1.06
1870 France	17	(a)	M.	(a)	.97- .97- .97
1870 Germany	177	(a)	M.	60-60-60	.71- .95- —
1870 Germany	185	(a)	M.	(a)	.48- .96- —
1870 Germany	185	(a)	F.	(a)	.20- .30- —
1870 Italy	610	(a)	(a)	(a)	.29- .46- —
1870 Netherl'ds	610	(a)	M.	66-72 —	.36- .40- —
1870 Norway	610	(a)	M.	(a)	.54- .90- —
1870 Scotland	16	(a)	M.	57-60 —	1.12-1.12-1.12
1870 Servia	610	(a)	M.	(a)	j .77- .97- —
1870 Switzerl'd	610	(a)	M.	(a)	0.39-0.77- —
1870 Turkey	610	(a)	M.	(a)	.37- .85- —
1871 Cal	16	13	M.	60-60-60	3.00-5.00-3.45
1871 Ill	16	35	M.	60-60-60	3.50-3.50-3.50
1871 La	16	18	M.	59-60-59	3.00-3.00-3.00
1871 Md	16	42	M.	60-60-60	3.00-3.00-3.00
1871 Md	190	12	M.	59-59-59	3.00-3.00-3.00
1871 Mass	16	73	M.	59-59-59	2.50-5.00-2.79
1871 Mass	267	20	(a)	(a)	3.00-3.00-3.00
1871 Minn	16	2	M.	60-60-60	1.50-1.50-1.50
1871 Minn	16	17	M.	52-52-52	b .38- .38- .38
1871 Mo	16	28	M.	54-60-59	2.17-3.00-2.85
1871 Mo	16	115	M.	(a)	b .45- .45- .45
1871 N. Y	16	19	M.	60-60-60	3.00-3.33-3.06
1871 N. Y	190	120	(a)	k 59-59-59	2.83-3.67-3.05
1871 Ohio	16	7	M.	59-59-59	3.50-4.17-3.62
1871 Pa	16	14	M.	59-59-59	2.50-3.33-3.01
1871 Pa	190	1	M.	60-60-60	3.00-3.00-3.00
1871 Pa	190	1	M.	60-60-60	b .40- .40- .40
1871 Va	16	13	M.	58-58-58	3.33-3.33-3.33
1871 Belgium	16	(a)	M.	(a)	.58- .68- —
1871 England	16	(a)	M.	55-60 —	1.22-1.46- —
1871 England	185	(a)	(a)	(a)	.81-1.41- —
1871 England	575	(a)	M.	60-60-60	1.34-1.34-1.34
1871 England	629	(a)	(a)	(a)	1.62-1.62-1.62
1871 France	16	(a)	M.	(a)	.97-1.16- —
1871 France	16	(a)	F.	(a)	1.06-1.06-1.06
1871 France	17	(a)	M.	(a)	.97- .97- .97
1871 France	712	(a)	M.	(a)	.63-1.16- —
1871 Germany	177	(a)	M.	d 60-60-60	.48-1.19- —
1871 Germany	185	(a)	M.	(a)	.42- .96- —
1871 Italy	610	(a)	M.	60-60-60	.77-1.07- —
1871 Netherl'ds	611	(a)	M.	60-60-60	.54-1.69- —
1871 Norway	185	(a)	(a)	(a)	.54- .89- —
1871 Scotland	16	(a)	M.	54-57 —	1.12-1.22- —
1872 Cal	16	16	M.	60-60-60	3.00-5.00-3.36
1872 Conn	190	10	M.	60-60-60	1.67-3.67-2.92
1872 Conn	190	22	M.	60-60-60	b .38- .38- .38
1872 Conn	190	3	F.	60-60-60	b .36- .36- .36
1872 Ill	16	50	M.	60-60-60	3.50-3.50-3.50
1872 La	16	21	M.	59-60-59	3.00-3.00-3.00
1872 Md	16	47	M.	60-60-60	3.00-3.00-3.00
1872 Md	190	12	M.	59-59-59	3.00-3.00-3.00
1872 Mass	16	61	M.	59-59-59	2.50-5.00-2.80
1872 Mass	268	2	M.	l 72-72-72	3.20-3.66-3.43
1872 Mass	268	197	F.	60-60-60	1.00-1.67-1.40
1872 Minn	16	3	M.	60-60-60	1.50-1.50-1.50
1872 Minn	16	17	M.	52-52-52	b .38- .38- .38
1872 Mo	16	30	M.	54-60-59	2.17-3.00-2.86
1872 Mo	16	115	M.	(a)	b .45- .45- .45
1872 N. Y	16	21	M.	60-60-60	3.00-3.33-3.06
1872 N. Y	190	122	(a)	n 59-59-59	2.83-3.67-3.04
1872 Ohio	16	7	M.	59-59-59	3.50-4.17-3.60
1872 Ohio	359	1	M.	(a)	2.50-2.50-2.50
1872 Ohio	361	3	M.	(a)	2.33-3.00-2.78
1872 Pa	16	14	M.	59-59-59	2.50-3.33-2.97
1872 Pa	190	2	M.	60-60-60	3.00-3.34-3.17
1872 Pa	190	3	M.	60-60-60	b .40- .40- .40
1872 Va	16	11	M.	58-58-58	3.33-3.33-3.33
1872 Belgium	16	(a)	M.	(a)	.58- .87- —
1872 Belgium	185	(a)	M.	(a)	.40- .75- —
1872 England	16	(a)	M.	54-55 —	1.34-1.46- —
1872 England	185	(a)	(a)	h 53-55 —	1.21-1.37- —
1872 England	575	(a)	M.	54-54-54	1.46-1.46-1.46
1872 France	16	(a)	M.	(a)	.97-1.16- —

a Not reported.
b Per 1,000 ems.
c Not including hours of 16 persons not reported.
d Applies to but 2 of the 3 wage quotations.
e Not including hours of 18 persons not reported.
f Not including hours of 49 persons not reported.
g Per 1,000 letters.
h Applies to but 2 of the 4 wage quotations.
i Not including hours of 54 persons not reported.
j And board.
k Not including hours of 71 persons not reported.
l Not including hours of 1 person not reported.
n Not including hours of 84 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 France....	16	(a) F.	(a)	1.06-1.06-1.06
1872 France....	17	(a) M.	(a)	.97- .97- .97
1872 Germany .	177	(a) (a)	b 60-60-60	.49- .83- —
1872 Netherl'ds	185	(a) (a)	60-60-60	.53- .81- —
1872 Scotland ..	16	(a) M.	54-54-54	1.12-1.22- —
1872 Scotland ..	185	(a) (a)	54-54-54	1.15-1.21- —
1873 Cal.....	16	17 M.	60-60-60	3.00-5.00-3.45
1873 Conn.....	190	7 M.	60-60-60	1.67-3.67-2.86
1873 Conn.....	190	18 M.	60-60-60	c .38- .38- .38
1873 Conn.....	190	3 F.	60-60-60	c .36- .36- .36
1873 Ill.....	16	50 M.	60-60-60	3.50-3.50-3.50
1873 La	16	21 M.	59-60-59	3.00-3.00-3.00
1873 Md.....	16	46 M.	60-60-60	3.00-3.00-3.00
1873 Md.....	190	15 M.	59-59-59	3.00-3.00-3.00
1873 Mass	16	77 M.	59-59-59	2.50-4.00-2.75
1873 Minn.....	16	3 M.	60-60-60	1.67-1.67-1.67
1873 Minn.....	16	17 M.	52-52-52	c .38- .38- .38
1873 Mo	16	24 M.	54-60-59	2.17-3.00-2.86
1873 Mo	16	115 M.	(a)	c .45- .45- .45
1873 N. Y.....	16	17 M.	60-60-60	3.00-3.33-3.07
1873 N. Y.....	190	86 (a)	d 59-59-59	2.44-3.67-3.03
1873 Ohio	16	8 M.	59-59-59	3.50-4.17-3.65
1873 Pa	16	13 M.	59-59-59	1.42-3.33-2.97
1873 Pa	190	2 M.	60-60-60	3.00-3.34-3.17
1873 Pa	190	3 M.	60-60-60	c .40- .40- .40
1873 Pa	379	49 M.	(a)	2.00-2.60-2.17
1873 Pa	379	5 F.	(a)	1.00-1.00-1.00
1873 Va	16	11 M.	58-58-58	3.33-3.33-3.33
1873 Belgium ..	16	(a) M.	(a)	.58- .87- —
1873 England ..	16	(a) M.	54-55 —	1.34-1.46- —
1873 England ..	575	(a) M.	54-54-54	1.46-1.46-1.46
1873 France....	16	(a) M.	(a)	.97-1.16- —
1873 France....	16	(a) F.	(a)	1.06-1.06-1.06
1873 France....	17	(a) M.	(a)	.97- .97- .97
1873 Germany .	177	(a) M.	e 60-60-60	.83-1.19- —
1873 Germany .	177	(a) (a)	(a)	.54- .54- .54
1873 Gr't Brit ..	185	(a) M.	(a)	1.29-1.29-1.29
1873 Scotland ..	16	(a) M.	54-54-54	1.22-1.22-1.22
1873 Scotland ..	177	(a) M.	(a)	1.02-1.02-1.02
1873 Sweden ...	167	(a) (a)	60-60-60	.80-1.34- —
1873 Switzerl'd.	185	(a) M.	(a)	.46- .60- —
1873 Switzerl'd.	709	(a) (a)	(a)	1.03-1.13- —
1874 Cal.....	16	16 M.	60-60-60	3.00-5.00-3.48
1874 Conn.....	190	8 M.	60-60-60	2.00-3.67-2.92
1874 Conn.....	190	9 M.	60-60-60	c .38- .38- .38
1874 Conn.....	190	4 F.	60-60-60	c .36- .36- .36
1874 Ill.....	16	40 M.	60-60-60	3.50-3.50-3.50
1874 Ill.....	185	9 (a)	59-59-59	3.50-3.50-3.50
1874 La	16	19 M.	59-60-59	3.00-3.00-3.00
1874 Md.....	16	45 M.	60-60-60	3.00-3.00-3.00
1874 Md.....	190	14 M.	59-59-59	3.00-3.00-3.00
1874 Mass	16	43 M.	59-59-59	2.50-3.50-2.85
1874 Minn	16	3 M.	60-60-60	1.67-1.67-1.67
1874 Minn	16	17 M.	52-52-52	c .38- .38- .38
1874 Mo.....	16	26 M.	54-60-59	2.17-3.00-2.87
1874 Mo.....	16	115 M.	(a)	c .45- .45- .45
1874 N. Y.....	16	26 M.	60-60-60	2.83-3.33-2.89
1874 N. Y.....	190	78 (a)	f 59-59-59	2.44-3.67-2.90
1874 Ohio	16	10 M.	59-59-59	3.50-4.17-3.57
1874 Oregon....	185	8 M.	60-60-60	4.58-4.58-4.58
1874 Pa	16	16 M.	59-59-59	1.83-3.33-2.96
1874 Pa	190	2 M.	60-60-60	3.00-3.34-3.17
1874 Pa	190	1 M.	60-60-60	c .40- .40- .40
1874 Va	16	11 M.	58-58-58	3.33-3.33-3.33
1874 Belgium ..	16	(a) M.	(a)	.58- .87- —
1874 England ..	16	(a) M.	54-55 —	1.42-1.46- —
1874 England ..	575	(a) M.	54-54-54	1.46-1.46-1.46
1874 France....	16	(a) M.	(a)	0.97-1.16- —
1874 France....	16	(a) F.	(a)	1.06-1.06-1.06
1874 France....	17	(a) M.	(a)	.97- .97- .97
1874 Germany .	177	(a) M.	g 60-60-60	.95-1.17- —
1874 Germany .	177	(a) (a)	(a)	.63- .68- —
1874 Germany .	185	(a) M.	(a)	.80-1.20- —
1874 Scotland ..	16	(a) M.	54-54-54	1.22-1.22-1.22
1874 Scotland ..	177	(a) M.	54-54-54	1.17-1.50- —
1875 Cal.....	16	13 M.	60-60-60	3.00-5.00-3.54
1875 Conn.....	7	13 M.	59-59-59	1.83-3.17-2.49
1875 Conn.....	190	19 M.	60-60-60	1.50-3.34-2.60
1875 Conn.....	190	26 M.	60-60-60	c .35- .35- .35
1875 Conn.....	190	6 F.	60-60-60	c .33- .33- .33
1875 Ill.....	16	35 M.	60-60-60	3.50-3.50-3.50
1875 La	16	20 M.	59-60-59	3.00-3.00-3.00
1875 Md.....	16	38 M.	60-60-60	3.00-3.00-3.00
1875 Md.....	190	12 M.	59-59-59	3.00-3.00-3.00
1875 Mass	16	53 M.	59-59-59	2.50-3.83-2.81
1875 Minn	16	4 M.	60-60-60	1.67-1.67-1.67
1875 Minn	16	17 M.	52-52-52	c .38- .38- .38
1875 Mo.....	16	28 M.	54-60-59	2.17-3.00-2.85
1875 Mo.....	16	115 M.	(a)	c .40- .40- .40
1875 N. Y.....	16	22 M.	60-60-60	2.83-3.33-2.90
1875 N. Y.....	190	72 (a)	f 59-59-59	2.83-3.83-3.05
1875 Ohio	16	7 M.	59-59-59	3.50-4.17-3.71
1875 Pa	16	15 M.	59-59-59	1.33-3.33-2.80
1875 Pa	190	2 M.	60-60-60	3.00-3.34-3.17
1875 Pa	190	1 M.	60-60-60	c .40- .40- .40
1875 Va	16	12 M.	58-58-58	3.33-3.33-3.33
1875 Belgium ..	16	(a) M.	(a)	.58- .87- —
1875 England ..	16	(a) M.	54-55 —	1.42-1.46- —
1875 England ..	575	(a) M.	54-54-54	1.46-1.46-1.46
1875 France....	16	(a) M.	(a)	.97-1.16- —
1875 France....	16	(a) F.	(a)	1.06-1.06-1.06
1875 France....	17	(a) M.	(a)	1.06-1.06-1.06
1875 France....	496	(a) M.	(a)	.53-1.25- —
1875 Germany .	177	(a) M.	h 60-60-60	.83-1.15- —
1875 Germany .	177	(a) (a)	(a)	.66- .66- .66
1875 Norway ...	684	(a) M.	(a)	.64-1.09- —
1875 Scotland ..	16	(a) M.	54-54-54	1.22-1.22-1.22
1875 Scotland ..	177	(a) M.	54-54-54	1.17-1.50- —
1876 Cal.....	16	17 M.	60-60-60	2.67-5.00-3.41
1876 Conn.....	190	15 M.	60-60-60	2.00-3.00-2.74
1876 Conn.....	190	21 M.	60-60-60	c .35- .35- .35
1876 Conn.....	190	7 F.	60-60-60	c .33- .33- .33
1876 Ill.....	16	35 M.	60-60-60	3.50-3.50-3.50
1876 La	16	20 M.	59-60-59	3.00-3.00-3.00
1876 Md.....	16	40 M.	60-60-60	3.00-3.00-3.00
1876 Md.....	190	14 M.	59-59-59	3.00-3.00-3.00
1876 Mass	16	59 M.	59-59-59	2.33-3.83-2.71
1876 Minn	16	4 M.	60-60-60	1.67-1.67-1.67
1876 Minn	16	17 M.	52-52-52	c .38- .38- .38
1876 Mo.....	16	28 M.	54-60-59	2.17-3.00-2.88
1876 Mo.....	16	117 M.	(a)	c .40- .40- .40
1876 N. Y.....	16	24 M.	60-60-60	3.00-3.33-3.22
1876 N. Y.....	190	80 (a)	i 59-59-59	2.67-3.83-3.06
1876 Ohio	16	6 M.	59-59-59	3.00-4.17-3.67
1876 Pa	8	3 M.	60-60-60	2.00-2.00-2.00
1876 Pa	16	17 M.	59-59-59	1.00-3.33-2.72
1876 Pa	190	1 M.	60-60-60	3.34-3.34-3.34
1876 Pa	190	1 M.	60-60-60	c .40- .40- .40
1876 Va	16	14 M.	58-58-58	2.67-2.67-2.67
1876 Belgium ..	16	(a) M.	(a)	.44- .77- —
1876 England ..	16	(a) M.	54-55 —	1.42-1.46- —
1876 England ..	575	(a) M.	54-54-54	1.46-1.46-1.46
1876 France....	16	(a) M.	(a)	.97-1.16- —
1876 France....	16	(a) F.	(a)	1.06-1.06-1.06

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Per 1,000 ems.
d Not including hours of 71 persons not reported.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 56 persons not reported.
g Applies to but 1 of the 3 wage quotations.
h Applies to but 2 of the 3 wage quotations.
i Not including hours of 58 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1876 France	17	(a) M.	(a)	1.06-1.06-1.06
1876 France	497	(a) M.	(a)	.53-1.25- —
1876 Germany	177	(a) M.	(a)	.79-1.08- —
1876 Germany	177	(a) (a)	(a)	.67- .67- .67
1876 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1876 Scotland	177	(a) M.	54-54-54	1.17-1.50- —
1877 Cal	16	15 M.	60-60-60	2.67-5.00-3.36
1877 Conn	190	17 M.	60-60-60	1.67-3.34-2.60
1877 Conn	190	23 M.	60-60-60	*b* .37- .37- .37
1877 Conn	190	3 F.	60-60-60	*b* .35- .35- .35
1877 Ill	16	30 M.	60-60-60	3.50-3.50-3.50
1877 La	16	22 M.	59-60-59	3.00-3.00-3.00
1877 Md	16	42 M.	60-60-60	2.70-2.70-2.70
1877 Md	190	15 M.	59-59-59	2.70-2.70-2.70
1877 Mass	16	46 M.	59-59-59	2.33-3.83-2.75
1877 Minn	16	4 M.	60-60-60	1.75-1.75-1.75
1877 Minn	16	17 M.	52-52-52	*b* .38- .38- .38
1877 Mo	16	30 M.	54-60-59	2.17-3.00-2.86
1877 Mo	16	115 M.	(a)	*b* .40- .40- .40
1877 N. J	317	4 M.	59-59-59	1.00-2.17-1.42
1877 N. Y	16	29 M.	60-60-60	2.83-3.33-3.01
1877 N. Y	190	95 (a)	*c* 59-59-59	2.50-3.83-2.81
1877 Ohio	16	7 M.	59-59-59	3.00-4.17-3.57
1877 Ohio	359	9 M.	*d* 60-60-60	1.67-2.17-1.72
1877 Pa	16	15 M.	59-59-59	.83-3.17-2.55
1877 Pa	190	2 M.	60-60-60	3.00-3.34-3.17
1877 Pa	190	1 M.	60-60-60	*b* .40- .40- .40
1877 Va	16	14 M.	58-58-58	2.67-2.67-2.67
1877 Belgium	16	(a) M.	(a)	.48- .87- —
1877 England	16	(a) M.	54-55 —	1.42-1.46- —
1877 England	570	(a) M.	54-54-54	1.46-1.70- —
1877 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1877 France	16	(a) M.	(a)	.97-1.16- —
1877 France	16	(a) F.	(a)	1.06-1.06-1.06
1877 France	17	(a) M.	(a)	1.06-1.06-1.06
1877 Germany	177	(a) M.	(a)	.76-1.04- —
1877 Germany	177	(a) (a)	(a)	.66- .66- .66
1877 Ireland	570	(a) M.	56-56-56	1.42-1.62- —
1877 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1877 Scotland	177	(a) M.	54-54-54	1.17-1.50- —
1878 Cal	16	17 M.	60-60-60	3.00-5.00-3.40
1878 Conn	190	15 M.	60-60-60	1.67-3.00-2.51
1878 Conn	190	24 M.	60-60-60	*b* .35- .37- .37
1878 Conn	190	2 F.	60-60-60	*b* .35- .35- .35
1878 Ill	16	30 M.	60-60-60	3.00-3.00-3.00
1878 La	16	24 M.	59-60-59	3.00-3.00-3.00
1878 Md	16	44 M.	60-60-60	2.70-2.70-2.70
1878 Md	190	12 M.	59-59-59	2.70-2.70-2.70
1878 Mass	16	33 M.	59-59-59	2.33-3.33-2.66
1878 Minn	16	4 M.	60-60-60	1.75-1.75-1.75
1878 Minn	16	17 M.	52-52-52	*b* .38- .38- .38
1878 Mo	16	29 M.	54-60-59	2.17-3.00-2.86
1878 Mo	16	119 M.	(a)	*b* .40- .40- .40
1878 N. Y	16	27 M.	60-60-60	2.83-3.33-2.96
1878 N. Y	190	103 (a)	*e* 59-59-59	2.50-4.17-2.65
1878 Ohio	16	6 M.	59-59-59	3.00-3.50-3.19
1878 Ohio	360	442 M.	*f* 60-78-69	1.36-3.00-1.99
1878 Ohio	360	30 F.	(a)	1.05-1.33-1.09
1878 Pa	16	13 M.	59-59-59	1.67-3.30-2.38
1878 Pa	190	3 M.	60-60-60	2.34-3.34-2.67
1878 Pa	190	1 M.	60-60-60	*b* .40- .40- .40
1878 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1878 Belgium	16	(a) M.	(a)	.58-1.06- —
1878 Belgium	177	(a) M.	(a)	1.00-1.00-1.00
1878 Canada	177	(a) M.	(a)	1.00-1.67- —
1878 Denmark	177	(a) M.	(a)	.77- .77- .77
1878 Denmark	177	(a) F.	(a)	0.26-0.26-0.26
1878 England	16	(a) M.	54-55 —	1.42-1.46- —
1878 England	177	(a) M.	*g* 51-51-51	1.29-1.78- —
1878 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1878 France	16	(a) M.	(a)	.87-1.26- —
1878 France	16	(a) F.	(a)	1.16-1.16-1.16
1878 France	17	(a) M.	(a)	1.16-1.16-1.16
1878 France	498	(a) M.	(a)	.54-1.25- —
1878 Germany	177	(a) M.	(a)	.65-1.17- —
1878 Ireland	177	(a) M.	(a)	1.21-1.21-1.21
1878 Italy	177	(a) M.	(a)	.65- .65- .65
1878 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1878 Scotland	177	(a) M.	*h* 48-56 —	1.01-3.00- —
1878 Spain	177	(a) M.	(a)	.80- .80- .80
1878 Switzerl'd	177	(a) M.	(a)	.77- .77- .77
1879 Cal	16	15 M.	60-60-60	3.00-5.00-3.38
1879 Conn	190	15 M.	60-60-60	1.50-2.84-2.19
1879 Conn	190	17 M.	60-60-60	*b* .37- .37- .37
1879 Conn	190	6 F.	60-60-60	*b* .35- .35- .35
1879 Ill	16	35 M.	60-60-60	3.00-3.00-3.00
1879 La	16	18 M.	59-60-59	3.00-3.00-3.00
1879 Md	16	42 M.	60-60-60	2.70-2.70-2.70
1879 Md	190	12 M.	59-59-59	2.70-2.70-2.70
1879 Mass	16	35 M.	59-59-59	2.33-3.17-2.53
1879 Minn	16	4 M.	60-60-60	1.75-1.75-1.75
1879 Minn	16	17 M.	52-52-52	*b* .38- .38- .38
1879 Mo	16	29 M.	54-60-59	2.50-3.00-2.90
1879 Mo	16	115 M.	(a)	*b* .40- .40- .40
1879 Mo	293	198 M.	*i* 55-60-58	1.00-4.58-1.88
1879 N. J	318	2 (a)	59-65-62	2.50-3.00-2.75
1879 N. Y	16	38 M.	60-60-60	2.83-3.17-2.89
1879 N. Y	190	91 (a)	*j* 59-59-59	2.33-4.17-2.66
1879 Ohio	16	4 M.	59-59-59	3.00-3.50-3.25
1879 Ohio	361	3 M.	(a)	1.50-2.17-1.89
1879 Pa	16	13 M.	59-59-59	1.17-2.50-2.23
1879 Pa	190	4 M.	60-60-60	2.34-3.34-2.59
1879 Pa	190	1 M.	60-60-60	*b* .40- .40- .40
1879 Pa	384	6 M.	*k* 54-60-59	1.00-2.00-1.44
1879 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1879 Belgium	16	(a) M.	(a)	.63-1.16- —
1879 England	16	(a) M.	54-55 —	1.42-1.46- —
1879 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1879 France	16	(a) M.	(a)	.97-1.26- —
1879 France	16	(a) F.	(a)	1.16-1.16-1.16
1879 France	17	(a) M.	(a)	1.16-1.16-1.16
1879 France	499	(a) M.	(a)	.53-1.25- —
1879 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1880 Cal	16	17 M.	60-60-60	3.00-4.17-3.28
1880 Conn	190	17 M.	60-60-60	1.17-2.50-2.01
1880 Conn	190	29 M.	60-60-60	*b* .35- .35- .35
1880 Conn	190	4 F.	60-60-60	*b* .33- .33- .33
1880 Ga	7	9 M.	60-60-60	2.00-2.00-2.00
1880 Ill	16	45 M.	60-60-60	3.00-3.00-3.00
1880 Ky	7	7 M.	60-60-60	1.00-3.00-2.43
1880 La	16	25 M.	59-60-59	3.00-3.00-3.00
1880 Md	16	40 M.	60-60-60	2.70-2.70-2.70
1880 Md	190	12 M.	59-59-59	2.70-2.70-2.70
1880 Mass	16	34 M.	59-59-59	2.17-3.33-2.57
1880 Mich	2	47 M.	55-55-55	2.50-2.50-2.50
1880 Minn	16	5 M.	60-60-60	1.75-1.75-1.75
1880 Minn	16	17 M.	52-52-52	*b* .38- .38- .38
1880 Mo	16	28 M.	54-60-59	2.67-3.00-2.93
1880 Mo	16	126 M.	(a)	*b* .40- .40- .40
1880 N. J	319	16 (a)	45-75-66	1.00-3.00-2.13
1880 N. Y	7	4 M.	60-60-60	1.67-1.67-1.67
1880 N. Y	16	43 M.	60-60-60	2.83-3.17-2.89

a Not reported.
b Per 1,000 ems.
c Not including hours of 81 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 69 persons not reported.
f Not including hours of 440 persons not reported.
g Applies to but 2 of the 4 wage quotations.
h Applies to but 9 of the 11 wage quotations.
i Not including hours of 17 persons not reported.
j Not including hours of 44 persons not reported.
k Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest and average— Hours of work per week.	Rates of wages per day (dollars).
1880 N. Y.	190	84 (a)	b 59-59-59	2.33-4.17-2.67
1880 Ohio	16	7 M.	59-59-59	3.00-3.67-3.31
1880 Ohio	362	142 M.	(a)	2.00-3.00-2.82
1880 Pa	7	17 M.	60-60-60	2.00-3.00-2.39
1880 Pa	16	11 M.	59-59-59	1.17-3.00-2.27
1880 Pa	190	5 M.	60-60-60	2.34-3.34-2.54
1880 Pa	190	1 M.	60-60-60	c .40- .40- .40
1880 Pa	385	5 M.	54-60-58	1.50-2.10-1.72
1880 R. I	7	15 M.	58-58-58	1.25-3.33-2.22
1880 S. C	7	13 M.	(a)	2.00-3.67-2.91
1880 Va	16	10 M.	58-58-58	2.67-2.67-2.67
1880 W. Va	7	8 M.	(a)	2.00-3.00-2.42
1880 Belgium	16	(a) M.	(a)	.55- .87- —
1880 England	16	(a) M.	54-55 —	1.42-1.46- —
1880 England	571	(a) M.	(a)	1.44-1.44-1.44
1880 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1880 France	16	(a) M.	(a)	.97-1.26- —
1880 France	16	(a) F.	(a)	1.16-1.16-1.16
1880 France	17	(a) M.	(a)	1.16-1.16-1.16
1880 France	500	(a) M.	(a)	.59-1.74- —
1880 Ireland	571	(a) M.	60-60-60	1.34-1.34-1.34
1880 Norway	685	(a) M.	(a)	.59- .89- —
1880 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1880 Scotland	571	(a) M.	(a)	1.22-1.32- —
1880 Sweden	21	(a) (a)	(a)	.58-1.57- —
1880 Switzerl'd.	21	(a) (a)	66-66-66	.86- .95- —
1881 Cal.	16	17 M.	60-60-60	2.50-4.17-3.28
1881 Conn.	190	23 M.	60-60-60	1.25-2.84-2.19
1881 Conn.	190	31 M.	60-60-60	c .35- .35- .35
1881 Conn.	190	4 F.	60-60-60	c .31- .31- .31
1881 Ill.	2	52 M.	60-60-60	2.50-2.75-2.63
1881 Ill.	16	60 M.	60-60-60	3.00-3.00-3.00
1881 Ind	2	11 M.	(a)	1.80-1.80-1.80
1881 Iowa	2	7 M.	60-60-60	2.00-2.00-2.00
1881 La	2	30 M.	60-60-60	3.50-3.50-3.50
1881 La	16	16 M.	59-60-59	3.00-3.00-3.00
1881 Md	16	37 M.	60-60-60	2.70-2.70-2.70
1881 Md	190	14 M.	59-59-59	2.70-2.70-2.70
1881 Mass	16	46 M.	59-59-59	2.17-4.17-2.61
1881 Minn	2	4 M.	54-54-54	2.88-2.88-2.88
1881 Minn	16	5 M.	60-60-60	1.75-1.75-1.75
1881 Minn	16	17 M.	52-52-52	c .38- .38- .38
1881 Mo	2	5 M.	42-42-42	3.00-3.00-3.00
1881 Mo	16	30 M.	54-60-59	2.67-3.00-2.93
1881 Mo	16	138 M.	(a)	c .40- .40- .40
1881 N. J	2	22 M.	54-54-54	2.35-2.35-2.35
1881 N. J	320	7 M.	d 60-60-60	1.17-2.50-1.79
1881 N. Y.	2	22 M.	60-60-60	1.75-1.75-1.75
1881 N. Y.	16	57 M.	60-60-60	2.83-3.17-2.87
1881 N. Y.	190	65 (a)	e 59-59-59	2.00-4.00-2.63
1881 Ohio	2	171 M.	66-72-68	2.50-2.92-2.72
1881 Ohio	16	9 M.	59-59-59	3.00-3.67-3.19
1881 Ohio	363	9 M.	60-72-63	1.33-6.67-2.82
1881 Pa	2	105 M.	59-60-60	2.33-3.00-2.61
1881 Pa	16	13 M.	59-59-59	1.33-3.58-2.53
1881 Pa	190	5 M.	60-60-60	2.34-3.34-2.54
1881 Pa	190	1 M.	60-60-60	c .40- .40- .40
1881 Va	16	9 M.	58-58-58	2.67-2.67-2.67
1881 Belgium	16	(a) M.	(a)	.39- .92- —
1881 England	16	(a) M.	54-55 —	1.42-1.46- —
1881 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1881 France	16	(a) M.	(a)	.97-1.26- —
1881 France	16	(a) F.	(a)	1.16-1.16-1.16
1881 France	17	(a) M.	(a)	1.16-1.16-1.16
1881 France	501	(a) M.	(a)	.59-1.74- —
1881 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1882 Cal.	16	17 M.	60-60-60	2.50-4.17-3.33
1882 Conn.	2	35 M.	60-60-60	2.50-2.50-2.50
1882 Conn.	190	22 M.	60-60-60	1.25-3.00-2.19
1882 Conn.	190	42 M.	60-60-60	c 0.35-0.35-0.35
1882 Conn.	190	5 F.	60-60-60	c .31- .31- .31
1882 Ga	2	15 M.	70-70-70	2.50-2.50-2.50
1882 Ill.	2	90 M.	60-60-60	2.50-2.90-2.70
1882 Ill.	7	1 F.	51-51-51	1.17-1.17-1.17
1882 Ill.	16	65 M.	60-60-60	3.00-3.00-3.00
1882 Ill.	206	28 M.	66-66-66	2.70-2.70-2.70
1882 Iowa	2	40 M.	54-70-63	2.00-2.50-2.21
1882 Kans	2	6 M.	60-60-60	2.50-2.50-2.50
1882 Ky	2	18 (a)	60-60-60	3.00-3.00-3.00
1882 La	16	21 M.	59-60-59	3.00-3.00-3.00
1882 Md	16	48 M.	60-60-60	2.70-2.70-2.70
1882 Md	190	14 M.	59-59-59	2.70-2.70-2.70
1882 Mass	16	50 M.	59-59-59	2.00-3.17-2.75
1882 Mich	2	12 M.	72-72-72	2.60-2.60-2.60
1882 Minn	2	56 M.	59-72-65	2.25-3.00-2.69
1882 Minn	16	5 M.	60-60-60	1.75-1.75-1.75
1882 Minn	16	17 M.	52-52-52	c .40- .40- .40
1882 Mo	7	3 M.	59-59-59	2.00-3.00-2.67
1882 Mo	16	29 M.	54-60-59	2.67-3.00-2.92
1882 Mo	16	144 M.	(a)	c .40- .40- .40
1882 Mo	294	10 M.	54-60-59	2.17-3.50-2.81
1882 N. Y.	2	277 M.	54-63-59	2.00-3.20-2.64
1882 N. Y.	16	58 M.	60-60-60	2.67-3.17-2.80
1882 N. Y.	190	65 (a)	e 59-59-59	2.00-4.00-2.56
1882 N. Dak	2	7 M.	60-60-60	3.50-3.50-3.50
1882 Ohio	16	10 M.	59-59-59	3.00-3.67-3.22
1882 Ohio	364	235 (a)	55-84-56	1.33-3.00-2.20
1882 Pa	2	16 M.	59-60-59	2.50-2.67-2.61
1882 Pa	7	7 M.	60-60-60	2.00-2.67-2.52
1882 Pa	16	10 M.	59-59-59	1.50-4.00-2.82
1882 Pa	190	6 M.	60-60-60	2.67-3.34-2.78
1882 Pa	190	1 M.	60-60-60	c .40- .40- .40
1882 Pa	387	1 M.	60-60-60	2.25-2.25-2.25
1882 R. I	7	1 M.	60-60-60	2.67-2.67-2.67
1882 Tenn.	2	48 M.	45-72-51	1.79-2.00-1.90
1882 Tex	2	14 M.	60-60-60	2.50-2.50-2.50
1882 Va	2	36 M.	66-66-66	1.64-1.81-1.73
1882 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1882 Belgium	16	(a) M.	(a)	.44- .92- —
1882 England	16	(a) M.	54-55 —	1.42-1.46- —
1882 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1882 France	16	(a) M.	(a)	.97-1.26- —
1882 France	16	(a) F.	(a)	1.16-1.16-1.16
1882 France	17	(a) M.	(a)	1.16-1.16-1.16
1882 France	502	(a) M.	(a)	.60-1.74- —
1882 Germany	554	(a) (a)	f 56-56-56	.60-1.59- —
1882 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1882 Venezuela	34	(a) (a)	48-48-48	1.50-2.00- —
1883 Cal.	2	50 M.	60-60-60	4.50-4.50-4.50
1883 Cal.	16	18 M.	60-60-60	2.50-4.17-3.27
1883 Conn.	2	18 M.	60-60-60	2.50-2.50-2.50
1883 Conn.	190	22 M.	60-60-60	1.25-3.00-2.25
1883 Conn.	190	35 M.	60-60-60	c .35- .35- .35
1883 Conn.	190	4 F.	60-60-60	c .31- .31- .31
1883 Ga	2	10 M.	59-59-59	2.00-2.00-2.00
1883 Ill	2	310 M.	60-60-60	1.50-2.80-2.76
1883 Ill	2	34 F.	60-60-60	2.00-2.00-2.00
1883 Ill	16	75 M.	60-60-60	3.00-3.00-3.00
1883 Iowa	2	40 M.	66-66-66	3.00-3.00-3.00
1883 La	16	20 M.	59-60-59	3.00-3.00-3.00
1883 Md	16	38 M.	60-60-60	2.70-2.70-2.70
1883 Md	190	15 M.	59-59-59	2.70-2.70-2.70
1883 Mass	2	45 M.	59-70-65	2.50-4.00-3.44
1883 Mass	2	96 (a)	59-59-59	1.82-1.82-1.82
1883 Mass	7	5 M.	(a)	2.50-2.83-2.60
1883 Mass	7	26 F.	(a)	.82-3.00-1.58
1883 Mass	16	51 M.	59-59-59	2.17-4.33-2.84
1883 Mass	273	67 M.	(a)	2.00-3.67-2.40

a Not reported.
b Not including hours of 47 persons not reported.
c Per 1,000 ems.
d Not including hours of 2 persons not reported.
e Not including hours of 49 persons not reported.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Mass	273	16 F.	(a)	1.42-1.42-1.42
1883 Mich	277	163 M.	(a)	.75-5.00-2.24
1883 Minn	2	35 M.	59-72-65	2.25-2.75-2.46
1883 Minn	16	5 M.	60-60-60	1.75-1.75-1.75
1883 Minn	16	17 M.	52-52-52	b .40- .40- .40
1883 Mo	2	40 M.	60-60-60	2.25-2.25-2.25
1883 Mo	7	1 M.	(a)	2.33-2.33-2.33
1883 Mo	16	29 M.	54-60-59	2.67-3.00-2.92
1883 Mo	16	134 M.	(a)	b .40- .40- .40
1883 Nebr	2	110 M.	66-66-66	2.85-2.95-2.90
1883 N. J	7	4 M.	54-54-54	2.13-2.33-2.22
1883 N. J	7	3 F.	54-54-54	1.67-2.00-1.81
1883 N. J	322	4 M.	60-60-60	2.50-2.80-2.58
1883 N. Mex	2	10 M.	54-54-54	3.00-3.00-3.00
1883 N. Y	2	1473 M.	42-56-48	2.00-3.50-2.89
1883 N. Y	7	21 M.	59-59-59	1.50-2.00-1.91
1883 N. Y	16	82 M.	60-60-60	2.67-3.33-2.90
1883 N. Y	190	59 (a)	c 59-59-59	2.00-4.00-2.76
1883 Ohio	2	19 M.	60-72-68	2.40-4.00-2.99
1883 Ohio	16	11 M.	59-59-59	3.00-3.67-3.20
1883 Ohio	365	16 M.	d 54-60-59	1.33-3.83-2.40
1883 Pa	2	25 M.	60-60-60	2.50-4.50-3.54
1883 Pa	16	13 M.	59-59-59	2.33-4.00-2.77
1883 Pa	190	8 M.	60-60-60	2.67-3.34-2.75
1883 Pa	190	1 M.	60-60-60	b .40- .40- .40
1883 Tenn	2	13 M.	60-60-60	2.00-2.00-2.00
1883 Tex	2	40 M.	70-70-70	2.50-2.75-2.63
1883 Va	16	14 M.	58-58-58	2.67-2.67-2.67
1883 Wyo	2	7 M.	59-59-59	3.50-3.50-3.50
1883 Belgium	16	(a) M.	(a)	.48- .92- —
1883 Colombia	42	(a) (a)	(a)	.31- .77- —
1883 Ecuador	43	(a) (a)	(a)	1.00-2.00- —
1883 England	16	(a) M.	54-55 —	1.42-1.46- —
1883 England	43	(a) (a)	(a)	1.54-1.70- —
1883 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1883 France	16	(a) M.	(a)	.97-1.26- —
1883 France	16	(a) F.	(a)	1.16-1.16-1.16
1883 France	17	(a) M.	(a)	1.16-1.16-1.16
1883 France	503	(a) M.	(a)	.61-1.74- —
1883 Germany	555	(a) (a)	51-51-51	.83-1.19- —
1883 Gr't Brit	273	(a) M.	(a)	.73-1.83- —
1883 Gr't Brit	273	(a) M.	(a)	b .24- .30- —
1883 Ireland	43	(a) (a)	(a)	1.09-1.26- —
1883 Ireland	572	(a) M.	54-57 —	1.22-1.74- —
1883 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1883 Scotland	572	(a) M.	54-54-54	1.01-1.32- —
1883 Scotland	572	(a) F.	54-54-54	.41- .61- —
1883 Switzerl'd	632	(a) (a)	(a)	.80-1.61- —
1884 Cal	16	21 M.	60-60-60	2.50-4.17-3.32
1884 Cal	192	73 M.	e 60-60-60	2.00-3.00-2.55
1884 Cal	192	10 F.	48-48-48	2.50-2.50-2.50
1884 Conn	2	20 M.	60-60-60	2.19-2.50-2.35
1884 Conn	190	21 M.	60-60-60	1.25-3.17-2.49
1884 Conn	190	25 M.	60-60-60	b .35- .35- .35
1884 Conn	190	4 F.	60-60-60	b .31- .31- .31
1884 Del	2	10 M.	40-40-40	3.00-3.00-3.00
1884 Ga	7	8 M.	54-54-54	2.33-3.00-2.69
1884 Ill	2	19 M.	60-60-60	1.60-2.00-1.89
1884 Ill	16	70 M.	60-60-60	3.00-3.00-3.00
1884 Ill	207	1 M.	(a)	4.00-4.00-4.00
1884 Ill	207	1 F.	(a)	3.25-3.25-3.25
1884 Ind	2	23 M.	f 60-60-60	1.00-2.25-1.45
1884 Iowa	2	36 M.	60-72-66	2.75-3.00-2.85
1884 Iowa	231	15 M.	48-72-60	1.25-4.16-2.03
1884 Kans	2	16 M.	60-60-60	2.00-2.00-2.00
1884 Ky	7	1 M.	59-59-59	2.67-2.67-2.37
1884 La	16	22 M.	59-60-59	3.00-3.00-3.00
1884 Md	16	40 M.	60-60-60	2.70-2.70-2.70
1884 Md	190	12 M.	59-59-59	2.70-2.70-2.70
1884 Mass	16	48 M.	59-59-59	2.00-4.17-2.70
1884 Mich	2	130 M.	54-54-54	1.50-1.60-1.55
1884 Mich	278	126 M.	(a)	.50-3.00-1.39
1884 Mich	278	1 F.	(a)	.75- .75- .75
1884 Minn	2	25 M.	60-60-60	2.50-2.50-2.50
1884 Minn	16	5 M.	60-60-60	1.75-1.75-1.75
1884 Minn	16	17 M.	52-52-52	b .40- .40- .40
1884 Mo	7	9 M.	(a)	2.00-2.87-2.61
1884 Mo	7	12 F.	(a)	.88-1.33-1.11
1884 Mo	16	30 M.	54-60-59	2.67-3.00-2.92
1884 Mo	16	144 M.	(a)	b .40- .40- .40
1884 Mo	295	683 (a)	(a)	1.43-1.43-1.43
1884 Nebr	2	22 M.	66-66-66	3.00-3.00-3.00
1884 N. J	323	406 M.	g 48-60-56	1.00-4.00-2.17
1884 N. Mex	2	5 M.	54-54-54	3.00-3.00-3.00
1884 N. Y	2	221 M.	48-70-57	2.00-3.15-2.60
1884 N. Y	2	34 (a)	50-54-53	2.50-3.41-3.25
1884 N. Y	16	62 M.	60-60-60	3.00-3.33-3.01
1884 N. Y	190	74 (a)	h 59-59-59	2.00-4.17-2.65
1884 N. C	7	9 M.	60-60-60	2.00-2.33-2.22
1884 N. Dak	2	17 M.	59-60-59	3.50-3.50-3.50
1884 Ohio	2	10 M.	59-59-59	3.00-3.00-3.00
1884 Ohio	7	8 M.	51-59-55	2.50-3.00-2.56
1884 Ohio	16	12 M.	59-59-59	3.00-3.67-3.21
1884 Ohio	366	7 M.	60-60-60	2.36-2.36-2.36
1884 Pa	7	4 M.	59-59-59	2.33-2.67-2.54
1884 Pa	16	13 M.	59-59-59	2.00-4.00-2.73
1884 Pa	190	5 M.	60-60-60	2.67-3.34-2.80
1884 Pa	190	1 M.	60-60-60	b .40- .40- .40
1884 Pa	388	1 M.	(a)	1.50-1.50-1.50
1884 Tenn	7	3 M.	59-59-59	2.00-2.92-2.47
1884 Tex	2	23 M.	60-60-60	3.00-3.00-3.00
1884 Va	16	13 M.	58-58-58	2.67-2.67-2.67
1884 W. Va	7	3 M.	59-59-59	1.17-1.67-1.44
1884 W. Va	7	1 F.	59-59-59	.83- .83- .83
1884 Wyo	2	8 M.	59-59-59	3.50-3.50-3.50
1884 Aust-Hun	178	(a) (a)	60-72 —	.40-2.67- —
1884 Bahamas	178	(a) M.	(a)	.79-1.00- —
1884 Belgium	16	(a) M.	(a)	.44- .92- —
1884 Belgium	178	(a) M.	i 60-72 —	.19-1.67- —
1884 Brazil	178	(a) (a)	j 60-60-60	.86-4.30- —
1884 Brazil	178	(a) (a)	48-48-48	b .43- .43- .43
1884 Br. Guiana	178	(a) M.	60-60-60	.54-1.17- —
1884 Br. Hond	178	(a) (a)	54-54-54	.99-2.48- —
1884 Canada	178	(a) (a)	k 54-60 —	.50-2.83- —
1884 Canada	178	(a) (a)	l 60-60-60	b .21- .30- —
1884 Canada	466	(a) M.	57-59 —	1.54-1.56- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.17-2.50- —
1884 C. of G'd H.	483	(a) (a)	(a)	1.49-4.87- —
1884 Ceylon	178	(a) (a)	m 53-53-53	.06¼-4.50- —
1884 China	178	(a) M.	60-60-60	.19- .23- —
1884 Colombia	178	(a) (a)	60-72 —	.40-2.69- —
1884 Cuba	178	(a) M.	o 59-59-59	.89-2.14- —
1884 Denmark	178	(a) M.	60-60-60	.54-1.33- —
1884 Ecuador	178	(a) M.	60-60-60	1.00-2.00- —
1884 England	16	(a) M.	54-55 —	1.42-1.46- —
1884 England	178	(a) M.	p 50-60 —	.73-2.43- —
1884 England	178	(a) M.	54-54-54	b .28- .28- .28
1884 England	575	(a) M.	54-54-54	1.46-1.46-1.46

a Not reported.
b Per 1,000 ems.
c Not including hours of 42 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 40 persons not reported.
f Not including hours of 7 persons not reported.
g Not including hours of 301 persons not reported.
h Not including hours of 58 persons not reported.
i Applies to but 14 of the 16 wage quotations.
j Applies to but 2 of the 3 wage quotations.
k Applies to but 73 of the 79 wage quotations.
l Applies to but 3 of the 5 wage quotations.
m Applies to but 2 of the 8 wage quotations.
o Applies to but 2 of the 4 wage quotations.
p Applies to but 72 of the 95 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Falkl'd Is.	178	(a) (a)	(a)	b0.24-0.24-0.24
1884 France	16	(a) M.	(a)	1.06-1.26- —
1884 France	16	(a) F.	(a)	1.16-1.16-1.16
1884 France	17	(a) M.	(a)	1.16-1.16-1.16
1884 France	178	(a) M.	c60-70 —	.77-4.33- —
1884 France	178	(a) M.	(a)	b.08- .14- —
1884 France	178	(a) F.	(a)	.29- .48- —
1884 France	504	(a) M.	(a)	.62-1.74- —
1884 Germany	178	(a) M.	d57-72 —	.40-1.98- —
1884 Germany	556	(a) (a)	48-57 —	.60-1.79- —
1884 Gibraltar	178	(a) M.	56-60 —	.83-1.25- —
1884 Hawai. Is	178	(a) (a)	54-54-54	3.33-5.00- —
1884 Ireland	178	(a) M.	e48-60 —	.81-1.82- —
1884 Italy	178	(a) M.	f60-66 —	.26-1.80- —
1884 Madeira Is.	178	(a) M.	54-54-54	.90- .90- .90
1884 Malta	178	(a) M.	54-54-54	.41- .61- —
1884 Mexico	178	(a) (a)	g60-72 —	.25-9.17- —
1884 Morocco	178	(a) (a)	60-72 —	.50-2.00- —
1884 Netherl'ds	178	(a) (a)	60-63 —	.33-1.47- —
1884 N. Zealand	178	(a) (a)	60-60-60	2.50-4.17- —
1884 Persia	178	(a) (a)	(a)	.26- .48- —
1884 Peru	178	(a) M.	(a)	1.34-2.05- —
1884 Philip. Is	178	(a) M.	(a)	.75-1.33- —
1884 Portugal	178	(a) M.	(a)	.80- .80- .80
1884 Russia	178	(a) M.	60-72 —	.30-1.61- —
1884 Russia	178	(a) M.	72-72-72	h.28- .28- .28
1884 Russia	178	(a) M.	60-72 —	i.55-1.38- —
1884 S. Domingo	178	(a) (a)	60-60-60	1.00-1.25- —
1884 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1884 Scotland	178	(a) M.	j39-57 —	.92-2.03- —
1884 Scotland	178	(a) M.	k51-51-51	l .24- .40- —
1884 S'ra Leone	178	(a) M.	48-48-48	.24- .81- —
1884 Spain	178	(a) M.	n60-72 —	.30-2.00- —
1884 Switzerl'd	178	(a) M.	o60-69 —	.87-1.77- —
1884 Turkey	178	(a) M.	(a)	.22-1.10- —
1884 Turk. in A.	178	(a) (a)	54-72 —	.24-1.02- —
1884 Venezuela	178	(a) (a)	p54-60 —	.58-4.00- —
1884 Wales	178	(a) M.	q54-60 —	.81-1.62- —
1884 Wales	178	(a) M.	(a)	l .22- .35- —
1885 Ala.	367	62 (a)	(a)	2.50-3.33-2.97
1885 Ark	367	53 (a)	(a)	2.67-2.67-2.67
1885 Cal.	16	17 M.	60-60-60	2.50-4.00-3.49
1885 Cal.	367	391 (a)	(a)	3.00-3.50-3.08
1885 Colo.	367	213 (a)	(a)	3.50-4.33-3.62
1885 Conn.	190	21 M.	60-60-60	1.50-3.09-2.46
1885 Conn.	190	23 M.	60-60-60	l .35- .35- .35
1885 Conn.	190	4 F.	60-60-60	l .31- .31- .31
1885 Conn.	367	23 (a)	(a)	2.50-2.50-2.50
1885 D. C	2	27 M.	r54-54-54	2.00-2.70-2.34
1885 D. C	367	970 (a)	(a)	3.20-3.20-3.20
1885 Fla.	7	11 M.	60-60-60	2.00-3.00-2.47
1885 Fla.	367	57 (a)	(a)	2.50-2.50-2.50
1885 Ga	7	8 M.	s60-60-60	2.00-3.00-2.63
1885 Ill.	16	70 M.	60-60-60	3.00-3.00-3.00
1885 Ill.	367	1847 (a)	(a)	2.00-3.00-2.97
1885 Ind	2	14 M.	(a)	1.67-1.67-1.67
1885 Ind	2	12 M.	(a)	l .30- .30- .30
1885 Ind	367	364 (a)	(a)	2.00-2.50-2.32
1885 Iowa	2	39 M.	60-72-67	2.00-3.00-2.60
1885 Iowa	367	52 (a)	(a)	2.00-2.33-2.21
1885 Kans.	2	19 M.	60-60-60	2.00-2.00-2.00
1885 Kans.	239	10 M.	48-60-59	1.66-2.50-2.22
1885 Ky.	367	245 (a)	(a)	3.00-3.00-3.00
1885 La	2	25 (a)	60-60-60	2.75-2.75-2.75
1885 La	7	10 M.	60-60-60	1.82-3.00-2.33
1885 La	16	21 M.	59-60-59	3.00-3.00-3.00
1885 La	367	250 (a)	(a)	3.00-3.00-3.00
1885 Me	7	5 M.	60-60-60	1.00-1.50-1.35
1885 Me	7	1 F.	60-60-60	1.25-1.25-1.25
1885 Me	367	50 (a)	(a)	2.33-2.33-2.33
1885 Md.	16	40 M.	60-60-60	2.70-2.70-2.70
1885 Md.	190	12 M.	59-59-59	2.70-2.70-2.70
1885 Md.	367	251 (a)	(a)	2.70-2.70-2.70
1885 Mass	2	25 M.	70-70-70	4.00-4.00-4.00
1885 Mass	7	89 M.	54-60-58	1.17-3.33-1.87
1885 Mass	7	31 F.	54-59-57	.71-3.13-1.62
1885 Mass	16	50 M.	59-59-59	2.17-4.17-2.70
1885 Mass	367	1335 (a)	(a)	2.00-2.50-2.49
1885 Mich.	367	378 (a)	(a)	2.00-2.33-2.31
1885 Minn	16	6 M.	60-60-60	1.75-1.75-1.75
1885 Minn	16	17 M.	52-52-52	l .40- .40- .40
1885 Minn	367	387 (a)	(a)	2.50-2.67-2.56
1885 Mo.	2	36 M.	59-59-59	2.83-3.00-2.92
1885 Mo.	2	14 (a)	60-60-60	1.94-1.94-1.94
1885 Mo.	7	4 M.	59-59-59	2.50-2.50-2.50
1885 Mo.	16	32 M.	54-60-59	2.67-3.00-2.93
1885 Mo.	16	181 M.	(a)	l .40- .40- .40
1885 Mo.	367	912 (a)	(a)	1.67-3.00-2.82
1885 Mont.	2	10 M.	60-60-60	4.00-4.50-4.25
1885 Nebr	367	120 (a)	(a)	2.50-2.50-2.50
1885 N. J	2	9 M.	60-60-60	2.75-2.75-2.75
1885 N. J	7	4 M.	55-59-58	2.00-3.00-2.67
1885 N. J	324	468 M.	t 48-60-60	1.25-3.67-1.96
1885 N. J	367	89 (a)	(a)	2.33-2.33-2.33
1885 N. Y.	2	773 (a)	54-70-59	1.60-3.00-1.84
1885 N. Y.	7	68 M.	u47-60-58	.83-3.51-2.35
1885 N. Y.	7	4 F.	47-59-50	1.09-1.96-1.35
1885 N. Y.	16	58 M.	60-60-60	3.00-3.33-3.01
1885 N. Y.	190	65 (a)	v 59-59-59	2.00-4.17-2.72
1885 N. Y.	330	54 F.	w48-60-57	.37-3.00-1.52
1885 N. Y.	367	4567 (a)	(a)	2.00-3.00-2.92
1885 Ohio	2	69 M.	60-81-64	2.00-3.12-2.65
1885 Ohio	7	2 M.	59-59-59	2.50-2.50-2.50
1885 Ohio	16	16 M.	59-59-59	3.00-3.67-3.14
1885 Ohio	367	240 (a)	(a)	2.33-2.50-2.41
1885 Oregon	367	119 (a)	(a)	3.50-3.50-3.50
1885 Pa	16	15 M.	59-59-59	1.17-3.40-2.67
1885 Pa	190	6 M.	60-60-60	2.67-3.34-2.78
1885 Pa	190	1 M.	60-60-60	l .40- .40- .40
1885 Pa	367	343 (a)	(a)	2.25-3.00-2.47
1885 S. C	7	7 M.	59-59-59	1.50-2.83-2.40
1885 S. C	367	15 (a)	(a)	1.50-1.50-1.50
1885 Tenn.	2	8 M.	45-45-45	1.75-1.75-1.75
1885 Tenn.	367	330 (a)	(a)	2.00-3.00-2.67
1885 Tex	2	20 M.	60-60-60	3.20-3.20-3.20
1885 Utah	367	67 (a)	(a)	3.00-3.00-3.00
1885 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1885 Va	367	112 (a)	(a)	2.67-2.67-2.67
1885 Wash	367	38 (a)	(a)	3.00-3.50-3.28
1885 W. Va	367	55 (a)	(a)	2.50-2.50-2.50
1885 Wis	408	2 M.	60-72-66	3.00-3.33-3.17
1885 Belgium	16	(a) M.	(a)	.73- .97- —

a Not reported.
b Per hour.
c Applies to but 23 of the 25 wage quotations.
d Applies to but 94 of the 110 wage quotations.
e Applies to but 11 of the 13 wage quotations.
f Applies to but 32 of the 40 wage quotations.
g Applies to but 16 of the 28 wage quotations.
h And board and lodging.
i And lodging.
j Applies to but 21 of the 24 wage quotations.
k Applies to but 12 of the 25 wage quotations.
l Per 1,000 ems.
n Applies to but 21 of the 23 wage quotations.
o Applies to but 14 of the 22 wage quotations.
p Applies to but 8 of the 10 wage quotations.
q Applies to but 12 of the 15 wage quotations.
r Not including hours of 14 persons not reported.
s Not including hours of 3 persons not reported.
t Not including hours of 1 person not reported.
u Not including hours of 18 persons not reported.
v Not including hours of 52 persons not reported.
w Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Canada	367	(a) (a)	(a)	1.50-3.00- —
1885 Canada	467	(a) M.	56-56-56	1.41-1.42- —
1885 Canada	467	(a) F.	59-59-59	.77- .77- .77
1885 China	678	(a) (a)	(a)	*b* .20- .20- .20
1885 Ecuador	54	(a) (a)	(a)	.24- .24- .24
1885 England	16	(a) M.	54-55 —	1.42-1.46- —
1885 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1885 France	16	(a) M.	(a)	1.06-1.26- —
1885 France	16	(a) F.	(a)	1.16-1.16-1.16
1885 France	17	(a) M.	(a)	1.16-1.16-1.16
1885 France	494	(a) M.	(a)	.75-1.25- —
1885 Germany	71	(a) M.	60-60-60	.95-1.17- —
1885 Germany	547	(a) M.	(a)	.48-2.09- —
1885 Japan	643	(a) M.	(a)	*c* .11- .49- —
1885 N. Zealand	68	(a) (a)	(a)	2.03-2.84- —
1885 Norway	686	(a) M.	(a)	.75- .75- .75
1885 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1885 Switzerl'd	184	(a) (a)	(a)	.80-1.20- —
1886 Cal	16	17 M.	60-60-60	2.50-4.17-3.41
1886 Cal	193	356 M.	*d*48-72-60	1.00-4.17-2.41
1886 Cal	193	42 F.	60-60-60	1.00-2.30-1.08
1886 Cal	193	1 F.	(a)	*c*1.53-1.53-1.53
1886 Conn	190	24 M.	60-60-60	1.42-3.09-2.42
1886 Conn	190	27 M.	60-60-60	*e* .35- .35- .35
1886 Conn	190	4 F.	60-60-60	*e* .31- .31- .31
1886 Fla	2	45 M.	60-60-60	2.24-2.24-2.24
1886 Ill	7	1 M.	60-60-60	1.83-1.83-1.83
1886 Ill	16	70 M.	60-60-60	3.00-3.00-3.00
1886 Ill	208	107 M.	60-72-62	1.25-3.00-2.52
1886 Ind	2	20 M.	(a)	*e* .30- .30- .30
1886 Iowa	7	14 M.	59-60-60	.98-2.83-2.22
1886 Iowa	232	230 M.	*f*54-63-57	.70-5.00-1.57
1886 Iowa	232	13 F.	54-54-54	1.11-1.11-1.11
1886 Kans	240	59 M.	(*g*)	1.50-4.30-2.43
1886 La	2	26 (a)	51-51-51	3.25-3.25-3.25
1886 La	16	22 M.	59-60-59	3.00-3.00-3.00
1886 Md	16	43 M.	60-60-60	2.70-2.70-2.70
1886 Md	190	15 M.	59-59-59	2.70-2.70-2.70
1886 Mass	16	49 M.	59-59-59	2.50-4.17-2.72
1886 Mich	2	504 (a)	55-60-55	1.89-2.16-1.97
1886 Mich	7	7 M.	*h*59-59-59	1.50-2.50-2.05
1886 Mich	7	9 F.	*i*59-59-59	1.29-2.23-1.71
1886 Minn	2	86 (a)	59-59-59	1.97-2.50-2.24
1886 Minn	16	6 M.	60-60-60	1.75-1.75-1.75
1886 Minn	16	17 M.	52-52-52	*e* .40- .40- .40
1886 Mo	2	36 M.	59-59-59	2.00-2.00-2.00
1886 Mo	2	42 (a)	58-59-59	2.50-2.83-2.67
1886 Mo	3	20 F.	52-59-56	.67-2.00-1.28
1886 Mo	16	32 M.	54-60-59	2.50-3.00-2.89
1886 Mo	16	180 M.	(a)	*e* .40- .40- .40
1886 N. J	2	55 (a)	59-59-59	1.90-1.90-1.90
1886 N. J	325	75 M.	54-60-60	2.50-3.00-2.98
1886 N. Y	2	30 M.	60-63-61	2.50-3.20-2.78
1886 N. Y	3	1 F.	54-54-54	2.00-2.00-2.00
1886 N. Y	7	62 M.	54-60-59	1.01-3.23-2.23
1886 N. Y	7	4 F.	59-60-60	1.00-1.45-1.15
1886 N. Y	16	74 M.	60-60-60	3.00-3.33-3.01
1886 N. Y	190	86 (a)	*j*59-59-59	2.00-4.17-2.78
1886 Ohio	2	84 M.	60-60-60	3.50-4.00-3.75
1886 Ohio	16	21 M.	59-59-59	3.00-3.67-3.12
1886 Ohio	368	6 M.	(a)	.99-3.32-2.16
1886 Pa	7	11 M.	*k*59-60-60	2.00-3.17-2.29
1886 Pa	16	11 M.	59-59-59	1.33-3.00-2.57
1886 Pa	190	6 M.	60-60-60	2.67-3.34-2.78
1886 Pa	190	1 M.	60-60-60	*c*0.40-0.40-0.40
1886 R. I	3	2 F.	49-59-54	.50-1.83-1.17
1886 Tex	2	9 (a)	60-60-60	2.33-2.33-2.33
1886 Va	2	10 M.	60-60-60	1.31-2.00-1.65
1886 Va	16	12 M.	58-58-58	2.67-2.67-2.67
1886 W. Va	2	36 M.	60-77-71	2.50-2.80-2.55
1886 Wis	3	1 F.	(a)	1.33-1.33-1.33
1886 Argentina	57	(a) (a)	*l*60-60-60	.80-2.40- —
1886 Aust-Hun	60	(a) (a)	(a)	.62-1.24- —
1886 Aust-Hun	184	(a) (a)	(a)	.65- .81- —
1886 Belgium	16	(a) M.	(a)	.58- .97- —
1886 Canada	468	(a) M.	59-59-59	1.51-1.51-1.51
1886 C. of G'd H.	483	(a) (a)	(a)	1.22-2.03- —
1886 C. of G'd H.	483	(a) (a)	(a)	*m*.36½-.48½- —
1886 C. of G'd H.	483	(a) (a)	(a)	*e* .37- .41- —
1886 England	16	(a) M.	54-55 —	1.42-1.46- —
1886 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1886 England	604	(a) M.	(a)	1.36-1.47- —
1886 France	16	(a) M.	(a)	1.06-1.26- —
1886 France	16	(a) F.	(a)	1.16-1.16-1.16
1886 France	17	(a) M.	(a)	1.16-1.16-1.16
1886 France	495	(a) M.	(a)	.75-1.25- —
1886 Germany	175	(a) (a)	(a)	.63-1.00- —
1886 Germany	548	(a) (a)	(a)	.71-1.59- —
1886 Japan	644	(a) M.	(a)	*c* .11- .49- —
1886 Netherl'ds	456	(a) (a)	60-60-60	.67-1.51- —
1886 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1886 Scotland	604	(a) M.	(a)	1.19-1.25- —
1887 Cal	3	33 F.	47-60-53	.17-1.67- .88
1887 Cal	16	15 M.	60-60-60	3.00-4.17-3.44
1887 Conn	190	24 M.	60-60-60	1.42-3.00-2.39
1887 Conn	190	23 M.	60-60-60	*e* .35- .35- .35
1887 Conn	190	4 F.	60-60-60	*e* .31- .31- .31
1887 Conn	202	43 M.	(a)	.88-2.45-2.23
1887 Ill	3	2 F.	49-50-50	.75-1.00- .88
1887 Ill	16	75 M.	60-60-60	3.00-3.00-3.00
1887 Kans	241	15 M.	*n* 54-78-62	2.00-3.00-2.66
1887 Ky	3	1 F.	59-59-59	1.33-1.33-1.33
1887 La	16	21 M.	59-60-59	3.00-3.00-3.00
1887 Me	253	2 M.	60-60-60	1.00-2.00-1.50
1887 Md	16	51 M.	60-60-60	2.70-2.70-2.70
1887 Md	190	14 M.	59-59-59	2.70-2.70-2.70
1887 Mass	3	21 F.	*h* 50-59-53	.58-1.67-1.21
1887 Mass	16	68 M.	59-59-59	2.50-4.17-2.69
1887 Minn	3	11 F.	54-59-57	.42-2.66-1.11
1887 Minn	16	6 M.	60-60-60	1.75-1.75-1.75
1887 Minn	16	17 M.	52-52-52	*e* .40- .40- .40
1887 Mo	16	31 M.	54-60-59	2.50-3.00-2.89
1887 Mo	16	185 M.	(a)	*e* .42- .43-.42½
1887 N. Y	3	10 F.	*h* 54-54-54	.50-2.50-1.13
1887 N. Y	7	31 M.	(a)	1.46-3.00-2.30
1887 N. Y	7	2 F.	(a)	1.90-2.03-1.97
1887 N. Y	16	80 M.	60-60-60	3.00-3.33-3.01
1887 N. Y	190	116 (a)	*o* 59-59-59	2.50-4.17-2.79
1887 N. C	342	6 M.	60-60-60	1.00-2.33-1.47
1887 Ohio	3	1 F.	53-53-53	1.75-1.75-1.75
1887 Ohio	16	15 M.	59-59-59	3.00-3.50-3.12
1887 Ohio	369	2493 M.	48-72-58	.34-6.66-2.24
1887 Ohio	369	253 M.	54-60-60	*e* .25- .30- .30
1887 Ohio	369	283 F.	48-60-59	.25-6.66-1.01
1887 Ohio	369	3 F.	60-60-60	*e* .20- .20- .20
1887 Pa	16	18 M.	59-59-59	1.67-3.50-2.65
1887 Pa	190	4 M.	60-60-60	2.67-3.34-2.92
1887 Pa	190	1 M.	60-60-60	*e* .40- .40- .40

a Not reported.
b And food.
c And board.
d Not including hours of 9 persons not reported.
e Per 1,000 ems.
f Not including hours of 207 persons not reported.
g 48-108-56 hours; not including hours of 10 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 5 persons not reported.
j Not including hours of 70 persons not reported.
k Not including hours of 8 persons not reported.
l Applies to but 2 of the 6 wage quotations.
m Per hour.
n Not including hours of 3 persons not reported.
o Not including hours of 102 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Va	16	10 M.	58-58-58	2.67-2.67-2.67
1887 Wis	3	1 F.	59-59-59	1.83-1.83-1.83
1887 Wis	409	464 M.	(a)	1.65-2.50-2.19
1887 Australia	420	(a) (a)	(a)	2.23-2.64- —
1887 Belgium	16	(a) M.	(a)	.58- .97- —
1887 Canada	469	(a) M.	55-55-55	1.66-1.67- —
1887 C. of G'd H.	483	(a) (a)	(a)	.97-2.43- —
1887 England	16	(a) M.	54-55 —	1.42-1.46- —
1887 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1887 France	16	(a) M.	(a)	1.06-1.26- —
1887 France	16	(a) F.	(a)	1.16-1.16-1.16
1887 France	17	(a) M.	(a)	1.16-1.16-1.16
1887 France	463	(a) (a)	(a)	1.10-1.10-1.10
1887 France	495	(a) M.	(a)	.75-1.25- —
1887 Germany	557	(a) F.	60-60-60	.40- .87- —
1887 Germany	557	(a) (a)	b 45-60 —	.48-2.38- —
1887 Japan	645	(a) M.	(a)	c .13- .43- —
1887 Netherl'ds	598	(a) (a)	60-60-60	.68-1.52- —
1887 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1888 Cal	16	15 M.	60-60-60	3.00-4.17-3.43
1888 Cal	194	36 F.	47-60-53	.17-1.67- .84
1888 Cal	194	50 F.	(a)	d .25- .35- .30
1888 Colo	198	2 M.	72-90-81	4.17-6.00-5.09
1888 Conn	190	21 M.	60-60-60	1.25-3.00-2.38
1888 Conn	190	25 M.	60-60-60	d .35- .35- .35
1888 Conn	190	3 F.	60-60-60	d .31- .31- .31
1888 Ga	3	3 F.	56-60-57	.96-1.50-1.15
1888 Ill	16	75 M.	60-60-60	3.00-3.00-3.00
1888 Ind	3	7 F.	e 56-59-58	.19-1.17- .72
1888 Iowa	233	132 M.	f 54-60-56	1.50-2.25-1.99
1888 Iowa	233	28 F.	60-60-60	.90-2.25-1.54
1888 Kans	242	42 M.	(a)	2.00-2.58-2.29
1888 Kans	243	1 M.	(a)	2.50-2.50-2.50
1888 La	16	20 M.	59-60-59	3.00-3.00-3.00
1888 Me	254	1 M.	60-60-60	2.33-2.33-2.33
1888 Me	254	5 F.	54-60-59	1.00-1.50-1.30
1888 Md	16	48 M.	60-60-60	2.70-2.70-2.70
1888 Md	190	14 M.	59-59-59	2.70-2.70-2.70
1888 Mass	16	56 M.	59-59-59	2.50-4.17-2.67
1888 Minn	16	6 M.	60-60-60	1.75-1.75-1.75
1888 Minn	16	17 M.	52-52-52	d .40- .40- .40
1888 Mo	16	29 M.	54-60-59	2.50-3.00-2.88
1888 Mo	16	194 M.	(a)	d .42- .43-.42½
1888 N. J	326	1 F.	60-60-60	.66- .66- .66
1888 N. J	326	6 (a)	48-60-57	2.00-3.50-2.47
1888 N. Y	16	83 M.	60-60-60	3.00-3.33-3.01
1888 N. Y	190	78 (a)	g 59-59-59	2.50-4.17-2.87
1888 N. Y	331	808 M.	h 42-66-57	.67-4.17-2.15
1888 N. Y	331	7 M.	59-60-60	c .50- .75- .56
1888 N. Y	331	341 M.	i 48-78-60	d .16- .35- .29
1888 N. Y	331	9 F.	j 59-60-59	1.25-2.33-1.69
1888 N. C	343	30 M.	e 36-72-60	.62-2.83-1.37
1888 Ohio	16	21 M.	59-59-59	3.00-3.50-3.09
1888 Ohio	370	2332 M.	(a)	1.00-3.00-2.29
1888 Pa	16	15 M.	59-59-59	2.00-3.00-2.62
1888 Pa	190	3 M.	60-60-60	2.67-3.34-3.00
1888 Pa	190	1 M.	60-60-60	d .40- .40- .40
1888 R. I	397	3 M.	(a)	2.95-3.00-2.98
1888 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1888 Australia	421	(a) M.	(a)	2.23-2.64- —
1888 Aust-Hun	447	(a) M.	(a)	.17-1.38- —
1888 Aust-Hun	447	(a) F.	(a)	.10- .45- —
1888 Belgium	16	(a) M.	(a)	.58- .97- —
1888 Canada	470	(a) M.	58-58-58	1.51-1.51-1.51
1888 Canada	470	(a) F.	60-60-60	0.64-0.64-0.64
1888 C. of G'd H.	483	(a) F.	(a)	.56- .56- .56
1888 C. of G'd H.	483	(a) (a)	(a)	.84-4.87- —
1888 C. of G'd H.	483	(a) (a)	(a)	d .37- .37- .37
1888 England	16	(a) M.	54-55 —	1.42-1.46- —
1888 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1888 France	16	(a) M.	(a)	1.06-1.26- —
1888 France	16	(a) F.	(a)	1.16-1.16-1.16
1888 France	17	(a) M.	(a)	1.16-1.16-1.16
1888 Germany	558	(a) F.	56-60 —	.24- .89- —
1888 Germany	558	(a) (a)	k 48-60 —	.48-2.78- —
1888 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1888 Scotland	574	(a) (a)	l 51-57 —	1.01-1.62- —
1889 Cal	16	18 M.	60-60-60	3.00-4.00-3.42
1889 Conn	190	29 M.	60-60-60	1.25-3.17-2.41
1889 Conn	190	43 M.	60-60-60	d .35- .35- .35
1889 Conn	190	2 F.	60-60-60	d .31- .31- .31
1889 Ill	16	75 M.	60-60-60	3.00-3.00-3.00
1889 Kans	243	729 M.	(a)	.50-4.00-1.89
1889 Kans	243	135 F.	(a)	.29-2.50-1.05
1889 La	16	21 M.	59-60-59	3.00-3.00-3.00
1889 Md	16	47 M.	60-60-60	2.70-2.70-2.70
1889 Md	190	12 M.	59-59-59	2.70-2.70-2.70
1889 Mass	16	75 M.	59-59-59	2.50-4.17-2.68
1889 Minn	16	6 M.	60-60-60	1.75-1.75-1.75
1889 Minn	16	17 M.	52-52-52	d .40- .40- .40
1889 Minn	292	5 M.	(a)	1.15-1.15-1.15
1889 Mo	16	29 M.	54-60-59	2.50-3.00-2.88
1889 Mo	16	192 M.	(a)	d .42- .43-.42½
1889 N. Y	16	90 M.	60-60-60	3.00-3.33-3.01
1889 N. Y	190	103 (a)	n 59-59-59	2.50-4.17-2.93
1889 N. C	344	1 M.	60-60-60	1.67-1.67-1.67
1889 Ohio	16	17 M.	59-59-59	3.00-3.50-3.11
1889 Pa	16	15 M.	59-59-59	1.67-3.00-2.54
1889 Pa	190	4 M.	60-60-60	2.67-3.34-2.92
1889 Pa	190	1 M.	60-60-60	d .40- .40- .40
1889 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1889 Australia	422	(a) (a)	48-48-48	2.43-2.43-2.43
1889 Belgium	16	(a) M.	(a)	.58- .97- —
1889 Canada	471	(a) M.	57-59 —	1.52-1.53- —
1889 Canada	471	(a) F.	54-55 —	.69-1.65- —
1889 C. of G'd H.	483	(a) (a)	(a)	1.22-3.04- —
1889 Denmark	520	(a) (a)	(a)	1.07-1.07-1.07
1889 England	16	(a) M.	54-55 —	1.42-1.46- —
1889 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1889 France	16	(a) M.	(a)	1.06-1.26- —
1889 France	16	(a) F.	(a)	1.16-1.16-1.16
1889 France	17	(a) M.	(a)	1.16-1.16-1.16
1889 Germany	550	(a) M.	(a)	.48-1.79- —
1889 Germany	550	(a) F.	(a)	.63- .89- —
1889 Italy	95	(a) M.	o 60-60-60	.40-1.00- —
1889 Italy	521	(a) M.	60-60-60	.97-1.16- —
1889 Netherl'ds	516	(a) (a)	(a)	.60- .80- —
1889 Netherl'ds	521	(a) (a)	60-78 —	.54- .75- —
1889 N. Zealand	96	(a) (a)	(a)	2.43-2.43-2.43
1889 Norway	518	(a) (a)	(a)	.79- .79- .79
1889 Portugal	691	(a) (a)	(a)	.11-2.70- —
1889 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1889 Scotland	576	(a) M.	p 51-57 —	1.01-1.62- —
1890 Cal	16	19 M.	60-60-60	2.67-4.00-3.38
1890 Conn	190	28 M.	60-60-60	1.50-3.00-2.45
1890 Conn	190	25 M.	60-60-60	d .35- .35- .35
1890 Conn	190	1 F.	60-60-60	d .31- .31- .31
1890 Ill	16	80 M.	60-60-60	3.00-3.00-3.00

a Not reported.
b Applies to but 30 of the 31 wage quotations.
c And board.
d Per 1,000 ems.
e Not including hours of 1 person not reported.
f Not including hours of 115 persons not reported.
g Not including hours of 64 persons not reported.
h Not including hours of 59 persons not reported.
i Not including hours of 56 persons not reported.
j Not including hours of 3 persons not reported.
k Applies to but 27 of the 29 wage quotations.
l Applies to but 34 of the 43 wage quotations.
n Not including hours of 92 persons not reported.
o Applies to but 1 of the 5 wage quotations.
p Applies to but 35 of the 43 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Ill	19	146 M.	(a)	1.67-3.50-2.77
1890 Kans	244	78 M.	(a)	1.20-4.00-2.68
1890 Kans	244	10 F.	(a)	.85-3.50-2.18
1890 La	16	22 M.	59-60-59	3.00-3.00-3.00
1890 Md	16	45 M.	60-60-60	2.70-2.70-2.70
1890 Md	190	15 M.	59-59-59	2.70-2.70-2.70
1890 Mass	16	65 M.	59-59-59	2.50-4.17-2.66
1890 Minn	16	7 M.	60-60-60	1.75-2.00-1.79
1890 Minn	16	17 M.	52-52-52	b .40- .40- .40
1890 Minn	292	198 M.	(a)	1.00-3.75-2.85
1890 Mo	16	30 M.	54-60-59	2.50-3.00-2.88
1890 Mo	16	192 M.	(a)	b .42- .43-.42¼
1890 Nebr	313	1 M.	(a)	2.50-2.50-2.50
1890 N. Y	16	83 M.	60-60-60	3.00-3.33-3.02
1890 N. Y	190	96 (a)	c 59-59-59	2.50-4.17-2.88
1890 N. Y	333	583 M.	(a)	.42-5.00-2.39
1890 N. Y	333	3 F.	(a)	.75-1.33- .94
1890 Ohio	16	12 M.	59-59-59	3.00-3.50-3.15
1890 Ohio	371	985 (a)	42-72-58	.50-7.69-2.08
1890 Pa	16	13 M.	59-59-59	2.17-2.67-2.50
1890 Pa	190	5 M.	60-60-60	2.67-3.34-2.80
1890 Pa	190	1 M.	60-60-60	b .40- .40- .40
1890 Va	16	10 M.	58-58-58	2.67-2.67-2.67
1890 Australia	423	(a) (a)	48-48-48	2.43-2.43-2.43
1890 Australia	423	(a) (a)	48-48-48	b .26- .28- —
1890 Aust-Hun	632	(a) M.	(a)	.48- .84- —
1890 Aust-Hun	632	(a) M.	(a)	d .09½-.58- —
1890 Belgium	16	(a) M.	(a)	.63-1.06- —
1890 C. of G'd H.	484	(a) M.	(a)	1.22-4.06- —
1890 C. of G'd H.	484	(a) F.	(a)	.37- .93- —
1890 England	16	(a) M.	54-55 —	1.42-1.46- —
1890 England	575	(a) M.	54-54-54	1.46-1.46-1.46
1890 France	16	(a) M.	(a)	1.06-1.26- —
1890 France	16	(a) F.	(a)	1.16-1.16-1.16
1890 France	17	(a) M.	(a)	1.16-1.16-1.16
1890 Netherl'ds	666	(a) M.	(a)	.34-1.19- —
1890 Netherl'ds	666	(a) M.	(a)	e .05- .08- —
1890 N. Zealand	683	(a) (a)	(a)	1.70-2.92- —
1890 Norway	632	(a) (a)	(a)	.77-1.52- —
1890 Norway	686	(a) M.	(a)	.77- .77- .77
1890 Portugal	691	(a) (a)	(a)	.13- .65- —
1890 Russia	519	(a) (a)	f 66-66-66	.87-1.35- —
1890 Scotland	16	(a) M.	54-54-54	1.22-1.32- —
1890 Scotland	577	(a) M.	g 51-57 —	1.01-1.62- —
1890 Spain	632	(a) (a)	(a)	.58- .58- .58
1891 Cal	16	24 M.	60-60-60	2.50-4.00-3.24
1891 Conn	190	31 M.	60-60-60	2.00-3.00-2.52
1891 Conn	190	23 M.	60-60-60	b .35- .35- .35
1891 Conn	190	2 F.	60-60-60	b .31- .31- .31
1891 Ill	16	80 M.	60-60-60	3.00-3.00-3.00
1891 Ill	19	151 M.	(a)	2.00-3.50-2.93
1891 Ill	19	1 F.	(a)	2.50-2.50-2.50
1891 La	16	16 M.	59-60-59	3.00-3.00-3.00
1891 Md	16	45 M.	60-60-60	2.70-2.70-2.70
1891 Md	190	15 M.	59-59-59	2.70-2.70-2.70
1891 Mass	16	50 M.	59-59-59	2.50-4.17-2.73
1891 Mich	283	10 F.	(a)	.58-1.75-1.13
1891 Minn	16	7 M.	60-60-60	1.75-2.00-1.79
1891 Minn	16	17 M.	52-52-52	b .40- .40- .40
1891 Mo	16	29 M.	54-60-59	2.50-3.00-2.88
1891 Mo	16	204 M.	(a)	b .42- .43-.42½
1891 N. Y	16	91 M.	60-60-60	3.00-3.33-3.03
1891 N. Y	190	75 (a)	h 59-59-59	2.50-4.17-2.91
1891 N. Y	333	564 M.	(a)	.42-5.00-2.36
1891 N. Y	333	3 F.	(a)	0.83-1.33-1.00
1891 N. C	346	18 M.	i 48-60-59	.83-3.00-1.79
1891 Ohio	16	19 M.	59-59-59	3.00-3.50-3.10
1891 Ohio	372	1390 M.	42-60-57	.50-4.00-2.20
1891 Ohio	372	66 F.	42-60-58	.50-1.50- .95
1891 Pa	16	13 M.	59-59-59	1.17-2.67-2.28
1891 Pa	190	3 M.	60-60-60	2.67-3.34-2.89
1891 Pa	190	1 M.	60-60-60	b .40- .40- .40
1891 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1891 Australia	134	(a) M.	(a)	2.35-2.35-2.35
1891 Aust-Hun	134	(a) (a)	(a)	.48- .48- .48
1891 Belgium	16	(a) M.	(a)	.58- .97- —
1891 Belgium	457	(a) M.	36-60 —	.19-1.06- —
1891 C. of G'd H.	485	(a) (a)	(a)	1.22-3.04- —
1891 China	105	(a) (a)	(a)	.35- .35- .35
1891 England	16	(a) M.	54-55 —	1.42-1.54- —
1891 England	576	(a) M.	j 54-54-54	.97-1.54- —
1891 England	632	(a) M.	52-54 —	1.30-1.48- —
1891 France	16	(a) M.	(a)	1.06-1.26- —
1891 France	16	(a) F.	(a)	1.16-1.16-1.16
1891 France	17	(a) M.	(a)	1.16-1.16-1.16
1891 France	505	(a) M.	60-60-60	.97-1.93- —
1891 France	505	(a) M.	60-60-60	k .97-2.12- —
1891 France	505	(a) F.	60-60-60	.43-1.35- —
1891 France	505	(a) (a)	60-60-60	1.25-2.32- —
1891 France	522	(a) M.	(a)	.75-1.25- —
1891 Germany	11	(a) M.	(a)	.12- .12- .12
1891 Gr't Brit	576	(a) M.	54-54-54	1.01-1.42- —
1891 Italy	638	(a) M.	60-60-60	.70-1.25- —
1891 N. Zealand	667	(a) (a)	(a)	1.22-2.92- —
1891 Scotland	16	(a) M.	54-54-54	1.22-1.22-1.22
1891 Scotland	576	(a) M.	l 51-54 —	1.14-2.23- —
1891 Scotland	578	(a) M.	n 51-57 —	1.01-1.70- —
1891 Scotland	632	(a) M.	54-54-54	1.32-1.32-1.32
1892 Cal	16	19 M.	60-60-60	2.50-4.17-3.32
1892 Cal	196	51 M.	o 50-60-60	1.50-5.50-3.27
1892 Cal	196	12 F.	p 47-60-56	1.00-3.50-2.14
1892 Conn	20	28 M.	60-60-60	2.17-3.00-2.64
1892 Conn	190	18 M.	60-60-60	1.50-2.84-2.44
1892 Ill	16	90 M.	60-60-60	3.00-3.00-3.00
1892 Ill	19	181 M.	59-60-59	1.67-3.50-2.88
1892 Ill	210	21 F.	48-57-54	.75-2.67-1.66
1892 Iowa	235	286 (a)	48-60-55	.70-3.25-2.22
1892 La	16	20 M.	59-60-59	3.00-3.00-3.00
1892 Me	258	116 F.	60-60-60	.42-1.83-1.03
1892 Md	16	40 M.	60-60-60	2.70-2.70-2.70
1892 Md	190	12 M.	60-60-60	2.75-2.75-2.75
1892 Mass	16	54 M.	54-59-57	2.50-4.17-2.67
1892 Minn	16	24 M.	52-60-54	1.75-3.90-3.30
1892 Mo	16	29 M.	54-60-59	2.50-3.00-2.88
1892 Mo	16	200 M.	(a)	b .42- .43-.42½
1892 Mo	301	961 M.	(a)	1.00-5.83-3.19
1892 Mo	301	200 F.	(a)	1.25-1.25-1.25
1892 N. Y	16	88 M.	60-60-60	3.00-3.33-3.03
1892 N. Y	190	53 M.	60-60-60	2.50-2.50-2.50
1892 Ohio	16	20 M.	59-59-59	3.00-3.50-3.09
1892 Pa	16	13 M.	59-59-59	1.67-2.67-2.36
1892 Va	16	10 M.	58-58-58	2.67-2.67-2.67
1892 Algeria	505	(a) M.	54-54-54	1.13-1.16- —
1892 Algeria	505	(a) F.	54-54-54	.68- .68- .68
1892 Australia	424	(a) M.	(a)	.81-3.65- —
1892 Australia	424	(a) (a)	(a)	.49-1.01- —
1892 Belgium	16	(a) M.	(a)	.63- .97- —
1892 C. of G'd H.	486	(a) M.	(a)	.56-4.06- —

a Not reported.
b Per 1,000 ems.
c Not including hours of 85 persons not reported.
d And board.
e Per hour.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 31 of the 43 wage quotations.
h Not including hours of 65 persons not reported.
i Not including hours of 5 persons not reported.
j Applies to but 1 of the 3 wage quotations.
k And *gratifications*.
l Applies to but 2 of the 3 wage quotations.
n Applies to but 36 of the 50 wage quotations.
o Not including hours of 20 persons not reported.
p Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 C. of G'd H.	486	(a) F.	(a)	0.79-0.79-0.79
1892 England ..	16	(a) M.	54-55 —	1.42-1.54- —
1892 England ..	632	(a) M.	50-55 —	.89-2.03- —
1892 England ..	632	(a) M.	54-54-54	b .25½-.30½- —
1892 England ..	632	(a) F.	(a)	.48- .87- —
1892 France....	11	(a) (a)	(a)	1.11-1.11-1.11
1892 France....	16	(a) M.	(a)	1.06-1.26- —
1892 France....	16	(a) F.	(a)	1.16-1.16-1.16
1892 France....	17	(a) M.	(a)	1.16-1.16-1.16
1892 France....	505	(a) M.	57-74 —	.29-1.93- —
1892 France....	505	(a) F.	56-70 —	.19-1.16- —
1892 Germany..	184	(a) M.	(a)	1.14-1.14-1.14
1892 Gr't Brit ..	577	(a) M.	53-53-53	1.22-1.22-1.22
1892 Gr't Brit ..	632	(a) M.	51-54 —	1.01-1.46- —
1892 Ireland ...	632	(a) M.	54-66 —	.81-1.62- —
1892 Italy	112	(a) M.	66-66-66	.40-1.00- —
1892 Japan.....	132	(a) (a)	(a)	.07- .56- —
1892 Japan.....	646	(a) (a)	(a)	.14- .59- —
1892 Russia	692	(a) (a)	(a)	.20-1.51- —
1892 Scotland ..	11	(a) (a)	(a)	1.22-1.22-1.22
1892 Scotland ..	16	(a) M.	53-53-53	1.30-1.38- —
1892 Scotland ..	578	(a) M.	c51-57 —	1.01-1.70- —
1892 Scotland ..	632	(a) M.	51-57 —	.89-2.43- —
1892 Scotland ..	632	(a) (a)	54-54-54	b.26¼-.26¼-.26½
1892 Spain	115	(a) M.	(a)	.50-1.00- —
1892 Switzerl'd.	709	(a) (a)	54-54-54	.97-1.06- —
1892 Wales	632	(a) M.	54-54-54	1.01-1.01-1.01
1893 Cal.....	16	22 M.	60-60-60	2.50-4.17-3.23
1893 Conn.....	20	106 M.	60-60-60	2.17-3.00-2.66
1893 Ill	10	23 M.	48-72-58	.58-3.00-2.10
1893 Ill	16	40 M.	60-60-60	3.00-3.00-3.00
1893 Ill	19	199 M.	59-60-59	1.83-3.50-2.93
1893 Iowa.....	235	15 F	45-60-57	.50-1.75- .95
1893 La	16	19 M.	59-60-59	3.00-3.00-3.00
1893 Md.....	10	23 M.	48-72-61	.50-5.00-2.51
1893 Md.....	10	2 F.	60-60-60	.67- .67- .67
1893 Md.....	16	38 M.	60-60-60	2.70-2.70-2.70
1893 Mass	16	73 M.	54-59-56	2.50-3.67-2.67
1893 Minn	16	24 M.	52-60-54	1.75-3.90-3.30
1893 Mo.....	16	27 M.	54-60-58	2.50-3.00-2.87
1893 Mo.....	16	208 M.	(a)	b .42- .43-.42½
1893 Mont.....	307	81 M.	d42-57-52	1.67-6.67-3.96
1893 Mont.....	307	40 M.	35-57-47	b .35- .55- .48
1893 Mont.....	307	2 M.	48-48-48	e .96-1.15-1.06
1893 Mont.....	307	1 F.	54-54-54	1.00-1.00-1.00
1893 Mont.....	307	1 F.	54-54-54	b .45- .45- .45
1893 N. J	327	20 F.	f55-55-55	.50-1.33- .84
1893 N. Y.....	10	61 M.	30-78-57	.50-5.83-2.07
1893 N. Y.....	10	4 F.	g47-50-49	.83-1.00- .88
1893 N. Y.....	16	85 M.	60-60-60	3.00-3.33-3.03
1893 Ohio	16	21 M.	59-59-59	3.00-3.50-3.11
1893 Ohio	374	597 M.	g45-60-52	1.00-3.03-2.19
1893 Ohio	374	52 F.	h45-60-59	.35-2.16-1.22
1893 Pa	10	24 M.	42-75-60	.83-3.00-2.01
1893 Pa	16	13 M.	59-59-59	2.00-3.00-2.44
1893 R. I	400	42 M.	(a)	1.50-4.00-2.61
1893 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1893 Belgium ..	16	(a) M.	(a)	.68- .97- —
1893 C. of G'd H.	583	(a) M.	50-50-50	1.42-2.03- —
1893 England ..	16	(a) M.	54-55 —	1.42-1.54- —
1893 England ..	578	(a) (a)	48-54 —	1.01-2.03- —
1893 England ..	589	(a) (a)	48-60 —	.85-1.87- —
1893 France	16	(a) M.	(a)	1.06-1.26- —
1893 France	16	(a) F.	(a)	1.16-1.16-1.16
1893 France	17	(a) M.	(a)	1.16-1.16-1.16
1893 France	507	(a) M.	60-66 —	.97- .97- .97
1893 France	507	(a) F.	60-66 —	.39- .39- .39
1893 France	507	(a) (a)	60-66 —	.68- .97- —
1893 Germany .	11	(a) M.	(a)	.95- .95- .95
1893 Ireland ...	589	(a) (a)	50-60 —	.73-1.70- —
1893 Ireland ...	632	(a) F.	(a)	.49- .49- .49
1893 Italy	639	(a) M.	60-60-60	.70-1.93- —
1893 N. Zealand	668	(a) M.	i 45-48 —	2.16-2.43- —
1893 N. Zealand	682	(a) (a)	(a)	1.22-2.92- —
1893 Scotland ..	16	(a) M.	53-53-53	1.30-1.38- —
1893 Scotland ..	578	(a) (a)	53-53-53	1.30-1.30-1.30
1893 Scotland ..	589	(a) (a)	51-57 —	1.01-1.70- —
1893 Switzerl'd.	632	(a) (a)	(a)	.71-1.06- —
1893 Wales	589	(a) (a)	52-54 —	1.01-1.62- —
1894 Cal.....	16	20 M.	60-60-60	2.50-4.17-3.31
1894 Conn.....	20	96 M.	60-60-60	2.33-3.17-2.77
1894 Ill	16	40 M.	60-60-60	3.00-3.00-3.00
1894 Ind	228	3 F.	59-59-59	1.00-2.75-1.58
1894 Iowa.....	236	233 M.	36-90-58	.83-4.17-2.38
1894 Iowa.....	236	25 F.	j 48-60-57	.92-2.67-1.87
1894 Kans.....	248	78 M.	59-59-59	1.60-1.60-1.60
1894 Kans.....	248	67 F.	54-54-54	1.08-1.08-1.08
1894 La	16	22 M.	59-60-59	3.00-3.00-3.00
1894 Md.....	16	44 M.	60-60-60	2.70-2.70-2.70
1894 Mass	16	77 M.	54-59-56	2.50-3.83-2.65
1894 Minn	16	25 M.	52-60-55	2.00-3.90-3.32
1894 Mo.....	16	100 M.	k 54-60-59	2.50-4.00-3.69
1894 Mo.....	16	110 M.	(a)	b.42- .43-.42½
1894 Mont.....	308	57 M.	(a)	3.53-3.53-3.53
1894 N. H	316	23 M.	j 55-60-59	1.50-2.67-1.99
1894 N. Y.....	16	93 M.	60-60-60	3.00-3.33-3.03
1894 N. C.....	348	14 (a)	(l)	.50-2.35-1.37
1894 Ohio	16	28 M.	59-59-59	3.00-3.50-3.08
1894 Ohio	374	11 M.	(a)	.83-3.00-1.95
1894 Ohio	375	540 M.	n 48-60-59	.90-3.00-2.14
1894 Ohio	375	41 F.	48-60-58	.75-2.00-1.42
1894 Pa	16	12 M.	59-59-59	1.67-3.00-2.38
1894 Va	16	11 M.	58-58-58	2.67-2.67-2.67
1894 Australia .	425	(a) (a)	(a)	2.11-2.84- —
1894 Australia .	425	(a) (a)	(a)	b.24½-.26½- —
1894 Aust-Hun .	434	(a) M.	57-63 —	.68-1.08- —
1894 Belgium ..	16	(a) M.	(a)	.73- .97- —
1894 Canada ...	187	(a) M.	60-60-60	1.67-2.00- —
1894 C. of G'd H.	487	(a) (a)	48-72 —	.23-4.87- —
1894 England ..	16	(a) M.	53-54 —	1.42-1.54- —
1894 England ..	580	(a) M.	o 48-60 —	.93-1.87- —
1894 England ..	590	(a) (a)	p54-56 —	.97-1.70- —
1894 England ..	590	(a) (a)	(a)	q .22½-.30½- —
1894 France....	16	(a) M.	(a)	1.06-1.26- —
1894 France....	16	(a) F.	(a)	1.16-1.16-1.16
1894 France....	17	(a) M.	(a)	1.16-1.16-1.16
1894 France....	129	(a) M.	(a)	1.06-2.03- —
1894 France....	129	(a) F.	(a)	.44-1.16- —
1894 France....	508	(a) M.	60-60-60	.29-1.59- —
1894 France....	508	(a) F.	60-60-60	.29- .39- —
1894 Ireland ...	580	(a) M.	54-54-54	1.32-1.70- —
1894 Ireland ...	590	(a) (a)	(a)	1.12-1.40- —
1894 Japan.....	647	(a) (a)	(a)	.09- .26- —
1894 Scotland ..	16	(a) M.	53-53-53	1.30-1.38- —
1894 Scotland ..	580	(a) M.	51-53 —	1.18-1.70- —
1894 Scotland ..	590	(a) (a)	(a)	1.09-1.16- —

a Not reported.
b Per 1,000 ems.
c Applies to but 38 of the 49 wage quotations.
d Not including hours of 51 persons not reported.
e And board and lodging.
f Not including hours of 8 persons not reported.
g Not including hours of 2 persons not reported.
h Not including hours of 4 persons not reported.
i Applies to but 2 of the 3 wage quotations.
j Not including hours of 1 person not reported.
k Not including hours of 72 persons not reported.
l 54-108-65 hours; not including hours of 1 person not reported.
n Not including hours of 24 persons not reported.
o Applies to but 53 of the 55 wage quotations.
p Applies to but 2 of the 44 wage quotations.
q Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Spain	632	(a) (a)	(a)	0.19-0.68- —
1894 Wales	580	(a) M.	54-54-54	1.22-1.62- —
1894 Wales	584	(a) (a)	(a)	1.01-1.12- —
1895 Cal.	16	18 M.	59-60-59	2.50-4.17-3.26
1895 Conn.	7	32 M.	59-59-59	1.47-3.20-2.37
1895 Conn.	7	3 F.	59-59-59	2.38-2.42-2.40
1895 Conn.	20	97 M.	60-60-60	2.33-3.17-2.73
1895 Ga	7	7 M.	60-60-60	1.33-2.00-1.71
1895 Ill	16	40 M.	60-60-60	3.00-3.00-3.00
1895 Kans.	249	39 (a)	b 45-90-56	.67-3.75-2.19
1895 Ky.	7	10 M.	60-60-60	1.00-3.00-2.60
1895 La	7	14 M.	59-59-59	1.91-3.00-2.39
1895 La	16	21 M.	59-60-59	3.00-3.00-3.00
1895 Me.	7	7 M.	60-60-60	1.50-2.50-1.68
1895 Me.	7	4 F.	60-60-60	1.25-1.25-1.25
1895 Md.	16	45 M.	60-60-60	2.70-2.70-2.70
1895 Mass.	7	86 M.	48-60-58	1.30-3.36-2.34
1895 Mass.	7	74 F.	48-60-57	.84-2.65-1.67
1895 Mass.	16	97 M.	54-59-56	2.50-3.67-2.61
1895 Minn.	16	24 M.	52-60-54	2.25-3.90-3.42
1895 Mo.	7	18 M.	59-60-59	1.50-2.88-2.48
1895 Mo.	7	17 F.	60-60-60	.92-1.67-1.25
1895 Mo.	16	98 M.	c 54-60-59	2.50-4.00-3.70
1895 Mo.	16	15 M.	(a)	d .42- .42- .42
1895 Mont.	309	84 M.	53-53-53	3.10-4.39-4.05
1895 N. J	7	13 M.	54-59-56	.83-3.33-2.11
1895 N. J	7	5 F.	54-54-54	2.07-2.50-2.24
1895 N. Y.	7	93 M.	58-60-59	1.00-3.67-2.54
1895 N. Y.	7	26 F.	47-59-50	1.00-3.17-1.68
1895 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50
1895 N. Y.	16	92 M.	60-60-60	3.00-3.33-3.02
1895 N. C.	7	18 M.	54-54-54	2.33-3.00-2.57
1895 N. C.	349	9 M.	54-60-59	1.50-2.50-1.89
1895 Ohio	16	25 M.	59-59-59	3.00-3.50-3.09
1895 Ohio	376	801 M.	e 45-60-58	1.00-3.00-2.18
1895 Ohio	376	48 F.	54-60-58	.60-2.66-1.37
1895 Pa	16	10 M.	59-59-59	2.00-3.00-2.47
1895 R. I	7	18 M.	56-60-56	1.67-3.00-2.23
1895 R. I	7	3 F.	56-56-56	1.67-1.83-1.72
1895 S. C.	7	38 M.	54-59-55	1.50-3.67-2.69
1895 S. C.	7	1 F.	59-59-59	1.50-1.50-1.50
1895 Tenn.	7	5 M.	59-59-59	2.00-3.50-2.60
1895 Va	7	2 M.	59-59-59	1.00-1.00-1.00
1895 Va	16	12 M.	58-58-58	2.67-2.67-2.67
1895 Wis	413	18 (a)	48-60-55	2.00-3.83-2.73
1895 Aust-Hun.	435	(a) M.	57-60 —	.41- .95- —
1895 Aust-Hun.	586	(a) (a)	54-54-54	.88- .88- .88
1895 Belgium	16	(a) M.	(a)	.77-1.01- —
1895 Belgium	184	(a) (a)	(a)	f .07½-.07½-.07½
1895 Canada	187	(a) M.	g 60-84 —	1.17-2.50- —
1895 C. of G'd H.	488	(a) M.	(a)	1.46-2.92- —
1895 China	136	(a) (a)	(a)	h .20- .61- —
1895 England	16	(a) M.	54-56 —	1.42-1.54- —
1895 England	591	(a) M.	(a)	.97-1.22- —
1895 France	16	(a) M.	(a)	1.06-1.26- —
1895 France	16	(a) F.	(a)	1.16-1.16-1.16
1895 France	17	(a) M.	(a)	1.16-1.16-1.16
1895 France	509	(a) (a)	48-48-48	1.16-1.16-1.16
1895 France	513	(a) M.	i 54-60 —	.77-1.45- —
1895 Greece	137	(a) (a)	(a)	.44- .55- —
1895 Ireland	591	(a) M.	(a)	.73- .91- —
1895 Japan	132	(a) (a)	60-60-60	.19- .29- —
1895 Japan	648	(a) M.	(a)	.11- .50- —
1895 Natal	586	(a) (a)	48-48-48	2.33-2.33-2.33
1895 N. Zealand	184	(a) M.	(a)	1.62-2.83- —
1895 Nicaragua	140	(a) (a)	(a)	.60-2.00- —
1895 Norway	687	(a) M.	(a)	0.77-0.77-0.77
1895 Norway	690	(a) M.	(a)	.54- .67- —
1895 Scotland	16	(a) M.	53-53-53	1.30-1.38- —
1895 Spain	133	(a) M.	(a)	.50-1.00- —
1895 Switzerl'd.	184	(a) (a)	(a)	1.00-1.40- —
1895 Wales	591	(a) M.	(a)	1.05-1.16- —
1896 Cal.	16	16 M.	59-60-59	2.50-5.00-3.35
1896 Colo.	200	180 (a)	48-54-52	3.25-4.25-3.59
1896 Fla.	7	30 M.	60-60-60	2.00-3.33-2.44
1896 Fla.	7	1 F.	60-60-60	2.00-2.00-2.00
1896 Fla.	15	1 M.	(a)	1.33-1.33-1.33
1896 Ga	7	29 M.	54-60-55	2.00-2.83-2.32
1896 Ga	15	1 M.	(a)	2.00-2.00-2.00
1896 Ill.	7	38 M.	57-57-57	1.88-3.80-2.86
1896 Ill.	7	1 F.	51-51-51	1.17-1.17-1.17
1896 Ill.	12	2 M.	60-72-66	.79-1.33-1.06
1896 Ill.	16	50 M.	60-60-60	3.00-3.00-3.00
1896 Iowa	7	25 M.	59-60-60	1.17-3.00-2.34
1896 Kans.	250	42 M.	42-66-57	.46-8.33-1.63
1896 Ky.	7	1 M.	59-59-59	2.33-2.33-2.33
1896 La	16	19 M.	48-59-55	2.40-3.00-2.25
1896 Md.	8	1 M.	58-58-58	2.50-2.50-2.50
1896 Md.	16	40 M.	60-60-60	2.70-2.70-2.70
1896 Mass.	16	93 M.	54-59-56	2.50-4.00-2.63
1896 Mich.	7	18 M.	59-59-59	1.17-3.33-2.13
1896 Minn.	16	24 M.	52-60-54	2.50-3.90-3.49
1896 Mo.	16	100 M.	j 54-60-59	2.50-4.00-3.70
1896 Mo.	16	15 M.	(a)	d 42- .42- .42
1896 Mo.	305	581 M.	48-60-59	1.10-3.60-2.50
1896 Mo.	305	161 F.	54-60-59	.66-2.70-1.40
1896 Nebr.	314	13 (a)	60-60-60	1.33-3.00-1.99
1896 N. Y.	7	88 M.	54-60-59	1.00-3.60-2.16
1896 N. Y.	7	4 F.	60-60-60	1.35-1.78-1.55
1896 N. Y.	8	48 M.	54-60-55	1.66-4.00-3.74
1896 N. Y.	16	81 M.	60-60-60	3.00-3.33-3.04
1896 N. Y.	336	31 M.	(a)	.67-3.33-1.82
1896 N. C.	350	8 M.	b 54-60-58	1.00-3.00-2.00
1896 Ohio	7	15 M.	59-59-59	1.33-3.25-2.26
1896 Ohio	16	24 M.	59-59-59	3.00-3.50-3.07
1896 Ohio	377	1261 M.	k 45-60-56	.67-2.53-2.19
1896 Ohio	377	121 F.	48-60-57	.50-1.67-1.40
1896 Pa	7	58 M.	59-60-60	1.17-3.33-2.47
1896 Pa	7	2 F.	60-60-60	2.00-2.67-2.34
1896 Pa	16	9 M.	59-59-59	2.00-3.00-2.44
1896 Va	16	12 M.	58-58-58	2.67-2.67-2.67
1896 W. Va	7	13 M.	59-60-60	1.17-3.00-2.16
1896 W. Va	7	8 F.	59-60-59	.50-2.50-1.08
1896 Algeria	505	(a) M.	(a)	.97-1.25- —
1896 Algeria	505	(a) M.	(a)	f .09½-.12½- —
1896 Australia	184	(a) (a)	(a)	d .24- .24- .24
1896 Australia	427	(a) (a)	(a)	2.11-2.84- —
1896 Aust-Hun.	184	(a) (a)	(a)	.81-1.02- —
1896 Aust-Hun.	436	(a) (a)	54-63 —	.34-1.35- —
1896 Belgium	16	(a) M.	(a)	.77-1.06- —
1896 Belgium	142	(a) (a)	66-66-66	.90- .90- .90
1896 Belgium	184	(a) (a)	(a)	.99- .99- .99
1896 Canada	482	(a) (a)	54-54-54	3.50-3.50-3.50
1896 Canada	482	(a) (a)	(a)	d .40-.42½- —
1896 C. of G'd H.	184	(a) (a)	(a)	1.20-2.80- —
1896 C. of G'd H.	489	(a) M.	(a)	1.46-3.89- —
1896 Corsica	505	(a) M.	(a)	.58- .58- .58
1896 Corsica	505	(a) M.	(a)	f .07- .07- .07
1896 England	16	(a) M.	50-54 —	1.42-1.54- —
1896 England	581	(a) M.	48-60 —	1.01-1.87- —
1896 England	592	(a) (a)	(a)	1.09-1.26- —
1896 France	16	(a) M.	(a)	1.06-1.26- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 71 persons not reported.
d Per 1,000 ems.
e Not including hours of 37 persons not reported.
f Per hour.
g Applies to but 2 of the 5 wage quotations.
h And food.
i Applies to but 3 of the 4 wage quotations.
j Not including hours of 72 persons not reported.
k Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 France	16	(a) F.	(a)	1.16-1.16-1.16
1896 France	17	(a) M.	(a)	1.16-1.16-1.16
1896 France	505	(a) M.	(a)	.58-1.35- —
1896 France	505	(a) M.	(a)	b .05- .15½- —
1896 France	510	(a) F.	60-60-60	.29- .29- .29
1896 France	510	(a) (a)	54-69 —	.34-1.83- —
1896 Germany	560	(a) M.	54-54-54	1.04-1.04-1.04
1896 Ireland	581	(a) M.	54-54-54	1.32-1.70- —
1896 Japan	649	(a) M.	(a)	.15- .61- —
1896 Madagas	184	(a) M.	(a)	.30- .97- —
1896 Mexico	184	(a) (a)	(a)	.61-1.04- —
1896 Scotland	16	(a) M.	53-53-53	1.30-1.38- —
1896 Scotland	581	(a) M.	51-53 —	1.22-1.70- —
1896 Scotland	592	(a) (a)	(a)	1.09-1.60- —
1896 Wales	581	(a) M.	54-54-54	1.22-1.62- —
1896 Wales	592	(a) (a)	(a)	.97-1.16- —
1897 Cal	16	19 M.	59-60-59	2.50-4.58-3.25
1897 Ill	16	40 M.	60-60-60	3.00-3.00-3.00
1897 Kans	251	63 M.	(c)	.50-3.00-1.57
1897 Kans	251	13 F.	48-60-56	.33-2.00-1.04
1897 La	16	20 M.	48-59-54	2.40-3.00-2.73
1897 Md	16	38 M.	60-60-60	2.70-2.70-2.70
1897 Mass	16	92 M.	54-59-55	2.50-4.00-2.64
1897 Minn	16	24 M.	52-60-54	2.50-3.90-3.49
1897 Mo	16	102 M.	d54-60-59	2.50-4.00-3.73
1897 Mo	16	15 M.	(a)	e.42- .42- .42
1897 N. Y	8	1 M.	54-54-54	2.50-2.50-2.50
1897 N. Y	16	83 M.	57-57-57	3.00-3.33-3.04
1897 N. Y	337	5631 M.	f48-60-54	1.33-11.31-3.54
1897 N. Y	337	52 F.	g60-60-60	1.83-5.00-3.25
1897 Ohio	16	21 M.	59-59-59	3.00-3.50-3.08
1897 Pa	16	10 M.	59-59-59	1.00-3.00-2.33
1897 Va	16	15 M.	58-58-58	2.67-2.67-2.67
1897 Va	404	147 M.	48-60-59	1.00-2.67-2.16
1897 Va	404	9 F.	54-60-57	.70-1.25-1.01
1897 Australia	418	(a) (a)	(a)	.81-1.95- —
1897 Australia	428	(a) (a)	(a)	1.01-2.84- —
1897 Australia	428	(a) (a)	(a)	e.36¼- .52½- —
1897 Aust-Hun	437	(a) (a)	54-60 —	.54-1.35- —
1897 C. of G'd H	490	(a) (a)	(a)	1.46-3.04- —
1897 England	593	(a) (a)	h53-54 —	1.09-1.38- —
1897 France	511	(a) M.	54-66 —	.87-1.93- —
1897 Ireland	593	(a) (a)	54-57 —	.91- .97- —
1897 Japan	650	(a) M.	(a)	.15- .25- —
1897 Scotland	593	(a) (a)	(a)	1.01-1.07- —
1898 Cal	16	17 M.	59-60-59	2.50-4.58-3.28
1898 Ill	16	40 M.	60-60-60	3.00-3.00-3.00
1898 Kans	252	3 M.	54-63-59	1.80-3.15-2.48
1898 La	16	18 M.	48-59-54	2.40-3.00-2.73
1898 Md	16	41 M.	60-60-60	2.70-2.70-2.70
1898 Mass	16	97 M.	54-54-54	2.50-4.00-2.63
1898 Mich	290	75 M.	(a)	1.25-2.38-2.00
1898 Minn	16	24 M.	52-60-54	2.50-3.90-3.49
1898 Mo	16	123 M.	i54-60-59	2.50-4.00-3.77
1898 Mo	16	15 M.	(a)	e.42- .42- .42
1898 Nebr	314	86 (a)	48-72-59	.50-3.45-1.55
1898 N. Y	16	75 M.	57-57-57	3.00-3.33-3.05
1898 N. Y	338	5431 M.	j54-60-59	1.25-4.50-2.44
1898 Ohio	16	21 M.	59-59-59	3.00-3.50-3.13
1898 Pa	16	9 M.	59-59-59	2.00-3.00-2.46
1898 Va	16	14 M.	58-58-58	2.67-2.67-2.67
1898 Australia	419	(a) (a)	(a)	.81-2.03- —
1898 Australia	429	(a) (a)	(a)	1.01-2.84- —
1898 Australia	429	(a) (a)	(a)	e.36½- .52½—
1898 Aust-Hun	438	(a) M.	54-54-54	.51-1.22- —
1898 Aust-Hun	438	(a) (a)	51-54 —	.47- .88- —
1898 Belgium	454	(a) (a)	(a)	b.07½-.07½-.07½
1898 C. of G'd H	149	(a) (a)	(a)	2.50-2.50-2.50
1898 C. of G'd H	491	(a) (a)	(a)	.97-3.04- —
1898 Denmark	493	(a) M.	k48-57 —	1.05-1.35- —
1898 England	582	(a) (a)	48-60 —	.97-1.87- —
1898 England	594	(a) (a)	l53-54 —	1.05-1.40- —
1898 France	512	(a) M.	54-60 —	.39-1.83- —
1898 Germany	151	(a) (a)	(a)	.79-1.19- —
1898 Ireland	582	(a) (a)	50-54 —	1.32-1.70- —
1898 Ireland	594	(a) (a)	(a)	1.03-1.12- —
1898 Scotland	582	(a) (a)	51-53 —	1.22-1.70- —
1898 Wales	582	(a) (a)	54-54-54	1.16-1.62- —
1899 Ala	18	12 M.	54-54-54	2.67-3.75-3.01
1899 Cal	18	14 M.	59-59-59	2.67-4.33-3.02
1899 Ga	18	16 M.	60-60-60	1.50-3.00-2.11
1899 Ill	18	130 M.	54-54-54	3.00-3.00-3.00
1899 Mass	18	30 M.	54-54-54	2.50-3.17-2.66
1899 Mass	18	50 F.	53-53-53	.86-2.65-1.75
1899 Mont	18	8 M.	53-53-53	4.00-4.00-4.00
1899 N. Y	18	85 M.	54-54-54	3.00-3.00-3.00
1899 N. C	18	25 M.	54-59-56	1.50-2.50-2.09
1899 N. C	353	25 M.	n48-72-53	.70-3.00-1.45
1899 Ohio	18	17 M.	53-53-53	2.21-2.50-2.23
1899 Pa	18	10 M.	60-60-60	.79-2.67-1.58
1899 England	588	(a) (a)	o52-56 —	1.05-1.30- —
1900 Ala	18	12 M.	54-54-54	2.67-3.75-3.01
1900 Cal	18	15 M.	59-59-59	2.50-4.50-3.03
1900 Ga	18	16 M.	60-60-60	1.50-3.00-2.11
1900 Ill	18	130 M.	54-54-54	3.00-3.00-3.00
1900 Mass	18	23 M.	54-54-54	2.50-3.17-2.63
1900 Mass	18	44 F.	53-53-53	1.15-2.60-1.60
1900 Mont	18	8 M.	53-53-53	4.00-4.00-4.00
1900 N. Y	18	90 M.	54-54-54	3.00-3.00-3.00
1900 N. C	18	25 M.	54-59-56	1.50-2.50-2.09
1900 Ohio	18	15 M.	50-50-50	2.50-2.83-2.54
1900 Pa	18	23 M.	60-60-60	1.23-2.69-1.82

COMPOSITORS, MACHINE.

1894	Mo	16	20	M.	(a)	4.00-4.00-4.00	1895	S. C	7	4	M.	54-54-54	3.00-3.00-3.00
1895	Md	8	5	M.	60-60-60	2.50-2.50-2.50	1895	Australia	426	(a)	(a)	(a)	e.12- .12- .12
1895	Mass	7	6	M.	48-48-48	2.50-4.50-3.67	1896	Iowa	7	2	M.	60-60-60	2.85-2.85-2.85
1895	Mass	7	6	F.	48-53-50	1.94-3.42-2.68	1896	Md	8	5	M.	60-60-60	2.50-2.50-2.50
1895	Mo	16	20	M.	(a)	4.00-4.00-4.00	1896	Mich	7	4	M.	59-59-59	1.50-2.50-2.00
1895	N. Y	8	62	M.	p48-48-48	3.50-4.50-4.27	1896	Mich	7	2	F.	59-59-59	1.50-1.50-1.50

a Not reported.
b Per hour.
c 36-102-55 hours; not including hours of 3 persons not reported.
d Not including hours of 76 persons not reported.
e Per 1,000 ems.
f Not including hours of 1,195 persons not reported.
g Not including hours of 40 persons not reported.
h Applies to but 2 of the 9 wage quotations.
i Not including hours of 97 persons not reported.
j Not including hours of 5,203 persons not reported.
k Applies to but 2 of the 3 wage quotations.
l Applies to but 1 of the 7 wage quotations.
n Not including hours of 3 persons not reported.
o Applies to but 4 of the 5 wage quotations.
p Not including hours of 48 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COMPOSITORS, MACHINE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Mo	16	20 M.	(a)	4.00-4.00-4.00	1898 Mich	290	3 M.	(a)	2.97-2.97-2.97
1896 N. Y	7	13 M.	59-59-59	2.50-3.33-3.22	1898 Mo	16	20 M.	(a)	4.00-4.00-4.00
1896 N. Y	8	84 M.	48-48-48	4.50-5.50-5.05	1898 N. Y	16	7 M.	57-57-57	3.50-3.50-3.50
1896 Australia	427	(a) (a)	(a)	b .12- .12- .12	1898 Australia	429	(a) (a)	(a)	b .12- .20- —
1896 Canada	482	(a) (a)	48-48-48	3.50-4.25- —	1899 Ala	18	5 M.	42-42-42	3.01-3.01-3.01
1896 England	592	(a) (a)	(a)	1.22-2.92- —	1899 Ga	18	10 M.	48-48-48	4.00-4.00-4.00
1896 Ireland	592	(a) (a)	(a)	1.32-1.72- —	1899 Mont	18	10 M.	48-48-48	4.50-5.00-4.80
1896 Scotland	592	(a) (a)	(a)	1.22-2.03- —	1899 N. C	18	9 M.	48-54-51	2.67-3.25-2.84
1897 Kans	251	2 M.	56-58-57	2.14-2.57-2.36	1899 England	588	(a) (a)	c 44-48 —	1.30-1.60- —
1897 Mich	289	70 M.	(a)	3.70-3.70-3.70	1900 Ala	18	5 M.	42-42-42	3.01-3.01-3.01
1897 Mo	16	20 M.	(a)	4.00-4.00-4.00	1900 Ga	18	10 M.	48-48-48	4.00-4.00-4.00
1897 N. Y	16	7 M.	57-57-57	3.50-3.50-3.50	1900 Mont	18	10 M.	48-48-48	4.50-5.00-4.80
1897 Australia	428	(a) (a)	(a)	b .12- .20- —	1900 N. C	18	9 M.	48-54-51	2.67-3.25-2.84

COMPOUNDERS, BOTTLING WORKS.

1892 Australia	424	(a)	(a)	(a)	.91-3.24- —	1893 Ohio	374	2	M.	54-60-57	1.60-2.00-1.80

COMPOUNDERS, LIQUORS.

1893 Ohio	374	2	M.	d 60-60-60	2.25-2.50-2.38	1895 Ohio	376	2	M.	54-60-57	2.33-4.00-3.17
1894 Ohio	375	2	M.	60-60-60	2.33-4.00-3.17	1896 Onio	377	2	M.	57-57-57	1.29-1.29-1.29

COMPOUNDERS, PETROLEUM PRODUCTS.

1888 N. Y	331	2	M.	d 48-48-48	1.92-3.27-2.60	1891 N. Y	333	1	M.	(a)	2.00-2.00-2.00
1890 N. Y	333	1	M.	(a)	2.00-2.00-2.00						

COMPRESSERS, BOOKBINDERY.

1860 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1895 N. Y	8	2	M.	60-60-60	2.50-2.50-2.50
1890 Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1896 N. Y	8	2	M.	60-60-60	.85-2.16-1.51

COMPRESSERS' HELPERS, BOOKBINDERY.

1895 N. Y	8	4	M.	60-60-60	1.00-1.00-1.00	1896 N. Y	8	2	M.	60-60-60	1.00-1.00-1.00

CONDENSER TENDERS, TEXTILES.

1866 England	566	(a)	M.	60-60-60	.26- .69- —	1874 England	569	(a)	M.	56-60 —	.41- .89- —
1866 England	566	(a)	F.	60-60-60	.24- .41- —	1874 England	569	(a)	F.	57-60 —	.41- .51- —
(e) England	567	(a)	M.	60-60-60	.26- .69- —	1877 England	570	(a)	M.	56-57 —	.41- .93- —
(e) England	567	(a)	F.	60-60-60	.32- .49- —	1877 England	570	(a)	F.	56-56-56	.41- .49- —
(e) Ireland	567	(a)	F.	63-63-63	.20- .20- .20	1877 Scotland	570	(a)	M.	(a)	.41- .73- —
1870 Pa	7	1	M.	64-64-64	.83- .83- .83	1883 England	43	(a)	(a)	(a)	.41- .41- .41
1871 England	568	(a)	F.	59-59-59	.49- .49- .49	1883 England	572	(a)	M.	54-54-54	.32- .32- .32
1871 England	629	(a)	F.	60-60-60	.28- .41- —	1883 England	572	(a)	F.	56-56-56	.43- .43- .43
1872 England	185	(a)	F.	59-59-59	.48- .48- .48	1884 Scotland	178	(a)	M.	57-57-57	.65- .77- —
1874 Pa	7	1	M.	60-60-60	.55- .55- .55	1896 Pa	7	2	M.	60-60-60	.65- .70- .68

a Not reported.
b Per 1,000 ems.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 1 person not reported.
e Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, FREIGHT, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 Mass	190	13 M.	70-70-70	1.54-1.92-1.80
1841 Mass	190	9 M.	70-70-70	1.54-1.92-1.75
1842 Mass	190	15 M.	70-70-70	1.54-1.92-1.66
1843 Mass	190	19 M.	70-70-70	1.54-1.92-1.72
1844 Mass	190	22 M.	70-70-70	1.54-1.92-1.64
1845 Mass	190	10 M.	70-70-70	1.54-1.92-1.76
1846 Mass	190	20 M.	70-70-70	1.54-1.92-1.73
1847 Mass	190	18 M.	70-70-70	1.54-1.92-1.70
1848 Mass	190	25 M.	70-70-70	1.54-1.92-1.70
1849 Mass	190	34 M.	70-70-70	1.54-2.30-1.96
1850 Mass	190	19 M.	70-70-70	1.54-1.92-1.68
1851 Mass	190	16 M.	70-70-70	1.54-1.92-1.63
1852 Mass	190	21 M.	70-70-70	1.54-1.92-1.73
1853 Mass	190	18 M.	70-70-70	1.54-1.92-1.58
1854 Mass	190	14 M.	70-70-70	1.54-1.92-1.59
1855 Mass	190	22 M.	70-70-70	1.54-1.92-1.57
1856 Mass	190	20 M.	70-70-70	1.54-1.92-1.61
1857 Mass	190	24 M.	70-70-70	1.54-1.92-1.60
1858 Mass	190	18 M.	70-70-70	1.54-1.92-1.58
1859 Mass	190	18 M.	70-70-70	1.54-1.92-1.58
1860 Mass	190	19 M.	70-70-70	1.54-1.92-1.64
1861 Mass	190	22 M.	70-70-70	1.73-1.92-1.74
1862 Mass	190	16 M.	70-70-70	1.73-1.92-1.77
1863 Mass	190	17 M.	70-70-70	1.73-1.92-1.83
1864 Mass	190	22 M.	70-70-70	1.73-1.92-1.78
1865 Mass	190	17 M.	70-70-70	2.49-3.07-2.66
1866 Mass	190	23 M.	70-70-70	2.49-3.07-2.57
1867 Mass	190	18 M.	70-70-70	2.49-3.07-2.68
1868 Mass	190	19 M.	70-70-70	2.49-3.07-2.58
1869 Mass	190	28 M.	70-70-70	2.49-3.07-2.57
1870 Mass	190	30 M.	70-70-70	2.30-3.45-2.61
1870 England	177	(a) M.	(a)	.69- .86- —
1871 Mass	190	30 M.	70-70-70	2.30-2.49-2.36
1872 Mass	190	37 M.	70-70-70	2.30-3.07-2.39
1873 Mass	190	38 M.	70-70-70	2.30-3.07-2.44
1873 Scotland	178	(a) M.	72-72-72	.75- .99- —
1874 Mass	190	38 M.	70-70-70	2.30-3.07-2.58
1874 Pa	382	287 M.	(a)	2.30-2.30-2.30
1875 Mass	190	24 M.	70-70-70	2.49-3.07-2.63
1875 Pa	380	680 M.	(a)	1.78-2.75-2.32
1875 Pa	382	278 M.	(a)	2.07-2.07-2.07
1876 Mass	190	28 M.	70-70-70	2.30-3.07-2.46
1876 Pa	381	914 M.	b56-84-67	1.32-2.88-2.39
1877 Mass	190	33 M.	70-70-70	2.30-2.50-2.37
1877 Pa	382	252 M.	c56-84-71	1.30-3.00-2.47
1878 Mass	190	40 M.	70-70-70	2.30-2.50-2.32
1878 Pa	383	124 M.	d56-84-70	1.32-2.70-2.32
1878 England	43	(a) (a)	(a)	.73-1.22- —
1878 England	177	(a) M.	c72-72-72	.75-1.04- —
1878 Scotland	177	(a) M.	(a)	.83-1.04- —
1879 Mass	190	38 M.	70-70-70	2.25-2.50-2.26
1879 Pa	384	385 (a)	(a)	.82-2.70-2.11
1879 Canada	177	(a) (a)	(a)	1.15-1.48- —
1880 Ill	205	85 M.	(a)	2.34-2.79-2.70
1880 Mass	190	26 M.	70-70-70	2.49-2.88-2.58
1880 Pa	385	1 M.	(a)	2.51-2.51-2.51
1881 Mass	190	29 M.	70-70-70	2.50-2.88-2.60
1882 Ill	206	471 M.	(a)	1.32-2.71-2.24
1882 Mass	190	44 M.	70-70-70	2.50-2.88-2.57
1883 Mass	190	48 M.	70-70-70	2.50-2.88-2.60
1884 Iowa	231	487 M.	f49-84-67	2.00-5.50-2.80
1884 Mass	190	41 M.	70-70-70	2.50-2.88-2.61
1884 Pa	388	1908 M.	(a)	2.07-2.07-2.07
1884 Wis	407	107 M.	(a)	2.21-2.21-2.21
1884 Canada	178	(a) (a)	(a)	1.37-2.63- —
1884 C. of G'd H.	178	(a) (a)	(a)	1.40-2.00- —
1884 England	178	(a) M.	g84-84-84	.70-2.40- —
1884 Russia	178	(a) M.	(a)	h.47- .47- .47
1884 Russia	178	(a) M.	(a)	i.66- .66- .66
1884 Scotland	178	(a) M.	60-72 —	.83-1.04- —
1884 Spain	178	(a) M.	(a)	.53-1.15- —
1884 Venezuela	178	(a) (a)	(a)	2.02-2.02-2.02
1884 Wales	178	(a) M.	(a)	1.21-1.21-1.21
1885 Iowa	231	611 M.	j49-84-70	2.00-3.00-2.62
1885 Iowa	231	27 M.	(a)	k2.70-2.70-2.70
1885 Kans	239	185 M.	l63-84-73	2.34-3.22-2.69
1885 Mass	190	32 M.	70-70-70	2.50-2.88-2.64
1885 Mo	296	54 M.	(a)	1.97-2.47-2.37
1885 Ohio	367	1 M.	70-70-70	4.07-4.07-4.07
1885 Pa	389	2101 M.	(a)	2.10-2.10-1.10
1886 Iowa	232	552 M.	n23-84-64	.87-3.00-2.64
1886 Kans	240	336 M.	o63-84-71	2.09-3.42-2.74
1886 Mass	190	49 M.	70-70-70	2.50-2.88-2.58
1887 Conn	4	7 M.	(a)	1.81-2.30-2.18
1887 Fla	4	36 M.	(a)	2.47-3.00-2.52
1887 Ill	298	140 (a)	(a)	2.34-2.34-2.34
1887 Kans	241	516 M.	p62-84-70	2.09-3.84-2.85
1887 Md	4	550 M.	(a)	1.32-3.43-2.46
1887 Mass	4	241 M.	(a)	1.48-2.88-2.49
1887 Mass	190	50 M.	70-70-70	2.50-2.88-2.58
1887 Mich	4	34 M.	(a)	2.30-2.30-2.30
1887 Mo	4	301 M.	(a)	1.97-3.75-2.81
1887 Mo	298	208 (a)	(a)	1.97-3.01-2.89
1887 Nebr	312	162 M.	q70-70-70	1.50-3.75-2.49
1887 N. J	4	44 M.	(a)	2.14-2.96-2.55
1887 N. Y	4	375 M.	(a)	1.85-2.87-2.73
1887 N. C	342	70 M.	r70-84-71	1.97-2.35-2.22
1887 Oregon	4	60 M.	(a)	2.96-3.29-2.97
1887 Pa	4	261 M.	s70-70-70	1.00-3.50-2.62
1887 R. I	4	5 M.	(a)	1.97-2.52-2.29
1887 Va	4	25 M.	(a)	2.30-3.06-2.66
1887 W. Va	4	8 M.	(a)	2.00-2.00-2.00
1887 Wis	4	150 M.	(a)	1.48-3.29-2.71
1888 Colo	198	167 M.	(a)	2.70-3.68-3.93
1888 Ind	225	976 M.	(a)	1.91-3.39-2.60
1888 Iowa	233	625 M.	t70-89-73	1.60-3.00-2.83
1888 Kans	242	445 M.	u56-77-63	2.00-3.80-2.75
1888 Mass	190	12 M.	70-70-70	2.88-2.88-2.88
1888 Mo	298	319 (a)	(a)	2.47-3.29-2.98
1889 Ind	226	1156 M.	(a)	2.12-3.50-2.79
1889 Iowa	233	521 M.	v49-84-56	1.75-3.48-2.67
1889 Kans	243	310 M.	w42-84-70	1.92-3.84-2.72
1889 Mass	190	84 M.	70-70-70	2.50-2.88-2.54
1890 Ind	226	1328 M.	(a)	2.50-3.53-2.99
1890 Mass	190	48 M.	70-70-70	2.50-2.88-2.60
1890 Netherl'ds	666	(a) M.	x60-60-60	.58- .88- —
1891 Ind	227	1476 M.	(a)	1.91-3.77-3.05
1891 Mass	190	52 M.	70-70-70	2.50-2.88-2.57
1891 Gr't Brit	576	(a) M.	(a)	.87- .87- .87
1892 Ind	227	1769 M.	(a)	2.15-3.52-3.02

a Not reported.
b Not including hours of 750 persons not reported.
c Not including hours of 153 persons not reported.
d Not including hours of 49 persons not reported.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 148 persons not reported.
g Applies to but 2 of the 13 wage quotations.
h And lodging and uniform.
i And lodging.
j Not including hours of 54 persons not reported.
k Per 100 miles.
l Not including hours of 27 persons not reported.
n Not including hours of 179 persons not reported.
o Not including hours of 227 persons not reported.
p Not including hours of 29 persons not reported.
q Not including hours of 53 persons not reported.
r Not including hours of 16 persons not reported.
s Not including hours of 260 persons not reported.
t Not including hours of 534 persons not reported.
u Not including hours of 78 persons not reported.
v Not including hours of 364 persons not reported.
w Not including hours of 25 persons not reported.
x Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, FREIGHT, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1892 Mass	190	52 M.	70-70-70	2.50-2.88-2.57
1892 England	632	(a) M.	72-72-72	.83-1.04- —
1893 Ind	228	1782 M.	(a)	2.50-3.89-3.21
1893 Kans	247	123 M.	(a)	2.47-2.96-2.85
1893 Md	10	1 M.	84-84-84	2.57-2.57-2.57
1894 Ind	228	1536 M.	(a)	2.49-3.89-3.15
1894 N. H	316	1 M.	60-60-60	1.79-1.79-1.79
1895 Ind	229	1470 M.	(a)	2.50-3.90-3.11
1896 Ind	229	1397 M.	(a)	2.50-4.85-3.15
1896 Mexico	184	(a) M.	(a)	1.71-3.85- —
1897 Mich	289	13 (a)	77-91-82	2.30-3.00-2.54
1897 Mich	289	2 (a)	84-84-84	b.02½-.02⅝-.02¾
1898 Ind	230	1480 (a)	c 42-84-70	2.00-4.16-3.13
1898 Mo	306	479 (a)	56-84-69	1.80-3.66-3.21
1899 Pa	18	236 (a)	(a)	2.03-3.00-2.47
1899 Pa	18	109 (a)	(a)	d.17- .19-.17½
1900 Pa	18	248 (a)	(a)	2.00-3.00-2.59
1900 Pa	18	110 (a)	(a)	d.17- .19-.17½

CONDUCTORS, IRON AND STEEL.

1874	Pa	380	8	M.	(a)	1.42-1.50-1.46	1889	N. Y	5	55 M.	72-72-72	1.50-2.29-1.59
1876	Pa	381	12	M.	(a)	1.45-1.75-1.55	1889	Ohio	5	1 M.	60-60-60	2.60-2.60-2.60
1878	Pa	383	4	M.	e 60-60-60	1.20-1.25-1.21	1889	Pa	5	2 M.	60-72-66	1.30-1.30-1.30
1885	Ohio	1	2	M.	72-72-72	1.75-1.75-1.75	1896	Pa	394	7 M.	60-60-60	1.78-1.90-1.84
1888	N. Y	331	14	M.	60-60-60	1.50-1.50-1.50						

CONDUCTORS, OMNIBUS.

1884	Aust-Hun	178	(a)	M.	60-60-60	.50- .67- —	1892	Australia	424	(a) M.	70-70-70	.52- .70- —
1884	England	178	(a)	M.	(f)	.49- .59- —	1893	Netherl'ds	632	(a) M.	(a)	.40- .75- —
1884	Wales	178	(a)	M.	98-98-98	.35- .56- —	1894	Australia	425	(a) (a)	(a)	.52- .70- —
1888	Germany	558	(a)	(a)	56-56-56	.47- .59- —	1895	Australia	426	(a) (a)	(a)	.52- .70- —
1889	Australia	422	(a)	(a)	70-70-70	.52- .70- —	1895	Scotland	591	(a) (a)	(a)	.83- .94- —
1889	Germany	550	(a)	M.	(a)	.47- .78- —	1896	Australia	427	(a) (a)	(a)	.35- .43- —
1890	Australia	423	(a)	(a)	70-70-70	.52- .70- —	1897	Australia	428	(a) M.	(a)	.35- .43- —
1890	Netherl'ds	666	(a)	M.	95-95-95	.56- .75- —	1897	France	428	(a) M.	84-84-84	.39- .39- .39
1891	England	107	(a)	(a)	(a)	.73- .73- .73						

CONDUCTORS, PASSENGER, RAILROAD.

1840	Mass	190	6	M.	70-70-70	2.11-2.11-2.11	1868	Mass	190	20 M.	70-70-70	3.84-3.84-3.84
1841	Mass	190	8	M.	70-70-70	2.11-2.11-2.11	1869	Mass	190	24 M.	70-70-70	3.84-3.84-3.84
1842	Mass	190	7	M.	70-70-70	2.11-2.11-2.11	1870	Cal	16	5 M.	(a)	4.11-4.11-4.11
1843	Mass	190	9	M.	70-70-70	2.11-2.11-2.11	1870	Ill	16	15 M.	(a)	2.74-3.29-2.81
1844	Mass	190	10	M.	70-70-70	2.11-2.11-2.11	1870	La	16	5 M.	(a)	3.29-3.29-3.29
1845	Mass	190	7	M.	70-70-70	2.11-2.11-2.11	1870	Mass	16	33 M.	(a)	3.29-3.29-3.29
1846	Mass	190	10	M.	70-70-70	2.30-2.30-2.30	1870	Mass	190	20 M.	70-70-70	3.84-3.84-3.84
1847	Mass	190	10	M.	70-70-70	2.30-2.30-2.30	1870	Ohio	16	6 M.	60-60-60	4.11-4.11-4.11
1848	Mass	190	12	M.	70-70-70	2.30-2.30-2.30	1870	Va	16	4 M.	(a)	2.63-2.63-2.63
1850	Mass	190	12	M.	70-70-70	2.30-2.30-2.30	1870	England	177	(a) M.	(a)	.69- .89- —
1851	Mass	190	18	M.	70-70-70	2.30-2.30-2.30	1871	Cal	16	18 M.	(a)	3.62-3.78-3.72
1852	Mass	190	12	M.	70-70-70	2.30-2.30-2.30	1871	Ill	16	15 M.	(a)	2.74-3.29-2.81
1853	Mass	190	12	M.	70-70-70	2.49-2.49-2.49	1871	La	16	5 M.	(a)	3.29-3.29-3.29
1854	Mass	190	8	M.	70-70-70	2.49-2.49-2.49	1871	Mass	16	33 M.	(a)	3.29-3.29-3.29
1855	Mass	190	12	M.	70-70-70	2.49-2.49-2.49	1871	Mass	190	10 M.	70-70-70	3.84-3.84-3.84
1856	Mass	190	12	M.	70-70-70	2.49-2.49-2.49	1871	Ohio	16	6 M.	60-60-60	4.11-4.11-4.11
1857	Mass	190	12	M.	70-70-70	2.49-2.49-2.49	1871	Va	16	4 M.	(a)	2.63-2.63-2.63
1858	Mass	190	12	M.	70-70-70	2.83-2.83-2.83	1872	Cal	16	21 M.	(a)	3.62-3.78-3.70
1859	Mass	190	10	M.	70-70-70	3.20-3.20-3.20	1872	Ill	16	15 M.	(a)	2.74-3.29-2.81
1860	Mass	190	12	M.	70-70-70	3.20-3.20-3.20	1872	La	16	5 M.	(a)	3.29-3.29-3.29
1861	Mass	190	12	M.	70-70-70	3.20-3.20-3.20	1872	Mass	16	41 M.	(a)	3.29-3.29-3.29
1862	Mass	190	12	M.	70-70-70	3.20-3.20-3.20	1872	Mass	190	25 M.	70-70-70	3.84-3.84-3.84
1863	Mass	190	22	M.	70-70-70	3.20-3.20-3.20	1872	Minn	16	4 M.	(a)	3.29-3.29-3.29
1864	Mass	190	16	M.	70-70-70	3.20-3.20-3.20	1872	Ohio	16	6 M.	60-60-60	4.11-4.11-4.11
1865	Mass	190	13	M.	70-70-70	3.84-3.84-3.84	1872	Va	16	4 M.	(a)	2.63-2.63-2.63
1866	Mass	190	12	M.	70-70-70	3.84-3.84-3.84	1873	Cal	16	26 M.	(a)	3.62-3.78-3.70
1867	Mass	190	22	M.	70-70-70	3.84-3.84-3.84	1873	Ill	16	14 M.	(a)	2 74-3.29-2.82

a Not reported.
b Per mile.
c Not including hours of 622 persons not reported.
d Per hour.
e Not including hours of 3 persons not reported.
f 112-112-112 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, PASSENGER, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 La	16	5 M.	(a)	3.29-3.29-3.29
1873 Mass	16	48 M.	(a)	3.29-3.29-3.29
1873 Mass	190	20 M.	70-70-70	3.84-3.84-3.84
1873 Minn	16	4 M.	(a)	3.29-3.29-3.29
1873 Ohio	16	8 M.	60-60-60	4.11-4.11-4.11
1873 Va	16	4 M.	(a)	2.63-2.63-2.63
1873 Scotland	177	(a) M.	(a)	.69- .86- —
1874 Cal	16	28 M.	(a)	3.62-3.78-3.72
1874 Ill	16	8 M.	(a)	2.74-3.29-2.88
1874 La	16	5 M.	(a)	3.29-3.29-3.29
1874 Mass	16	44 M.	(a)	2.96-2.96-2.96
1874 Mass	190	30 M.	70-70-70	3.84-3.84-3.84
1874 Minn	16	4 M.	(a)	3.29-3.29-3.29
1874 Ohio	16	8 M.	60-60-60	4.11-4.11-4.11
1874 Pa	382	69 M.	(a)	2.90-2.90-2.90
1874 Va	16	4 M.	(a)	2.63-2.63-2.63
1875 Cal	16	26 M.	(a)	3.62-3.78-3.72
1875 Ill	16	14 M.	(a)	2.74-3.29-2.90
1875 La	16	5 M.	(a)	3.29-3.29-3.29
1875 Mass	16	39 M.	(a)	2.96-2.96-2.96
1875 Mass	190	11 M.	70-70-70	3.84-3.84-3.84
1875 Minn	16	4 M.	(a)	3.29-3.29-3.29
1875 Ohio	16	8 M.	60-60-60	3.62-3.62-3.62
1875 Pa	380	213 M.	(a)	1.54-3.42-2.98
1875 Pa	382	79 M.	(a)	2.61-2.61-2.61
1875 Va	16	4 M.	(a)	2.63-2.63-2.63
1876 Cal	16	26 M.	(a)	3.62-3.78-3.72
1876 Ill	16	9 M.	(a)	2.47-3.29-2.79
1876 La	16	5 M.	(a)	3.29-3.29-3.29
1876 Mass	16	38 M.	(a)	2.96-2.96-2.96
1876 Mass	190	28 M.	70-70-70	3.45-3.45-3.45
1876 Minn	16	4 M.	(a)	3.29-3.29-3.29
1876 Ohio	16	10 M.	60-60-60	3.29-3.29-3.29
1876 Pa	381	228 M.	b56-98-67	1.16-4.23-2.85
1876 Pa	382	109 M.	(a)	2.81-2.81-2.81
1876 Va	16	4 M.	(a)	2.63-2.63-2.63
1877 Cal	16	26 M.	(a)	3.62-3.78-3.72
1877 Ill	16	12 M.	(a)	2.47-3.29-2.87
1877 La	16	5 M.	(a)	3.29-3.29-3.29
1877 Mass	16	39 M.	(a)	3.29-3.29-3.29
1877 Mass	190	19 M.	70-70-70	3.45-3.45-3.45
1877 Minn	16	6 M.	(a)	3.29-3.29-3.29
1877 Ohio	16	7 M.	60-60-60	3.29-3.29-3.29
1877 Pa	382	125 M.	c56-84-72	1.33-3.66-2.78
1877 Va	16	4 M.	(a)	2.63-2.63-2.63
1878 Cal	16	26 M.	(a)	3.62-3.78-3.69
1878 Ill	16	12 M.	(a)	2.47-2.96-2.75
1878 La	16	5 M.	(a)	3.29-3.29-3.29
1878 Mass	16	37 M.	(a)	3.29-3.29-3.29
1878 Mass	190	36 M.	70-70-70	3.45-3.45-3.45
1878 Minn	16	6 M.	(a)	3.29-3.29-3.29
1878 Ohio	16	7 M.	60-60-60	3.29-3.29-3.29
1878 Pa	383	65 M.	d56-84-65	1.48-3.58-2.60
1878 Va	16	4 M.	(a)	2.63-2.63-2.63
1878 England	43	(a) (a)	(a)	.70-1.39- —
1878 Scotland	177	(a) M.	(a)	.72- .94- —
1879 Cal	16	27 M.	(a)	3.62-3.78-3.68
1879 Ill	16	14 M.	(a)	2.47-2.96-2.75
1879 La	16	5 M.	(a)	3.29-3.29-3.29
1879 Mass	16	36 M.	(a)	3.29-3.29-3.29
1879 Mass	190	28 M.	70-70-70	3.45-3.45-3.45
1879 Minn	16	6 M.	(a)	3.29-3.29-3.29
1879 Ohio	16	8 M.	60-60-60	3.29-3.29-3.29
1879 Pa	384	162 (a)	(a)	1.25-3.46-2.60
1879 Va	16	4 M.	(a)	2.63-2.63-2.63
1879 Canada	177	(a) (a)	(a)	1.32-1.92- —
1880 Cal	16	26 (a)	(a)	3.62-3.78-3.69
1880 Ill	16	18 M.	(a)	2.30-2.96-2.63
1880 Ill	205	37 M.	(a)	2.53-3.26-3.17
1880 La	16	5 M.	(a)	3.29-3.29-3.29
1880 Mass	16	40 M.	(a)	3.29-3.29-3.29
1880 Mass	190	28 M.	70-70-70	3.84-3.84-3.84
1880 Minn	16	6 M.	(a)	3.29-3.29-3.29
1880 Ohio	16	8 M.	60-60-60	2.96-3.29-3.25
1880 Pa	385	1 M.	70-70-70	2.86-2.86-2.86
1880 Va	16	4 M.	(a)	2.63-2.63-2.63
1881 Cal	16	30 M.	(a)	3.62-3.78-3.68
1881 Ill	16	15 M.	(a)	2.74-2.96-2.77
1881 Ind	220	329 M.	(a)	1.73-4.00-3.13
1881 La	16	5 M.	(a)	3.29-3.29-3.29
1881 Mass	16	41 M.	(a)	3.29-3.29-3.29
1881 Mass	190	16 M.	70-70-70	3.84-3.84-3.84
1881 Minn	16	8 M.	(a)	3.29-3.29-3.29
1881 Ohio	16	8 M.	60-60-60	2.96-3.29-3.25
1881 Va	16	4 M.	(a)	2.63-2.63-2.63
1882 Cal	16	38 M.	(a)	3.62-3.78-3.66
1882 Ill	16	20 M.	(a)	2.30-2.96-2.74
1882 Ill	206	269 M.	(a)	1.64-3.26-2.65
1882 Ind	221	335 M.	(a)	2.35-4.00-3.32
1882 La	16	5 M.	(a)	3.29-3.29-3.29
1882 Mass	16	45 M.	(a)	3.29-3.29-3.29
1882 Mass	190	24 M.	70-70-70	3.84-3.84-3.84
1882 Minn	16	8 M.	(a)	3.29-3.29-3.29
1882 Ohio	16	9 M.	60-60-60	2.96-3.29-3.25
1882 Va	16	4 M.	(a)	2.63-2.63-2.63
1883 Cal	16	42 M.	(a)	3.62-3.78-3.68
1883 Ill	16	18 M.	(a)	2.74-2.96-2.76
1883 Ind	222	1010 M.	(a)	2.20-4.37-3.33
1883 La	16	5 M.	(a)	3.29-3.29-3.29
1883 Mass	16	50 M.	(a)	3.29-3.29-3.29
1883 Mass	190	24 M.	70-70-70	3.84-3.84-3.84
1883 Minn	16	10 M.	(a)	3.62-3.62-3.62
1883 Ohio	16	11 M.	60-60-60	3.35-3.35-3.35
1883 Va	16	4 M.	(a)	2.63-2.63-2.63
1884 Cal	16	52 M.	(a)	3.62-3.78-3.69
1884 Ill	16	25 M.	(a)	2.74-3.29-3.00
1884 Ind	223	818 M.	(a)	2.25-4.30-3.22
1884 Iowa	231	263 M.	e35-84-53	2.50-3.58-3.18
1884 La	16	5 M.	(a)	3.29-3.29-3.29
1884 Mass	16	51 M.	(a)	3.29-3.29-3.29
1884 Mass	190	31 M.	70-70-70	3.84-3.84-3.84
1884 Minn	16	10 M.	(a)	3.62-3.62-3.62
1884 Ohio	16	11 M.	60-60-60	3.35-3.35-3.35
1884 Pa	388	596 M.	(a)	2.24-2.24-2.24
1884 Va	16	4 M.	(a)	2.63-2.63-2.63
1884 Wis	407	48 M.	(a)	2.92-2.92-2.92
1884 Canada	178	(a) (a)	(a)	1.75-2.47- —
1884 England	178	(a) M.	(a)	.63-2.40- —
1884 Russia	178	(a) M.	(a)	.55- .79- —
1884 Russia	178	(a) M.	(a)	f.66- .95- —
1884 Scotland	178	(a) M.	60-72 —	.73-1.03- —
1884 Spain	178	(a) M.	(a)	1.15-1.97- —
1884 Venezuela	178	(a) (a)	(a)	2.53-2.53-2.53
1884 Wales	178	(a) M.	(a)	.97-1.37- —
1885 Cal	16	62 M.	(a)	3.62-3.78-3.69
1885 Ill	16	22 M.	(a)	2.74-3.29-2.91
1885 Ind	224	748 M.	(a)	2.50-4.00-3.00
1885 Iowa	231	293 M.	g49-77-68	2.00-3.56-2.96
1885 Kans	239	60 M.	56-70-69	2.47-3.41-3.25
1885 La	16	5 M.	(a)	3.29-3.29-3.29
1885 Mass	16	47 M.	(a)	3.29-3.29-3.29
1885 Mass	190	29 M.	70-70-70	3.84-3.84-3.84
1885 Minn	16	10 M.	(a)	3.62-3.62-3.62
1885 Mo	296	15 M.	(a)	2.96-3.29-3.24
1885 Ohio	16	12 M.	60-60-60	3.52-3.52-3.52
1885 Pa	389	793 M.	(a)	2.50-2.50-2.50

a Not reported.
b Not including hours of 182 persons not reported.
c Not including hours of 86 persons not reported.
d Not including hours of 40 persons not reported.
e Not including hours of 89 persons not reported.
f And lodging and uniform.
g Not including hours of 24 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, PASSENGER, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Va	16	4 M.	(a)	2.63-2.63-2.63
1886 Cal	16	68 M.	(a)	3.62-3.78-3.69
1886 Ill	16	21 M.	(a)	2.74-3.29-2.91
1886 Ind	224	1386 M.	(a)	2.23-4.40-2.58
1886 Iowa	232	170 M.	b25-84-58	1.60-4.00-3.21
1886 Kans	240	115 M.	c42-84-64	2.90-3.88-3.31
1886 La	16	5 M.	(a)	3.29-3.29-3.29
1886 Mass	16	48 M.	(a)	3.29-3.29-3.29
1886 Mass	190	36 M.	70-70-70	3.84-3.84-3.84
1886 Minn	16	10 M.	(a)	3.62-3.62-3.62
1886 Ohio	16	10 M.	60-60-60	3.52-3.52-3.52
1886 Va	16	4 M.	(a)	2.63-2.63-2.63
1887 Cal	16	67 M.	(a)	3.62-3.78-3.69
1887 Conn	4	2 M.	(a)	1.81-1.97-1.89
1887 Fla	4	23 M.	(a)	1.64-3.00-2.81
1887 Ill	16	23 M.	(a)	2.74-3.29-2.85
1887 Ill	298	31 (a)	(a)	3.19-3.19-3.19
1887 Kans	241	151 M.	d49-84-67	2.66-3.84-3.23
1887 La	16	5 M.	(a)	3.29-3.29-3.29
1887 Md	4	172 M.	(a)	1.64-3.98-2.82
1887 Mass	4	139 M.	(a)	1.60-3.84-3.16
1887 Mass	16	53 M.	(a)	3.29-3.29-3.29
1887 Mass	190	30 M.	70-70-70	3.84-3.84-3.84
1887 Mich	4	23 M.	(a)	1.48-3.00-2.54
1887 Minn	16	10 M.	(a)	3.62-3.62-3.62
1887 Mo	4	130 M.	(a)	1.97-3.75-3.06
1887 Mo	298	95 (a)	(a)	2.47-3.33-3.29
1887 Nebr	312	77 (a)	e49-70-49	2.50-3.33-2.96
1887 N. J	4	9 M.	(a)	2.50-2.79-2.68
1887 N. Y	4	194 M.	(a)	2.14-3.29-2.83
1887 N. C	342	38 M.	f70-84-72	1.17-3.00-2.68
1887 Ohio	16	10 M.	60-60-60	3.60-3.60-3.60
1887 Oregon	4	6 M.	(a)	3.29-3.29-3.29
1887 Pa	4	63 M.	g70-70-70	2.00-3.40-2.75
1887 R. I	4	16 M.	(a)	2.79-2.96-2.80
1887 Va	4	6 M.	(a)	2.79-3.06-2.97
1887 Va	16	4 M.	(a)	2.63-2.63-2.63
1887 W. Va	4	2 M.	(a)	2.00-2.30-2.15
1887 Wis	4	46 M.	(a)	1.48-3.29-3.03
1888 Cal	16	66 M.	(a)	3.62-3.78-3.69
1888 Colo	198	21 M.	(a)	3.29-3.68-3.51
1888 Ill	16	20 M.	(a)	2.74-3.29-2.87
1888 Ind	225	450 M.	(a)	2.14-3.98-3.19
1888 Iowa	233	276 M.	h35-84-61	1.60-4.71-3.41
1888 Kans	242	219 M.	i56-74-63	2.30-4.65-3.01
1888 La	16	5 M.	(a)	3.29-3.29-3.29
1888 Mass	16	55 M.	(a)	3.29-3.29-3.29
1888 Mass	190	22 M.	70-70-70	3.84-3.84-3.84
1888 Minn	16	10 M.	(a)	3.62-3.62-3.62
1888 Mo	298	127 (a)	(a)	1.53-3.33-3.13
1888 Ohio	16	10 M.	60-60-60	3.60-3.60-3.60
1888 Va	16	5 M.	(a)	3.06-3.06-3.06
1889 Cal	16	63 M.	(a)	3.62-3.78-3.70
1889 Ill	16	19 M.	(a)	2.74-3.29-2.90
1889 Ind	226	762 M.	(a)	2.37-4.50-3.23
1889 Iowa	233	741 M.	j35-98-55	1.67-3.64-3.26
1889 Kans	243	173 M.	k56-77-69	2.78-4.00-3.27
1889 La	16	5 M.	(a)	3.29-3.29-3.29
1889 Mass	16	58 M.	(a)	3.29-3.29-3.29
1889 Mass	190	22 M.	70-70-70	3.84-3.84-3.84
1889 Minn	16	10 M.	(a)	3.62-3.62-3.62
1889 Ohio	16	11 M.	60-60-60	3.60-3.60-3.60
1889 Va	16	5 M.	(a)	3.00-3.00-3.00
1890 Cal	16	66 M.	(a)	3.62-3.78-3.70
1890 Ill	16	24 M.	(a)	2.74-3.29-2.86
1890 Ind	226	778 M.	(a)	2.50-5.00-3.32
1890 La	16	5 M.	(a)	3.44-3.44-3.44
1890 Mass	16	62 M.	(a)	3.29-3.29-3.29
1890 Mass	190	22 M.	70-70-70	3.84-3.84-3.84
1890 Minn	16	10 M.	(a)	3.62-3.62-3.62
1890 Ohio	16	12 M.	60-60-60	3.60-3.68-3.61
1890 Va	16	5 M.	(a)	3.00-3.00-3.00
1891 Cal	16	93 M.	(a)	3.62-4.11-3.87
1891 Ill	16	34 M.	(a)	3.29-3.95-3.47
1891 Ind	227	601 M.	(a)	2.50-4.10-3.70
1891 La	16	5 M.	(a)	4.11-4.11-4.11
1891 Mass	16	68 M.	(a)	3.29-3.29-3.29
1891 Mass	190	22 M.	70-70-70	3.84-3.84-3.84
1891 Minn	16	12 M.	(a)	4.11-4.11-4.11
1891 Ohio	16	12 M.	60-60-60	3.69-3.76-3.70
1891 Va	16	5 M.	(a)	3.16-3.16-3.16
1891 Gr't Brit	576	(a) M.	(a)	.80- .80- .80
1892 Cal	16	91 M.	(a)	3.62-4.11-3.87
1892 Ill	16	49 M.	(a)	3.29-3.95-3.48
1892 Ind	227	709 M.	(a)	3.00-4.82-3.74
1892 La	16	5 M.	(a)	4.27-4.27-4.27
1892 Md	263	84 M.	l63-70-68	2.45-4.00-3.48
1892 Mass	16	69 M.	(a)	3.29-3.29-3.29
1892 Mass	190	22 M.	70-70-70	3.84-3.84-3.84
1892 Minn	16	12 M.	(a)	4.11-4.11-4.11
1892 Ohio	16	12 M.	60-60-60	3.52-3.59-3.53
1892 Va	16	5 M.	(a)	3.02-3.02-3.02
1892 England	632	(a) M.	n72-72-72	.73-1.13- —
1893 Cal	16	94 M.	(a)	3.62-4.11-3.86
1893 Ill	16	54 M.	(a)	3.29-3.95-3.46
1893 Ind	228	1022 M.	(a)	2.63-6.12-3.51
1893 Kans	247	35 M.	(a)	3.29-4.11-3.48
1893 La	16	6 M.	(a)	4.97-4.97-4.97
1893 Mass	16	73 M.	(a)	3.29-3.29-3.29
1893 Minn	16	12 M.	(a)	4.11-4.11-4.11
1893 Ohio	16	12 M.	60-60-60	3.52-3.59-3.53
1893 Va	16	5 M.	(a)	3.14-3.14-3.14
1894 Cal	16	98 M.	(a)	3.62-4.11-3.85
1894 Ill	16	35 M.	(a)	3.29-3.95-3.56
1894 Ind	228	881 M.	(a)	2.63-6.12-3.50
1894 La	16	6 M.	(a)	3.97-3.97-3.97
1894 Mass	16	71 M.	(a)	3.29-3.29-3.29
1894 Minn	16	12 M.	(a)	3.70-3.70-3.70
1894 Ohio	16	16 M.	60-60-60	3.45-3.45-3.45
1894 Va	16	5 M.	(a)	3.25-3.25-3.25
1895 Cal	16	100 M.	(a)	3.62-4.11-3.84
1895 Ill	16	35 M.	(a)	3.29-3.95-3.56
1895 Ind	229	438 M.	(a)	3.00-5.78-3.93
1895 La	16	7 M.	(a)	4.58-4.58-4.58
1895 Mass	16	67 M.	(a)	3.29-3.29-3.29
1895 Minn	16	12 M.	(a)	3.70-3.70-3.70
1895 Ohio	16	21 M.	60-60-60	3.66-3.66-3.66
1895 Va	16	5 M.	(a)	3.12-3.12-3.12
1896 Cal	16	101 M.	(a)	3.62-4.11-3.82
1896 Ill	16	40 M.	(a)	3.29-3.95-3.55
1896 Ind	229	638 M.	(a)	2.70-5.39-3.62
1896 La	16	7 M.	(a)	4.92-4.92-4.92
1896 Mass	16	72 M.	(a)	3.29-3.29-3.29
1896 Minn	16	12 M.	(a)	3.70-3.70-3.70
1896 Ohio	16	14 M.	60-60-60	3.56-3.56-3.56
1896 Va	16	5 M.	(a)	3.05-3.05-3.05
1896 Mexico	184	(a) M.	(a)	1.71-3.75- —
1897 Cal	16	105 M.	(a)	3.62-4.11-3.81
1897 Ill	16	36 M.	(a)	3.29-3.95-3.58
1897 La	16	5 M.	(a)	5.04-5.04-5.04

a Not reported.
b Not including hours of 49 persons not reported.
c Not including hours of 81 persons not reported.
d Not including hours of 19 persons not reported.
e Not including hours of 25 persons not reported.
f Not including hours of 20 persons not reported.
g Not including hours of 62 persons not reported.
h Not including hours of 229 persons not reported.
i Not including hours of 40 persons not reported.
j Not including hours of 643 persons not reported.
k Not including hours of 24 persons not reported.
l Not including hours of 73 persons not reported.
n Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, PASSENGER, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Mass	16	69 M.	(a)	3.29-3.29-3.29	1898 Minn	16	12 M.	(a)	3.70-3.70-3.70
1897 Mich	289	11 (a)	72-105-87	2.47-3.95-3.21	1898 Mo	306	286 (a)	56-84-69	1.80-3.98-3.30
1897 Minn	16	12 M.	(a)	3.70-3.70-3.70	1898 Nebr	314	22 (a)	c 70-70-70	2.47-3.62-3.42
1897 Ohio	16	14 M.	60-60-60	3.52-3.52-3.52	1898 Ohio	16	14 M.	60-60-60	3.59-3.59-3.59
1897 Va	16	5 M.	(a)	3.05-3.05-3.05	1898 Va	16	5 M.	(a)	3.05-3.05-3.05
1898 Cal	16	108 M.	(a)	3.62-4.11-3.81	1899 Mass	18	59 (a)	(a)	2.88-3.84-3.81
1898 Ill	16	29 M.	(a)	3.29-3.95-3.53	1899 Pa	18	194 (a)	(a)	2.15-3.69-3.22
1898 Ind	230	598 (a)	b 42-84-68	1.50-6.11-3.85	1900 Mass	18	58 (a)	(a)	3.20-3.84-3.83
1898 La	16	5 M.	(a)	4.65-4.65-4.65	1900 Pa	18	203 (a)	(a)	2.15-3.69-3.27
1898 Mass	16	68 M.	(a)	3.29-3.29-3.29					

CONDUCTORS (NOT SPECIFIED), RAILROAD.

1850	Germany	76	(a)	M.	(a)	d .29- .59- —	1884	N. J	323	26	M.	i 70-70-70	2.14-2.30-2.15
1860	Germany	76	(a)	M.	(a)	d .29- .68- —	1884	Pa	16	41	M.	(a)	2.66-4.68-3.34
1870	Pa	16	33	M.	(a)	2.63-3.45-2.95	1884	Pa	388	51	M.	(a)	2.15-2.15-2.15
1871	Pa	16	35	M.	(a)	2.87-3.25-2.97	1884	Australia	178	(a)	(a)	(a)	1.70-2.67- —
1871	Brazil	611	(a)	M.	(a)	2.07-2.07-2.07	1884	Aust-Hun	178	(a)	M.	j 60-60-60	.33-1.00- —
1871	Netherl'ds	611	(a)	M.	70-105 —	.55- .73- —	1884	Aust-Hun	178	(a)	M.	(a)	k .44- .55- —
1872	Pa	16	42	M.	(a)	2.96-3.50-3.06	1884	Aust-Hun	178	(a)	M.	(a)	l .46- .71- —
1872	Germany	76	(a)	M.	(a)	.51- .78- —	1884	Brazil	178	(a)	M.	(a)	1.23-2.27- —
1872	Netherl'ds	185	(a)	(a)	70-105 —	.54- .73- —	1884	Canada	178	(a)	M.	(a)	1.30-2.50- —
1873	Pa	16	38	M.	(a)	2.35-5.20-3.75	1884	Canada	466	(a)	M.	65-65-65	2.05-2.05-2.05
1874	Ill	185	323	M.	(a)	1.64-3.29-2.49	1884	Colombia	178	(a)	(a)	(a)	2.12-2.12-2.12
1874	Ind	185	44	M.	(a)	1.68-2.47-2.35	1884	Cuba	178	(a)	(a)	(a)	1.84-1.84-1.84
1874	Iowa	185	10	M.	(a)	2.61-2.61-2.61	1884	Ecuador	178	(a)	M.	(a)	.92-1.48- —
1874	Ohio	185	334	M.	(a)	2.51-2.51-2.51	1884	England	178	(a)	M.	(a)	.76-1.39- —
1874	Pa	16	36	M.	(a)	2.47-4.68-3.50	1884	France	178	(a)	M.	(a)	.72-1.27- —
1875	Pa	16	35	M.	(a)	2.47-4.68-3.53	1884	Germany	178	(a)	M.	n 84-84-84	.42-1.20- —
1876	Pa	16	32	M.	(a)	2.47-4.68-3.54	1884	Hawai. Is.	178	(a)	(a)	(a)	2.74-2.74-2.74
1876	Pa	381	34	M.	84-84-84	2.24-2.24-2.24	1884	Ireland	178	(a)	M.	(a)	.69- .97- —
1877	N. J	317	72	M.	e 72-72-72	1.81-2.63-2.56	1884	Italy	178	(a)	M.	(a)	.37- .79- —
1877	Pa	16	40	M.	(a)	2.47-4.68-3.40	1884	Malta	178	(a)	M.	(a)	.30- .60- —
1877	Pa	382	12	M.	f 70-84-77	1.60-2.30-2.07	1884	Mexico	178	(a)	(a)	(a)	2.47-5.00- —
1878	Pa	16	35	M.	(a)	2.22-4.25-3.14	1884	Netherl'ds	178	(a)	M.	(a)	.56- .80- —
1878	Pa	383	7	M.	g 70-84-74	1.32-2.40-2.03	1884	Peru	178	(a)	M.	(a)	2.03-3.35- —
1878	Belgium	177	(a)	M.	(a)	.82- .99- —	1884	Russia	178	(a)	M.	(a)	.32-1.59- —
1878	Canada	177	(a)	M.	(a)	1.32-2.00- —	1884	Scotland	178	(a)	M.	60-60-60	.87- .87- .87
1878	England	177	(a)	M.	(a)	.71-1.07- —	1884	Spain	178	(a)	M.	o 70-84 —	.48-1.19- —
1878	France	177	(a)	M.	(a)	.82- .99- —	1884	Switzerl'd	178	(a)	M.	p 65-65-65	.63-1.55- —
1878	Germany	177	(a)	M.	(a)	1.22-1.22-1.22	1884	Tunis	178	(a)	M.	(a)	.48- .48- .48
1878	Ireland	177	(a)	M.	(a)	.63-1.04- —	1884	Turk. in A.	178	(a)	(a)	(a)	.43-1.21- —
1878	Italy	177	(a)	M.	(a)	.66-1.10- —	1885	Kans	239	1	M.	70-70-70	2.90-2.90-2.90
1878	Scotland	177	(a)	M.	(a)	.71- .86- —	1885	Mich	279	616	M.	(a)	1.15-3.85-2.48
1879	Mo	293	32	M.	63-63-63	2.92-2.92-2.92	1885	N. J	324	32	M.	q 84-84-84	1.78-2.37-2.09
1879	Pa	16	35	M.	(a)	2.40-4.21-3.24	1885	Pa	16	39	M.	(a)	2.96-4.68-3.69
1879	Pa	384	4	M.	70-70-70	2.17-2.17-2.17	1885	Pa	389	90	M.	(a)	2.10-2.10-2.10
1880	Ill	205	4	M.	(a)	2.03-2.03-2.03	1885	Canada	467	(a)	M.	60-61 —	1.62-1.77- —
1880	N. J	319	1	(a)	72-72-72	2.75-2.75-2.75	1886	Cal	193	1	M.	84-84-84	3.29-3.29-3.29
1880	Pa	16	35	M.	(a)	2.66-4.68-3.62	1886	Ill	208	2	M.	70-70-70	3.00-3.00-3.00
1880	Switzerl'd	21	(a)	(a)	(a)	1.22-1.22-1.22	1886	Ind	2	74	M.	(a)	2.60-3.00-2.80
1881	Pa	16	30	M.	(a)	2.30-4.68-3.76	1886	Kans	240	1	M.	70-70-70	2.91-2.91-2.91
1882	Pa	16	20	M.	(a)	2.66-2.96-2.81	1886	N. J	325	33	M.	(a)	1.78-2.37-2.03
1882	England	31	(a)	(a)	(a)	.79-1.07- —	1886	Pa	16	35	M.	(a)	2.63-4.68-3.50
1883	Mich	277	46	M.	(a)	1.64-3.62-2.49	1886	Argentina	57	(a)	M.	(a)	1.32-1.64- —
1883	Pa	16	40	M.	(a)	2.63-4.68-3.81	1886	Canada	468	(a)	M.	68-70 —	1.89-1.96- —
1883	Colombia	42	(a)	(a)	(a)	3.29-3.29-3.29	1886	Costa Rica	184	(a)	M.	(a)	4.93-4.93-4.93
1883	England	43	(a)	(a)	(a)	.73- .96- —	1886	Germany	76	(a)	M.	(a)	.51- .88- —
1883	Wales	43	(a)	(a)	(a)	h .94-1.13- —	1887	Conn	4	209	M.	(a)	1.48-3.29-2.48
1884	Cal	192	41	M.	35-98-73	1.25-2.50-1.79	1887	Del	4	64	M.	(a)	.66-2.65-2.41
1884	Mich	278	28	M.	(a)	.82-4.11-2.37	1887	Fla	4	12	M.	(a)	1.97-3.00-2.45

a Not reported.
b Not including hours of 215 persons not reported.
c Not including hours of 7 persons not reported.
d And uniform.
e Not including hours of 71 persons not reported.
f Not including hours of 10 persons not reported.
g Not including hours of 3 persons not reported.
h And clothing.
i Not including hours of 25 persons not reported.
j Applies to but 2 of the 9 wage quotations.
k And lodging.
l And rent.
n Applies to but 4 of the 64 wage quotations.
o Applies to but 4 of the 5 wage quotations.
p Applies to but 2 of the 11 wage quotations.
q Not including hours of 31 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS (NOT SPECIFIED), RAILROAD—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Kans.	241	1 M.	70-70-70	2.97-2.97-2.97
1887 Me.	4	3 M.	(a)	1.58-1.83-1.66
1887 Md.	4	134 M.	(a)	1.48-3.94-2.39
1887 Mass.	4	47 M.	(a)	1.32-3.84-2.57
1887 Mo.	4	12 M.	(a)	2.63-3.29-2.73
1887 Mo.	298	3 (a)	(a)	1,51-1.51-1.51
1887 Nebr.	312	16 (a)	b70-70-70	1.93-3.42-2.55
1887 N. H.	4	2 M.	(a)	2.00-2.00-2.00
1887 N. J.	4	250 M.	(a)	1.15-3.50-2.57
1887 N. Y.	4	268 M.	(a)	1.48-3.46-2.52
1887 N. C.	342	2 M.	84-84-84	1.48-1.48-1.48
1887 Oregon.	4	13 M.	(a)	2.47-3.29-2.97
1887 Pa.	4	425 M.	(a)	1.32-4.50-2.42
1887 Pa.	16	37 M.	(a)	2.66-4.68-3.52
1887 R. I.	4	7 M.	(a)	1.97-2.47-2.21
1887 Va.	4	17 M.	(a)	2.30-2.90-2.57
1887 Wis.	4	16 M.	(a)	1.97-2.96-2.55
1887 Australia.	420	(a) (a)	(a)	1.95-2.92- —
1887 Canada.	469	(a) M.	74-74-74	2.15-2.45- —
1887 Netherl'ds	598	(a) (a)	70-70-70	.58- .58- .58
1888 Kans.	242	52 M.	c56-56-56	2.69-2.94-2.71
1888 Mo.	298	10 (a)	(a)	1.64-2.89-2.55
1888 N. Y.	16	452 M.	(a)	d.02- .02- .02
1888 Pa.	16	626 M.	(a)	2.35-4.68-2.44
1888 Australia.	421	(a) M.	(a)	1.95-2.92- —
1888 Australia.	432	(a) M.	(a)	1.70-2.43- —
1888 Canada.	470	(a) M.	62-62-62	1.89-1.89-1.89
1889 Iowa.	233	12 M.	e70-84-75	2.14-3.16-2.91
1889 Kans.	243	28 M.	f56-70-69	2.00-3.67-2.67
1889 N. Y.	16	142 M.	(a)	2.35-2.98-2.58
1889 N. Y.	16	543 M.	(a)	d.02- .02- .02
1889 Pa.	16	647 M.	(a)	2.35-4.68-2.43
1889 Australia.	422	(a) (a)	55-55-55	2.19-2.68- —
1889 Australia.	432	(a) M.	(a)	2.43-2.43-2.43
1889 Canada.	471	(a) M.	72-73 —	2.16-2.36- —
1889 Spain.	515	(a) M.	(a)	.57- .82- —
1890 Iowa.	234	733 M.	(a)	1.21-3.50-2.97
1890 N. Y.	16	288 M.	(a)	2.70-3.50-2.89
1890 N. Y.	16	556 M.	(a)	d.02- .02- .02
1890 Ohio.	371	1382 M.	35-105-68	1.70-4.68-3.06
1890 Pa.	16	670 M.	(a)	2.67-4.68-2.73
1890 Australia.	423	(a) (a)	55-55-55	2.19-2.68- —
1890 Netherl'ds	666	(a) M.	g63-119—	.43- .94- —
1890 Netherl'ds	666	(a) M.	(h)	i.78- .78- .78
1890 Netherl'ds	666	(a) M.	j74-114—	k.46- .80- —
1890 Spain.	632	(a) M.	(a)	.57- .82- —
1891 Ind.	227	392 M.	(a)	2.43-3.09-2.83
1891 Kans.	245	5 M.	47-98-79	3.41-6.24-4.59
1891 Me.	257	504 M.	l70-77-74	1.50-3.13-2.70
1891 N. Y.	16	327 M.	(a)	2.56-3.53-2.85
1891 N. Y.	16	628 M.	(a)	d.02- .02- .02
1891 N. C.	354	223 (a)	(a)	1.64-3.00-2.33
1891 Pa.	16	708 M.	(a)	2.38-4.68-2.45
1891 Wis.	411	1 M.	(a)	2.00-2.00-2.00
1891 England.	104	(a) M.	(a)	1.04-1.04-1.04
1891 Nicaragua	106	(a) (a)	(a)	1.68-1.68-1.68
1891 Scotland.	576	(a) M.	(a)	.70-1.04- —
1892 Ind.	227	214 M.	(a)	2.62-3.00-2.76
1892 Md.	263	158 M.	m70-70-70	1.90-4.00-3.22
1892 N. Y.	16	346 M.	(a)	2.48-3.51-2.72
1892 N. Y.	16	697 M.	(a)	d0.02-0.02-0.02
1892 N. C.	355	330 (a)	(a)	1.00-3.39-2.47
1892 Pa.	16	1201 M.	(a)	2.45-4.68-2.49
1892 Australia.	424	(a) M.	55-55-55	2.43-2.43-2.43
1892 France.	505	(a) M.	61-84 —	.81-1.35- —
1892 France.	505	(a) M.	o63-84 —	p.77-1.35- —
1892 France.	505	(a) M.	56-84 —	k.87-1.16- —
1892 France.	632	(a) M.	(a)	.69- .98- —
1892 Netherl'ds	618	(a) M.	(a)	.57- .94- —
1892 Scotland.	632	(a) M.	(a)	.80-1.04- —
1893 Ill.	10	2 M.	72-119-96	2.43-3.57-3.00
1893 Md.	10	5 M.	f36-84-66	1.43-2.86-2.08
1893 Mich.	285	325 M.	(q)	1.32-5.25-2.69
1893 Mont.	307	32 M.	r47-81-66	3.00-5.92-3.94
1893 Mont.	307	7 M.	s84-84-84	(t)
1893 N. Y.	16	342 M.	(a)	2.48-3.52-2.76
1893 N. Y.	16	728 M.	(a)	d.02- .02- .02
1893 N. C.	347	347 M.	(a)	1.29-3.09-2.46
1893 Pa.	10	1 M.	72-72-72	2.14-2.14-2.14
1893 Pa.	16	1422 M.	(a)	2.40-4.30-2.42
1893 Switzerl'd.	632	(a) M.	(a)	.57- .73- —
1894 Iowa.	236	2 M.	63-70-67	2.97-3.00-2.99
1894 Mont.	308	139 M.	(a)	2.88-4.56-3.34
1894 Mont.	309	6 M.	(a)	4.55-4.55-4.55
1894 N. H.	316	4 M.	47-72-60	1.50-2.71-2.02
1894 N. Y.	16	312 M.	(a)	2.65-3.55-2.84
1894 N. Y.	16	684 M.	(a)	d.02- .02- .02
1894 N. C.	348	313 M.	(a)	1.15-3.06-2.39
1894 Pa.	16	727 M.	(a)	2.52-4.68-2.59
1894 W. Va.	406	598 M.	(a)	.82-3.01-2.06
1895 Iowa.	237	941 (a)	(a)	1.39-4.15-3.11
1895 Mont.	309	218 M.	(a)	3.12-5.75-3.35
1895 N. Y.	16	314 M.	(a)	2.50-3.54-2.78
1895 N. Y.	16	642 M.	(a)	d.02- .02- .02
1895 N. C.	349	254 M.	(a)	.97-3.05-2.44
1895 Pa.	16	752 M.	(a)	2.47-4.68-2.54
1895 Canada.	187	(a) M.	u70-70-70	1.64-2.50- —
1895 Nicaragua	140	(a) (a)	(a)	.99- .99- .99
1896 Colo.	200	250 M.	49-84-68	3.50-4.25-4.05
1896 Ind.	229	39 M.	(a)	2.55-4.85-4.09
1896 Iowa.	237	1003 (a)	(a)	1.24-3.80-3.00
1896 Mo.	305	635 (a)	(a)	2.08-3.78-3.16
1896 Mont.	310	238 M.	(a)	2.52-5.02-3.23
1896 N. Y.	16	1760 M.	v70-70-70	1.75-3.49-2.19
1896 N. Y.	16	667 M.	(a)	d.02- .02- .02
1896 N. C.	350	293 M.	(a)	1.42-2.91-2.40
1896 Pa.	16	778 M.	(a)	2.49-4.68-2.55
1896 Belgium.	184	(a) M.	(a)	1.08-1.08-1.08
1896 Canada.	184	(a) M.	(a)	2.50-2.96- —
1896 Canada.	482	(a) (a)	(a)	2.96-3.62- —
1896 Colombia.	184	(a) M.	(a)	4.88-4.88-4.88
1896 Costa Rica	184	(a) M.	(a)	3.29-3.29-3.29
1896 Hawai Is.	184	(a) M.	(a)	2.14-2.96- —
1896 Mexico.	184	(a) M.	(a)	2.22-2.22-2.22
1896 Spain.	184	(a) M.	(a)	.82-1.64- —
1897 Iowa.	238	954 (a)	(a)	1.01-3.80-3.18
1897 Kans.	251	2 (a)	70-72-71	3.29-3.45-3.37
1897 Kans.	251	17 (a)	s56-84-72	d.03- .03- .03
1897 Md.	265	376 (a)	w42-70-67	1.87-3.59-3.09
1897 Mont.	311	262 (a)	(a)	2.66-3.72-3.10

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 29 persons not reported.
d Per mile.
e Not including hours of 9 persons not reported.
f Not including hours of 1 person not reported.
g Applies to but 7 of the 9 wage quotations.
h 119-119-119 hours.
i And clothing.
j Applies to but 9 of the 10 wage quotations.
k And premiums.
l Not including hours of 502 persons not reported.
m Not including hours of 153 persons not reported.
o Applies to but 2 of the 4 wage quotations.
p And *gratifications*.
q 32-112-81 hours; not including hours of 9 persons not reported.
r Not including hours of 24 persons not reported.
s Not including hours of 6 persons not reported.
t $0.03-.0325-.0312 per mile.
u Applies to but 1 of the 2 wage quotations.
v Not including hours of 300 persons not reported.
w Not including hours of 360 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS (NOT SPECIFIED), RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1897 N. Y.	16	286 M.	(a)	2.47-3.55-2.80
1897 N. Y.	16	657 M.	(a)	b .02- .02- .02
1897 N. Y.	337	1232 M.	c 63-84-77	1.80-4.00-2.75
1897 N. C.	351	279 (a)	(a)	.40-2.84-2.39
1897 Pa.	16	725 M.	(a)	2.45-4.68-2.52
1898 Iowa	238	1033 (a)	(a)	1.01-4.15-3.47
1898 Kans.	252	850 M.	(d)	2.14-4.11-3.29
1898 Kans.	252	14 M.	(e)	b .02⅔-.03-.0298
1898 Nebr.	314	242 (a)	f 42-84-71	1.20-5.00-3.15
1898 Nebr.	314	6 (a)	(a)	b .03- .03- .03
1898 N. J.	329	490 M.	(a)	2.47-2.91-2.76
1898 N. Y.	16	283 M.	(a)	2.62-3.53-2.83
1898 N. Y.	16	664 M.	(a)	b .02- .02- .02
1898 N. Y.	338	1430 M.	g 70-84-77	1.50-4.50-2.85
1898 N. C.	352	297 (a)	(a)	0.96-3.73-2.61
1898 Pa.	16	749 M.	(a)	2.46-4.68-2.53
1898 Wash.	405	160 (a)	(a)	2.47-3.33-2.87
1898 Germany	147	(a) (a)	(a)	1.04-1.56- —
1898 Germany	151	(a) (a)	(a)	.51-1.16- —
1899 Mass.	18	732 (a)	(a)	2.00-4.00-2.79
1899 N. J.	18	305 (a)	(a)	2.89-2.89-2.89
1899 N. Y.	18	1332 M.	(a)	2.96-3.26-3.13
1899 N. C.	356	311 M.	(a)	.96-3.32-2.61
1899 Pa.	18	533 (a)	(a)	2.15-2.50-2.34
1899 Va.	404	685 (a)	(a)	1.53-3.83-2.92
1900 Mass.	18	738 (a)	(a)	2.00-4.00-2.76
1900 N. J.	18	275 (a)	(a)	2.86-2.86-2.86
1900 Pa.	18	448 (a)	(a)	2.15-2.50-2.35

CONDUCTORS, STREET RAILWAY.

1871	Mass.	267	112	M.	(a)	1.67-1.75-1.75	1887	Australia	420	(a)	(a)	(a)	1.95-2.19- —
1875	Belgium	169	(a)	M.	(a)	.68- .87- —	1887	Netherl'ds	598	(a)	(a)	(a)	.68- .81- —
1877	N. J.	317	1	M.	90-90-90	1.60-1.60-1.60	1888	Kans.	242	68	M.	o 84-84-84	1.50-2.50-2.03
1880	Pa.	385	1	M.	96-96-96	2.00-2.00-2.00	1888	Kans.	243	1	M.	(a)	2.50-2.50-2.50
1882	Mo.	294	10	M.	78-108-93	2.00-2.00-2.00	1888	Ohio	370	626	M.	o 54-96-72	1.34-2.30-1.87
1882	Ohio	364	339	M.	72-90-81	.83-2.00-1.81	1888	R. I.	397	5	M.	(a)	1.66-2.75-2.38
1883	N. J.	322	72	M.	66-78-69	1.67-2.08-1.74	1888	Australia	430	(a)	(a)	(a)	1.95-2.19- —
1884	Cal.	192	97	M.	78-78-78	1.00-2.50-2.22	1888	Australia	432	(a)	M.	(a)	1.46-2.19- —
1884	Ill.	207	3	M.	78-96-88	2.00-2.60-2.20	1888	Canada	470	(a)	M.	72-72-72	1.67-1.67-1.67
1884	Mo.	295	314	M.	h 62-90-75	.50-2.50-2.01	1889	Kans.	243	145	M.	p 54-84-75	1.45-2.40-1.85
1884	N. J.	323	21	M.	i 72-96-84	.96-2.33-1.97	1889	Australia	432	(a)	M.	(a)	1.95-2.19- —
1884	Pa.	388	1064	M.	60-102-91	1.00-2.09-2.03	1889	Germany	550	(a)	M.	(a)	.62- .85- —
1884	Aust-Hun.	178	(a)	M.	j 60-60-60	.37- .70- —	1890	Conn.	203	133	M.	(q)	1.50-2.00-1.80
1884	Brazil	178	(a)	M.	66-66-66	1.58-1.58-1.58	1890	Kans.	244	12	M.	(a)	1.50-2.40-2.18
1884	Canada	178	(a)	(a)	88-88-88	1.17-1.33- —	1890	Netherl'ds	666	(a)	M.	r 60-108—	.40- .94- —
1884	Ecuador	178	(a)	M.	(a)	1.38-1.76- —	1891	Me.	257	10	M.	(a)	1.43-1.43-1.43
1884	England	178	(a)	(a)	(a)	.85- .91- —	1891	Belgium	632	(a)	(a)	(a)	.89- .89- .89
1884	France	178	(a)	M.	(a)	.70- .90- —	1891	England	104	(a)	M.	(a)	.49-1.22- —
1884	Germany	178	(a)	M.	k 60-119—	.55- .86- —	1891	England	107	(a)	(a)	(a)	.73- .97- —
1884	Mexico	178	(a)	(a)	(a)	.77-1.00- —	1891	France	102	(a)	M.	(s)	t .68- .68- .68
1884	Netherl'ds	178	(a)	M.	60-60-60	.67- .80- —	1891	Germany	107	(a)	(a)	(a)	.60-1.44- —
1884	Spain	178	(a)	M.	63-105—	.58- .96- —	1891	Ireland	107	(a)	(a)	60-60-60	.73- .97- —
1884	Switzerl'd	178	(a)	M.	60-60-60	.68- .68- .68	1892	Cal.	196	111	M.	u 51-75-70	1.50-2.75-2.30
1884	Wales	178	(a)	M.	84-84-84	.48- .69- —	1892	Iowa	235	90	M.	72-72-72	1.00-2.00-1.79
1885	Iowa	231	24	M.	72-78-74	1.50-1.50-1.50	1892	Ohio	373	868	M.	(v)	1.00-2.00-1.79
1885	Iowa	231	1	M.	60-60-60	l .83- .83- .83	1892	C. of G'd H.	486	(a)	M.	(a)	1.54-1.54-1.54
1885	Kans.	239	1	M.	(m)	1.50-1.50-1.50	1892	Italy	112	(a)	M.	66-66-66	.90-1.20- —
1885	Mo.	296	227	M.	69-75-73	1.85-2.03-1.96	1892	Netherl'ds	618	(a)	M.	99-99-99	.50- .87- —
1885	Pa.	389	1125	M.	72-102-91	1.00-2.50-2.00	1892	Scotland	632	(a)	M.	63-63-63	.61-1.01- —
1885	Germany	547	(a)	M.	(a)	.62- .82- —	1893	Ill.	10	2	M.	60-84-72	1.20-1.44-1.32
1886	Cal.	193	4	M.	72-72-72	2.11-2.11-2.11	1893	Md.	10	8	M.	60-105-83	1.50-2.33-1.91
1886	Kans.	240	7	M.	98-98-98	1.50-1.64-1.52	1893	Mo.	302	1323	M.	w 27-90-62	.83-2.40-1.90
1886	Canada	468	(a)	M.	72-72-72	1.67-1.67-1.67	1893	Mo.	302	45	M.	(a)	x .15- .19- .18
1886	Germany	175	(a)	(a)	(a)	.83- .83- .83	1893	Mont.	307	7	M.	y 60-64-62	2.50-3.50-2.79
1886	Netherl'ds	456	(a)	(a)	72-82 —	.67- .80- —	1893	N. Y.	10	7	M.	54-84-76	1.33-2.33-1.89
1887	Kans.	241	20	M.	63-91-73	1.50-2.00-1.83	1893	England	583	(a)	M.	(a)	.41- .49- —
1887	Mo.	297	211	M.	n 72-84-73	1.53-2.50-2.00	1893	Netherl'ds	632	(a)	(a)	(a)	.47- .47- .47
1887	Wis.	409	40	M.	(a)	1.80-1.80-1.80	1894	Ohio	374	1	M.	(a)	3.33-3.33-3.33

a Not reported.
b Per mile.
c Not including hours of 537 persons not reported.
d 56-105-75 hours; not including hours of 846 persons not reported.
e 70-112-80 hours; not including hours of 2 persons not reported.
f Not including hours of 151 persons not reported.
g Not including hours of 901 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 18 persons not reported.
j Applies to but 2 of the 4 wage quotations.
k Applies to but 13 of the 14 wage quotations.
l And board.
m 102-102-102 hours.
n Not including hours of 51 persons not reported.
o Not including hours of 1 person not reported.
p Not including hours of 4 persons not reported.
q 65-100-84 hours; not including hours of 1 person not reported.
r Applies to but 25 of the 27 wage quotations.
s 114-114-114 hours.
t And 1 per cent of car receipts.
u Not including hours of 16 persons not reported.
v 60-105-70 hours; not including hours of 35 persons not reported.
w Not including hours of 33 persons not reported.
x Per hour.
y Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONDUCTORS, STREET RAILWAY—Concluded.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Aust-Hun.	434	(a)	M.	60-60-60	0.47-0.61- —	1897 France....	511	(a)	M.	72-84 —	0.64-0.92- —
1894 C.of G'd H.	487	(a)	M.	51-72 —	1.31-2.24- —	1898 Mo.....	306	617	(a)	54-66-63	1.25-2.00-1.74
1894 England ..	590	(a)	(a)	(a)	.41- .91- —	1898 Wash	405	187	(a)	(a)	1.25-2.25-1.95
1894 France....	125	(a)	M.	72-72-72	.80- .80- .80	1898 Algeria ...	512	(a)	M.	c60-60-60	.63- .82- —
1895 Kans	249	10	M.	b69-78-73	1.33-2.15-1.86	1898 England ..	594	(a)	(a)	(a)	.85- .93- —
1895 Mich.....	287	392	M.	(a)	.46-2.47-1.68	1898 France....	512	(a)	M.	72-72-72	.58- .82- —
1895 Wis.....	413	1	(a)	60-60-60	2.00-2.00-2.00	1898 Germany .	151	(a)	(a)	(a)	.63-1.19- —
1895 England ..	591	(a)	M.	(a)	.41-1.14- —	1899 Ala	18	150	M.	(a)	1.50-1.75-1.58
1895 Greece	137	(a)	(a)	(a)	.25- .38- —	1899 Ga	18	201	M.	(a)	1.20-1.80-1.67
1895 Spain	133	(a)	M.	(a)	.50- .50- .50	1899 Mich	291	391	(a)	(a)	1.76-1.76-1.76
1896 Colo	200	150	M.	72-72-72	2.10-2.40-2.32	1899 N. Y	18	450	M.	(a)	1.46-1.75-1.68
1896 Ill	12	1	M.	63-63-63	2.67-2.67-2.67	1899 N. C	18	12	M.	(a)	1.15-1.20-1.17
1896 Kans.....	250	13	M.	57-72-70	1.00-2.08-1.58	1899 Ohio	18	225	(a)	(a)	2.00-2.00-2.00
1896 Md.....	264	582	M.	72-72-72	1.75-2.00-1.76	1899 Va	404	247	(a)	(a)	1.00-2.10-1.50
1896 England ..	592	(a)	M.	(a)	.73- .97- —	1899 France....	158	(a)	M.	72-72-72	.77- .96- —
1896 France....	510	(a)	M.	60-60-60	.77- .77- .77	1900 Ala	18	150	M.	(a)	1.50-1.75-1.58
1896 Mexico ...	184	(a)	M.	c78-78-78	.26- .75- —	1900 Ga	18	215	M.	(a)	1.20-1.80-1.67
1897 Mich.....	289	999	(a)	54-78-58	d .10- .27½-.19	1900 N. Y	18	450	M.	(a)	1.46-1.75-1.68
1897 Aust-Hun.	437	(a)	(a)	60-72 —	.41- .90- —	1900 N. C.....	18	18	M.	(a)	1.15-1.30-1.20
1897 England ..	587	(a)	M.	(a)	.73-1.04- —	1900 Ohio	18	240	(a)	(a)	2.00-2.00-2.00
1897 England ..	679	(a)	(a)	70-70-70	.85- .85- .85						

CONDUCTORS, YARD, RAILROAD.

1875 Pa	380	58	M.	(a)	2.13-2.13-2.13	1888 Ind.	225	455	M.	g56-84-76	1.78-2.79-2.25
1876 Pa	381	8	M.	70-70-70	2.23-2.69-2.29	1889 Ind	226	582	M.	h70-84-79	2.00-2.90-2.33
1877 Pa	382	9	M.	70-70-70	2.11-2.11-2.11	1890 Ind	226	596	M.	i63-84-74	2.12-2.92-2.46
1878 Pa	383	26	M.	e77-77-77	1.89-2.03-1.98	1891 Ind	227	797	M.	63-84-74	1.91-3.00-2.59
1887 Conn	4	3	M.	(a)	1.64-2.47-2.14	1892 Ind	227	941	M.	63-84-73	2.00-3.34-2.80
1887 Md	4	242	M.	(a)	1.10-2.75-2.30	1893 Ind	228	812	M.	70-84-77	2.25-2.95-2.75
1887 Mass.....	4	36	M.	(a)	1.75-2.75-2.36	1894 Ind	228	708	M.	70-84-78	2.41-2.88-2.70
1887 Mich.....	4	36	M.	(a)	1.97-2.50-2.32	1895 Ind	229	643	M.	(a)	2.48-2.88-2.71
1887 N. Y	4	144	M.	(a)	1.32-2.30-2.00	1896 Ind	229	717	M.	(a)	2.25-4.85-2.80
1887 Pa	4	363	M.	f60-60-60	.99-3.65-2.31	1898 Ind	230	694	(a)	70-84-77	2.10-3.00-2.62
1887 Va	4	4	M.	(a)	2.14-2.30-2.18						

CONERS, HATS.

1866 N. J	7	4	M.	(a)	1.53-1.71-1.64	1891 N. Y.....	333	9	M.	(a)	2.13-2.13-2.13
1883 N. J	322	6	M.	60-60-60	2.50-2.50-2.50	1895 N. J	7	12	M.	48-60-59	2.00-2.25-2.19
1884 N. J	7	5	M.	(a)	2.00-2.00-2.00	1896 Conn.....	8	3	M.	60-60-60	2.50-3.30-2.93
1888 N. J	326	49	M.	(a)	2.00-2.25-2.05	1896 Pa	8	2	M.	60-60-60	2.00-2.00-2.00
1890 N. Y.....	333	11	M.	(a)	2.13-2.49-2.18	1898 N. J	329	3	M.	60-60-60	1.83-1.83-1.83

CONERS' HELPERS, HATS.

1896 Conn.....	8	2	M.	60-60-60	1.00-1.25-1.13	1896 Pa	8	2	F.	60-60-60	.83- .83- .83

CONERS, NEEDLES.

1850 Mass	8	6	M.	60-60-60	1.25-1.25-1.25	1895 Mass	8	2	M.	60-60-60	.58- .58- .58

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 1 of the 2 wage quotations.
d Per hour.
e Not including hours of 10 persons not reported.
f Not including hours of 334 persons not reported.
g Not including hours of 39 persons not reported.
h Not including hours of 228 persons not reported.
i Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CONSTRUCTION MEN, RAILROAD.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1881 Ill.	2	100 M.	60-60-60	1.50-1.50-1.50	1886 Ill.	2	150 M.	60-60-60	1.25-1.25-1.25
1882 Ill.	2	540 M.	60-60-60	1.25-1.50-1.38	1893 Mich.	285	16 M.	60-60-60	1.50-2.00-1.53

CONVERTERS' HELPERS, STEEL.

1874	Pa	380	1	M.	(a)	1.50-1.50-1.50	1876	Pa	381	6 M.	(a)	1.50-1.50-1.50

CONVERTERS, STEEL.

1850	England	563	(a)	M.	60-60-60	1.46-1.46-1.46	1874	England	569	(a) M.	60-60-60	.97- .97- .97
(b)	England	561	(a)	(a)	(a)	.85-1.22- —	1876	Pa	381	2 M.	(a)	4.00-4.00-4.00
1860	England	563	(a)	M.	60-60-60	1.50-1.50-1.50	1879	Pa	384	1 M.	60-60-60	2.75-2.75-2.75
1866	England	566	(a)	M.	60-60-60	1.14-1.62- —	1880	Germany	632	(a) M.	(a)	.67- .88- —
(c)	England	567	(a)	M.	60-60-60	1.14-1.62- —	1880	Gr't Brit	632	(a) M.	(a)	1.42-1.42-1.42
1871	England	568	(a)	M.	(a)	1.22-1.42- —	1885	N. Y.	1	16 M.	72-72-72	2.08-2.08-2.08
1872	Pa	185	1	(a)	60-60-60	4.00-4.00-4.00	1885	Pa	1	18 M.	72-72-72	2.85-2.85-2.85
1872	England	185	(a)	M.	(a)	1.21-1.41- —	1887	Ohio	369	2 M.	60-60-60	2.00-2.00-2.00
1874	Pa	380	1	M.	(a)	2.00-2.00-2.00						

CONVEYOR TENDERS, BAKERY.

1895	N. Y.	8	5	M.	60-60-60	.83-1.33-1.23	....	.....	....	....	...	.....	.....

CONVEYOR TENDERS, CLAY AND POTTERY PRODUCTS.

1896	Ohio	8	1	M.	60-60-60	.50- .50- .50	1896	Pa	8	2 M.	60-60-60	1.25-1.25-1.25

COOKS.

1852	Australia	181	(a)	(a)	(a)	d .31- .31- .31	1873	England	177	(a)	(a)	(a)	.27- .40- —
1853	France	113	(a)	M.	(a)	.38- .38- .38	1873	Persia	184	(a)	(a)	(a)	.16- .16- .16
1853	France	113	(a)	F.	(a)	d .08- .14- —	1874	Argentina	169	(a)	(a)	(a)	g .39- .82- —
1859	England	563	(a)	M.	(a)	.49- .49- .49	1874	Scotland	177	(a)	F.	(a)	d .22- .27- —
1860	England	564	(a)	(a)	(a)	.57- .57- .57	1875	France	496	(a)	M.	(a)	.44- .68- —
1861	England	564	(a)	(a)	(a)	.53- .53- .53	1875	France	496	(a)	M.	(a)	d .13- .95- —
1863	England	565	(a)	(a)	(a)	.52- .52- .52	1875	France	496	(a)	F.	(a)	.12- .32- —
1866	England	566	(a)	M.	(a)	.60- .60- .60	1875	Scotland	177	(a)	F.	(a)	d .22- .27- —
1869	Spain	609	(a)	F.	(a)	.10- .20- —	1876	Australia	171	(a)	(a)	(a)	d .43- .87- —
1870	Brazil	610	(a)	F.	(a)	.48- .64- —	1876	France	497	(a)	M.	(a)	.13- .95- —
1870	Egypt	610	(a)	(a)	(a)	e .32- .48- —	1876	France	497	(a)	F.	(a)	.12- .32- —
1870	Norway	610	(a)	M.	(a)	.36- .43- —	1876	Scotland	177	(a)	F.	(a)	d .22- .27- —
1870	Norway	610	(a)	F.	(a)	.13- .19- —	1877	Scotland	177	(a)	F.	(a)	d .22- .27- —
1870	Switzerl'd	610	(a)	M.	(a)	.19- .19- .19	1878	Ohio	360	10	(a)	(a)	.59-1.34- .89
1870	Switzerl'd	610	(a)	F.	(a)	.08- .08- .08	1878	Australia	177	(a)	M.	(a)	.67-2.78- —
1870	Uruguay	610	(a)	(a)	(a)	f .67- .67- .67	1878	Australia	177	(a)	F.	(a)	.47- .80- —
1871	Mass	267	4	M.	(a)	.99-1.32-1.23	1878	Australia	177	(a)	(a)	(a)	.60-1.33- —
1871	Mass	267	1	(a)	(a)	d1.29-1.29-1.29	1878	Canada	177	(a)	M.	(a)	.39-1.81- —
1872	Mass	268	141	F.	(a)	d .76-1.57-1.07	1878	Canada	177	(a)	M.	(a)	d .66-1.32- —
1872	Scotland	185	(a)	F.	(a)	d .27- .27- .27	1878	Canada	177	(a)	F.	(a)	.33- .49- —
1873	Denmark	185	(a)	F.	(a)	d .10- .10- .10	1878	Canada	177	(a)	F.	(a)	d .20- .26- —
1873	England	177	(a)	M.	(a)	.82- .82- .82	1878	England	177	(a)	M.	(a)	.79- .79- .79

a Not reported.
b Average for 1855–57.
c Average for 1867–68.
d And board.
e And house.
f And board and lodging.
g And found.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOKS—Continued.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1878	England	177	(a) (a)	(a)	0.19-0.33- —
1878	England	177	(a) (a)	(a)	b .24- .67- —
1878	France	177	(a) F.	(a)	.14- .23- —
1878	France	177	(a) (a)	(a)	b .10- .26- —
1878	France	498	(a) M.	(a)	.44- .67- —
1878	France	498	(a) M.	(a)	b .13- .95- —
1878	France	498	(a) F.	(a)	.12- .32- —
1878	Germany	177	(a) M.	(a)	b .29- .29- .29
1878	Germany	177	(a) F.	(a)	b .10- .12- —
1878	Germany	177	(a) (a)	(a)	.16- .28- —
1878	Italy	177	(a) F.	(a)	.10- .16- —
1878	Scotland	177	(a) F.	(a)	b .22- .27- —
1878	Scotland	177	(a) (a)	(a)	.21- .33- —
1879	France	499	(a) M.	(a)	.45- .68- —
1879	France	499	(a) F.	(a)	.13- .32- —
1880	N. Y	8	1 M.	72-72-72	1.00-1.00-1.00
1880	France	500	(a) M.	(a)	.48- .69- —
1880	France	500	(a) M.	(a)	b .22- .95- —
1880	France	500	(a) F.	(a)	.14- .32- —
1881	N. Y	3	1 F.	(a)	b .33- .33- .33
1881	Australia	431	(a) (a)	(a)	c .40- .87- —
1881	France	501	(a) M.	(a)	.49-1.45- —
1881	France	501	(a) F.	(a)	.14- .32- —
1882	Ill	206	1 F.	(a)	1.00-1.00-1.00
1882	S. C	3	1 F.	(a)	b .13- .13- .13
1882	France	502	(a) M.	(a)	.49-1.45- —
1882	France	502	(a) F.	(a)	.14- .32- —
1882	Venezuela	39	(a) M.	(a)	.20- .33- —
1882	Venezuela	39	(a) F.	(a)	.10- .10- .10
1883	Mich	277	38 M.	(a)	.65-2.79-1.57
1883	Mich	277	14 (a)	(a)	.29-1.43-1.08
1883	Colombia	42	(a) (a)	(a)	b .20- .39- —
1883	Ecuador	43	(a) (a)	(a)	d .33- .39- —
1883	France	503	(a) M.	(a)	.49-1.16- —
1883	France	503	(a) F.	(a)	.14- .32- —
1883	Ireland	43	(a) F.	(a)	d .19- .27- —
1884	Cal	192	120 M.	84-91-88	b1.15-1.50-1.27
1884	Cal	192	10 F.	91-91-91	b .72- .72- .72
1884	Iowa	231	1 (a)	(e)	1.66-1.66-1.66
1884	Mich	278	14 M.	(a)	.40-2.25-1.21
1884	N. J	323	1 M.	(e)	1.00-1.00-1.00
1884	N. J	323	1 M.	(f)	b .71- .71- .71
1884	Australia	178	(a) M.	(a)	.70-2.26- —
1884	Australia	178	(a) M.	(a)	d .67- .80- —
1884	Australia	178	(a) F.	(a)	.53-1.33- —
1884	Australia	178	(a) F.	(a)	d .40- .40- .40
1884	Aust-Hun	178	(a) M.	(a)	.39- .39- .39
1884	Aust-Hun	178	(a) M.	(a)	c .66-1.32- —
1884	Aust-Hun	178	(a) F.	(a)	c .08- .82- —
1884	Aust-Hun	178	(a) (a)	(a)	c .10- .82- —
1884	Azores	178	(a) (a)	(a)	c .03½-.12- —
1884	Bahamas	178	(a) M.	(a)	.33- .66- —
1884	Bahamas	178	(a) (a)	(a)	.08- .13- —
1884	Belgium	178	(a) M.	(a)	.33-1.62- —
1884	Belgium	178	(a) F.	(a)	c .10- .51- —
1884	Belgium	178	(a) (a)	(a)	.16- .48- —
1884	Brazil	178	(a) M.	(a)	.42- .85- —
1884	Brazil	178	(a) F.	(a)	.28- .64- —
1884	Brazil	178	(a) (a)	(a)	.28- .69- —
1884	Br. Guiana	178	(a) (a)	(a)	.20- .33- —
1884	Br. Hond	178	(a) F.	(a)	b .11- .17- —
1884	Canada	178	(a) M.	(a)	.66-1.48- —
1884	Canada	178	(a) F.	(a)	.21- .46- —
1884	Canada	178	(a) (a)	(a)	.20-1.32- —
1884	Canada	178	(a) (a)	(a)	b .23-1.23- —
1884	Canada	466	(a) F.	72-72-72	b .69- .69- .69
1884	C. of G'd H.	178	(a) (a)	(a)	0.66-1.32- —
1884	Ceylon	178	(a) (a)	(a)	.10- .66- —
1884	Colombia	178	(a) F.	(a)	.05- .16- —
1884	Colombia	178	(a) (a)	(a)	.24- .53- —
1884	Cuba	178	(a) (a)	(a)	.26- .52- —
1884	Cuba	178	(a) (a)	(a)	b .31- .77- —
1884	Denmark	178	(a) M.	(a)	.45- .64- —
1884	Denmark	178	(a) F.	(a)	c .11- .26- —
1884	Ecuador	178	(a) (a)	(a)	.26- .39- —
1884	England	178	(a) M.	(a)	.12-1.11- —
1884	England	178	(a) F.	(a)	.13- .80- —
1884	England	178	(a) F.	(a)	c .21- .71- —
1884	England	178	(a) (a)	(a)	.16- .79- —
1884	England	178	(a) (a)	(a)	c .20- .26- —
1884	France	178	(a) M.	(a)	.32-1.27- —
1884	France	178	(a) F.	(a)	.16- .38- —
1884	France	178	(a) F.	(a)	b .10- .26- —
1884	France	178	(a) (a)	60-60-60	b .17- .25- —
1884	France	504	(a) M.	(a)	.49-1.16- —
1884	France	504	(a) F.	(a)	.14- .32- —
1884	Germany	178	(a) M.	g60-60-60	.23-2.35- —
1884	Germany	178	(a) M.	h60-84 —	c .13-2.35- —
1884	Germany	178	(a) F.	i 60-60-60	.04- .62- —
1884	Germany	178	(a) F.	j 84-112 -	b .02- .66- —
1884	Germany	178	(a) (a)	(a)	.06½-.15- —
1884	Germany	178	(a) (a)	(a)	c .07- .07- .07
1884	Germany	178	(a) (a)	(a)	k .08- .08- .08
1884	Gibraltar	178	(a) M.	(a)	.33- .59- —
1884	Gibraltar	178	(a) M.	(a)	c .49- .82- —
1884	Gibraltar	178	(a) F.	(a)	c .13- .39- —
1884	Hawai. Is	178	(a) M.	(a)	.99-1.97- —
1884	Hawai. Is	178	(a) (a)	(a)	.71-1.00- —
1884	Ireland	178	(a) F.	(a)	b .13- .24- —
1884	Italy	178	(a) M.	(a)	.19-1.00- —
1884	Italy	178	(a) M.	(a)	b .13- .95- —
1884	Italy	178	(a) F.	(a)	b .07½-.40- —
1884	Italy	178	(a) (a)	(a)	c .31- .39- —
1884	Madeira Is	178	(a) M.	(a)	b .26- .26- .26
1884	Madeira Is	178	(a) F.	(a)	b .20- .20- .20
1884	Malta	178	(a) M.	(a)	.32- .64- —
1884	Mexico	178	(a) M.	(a)	.20- .82- —
1884	Mexico	178	(a) M.	(a)	c .39- .49- —
1884	Mexico	178	(a) F.	(a)	.13- .66- —
1884	Mexico	178	(a) F.	(a)	c .13- .33- —
1884	Mexico	178	(a) (a)	(a)	.20-3.29- —
1884	Morocco	178	(a) (a)	(a)	b .16- .49- —
1884	Netherl'ds	178	(a) M.	(a)	.33- .66- —
1884	Netherl'ds	178	(a) M.	(a)	c1.32-1.97- —
1884	Netherl'ds	178	(a) F.	l 77-77-77	c .08- .16- —
1884	Netherl'ds	178	(a) (a)	(a)	c .11- .33- —
1884	N. Zealand	178	(a) (a)	(a)	.69- .69- .69
1884	N. Zealand	178	(a) (a)	(a)	c .80-1.04- —
1884	Persia	178	(a) (a)	(a)	.11- .27- —
1884	Peru	178	(a) M.	(a)	.27- .39- —
1884	Philip. Is.	178	(a) (a)	(a)	d .99-1.32- —
1884	Russia	178	(a) M	(a)	c .32-1.58- —
1884	Russia	178	(a) F.	(a)	c .02½-.39- —
1884	S. Domingo	178	(a) (a)	(a)	.10- .16- —
1884	Scotland	178	(a) M.	(a)	.68-1.60- —
1884	Scotland	178	(a) F.	(a)	.29- .29- .29
1884	Scotland	178	(a) F.	(a)	c .21- .27- —
1884	S'ra Leone	178	(a) M.	(a)	.16- .55- —
1884	Spain	178	(a) M.	(a)	.23-1.64- —
1884	Spain	178	(a) M.	(a)	b .13- .63- —
1884	Spain	178	(a) F.	(a)	b .05- .38- —
1884	Spain	178	(a) (a)	(a)	c .08- .13- —

a Not reported.
b And board.
c And board and lodging.
d And found.
e 105-105-105 hours.
f 112-112-112 hours.

g Applies to but 1 of the 39 wage quotations.
h Applies to but 5 of the 19 wage quotations.
i Applies to but 3 of the 27 wage quotations.
j Applies to but 12 of the 38 wage quotations.
k And Christmas gratuity.
l Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOKS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Switzerl'd.	178	(a) M.	(a)	b0.22-3.17- —
1884 Switzerl'd.	178	(a) F.	(a)	b .11- .44- —
1884 Switzerl'd.	178	(a) (a)	(a)	.25-2.54- —
1884 Turk. in A.	178	(a) (a)	c72-72-72	.15-4.29- —
1884 Venezuela	178	(a) M.	(a)	.49-1.32- —
1884 Venezuela	178	(a) F.	(a)	.13- .26- —
1884 Venezuela	178	(a) (a)	(a)	d .10- .25- —
1884 Wales	178	(a) M.	(a)	.56- .80- —
1884 Wales	178	(a) F.	(a)	b .16- .27- —
1884 Wales	178	(a) (a)	(a)	.16- .20- —
1885 Ill.	3	1 F.	(a)	d1.43-1.43-1.43
1885 Mich	279	9 M.	(a)	.66-1.97-1.37
1885 Mich	279	1 (a)	(a)	.99- .99- .99
1885 N. Y.	7	3 F.	56-56-56	.71-1.00- .86
1885 R. I	7	5 M.	e66-66-66	.71-2.86-1.71
1885 R. I	7	5 F.	f66-66-66	.50-1.71- .90
1885 Australia	175	(a) M.	(a)	d .67-2.26- —
1885 Australia	175	(a) F.	(a)	b .40-1.33- —
1885 Australia	431	(a) (a)	(a)	1.00-1.00-1.00
1885 Australia	431	(a) (a)	(a)	b .60-1.00- —
1885 Canada	460	(a) F.	(a)	.20-1.50- —
1885 Canada	467	(a) F.	71-72 —	d .76- .76- .76
1885 France	113	(a) M.	(a)	.58- .58- .58
1885 France	113	(a) F.	(a)	d .14- .23- —
1885 France	494	(a) F.	(a)	.18- .18- .18
1885 Germany	163	(a) (a)	(a)	.62- .62- .62
1885 Germany	163	(a) (a)	(a)	d .12- .12- .12
1885 Germany	547	(a) M.	(a)	b .78-2.35- —
1885 Germany	547	(a) F.	(a)	b .19- .47- —
1885 N. Zealand	68	(a) M.	(a)	d .52-1.04- —
1885 N. Zealand	68	(a) (a)	(a)	d .49-1.04- —
1886 Cal.	193	1027 M.	(a)	.66-1.00- .87
1886 Cal.	193	295 M.	g84-84-84	d .66-1.50-1.05
1886 Cal.	193	40 F.	(a)	.58- .58- .58
1886 Cal.	193	100 F.	h84-84-84	d .49-1.00- .72
1886 Cal.	193	42 (a)	(a)	1.64-1.64-1.64
1886 Cal.	193	385 (a)	i70-84-75	d .82-2.50-1.65
1886 Ill.	7	2 F.	54-54-54	1.43-1.71-1.57
1886 Ill.	208	2 (a)	70-70-70	1.14-1.14-1.14
1886 Ind	3	1 F.	(a)	d1.43-1.43-1.43
1886 Mass	3	1 F.	98-98-98	d .57- .57- .57
1886 Mont.	3	1 F.	(a)	2.00-2.00-2.00
1886 Argentina	57	(a) M.	(a)	.82-2.63- —
1886 Argentina	57	(a) (a)	(a)	.53- .59- —
1886 Australia	184	(a) M.	(a)	.67- .80- —
1886 Australia	184	(a) F.	(a)	.40-1.00- —
1886 Canada	64	(a) (a)	77-77-77	d .99-1.32- —
1886 Canada	73	(a) F.	(a)	.26- .39- —
1886 Canada	461	(a) F.	(a)	.20-1.32- —
1886 Canada	468	(a) F.	72-73 —	d .56-1.00- —
1886 C. of G'd H.	483	(a) (a)	(a)	d .32-1.60- —
1886 Cuba	175	(a) (a)	(a)	.66- .66- .66
1886 England	70	(a) M.	(a)	.52- .88- —
1886 France	495	(a) M.	(a)	.58- .97- —
1886 Germany	175	(a) (a)	(a)	.07- .16- —
1886 Gr't Brit	604	(a) M.	(a)	j .45-1.07- —
1886 Gr't Brit	604	(a) M.	(a)	k1.11-1.11-1.11
1886 Netherl'ds	456	(a) F.	(a)	j .11- .32- —
1886 Netherl'ds	456	(a) F.	(a)	k1.11-1.11-1.11
1886 S. Salvador	64	(a) (a)	77-77-77	.26- .33- —
1887 Colo	198	1 (a)	(a)	2.41-2.41-2.41
1887 Fla.	4	13 M.	(a)	.49- .75- .60
1887 Kans.	241	1 M.	(a)	2.10-2.10-2.10
1887 Mich	4	40 M.	(a)	.49-2.17-1.01
1887 Mich	4	1 F.	70-70-70	1.00-1.00-1.00
1887 Mo	4	15 M.	(a)	.82-2.00-1.63
1887 Mo	4	8 F.	(a)	0.51-1.15-0.63
1887 Ohio	369	1 M.	70-70-70	1.25-1.25-1.25
1887 Ohio	369	2 F.	70-70-70	.84- .84- .84
1887 Oregon	4	10 M.	(a)	.80- .90- .89
1887 Pa	4	3 M.	(a)	.66-1.32-1.04
1887 Pa	4	1 F.	(a)	1.00-1.00-1.00
1887 Va	4	4 M.	(a)	.66- .66- .66
1887 W. Va	4	1 M.	(a)	.66- .66- .66
1887 W. Va	4	1 F.	(a)	.49- .49- .49
1887 Wis	4	37 M.	(a)	.66-2.47-1.55
1887 Wis	4	2 F.	(a)	.66- .82- .74
1887 Wis	409	4 M.	(a)	1.33-3.84-1.96
1887 Wis	409	1 M.	(a)	d1.00-1.00-1.00
1887 Australia	420	(a) M.	(a)	.69-1.04- —
1887 Australia	420	(a) F.	(a)	.60- .87- —
1887 Australia	420	(a) (a)	(a)	.87-2.67- —
1887 France	495	(a) M.	(a)	.59- .97- —
1887 Gr't Brit	78	(a) M.	(a)	.64- .64- .64
1887 Netherl'ds	598	(a) (a)	(a)	.11- .32- —
1887 Norway	78	(a) M.	(a)	.36- .36- .36
1887 Russia	78	(a) M.	(a)	.32- .38- —
1887 Spain	78	(a) M.	(a)	.58- .58- .58
1888 Iowa	233	1 F.	98-98-98	1.50-1.50-1.50
1888 N. J	326	1 F.	(a)	d .39- .39- .39
1888 N. Y.	331	5 M.	e59-84-71	.82-1.67-1.23
1888 N. Y.	331	4 M.	70-70-70	d1.64-1.64-1.64
1888 N. Y.	331	2 (a)	77-77-77	1.83-1.83-1.83
1888 Australia	83	(a) M.	(a)	b .71-1.07- —
1888 Australia	83	(a) F.	(a)	b .36- .54- —
1888 Australia	83	(a) (a)	(a)	b .29- .62- —
1888 Australia	421	(a) M.	(a)	d .69-1.04- —
1888 Australia	421	(a) F.	(a)	d .60- .87- —
1888 Australia	421	(a) (a)	(a)	d .87-2.67- —
1888 C. of G'd H.	483	(a) (a)	(a)	b .16- .64- —
1888 C. of G'd H.	484	(a) (a)	(a)	.36-2.78- —
1888 C. of G'd H.	484	(a) (a)	(a)	b .48- .56- —
1888 Germany	558	(a) (a)	72-78 —	.23- .23- .23
1889 Kans.	243	1 F.	(a)	.37- .37- .37
1889 Wis	5	3 M.	60-60-60	1.25-1.25-1.25
1889 Algeria	632	(a) (a)	(a)	b .32- .38- —
1889 Australia	422	(a) M.	(a)	b .70-2.09- —
1889 Australia	422	(a) F.	(a)	b .87- .87- .87
1889 Australia	422	(a) (a)	(a)	.64-1.92- —
1889 Australia	422	(a) (a)	(a)	b .40- .67- —
1889 Canada	481	(a) M.	(a)	1.15-1.15-1.15
1889 C. of G'd H.	632	(a) (a)	(a)	2.07-3.45- —
1889 China	88	(a) (a)	(a)	.16- .46- —
1889 England	632	(a) (a)	(a)	b .35-1.04- —
1889 Germany	550	(a) M.	(a)	.94-1.96- —
1889 Germany	550	(a) M.	(a)	b .39-1.53- —
1889 Germany	550	(a) F.	(a)	b .34- .68- —
1889 Italy	95	(a) M.	(a)	.32- .92- —
1889 Italy	95	(a) F.	(a)	.09½-.13- —
1889 Italy	95	(a) (a)	(a)	.26- .39- —
1889 N. Zealand	96	(a) M.	(a)	d .69- .69- .69
1889 N. Zealand	96	(a) (a)	(a)	d .68- .68- .68
1890 Minn.	292	40 M.	(a)	1.15-2.00-1.54
1890 Australia	423	(a) M.	(a)	b .70-2.09- —
1890 Australia	423	(a) F.	(a)	b .87- .87- .87
1890 Australia	423	(a) (a)	48-48-48	.64-2.09- —
1890 Australia	423	(a) (a)	(a)	b .40- .67- —
1890 C. of G'd H.	484	(a) M.	(a)	.63-1.60- —
1890 C. of G'd H.	484	(a) (a)	(a)	.64-2.56- —
1890 C. of G'd H.	486	(a) M.	(a)	.56-1.44- —
1890 C. of G'd H.	486	(a) M.	(a)	d .16-2.56- —
1890 N. Zealand	683	(a) (a)	(a)	d .35-1.04- —

a Not reported.
b And board and lodging.
c Applies to but 2 of the 4 wage quotations.
d And board.
e Not including hours of 1 person not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 195 persons not reported.
h Not including hours of 10 persons not reported.
i Not including hours of 60 persons not reported.
j And food.
k Without food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOKS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Me	257	1 M.	70-70-70	1.35-1.35-1.35
1891 Mich	283	134 F.	(a)	.29-2.57- .62
1891 Minn	191	5 M.	(a)	b1.64-1.97-1.71
1891 Wis	411	33 M.	(a)	.66-1.15- .82
1891 Canada	191	(a) M.	(a)	b .92-1.15- —
1891 China	105	(a) (a)	(a)	.21- .21- .21
1891 England	576	(a) M.	(a)	.38- .42- —
1891 England	587	(a) F.	(a)	b .27- .29- —
1891 France	102	(a) M.	98-98-98	b .95- .95- .95
1891 France	102	(a) F.	98-98-98	c .24- .24- .24
1891 France	522	(a) M.	(a)	.59- .97- —
1891 N. Zealand	667	(a) M.	(a)	b .35-1.04- —
1891 N. Zealand	667	(a) (a)	(a)	b .35-1.04- —
1891 Nicaragua	106	(a) (a)	(a)	.17- .39- —
1891 Scotland	587	(a) F.	(a)	b .28- .28- .28
1892 Cal	196	1 M.	(d)	1.43-1.43-1.43
1892 Ill	210	2 F.	63-63-63	c .82- .82- .82
1892 Me	258	64 F.	e70-70-70	b .36-1.57- .75
1892 Minn	191	5 M.	(a)	b1.64-1.97-1.71
1892 N. Y.	334	1 (a)	72-72-72	2.57-2.57-2.57
1892 N. Y.	334	1 (a)	98-98-98	c .82- .82- .82
1892 Australia	181	(a) (a)	(a)	b1.04-1.04-1.04
1892 Australia	414	(a) (a)	(a)	.70-1.25- —
1892 Australia	414	(a) (a)	(a)	f .70-1.74- —
1892 Australia	414	(a) (a)	(a)	g .80- .80- .80
1892 Australia	424	(a) M.	(a)	c .70-1.39- —
1892 Australia	424	(a) F.	(a)	c .42- .56- —
1892 Australia	424	(a) (a)	48-48-48	.72-1.76- —
1892 Australia	424	(a) (a)	(a)	c .70-1.04- —
1892 Canada	191	(a) M.	(a)	b .95-1.15- —
1892 Canary Is.	617	(a) M.	(a)	b .10- .13- —
1892 C. of G'd H.	486	(a) M.	(a)	.12- .16- —
1892 C. of G'd H.	486	(a) M.	(a)	c .32-3.68- —
1892 France	505	(a) M.	72-72-72	.70-2.90- —
1892 France	505	(a) M.	84-84-84	b .19- .32- —
1882 France	505	(a) M.	84-84-84	c .39- .39- .39
1892 Spain	115	(a) M.	(a)	b .80-1.20- —
1892 Spain	115	(a) F.	(a)	b .14- .20- —
1893 Ill	10	31 M.	h60-98-81	.50-5.00-2.35
1893 Ill	10	3 M.	70-84-79	b .57- .71- .67
1893 Ill	10	19 F.	42-89-69	.57-1.29- .92
1893 Ill	10	22 F.	28-98-73	b .29-1.14- .74
1893 Md	10	6 M.	56-105-82	.21-1.43- .83
1893 Md	10	12 F.	72-105-90	.14- .43- .33
1893 Mich	285	2 M.	70-70-70	.39- .99- .69
1893 Minn	191	5 M.	(a)	b1.32-1.64-1.58
1893 Mont	307	28 M.	i63-81-76	b .49-4.11-2.29
1893 Mont	307	3 F.	(a)	.99- .99- .99
1893 Mont	307	7 F.	j91-95-93	c .66-1.32-1.08
1893 Mont	307	9 (a)	k84-84-84	c1.25-1.43-1.27
1893 N. J	327	31 F.	90-90-90	.59- .59- .59
1893 N. Y.	10	22 M.	(l)	.49-2.14-1.50
1893 N. Y.	10	7 M.	60-100-87	b .71-1.71-1.05
1893 N. Y.	10	9 F.	56-94-76	.50-1.71- .88
1893 Ohio	374	5 M.	84-84-84	2.00-2.00-2.00
1893 Ohio	374	1 M.	70-70-70	b1.40-1.40-1.40
1893 Pa	10	10 M.	(m)	.36-2.29-1.12
1893 Pa	10	11 F.	56-112-78	.36- .93- .58
1893 Pa	10	7 F.	77-84-83	b .50-1.00- .64
1893 Wis	412	20 M.	(a)	b .66-1.32- .89
1893 Aust-Hun	448	(a) M.	(a)	c .29-1.45- —
1893 Aust-Hun	448	(a) F.	(a)	c .17- .87- —
1893 Canada	191	(a) M.	(a)	b .99-1.15- —
1893 Egypt	632	(a) (a)	(a)	0.44-1.59- —
1893 England	583	(a) F.	(a)	c .19- .27- —
1893 Germany	127	(a) M.	(a)	.25- .83- —
1893 N. Zealand	682	(a) M.	(a)	b .52-1.04- —
1893 N. Zealand	682	(a) (a)	(a)	b .35-1.04- —
1894 Ind	228	4 F.	(a)	.71-1.00- .82
1894 Iowa	236	2 M.	84-91-88	1.50-1.71-1.61
1894 Iowa	236	1 F.	84-84-84	.71- .71- .71
1894 Minn	191	6 M.	(a)	b1.48-1.64-1.51
1894 Mont	308	8 M.	(a)	c1.23-1.23-1.23
1894 Ohio	374	128 M.	n84-84-84	1.19-1.53-1.52
1894 Ohio	374	128 F.	84-84-84	.64-1.04- .76
1894 Ohio	374	2 (a)	(a)	1.43-1.57-1.50
1894 Australia	176	(a) (a)	(a)	.72-1.60- —
1894 Australia	416	(a) (a)	(a)	.52-1.74- —
1894 Australia	425	(a) M.	(a)	c .52-2.78- —
1894 Australia	425	(a) F.	(a)	c .42- .93- —
1894 Australia	425	(a) (a)	(a)	.80-1.76- —
1894 Australia	425	(a) (a)	(a)	c .70-1.39- —
1894 Aust-Hun	127	(a) (a)	(a)	.39- .39- .39
1894 Canada	191	(a) M.	(a)	b .99-1.15- —
1894 C. of G'd H.	487	(a) (a)	63-84	c .64-2.78- —
1894 China	186	(a) M.	(a)	.25- .74- —
1894 England	585	(a) F.	(a)	b .27- .29- —
1894 France	127	(a) M.	(a)	.51-1.59- —
1894 France	129	(a) M.	(a)	1.45-1.45-1.45
1894 Ireland	127	(a) M.	(a)	.76- .76- .76
1894 Italy	127	(a) M.	(a)	.51- .51- .51
1894 Scotland	679	(a) F.	(a)	.28- .28- .28
1895 Minn	191	6 M.	(a)	b1.48-1.64-1.51
1895 Mo	304	3 M.	(a)	1.15-1.35-1.28
1895 N. Y.	7	2 F.	56-56-56	1.00-1.00-1.00
1895 N. Y.	8	1 M.	60-60-60	1.29-1.29-1.29
1895 Ohio	376	1 M.	84-84-84	1.66-1.66-1.66
1895 R. I	7	14 M.	54-66-63	.71-3.86-1.70
1895 R. I	7	2 F.	54-60-57	.79-1.43-1.11
1895 Wis	413	1 (a)	84-84-84	1.00-1.00-1.00
1895 Australia	134	(a) M.	(a)	o .67- .80- —
1895 Australia	417	(a) (a)	(a)	.35-1.39- —
1895 Australia	426	(a) M.	(a)	c .52-2.09- —
1895 Australia	426	(a) F.	(a)	c .42- .70- —
1895 Australia	426	(a) (a)	(a)	.80-1.76- —
1895 Australia	426	(a) (a)	(a)	c .70-1.39- —
1895 Australia	585	(a) M.	(a)	1.04-1.12- —
1895 Canada	191	(a) M.	(a)	b .99-1.15- —
1895 Greece	137	(a) (a)	(a)	.22- .43- —
1895 N. Zealand	184	(a) M.	(a)	b .52-1.04- —
1895 N. Zealand	184	(a) (a)	(a)	b .42-1.74- —
1895 Nicaragua	140	(a) M.	(a)	b .33-1.32- —
1895 Nicaragua	140	(a) F.	(a)	b .13- .33- —
1895 Spain	133	(a) M.	(a)	.80-1.20- —
1895 Spain	133	(a) F.	(a)	.14- .20- —
1896 Ala	15	1 M.	(a)	.71- .71- .71
1896 Ala	15	3 F.	(a)	b .10- .10- .10
1896 D. C	15	1 M.	(a)	.64- .64- .64
1896 D. C	15	1 F.	(a)	.64- .64- .64
1896 Fla	15	3 M.	(a)	.86-1.43-1.14
1896 Fla	15	2 F.	(a)	.29- .36- .33
1896 Ga	15	10 M.	(a)	.29-1.65- .85
1896 Ga	15	24 F.	(a)	.07- .57- .30
1896 Ill	7	3 F.	54-54-54	1.43-1.43-1.43
1896 Ill	12	3 M.	98-98-98	1.71-2.57-2.09
1896 Mass	15	3 M.	p75-75-75	.71-1.98-1.42

a Not reported.
b And board.
c And board and lodging.
d 105-105-105 hours.
e Not including hours of 36 persons not reported.
f And found.
g And quarters.
h Not including hours of 6 persons not reported.
i Not including hours of 23 persons not reported.
j Not including hours of 4 persons not reported.
k Not including hours of 8 persons not reported.
l 70-126-90 hours; not including hours of 2 persons not reported.
m 70-100-83 hours; not including hours of 2 persons not reported.
n Not including hours of 3 persons not reported.
o And rations.
p Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOKS—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1896 Minn	191	6 M.	(a)	b1.32-1.48-1.45
1896 Ohio	377	1 M.	84-84-84	2.00-2.00-2.00
1896 Ohio	377	1 F.	63-63-63	1.00-1.00-1.00
1896 S. C	15	2 F.	(a)	.14- .18- .16
1896 Tenn	15	6 M.	(a)	.50-1.43- .99
1896 Tenn	15	7 F.	(a)	.21- .36- .30
1896 Algeria	505	(a) M.	70-70-70	b1.16-1.16-1.16
1896 Australia	184	(a) M.	(a)	b .80- .93- —
1896 Australia	184	(a) M.	(a)	c .67- .80- —
1896 Australia	184	(a) F.	(a)	b .40-1.00- —
1896 Australia	427	(a) M.	(a)	d .52-2.09- —
1896 Australia	427	(a) F.	(a)	d .42- .80- —
1896 Australia	427	(a) (a)	(a)	.80-1.76- —
1896 Australia	427	(a) (a)	(a)	d .70-1.39- —
1896 Belgium	184	(a) M.	(a)	.63- .79- —
1896 Belgium	184	(a) F.	(a)	.29- .38- —
1896 Canada	191	(a) M.	(a)	b .99-1.15- —
1896 France	505	(a) M.	84-84-84	d .63- .76- —
1896 Madagas	184	(a) M.	(a)	.08- .48- —
1896 Madagas	184	(a) F.	(a)	.06½-.32- —
1896 Mexico	184	(a) M.	(a)	.43-1.28- —
1896 Mexico	184	(a) F.	(a)	.15- .25- —
1896 Mexico	184	(a) (a)	(a)	.08- .12- —
1896 Persia	184	(a) (a)	(a)	.18- .18- .18
1896 Portugal	184	(a) M.	(a)	.21- .32- —
1896 Portugal	184	(a) F.	(a)	.16- .21- —
1896 Turkey	184	(a) M.	(a)	.43- .43- .43
1896 Turkey	184	(a) F.	(a)	.18- .18- .18
1897 Kans	251	1 M.	(e)	1.05-1.05-1.05
1897 Kans	251	3 F.	70-91-82	.36- .71- .50
1897 N. Y	337	132 M.	(a)	1.75-2.00-1.91
1897 Australia	418	(a) (a)	(a)	.35-1.39- —
1897 Australia	418	(a) (a)	(a)	f .70- .70- .70
1897 Australia	428	(a) M.	(a)	d .52-2.09- —
1897 Australia	428	(a) F.	(a)	d .42- .93- —
1897 Australia	428	(a) (a)	(a)	.70-1.91- —
1897 Australia	428	(a) (a)	(a)	d .70-1.39- —
1897 C. of G'd H	587	(a) F.	(a)	.64- .72- —
1897 C. of G'd H	587	(a) (a)	(a)	.96- .96- .96
1897 Denmark	492	(a) F.	(a)	b .07½-.15- —
1898 Mass	276	47 F.	61-81-76	.50- .92- .67
1898 Nebr	314	44 M.	70-84-81	.65-4.00-1.57
1898 Nebr	314	33 F.	70-91-82	.20-2.00- .77
1898 Wash	405	153 (a)	(a)	1.11-3.29-1.56
1898 Australia	419	(a) M.	(a)	.70-1.39- —
1898 Australia	419	(a) (a)	(a)	.35-1.39- —
1898 Australia	429	(a) M.	(a)	d .70-1.74- —
1898 Australia	429	(a) F.	(a)	d .52- .93- —
1898 Australia	429	(a) (a)	(a)	.70-2.09- —
1898 Australia	429	(a) (a)	(a)	d .61- .87- —
1898 C. of G'd H	149	(a) (a)	(a)	b1.64-1.64-1.64
1898 England	607	(a) F.	(a)	h .17- .38- —
1898 Gr't Brit	607	(a) F.	(a)	h .11- .33- —
1898 Ireland	607	(a) F.	(a)	h .11- .28- —
1898 N. Zealand	680	(a) M.	60-60-60	1.46-1.46-1.46
1898 Scotland	607	(a) F.	(a)	h .17- .31- —
1899 England	588	(a) (a)	(a)	i .49- .52- —
1899 Germany	163	(a) (a)	(a)	.62- .62- .62
1899 Germany	163	(a) (a)	(a)	b .20- .20- .20
1899 Germany	681	(a) (a)	(a)	d .12- .20- —

COOLERS, CANNED GOODS.

1882	Me	7	4	M.	(a)	.50- .50- .50	1894	Md	8	2	M.	72-72-72	1.50-1.50-1.50
1892	Me	258	83	M.	60-60-60	1.51-1-51-1.51	1894	N. Y	8	1	M.	60-60-60	1.25-1.25-1.25

COOPERS.

1725	England	185	(a)	(a)	(a)	.24- .28- —	1855	England	561	(a)	(a)	(a)	1.25-1.25-1.25
1725	England	185	(a)	(a)	(a)	b.12- .12- .12	1856	N. Y	190	5	M.	72-72-72	1.25-1.54-1.43
1810	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1856	England	561	(a)	(a)	(a)	1.22-1.22-1.22
1811	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1857	N. Y	190	11	M.	72-72-72	1.25-1.54-1.47
1812	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1857	England	561	(a)	M.	(a)	1.05-1.05-1.05
1813	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1857	Ireland	561	(a)	(a)	(a)	1.14-1.14-1.14
1814	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	(j)	Scotland	561	(a)	(a)	(a)	.85- .85- .85
1815	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1858	N. Y	190	8	M.	72-72-72	1.38-1.54-1.44
1816	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1858	England	562	(a)	M.	(a)	1.10-1.10-1.10
1817	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	(k)	Ireland	562	(a)	M.	(a)	.73- .73- .73
1818	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	(l)	Ireland	562	(a)	M.	(a)	1.14-1.14-1.14
1819	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1859	N. Y	190	8	M.	72-72-72	1.38-1.54-1.47
1828	France	498	(a)	M.	(a)	.77-1.16- —	1859	England	561	(a)	(a)	60-60-60	1.50-1.50-1.50
1831	Scotland	572	(a)	(a)	60-60-60	.65- .65- .65	1859	England	562	(a)	M.	58-58-58	1.22-1.22-1.22
1839	England	562	(a)	M.	61-61-61	1.30-1.30-1.30	1860	N. Y	190	9	M.	72-72-72	1.50-1.63-1.52
1840	England	564	(a)	(a)	50-50-50	1.01-1.01-1.01	1860	Ohio	361	1	M.	(a)	1.50-1.50-1.50
1844	N. Y	190	1	M.	(a)	.83- .83- .83	1860	England	564	(a)	(a)	50-60 —	1.01-1.50- —
1849	England	562	(a)	M.	58-58-58	1.46-1.46-1.46	1860	France	609	(a)	(a)	(a)	.77- .77- .77
1850	England	564	(a)	(a)	50-50-50	1.01-1.01-1.01	1860	Germany	185	(a)	M.	(i)	.40- .40- .40
1853	France	113	(a)	M.	(a)	.38- .82- —	1860	Ireland	563	(a)	(a)	60-60-60	.73- .85- —
1855	N. Y	190	2	M.	72-72-72	1.38-1.46-1.42	1861	N. Y	190	11	M.	72-72-72	1.38-1.63-1.50

a Not reported.
b And board.
c And found.
d And board and lodging.
e 129-129-129 hours.
f And keep.
g Average for 1894–98.
h Money wages.
i And extras.
j Average for 1855–57.
k Average for 1856–58.
l Average for 1857–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 England	564	(a) (a)	60-63 —	0.97-1.50- —
1861 Italy	610	(a) M.	(a)	.24- .24- .24
1862 N. Y	190	7 M.	72-72-72	1.50-1.63-1.52
1863 N. Y	190	9 M.	72-72-72	1.50-1.75-1.55
1863 England	565	(a) (a)	(a)	.97-1.50- —
1863 Ireland	565	(a) (a)	b51-51-51	.61-1.22- —
1863 Scotland	575	(a) M.	57-57-57	.89- .89- .89
1864 N. Y	190	10 M.	72-72-72	1.50-2.25-1.98
1864 Germany	185	(a) M.	(a)	.48- .48- .48
1864 Germany	610	(a) M.	(a)	.49- .61- —
1864 Scotland	575	(a) M.	57-57-57	.89- .89- .89
1865 N. Y	190	5 M.	72-72-72	1.50-2.25-2.08
1865 Germany	177	(a) M.	72-72-72	c.16- .16- .16
1865 Germany	185	(a) M.	(a)	.60- .60- .60
1865 Germany	609	(a) (a)	(a)	.97- .97- .97
1865 Scotland	575	(a) M.	57-57-57	.93- .93- .93
1866 N. Y	190	6 M.	72-72-72	2.00-2.25-2.17
1866 England	566	(a) M.	b66-66-66	.89-1.10- —
1866 Germany	177	(a) M.	72-72-72	c.16- .16- .16
1866 Germany	185	(a) M.	(a)	.60- .60- .60
1866 Scotland	566	(a) M.	60-60-60	1.01-1.01-1.01
1866 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1867 N. Y	190	6 M.	72-72-72	2.00-2.75-2.29
1867 Germany	177	(a) M.	72-72-72	c.16- .16- .16
1867 Germany	185	(a) M.	(a)	.60- .60- .60
1867 Scotland	575	(a) M.	57-57-57	.93- .93- .93
1868 N. Y	190	6 M.	72-72-72	2.25-3.00-2.46
(d) England	567	(a) M.	63-72 —	.24-1.22- —
1868 Germany	177	(a) M.	72-72-72	c.16- .16- .16
1868 Germany	185	(a) M.	(a)	.60- .60- .60
1868 Scotland	575	(a) M.	57-57-57	.93- .93- .93
1869 N. Y	190	8 M.	72-72-72	2.00-3.00-2.53
1869 France	609	(a) (a)	(a)	.97- .97- .97
1869 Germany	177	(a) M.	72-72-72	c.16- .16- .16
1869 Germany	609	(a) M.	(a)	.24- .73- —
1869 Greece	609	(a) (a)	(a)	.43- .43- .43
1869 Scotland	575	(a) M.	57-57-57	.93- .93- .93
1869 Turkey	609	(a) (a)	(a)	.24- .34- —
1870 N. Y	190	6 M.	72-72-72	2.25-3.00-2.67
1870 C. of G'd H.	484	(a) M.	(a)	2.43-2.43-2.43
1870 Germany	177	(a) M.	72-72-72	c.20- .20- .20
1870 Germany	185	(a) M.	(a)	.36-1.20- —
1870 Germany	610	(a) M.	72-72-72	.24- .73- —
1870 Germany	610	(a) M.	(a)	e.61- .71- —
1870 Greece	610	(a) (a)	(a)	.86-1.29- —
1870 Italy	610	(a) M.	(a)	.39- .87- —
1870 Netherl'ds	610	(a) M.	72-72-72	.32- .32- .32
1870 Portugal	610	(a) M.	(a)	.24- .30- —
1870 Switzerl'd	610	(a) M.	(a)	.37- .52- —
1870 Switzerl'd	610	(a) M.	(a)	e.13- .22- —
1870 Turkey	610	(a) M.	(a)	.41- .61- —
1871 Mass	267	14 M.	f60-70-63	2.25-3.00-2.61
1871 N. Y	190	7 M.	72-72-72	2.25-3.00-2.71
1871 Brazil	611	(a) M.	60-60-60	.55-1.10- —
1871 England	568	(a) M.	60-72 —	.73-1.22- —
1871 England	629	(a) (a)	g60-60-60	.97-1.34- —
1871 France	611	(a) (a)	(a)	.77-1.93- —
1871 France	712	(a) M.	(a)	.53-1.08- —
1871 Germany	185	(a) M.	(a)	.30- .42- —
1871 Germany	185	(a) M.	(a)	c.18- .30- —
1871 Ireland	568	(a) M.	72-72-72	.81-1.22- —
1871 Netherl'ds	611	(a) M.	60-60-60	.49- .49- .49
1871 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1871 Scotland	629	(a) (a)	(a)	1.01-1.01-1.01
1872 Mass	268	25 M.	60-60-60	2.00-2.00-2.00
1872 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00
1872 N. Y	190	7 M.	72-72-72	2.25-3.00-2.79
1872 Ohio	359	9 M.	(a)	1.50-3.50-2.43
1872 Ohio	361	4 M.	(a)	1.67-3.00-2.54
1872 Belgium	185	(a) (a)	(a)	.80- .80- .80
1872 Canada	185	(a) M.	(a)	1.50-1.50-1.50
1872 England	185	(a) M.	60-72 —	.73-1.21- —
1872 France	185	(a) M.	(a)	.77-1.93- —
1872 Germany	177	(a) M.	72-72-72	c.30- .30- .30
1872 Germany	185	(a) M.	h72-72-72	.60- .72- —
1872 Ireland	185	(a) M.	72-72-72	.81-1.21- —
1872 Netherl'ds	185	(a) (a)	60-60-60	.48- .48- .48
1872 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1873 N. Y	190	12 M.	72-72-72	2.25-3.00-2.88
1873 Pa	379	18 M.	(a)	2.50-3.00-2.83
1873 Aust-Hun	185	(a) M.	(a)	1.00-1.00-1.00
1873 Canada	185	(a) M.	(a)	1.00-2.00- —
1873 Canada	185	(a) M.	(a)	c1.50-1.50-1.50
1873 Denmark	185	(a) (a)	(a)	.85- .85- .85
1873 France	185	(a) M.	(a)	.40-1.00- —
1873 Germany	177	(a) M.	(a)	.44- .44- .44
1873 Germany	177	(a) M.	72-72-72	c.30- .30- .30
1873 Greece	185	(a) (a)	(a)	.75- .90- —
1873 Ireland	185	(a) M.	(a)	.72-1.46- —
1873 Italy	185	(a) M.	(a)	.60- .85- —
1873 Italy	185	(a) M.	(a)	c.60- .60- .60
1873 Jamaica	185	(a) M.	(a)	4.50-4.50-4.50
1873 Russia	185	(a) (a)	(a)	1.30-1.30-1.30
1873 Russia	185	(a) (a)	(a)	c1.25-1.25-1.25
1873 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1873 Sweden	167	(a) M.	72-72-72	.80-1.61- —
1873 Switzerl'd	185	(a) M.	(a)	.38- .80- —
1873 Switzerl'd	185	(a) M.	(a)	e.20- .20- .20
1873 Tripoli	185	(a) (a)	(a)	.52- .52- .52
1873 Tunis	185	(a) (a)	(a)	.60- .60- .60
1874 N. Y	190	8 M.	72-72-72	3.00-3.00-3.00
1874 Pa	380	29 M.	(a)	1.45-2.40-1.92
1874 Br. India	459	(a) (a)	(a)	.21- .21- .21
1874 Canada	185	(a) M.	(a)	1.50-1.75- —
1874 Canada	185	(a) M.	(a)	c1.50-1.50-1.50
1874 England	185	(a) M.	(a)	1.10-1.92- —
1874 England	185	(a) M.	(a)	i.17- .17- .17
1874 England	569	(a) M.	b49-49-49	1.34-1.74- —
1874 France	168	(a) M.	(a)	1.00-1.00-1.00
1874 Germany	168	(a) M.	(a)	.71-1.07- —
1874 Germany	177	(a) M.	(a)	.44- .44- .44
1874 Germany	177	(a) M.	72-72-72	c.36- .36- .36
1874 Germany	185	(a) M.	(a)	.80-1.20- —
1874 Ireland	569	(a) M.	54-54-54	1.22-1.22-1.22
1874 Scotland	177	(a) M.	51-51-51	.88- .96- —
1874 Scotland	185	(a) M.	51-51-51	1.08-1.20- —
1874 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1875 N. Y	190	11 M.	72-72-72	2.00-3.00-2.80
1875 Br. India	459	(a) (a)	(a)	.20- .20- .20
1875 France	177	(a) M.	(a)	.80-1.20- —
1875 France	496	(a) M.	(a)	.48-1.16- —
1875 Germany	169	(a) M.	(a)	.95- .95- .95
1875 Germany	177	(a) M.	(a)	.46- .46- .46
1875 Germany	177	(a) M.	72-72-72	c.36- .36- .36
1875 Norway	684	(a) M.	(a)	.68- .91- —
1875 Norway	686	(a) M.	(a)	.57- .71- —
1875 Scotland	177	(a) M.	51-51-51	.88- .96- —
1875 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1876 N. Y	190	5 M.	72-72-72	3.00-3.00-3.00
1876 Pa	381	22 M.	(a)	1.50-2.00-1.86
1876 Australia	171	(a) M.	(a)	2.92-2.92-2.92
1876 Br. India	459	(a) (a)	(a)	.23- .23- .23
1876 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1876 France	497	(a) M.	(a)	.47-1.16- —

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c And board.
d Average for 1867–68.
e And board and lodging.
f Not including hours of 7 persons not reported.
g Applies to but 2 of the 5 wage quotations.
h Applies to but 1 of the 5 wage quotations.
i Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Germany	177	(a) M.	(a)	0.46-0.46-0.46
1876 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1876 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1877 N. Y.	190	5 M.	72-72-72	3.00-3.00-3.00
1877 Ohio	359	108 M.	(a)	1.00-2.67-1.32
1877 Pa	382	4 M.	60-60-60	1.25-1.25-1.25
1877 Br. India	459	(a) (a)	(a)	.23- .23- .23
1877 England	570	(a) M.	(a)	1.24-1.24-1.24
1877 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1877 Germany	177	(a) M.	(a)	.44- .44- .44
1877 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1877 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1878 N. Y.	190	14 M.	72-72-72	2.75-3.00-2.77
1878 Ohio	360	1 M.	60-60-60	1.00-1.00-1.00
1878 Pa	383	10 M.	(a)	1.44-1.44-1.44
1878 Australia	177	(a) M.	60-60-60	2.43-2.43-2.43
1878 Belgium	177	(a) M.	(a)	1.00-1.00-1.00
1878 Br. India	459	(a) (a)	(a)	.23- .23- .23
1878 Canada	177	(a) M.	(a)	1.25-1.50- —
1878 Denmark	177	(a) M.	(a)	.68- .68- .68
1878 England	177	(a) M.	*b* 54-54-54	1.22-1.52- —
1878 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1878 France	177	(a) M.	(a)	1.17-1.33- —
1878 France	498	(a) M.	(a)	.50- .73- —
1878 Germany	177	(a) M.	(a)	.44- .94- —
1878 Italy	177	(a) M.	(a)	.73- .80- —
1878 Scotland	177	(a) M.	*c* 51-54 —	.92-1.08- —
1878 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1878 Spain	177	(a) M.	*d* 54-54-54	.60-1.00- —
1878 Switzerl'd	177	(a) M.	(a)	.77- .77- .77
1878 Wales	177	(a) M.	(a)	1.12-1.12-1.12
1879 Mo	293	16 M.	45-70-57	.58-2.00-1.23
1879 N. Y.	190	17 M.	72-72-72	2.75-2.75-2.75
1879 Ohio	361	5 M.	(a)	1.00-1.50-1.26
1879 Pa.	384	2 M.	*e* 72-72-72	1.00-1.25-1.13
1879 Br. India	459	(a) (a)	(a)	.23- .23- .23
1879 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1879 France	499	(a) M.	(a)	.50-1.16- —
1879 Germany	545	(a) M.	(a)	.48- .83- —
1879 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1880 N. J.	319	1 (a)	60-60-60	2.00-2.00-2.00
1880 N. Y.	190	10 M.	72-72-72	2.75-2.75-2.75
1880 Ohio	8	2 M.	60-60-60	3.00-3.00-3.00
1880 Pa.	7	10 M.	(a)	1.67-2.33-2.00
1880 Br. India	459	(a) (a)	(a)	.21- .21- .21
1880 England	571	(a) M.	59-59-59	1.62-1.62-1.62
1880 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1880 France	500	(a) M.	(a)	.52-1.16- —
1880 Germany	546	(a) M.	(a)	.48- .95- —
1880 Norway	685	(a) M.	(a)	.43- .67- —
1880 Russia	21	(a) M.	(a)	.96-1.34- —
1880 Scotland	571	(a) M.	*f* 60-60-60	.26-1.42- —
1880 Scotland	575	(a) M.	57-57-57	1.01-1.01-1.01
1880 Switzerl'd	21	(a) (a)	66-66-66	*g* .25- .28- —
1881 Ill.	2	11 M.	60-60-60	2.00-2.00-2.00
1881 Mich	2	20 M.	66-66-66	1.50-1.50-1.50
1881 Minn	2	248 M.	60-60-60	2.00-2.75-2.20
1881 Mo	2	300 M.	59-59-59	2.50-2.75-2.63
1881 N. Y.	190	9 M.	72-72-72	2.00-2.75-2.67
1881 Ohio	2	195 M.	60-60-60	1.64-1.64-1.64
1881 Ohio	363	87 M.	*h* 60-72-67	1.00-2.00-1.57
1881 Australia	431	(a) (a)	(a)	1.95-2.43- —
1881 Br. India	459	(a) (a)	(a)	.20- .20- .20
1881 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1881 France	501	(a) M.	(a)	.52-1.16- —
1881 Germany	178	(a) M.	(a)	.60- .60- .60
1881 Scotland	575	(a) M.	57-57-57	1.05-1.05-1.05
1882 Ill.	2	1092 M.	60-60-60	2.00-2.75-2.32
1882 Ind	2	184 M.	60-60-60	1.25-1.70-1.51
1882 Iowa	2	20 M.	(a)	2.25-2.25-2.25
1882 Minn	2	418 M.	55-60-60	1.75-2.50-2.11
1882 Mo	294	30 M.	60-60-60	1.00-3.00-1.82
1882 N. J.	2	450 M.	60-60-60	1.75-2.50-2.25
1882 N. Y.	2	719 M.	60-60-60	1.75-2.50-2.28
1882 N. Y.	7	4 M.	60-60-60	.92-1.67-1.19
1882 N. Y.	190	8 M.	72-72-72	2.50-2.75-2.69
1882 Ohio	364	205 (a)	*c* 54-75-61	1.00-2.67-1.94
1882 Pa	2	44 M.	60-60-60	2.00-2.50-2.25
1882 Br. India	459	(a) (a)	(a)	.25- .25- .25
1882 Canada	33	(a) (a)	(a)	1.75-2.00- —
1882 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1882 France	502	(a) M.	(a)	.52-1.16- —
1882 Germany	71	(a) M.	60-72 —	.63-1.01- —
1882 Germany	174	(a) (a)	*i* 72-78 —	.48-1.11- —
1882 Germany	554	(a) (a)	54-66 —	.48-1.43- —
1882 Germany	554	(a) (a)	54-60 —	*j* .16- .24- —
1882 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1883 Cal.	2	318 M.	60-60-60	2.75-3.00-2.90
1883 Ind	2	8 M.	60-60-60	1.50-2.00-1.75
1883 Ind	222	1759 M.	(a)	1.00-3.00-1.72
1883 Mass	273	140 M.	(a)	1.17-3.00-2.05
1883 Mich	277	162 M.	(a)	.50-3.00-1.87
1883 Mo	2	440 M.	59-59-59	2.00-2.13-2.07
1883 N. Y.	190	8 M.	72-72-72	2.00-2.75-2.56
1883 Ohio	365	10 M.	48-65-58	1.50-2.50-2.01
1883 Tenn.	2	104 M.	60-60-60	1.05-1.20-1.13
1883 Australia	174	(a) (a)	(a)	1.95-2.43- —
1883 Br. India	459	(a) (a)	(a)	.23- .23- .23
1883 England	572	(a) M.	*k* 60-60-60	1.22-1.70- —
1883 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1883 France	503	(a) M.	(a)	.53-1.16- —
1883 Germany	47	(a) M.	*l* 72-78 —	.71- .95- —
1883 Germany	555	(a) (a)	*n* 60-66 —	.48-1.19- —
1883 Gr't Brit	273	(a) M.	(a)	.97- .97- .97
1883 Scotland	572	(a) M.	*f* 55-60 —	.39-1.26- —
1883 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1884 Cal.	192	5 M.	60-60-60	3.00-3.00-3.00
1884 Cal.	192	25 M.	60-60-60	*g* 2.30-2.30-2.30
1884 Iowa	231	2 M.	*c* 60-60-60	1.71-1.75-1.73
1884 Mich.	278	110 M.	(a)	.85-3.00-1.83
1884 Minn	2	177 M.	55-60-59	2.00-2.25-2.04
1884 Mo	2	400 M.	59-59-59	1.50-1.65-1.58
1884 Mo	295	5 M.	60-60-60	1.33-1.83-1.60
1884 N. J.	323	96 M.	48-60-60	1.67-2.50-2.37
1884 N. Y.	190	6 M.	72-72-72	2.75-2.75-2.75
1884 Australia	178	(a) (a)	48-48-48	1.82-2.43- —
1884 Aust-Hun	178	(a) M.	60-72 —	.47- .80- —
1884 Azores	178	(a) M.	(a)	.43- .52- —
1884 Bahamas	178	(a) M.	(a)	.75-1.00- —
1884 Belgium	178	(a) M.	*o* 60-72 —	.38-1.17- —
1884 Brazil	178	(a) M.	*p* 60-60-60	.42-1.43- —
1884 Br. Guiana	178	(a) M.	66-66-66	.32-1.67- —
1884 Br. Guiana	178	(a) (a)	(a)	*q* 1.20-1.52- —
1884 Br. Hond.	178	(a) (a)	54-54-54	.75-1.60- —
1884 Br. India	459	(a) (a)	(a)	.24- .24- .24
1884 Canada	178	(a) (a)	*r* 60-60-60	1.00-2.67- —

a Not reported.
b Applies to but 3 of the 5 wage quotations.
c Applies to but 4 of the 5 wage quotations.
d Applies to but 2 of the 6 wage quotations.
e Not including hours of 1 person not reported.
f Applies to but 4 of the 6 wage quotations.
g And board.
h Not including hours of 5 persons not reported.
i Applies to but 6 of the 7 wage quotations.
j And board and lodging.
k Applies to but 1 of the 2 wage quotations.
l Applies to but 2 of the 3 wage quotations.
n Applies to but 5 of the 6 wage quotations.
o Applies to but 8 of the 10 wage quotations.
p Applies to but 2 of the 4 wage quotations.
q And lodging.
r Applies to but 22 of the 26 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Canada	466	(a) M.	60-60-60	1.41-1.50- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.33-2.00- —
1884 Ceylon	178	(a) (a)	53-53-53	.28- .38- —
1884 China	134	(a) (a)	(a)	.30- .30- .30
1884 China	178	(a) M.	60-60-60	b .06- .06½- —
1884 Cuba	178	(a) M.	c 59-59-59	.93-2.14- —
1884 Cuba	178	(a) M.	54-54-54	d 1.61-1.61-1.61
1884 Denmark	178	(a) M.	60-60-60	.45-1.34- —
1884 Ecuador	178	(a) M.	60-60-60	1.50-2.00- —
1884 England	178	(a) M.	e 53-57 —	.81-2.40- —
1884 England	178	(a) M.	(a)	f .14- .17- —
1884 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1884 Falkl'd Is.	178	(a) M.	(a)	f .24- .24- .24
1884 France	178	(a) M.	g 60-66 —	.10-1.35- —
1884 France	504	(a) M.	(a)	.53-1.16- —
1884 Germany	178	(a) M.	h 60-72 —	.22-1.19- —
1884 Germany	178	(a) M.	60-60-60	i .68- .73- —
1884 Germany	556	(a) (a)	48-66 —	.48-1.19- —
1884 Gibraltar	178	(a) M.	56-56-56	.83-1.17- —
1884 Ireland	178	(a) M.	j 56-60 —	.81-1.34- —
1884 Italy	178	(a) M.	k 60-72 —	.32- .77- —
1884 Madeira Is	178	(a) M.	54-54-54	1.00-1.00-1.00
1884 Mexico	178	(a) (a)	l 60-60-60	.43-2.00- —
1884 Morocco	178	(a) (a)	60-72 —	.40-2.00- —
1884 Netherl'ds	178	(a) M.	60-63 —	.53- .93- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.95-2.68- —
1884 Peru	178	(a) M.	(a)	1.00-1.50- —
1884 Philip. Is.	178	(a) M.	(a)	1.00-1.67- —
1884 Russia	178	(a) M.	60-72 —	.38- .89- —
1884 Russia	178	(a) M.	72-72-72	m .13- .46- —
1884 Scotland	178	(a) M.	n 51-57 —	.97-1.62- —
1884 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1884 S. Domingo	178	(a) (a)	60-60-60	1.00-1.92- —
1884 S'ra Leone	178	(a) M.	48-48-48	.48- .60- —
1884 Spain	178	(a) M.	o 60-72 —	.40-1.93- —
1884 Switzerl'd.	178	(a) M.	p 66-66-66	.58- .97- —
1884 Switzerl'd.	178	(a) M.	60-66 —	m .16- .39- —
1884 Turkey	178	(a) M.	(a)	.60- .60- .60
1884 Turkey	178	(a) M.	(a)	m .20- .20- .20
1884 Turk. in A.	178	(a) (a)	66-66-66	.82-1.22- —
1884 Venezuela	178	(a) (a)	(a)	4.00-5.00- —
1884 Wales	178	(a) M.	(a)	1.22-1.22-1.22
1885 Cal	1	63 M.	60-60-60	2.25-2.50-2.49
1885 Ga	2	10 M.	60-60-60	2.10-2.10-2.10
1885 Ill	1	14 M.	72-72-72	1.83-3.00-2.05
1885 Ill	2	680 M.	60-60-60	2.75-2.75-2.75
1885 Ind	2	140 M.	60-60-60	1.37-1.60-1.49
1885 Iowa	2	58 M.	60-60-60	1.25-1.50-1.38
1885 Kans	239	4 M.	q 60-60-60	1.00-1.50-1.35
1885 Md	7	3 M.	54-60-56	1.17-1.67-1.50
1885 Mich	279	142 M.	r 66-66-66	.75-3.00-1.95
1885 N. H	2	80 M.	60-60-60	1.80-1.90-1.85
1885 N. J	324	1 M.	60-60-60	2.50-2.50-2.50
1885 N. Y	1	6 M.	60-66-61	1.50-2.00-1.88
1885 N. Y	190	7 M.	72-72-72	1.50-2.75-2.57
1885 Ohio	1	88 M.	72-72-72	1.00-1.50-1.22
1885 Ohio	2	78 M.	60-60-60	1.30-1.55-1.34
1885 Ohio	367	2 M.	60-72-66	1.40-1.43-1.42
1885 Pa	1	47 M.	60-60-60	1.75-1.75-1.75
1885 Va	1	7 M.	60-60-60	1.50-1.50-1.50
1885 Wis	408	1 M.	60-60-60	1.93-1.93-1.93
1885 Australia	175	(a) (a)	(a)	2.43-2.43-2.43
1885 Australia	431	(a) (a)	(a)	2.92-2.92-2.92
1885 Br. India	459	(a) (a)	(a)	.22- .22- .22
1885 Canada	467	(a) M.	60-60-60	1.56-1.58- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1885 France	494	(a) M.	(a)	.65- .97- —
1885 Germany	71	(a) M.	60-72 —	.71- .88- —
1885 Germany	547	(a) M.	(a)	.48- .96- —
1885 N. Zealand	68	(a) M.	(a)	1.70-3.16- —
1885 Norway	686	(a) M.	(a)	.55- .69- —
1885 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1886 Cal	193	75 M.	48-72-60	2.00-3.00-2.91
1886 Cal	193	25 M.	(a)	d 2.30-2.30-2.30
1886 Ill	2	1600 M.	s 55-60-56	1.50-2.90-2.03
1886 Ill	7	1 M.	60-60-60	2.00-2.00-2.00
1886 Ill	208	55 M.	q 48-66-57	1.00-2.50-1.57
1886 Ind	2	26 M.	60-60-60	1.75-2.50-2.33
1886 Iowa	2	60 M.	60-60-60	1.75-2.00-1.88
1886 Iowa	232	46 M.	t 48-66-58	1.00-2.75-1.64
1886 Kans	240	4 M.	u 60-60-60	1.25-1.50-1.38
1886 Minn	2	1124 M.	55-60-57	1.60-2.25-1.70
1886 N. Y	190	6 M.	72-72-72	2.75-2.75-2.75
1886 Ohio	2	1092 M.	54-60-59	1.28-1.93-1.45
1886 Ohio	368	4 M.	(a)	1.41-1.83-1.58
1886 Pa	2	502 M.	60-60-60	1.51-2.00-1.72
1886 Va	2	94 M.	60-60-60	.90-1.00- .95
1886 Wis	2	136 M.	60-60-60	1.50-1.60-1.56
1886 Argentina	57	(a) M.	v 60-60-60	1.40-2.50- —
1886 Australia	184	(a) M.	(a)	2.19-2.43- —
1886 Aust-Hun	60	(a) (a)	(a)	.41- .41- .41
1886 Br. India	459	(a) (a)	(a)	.23- .23- .23
1886 Canada	468	(a) M.	57-59 —	1.37-1.61- —
1886 C. of G'd H.	486	(a) (a)	(a)	1.22-1.74- —
1886 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1886 England	604	(a) M.	w 60-60-60	1.30-1.66- —
1886 France	495	(a) M.	(a)	.65- .97- —
1886 Germany	548	(a) (a)	(a)	.60-1.59- —
1886 Germany	548	(a) (a)	(a)	i .95- .95- .95
1886 Gr't Brit	602	(a) M.	(a)	1.26-1.26-1.26
1886 Ireland	575	(a) M.	54-54-54	1.22-1.22-1.22
1886 Ireland	604	(a) M.	60-60-60	1.41-1.41-1.41
1886 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1886 Scotland	604	(a) M.	x 60-60-60	1.05-1.25- —
1886 Switzerl'd.	709	(a) (a)	(a)	.39- .77- —
1887 Kans	241	1 M.	(a)	1.50-1.50-1.50
1887 Me	253	2 M.	66-84-75	1.17-2.00-1.59
1887 Md	4	11 M.	(a)	1.53-2.30-1.78
1887 Mass	4	8 M.	(a)	1.67-2.25-2.08
1887 Mich	4	3 M.	(a)	1.25-1.50-1.33
1887 Mich	4	1 M.	(a)	f .15- .15- .15
1887 Mo	4	2 M.	(a)	1.92-1.92-1.92
1887 N. Y	4	23 M.	(a)	1.40-2.30-1.62
1887 N. Y	190	6 M.	72-72-72	2.75-3.00-2.79
1887 N. C	342	1 M.	66-66-66	.83- .83- .83
1887 Ohio	2	353 M.	60-60-60	1.19-1.19-1.19
1887 Ohio	369	1727 M.	48-66-57	.50-2.85-1.86
1887 Oregon	4	2 M.	(a)	2.49-2.59-2.54
1887 Pa	4	6 M.	(a)	1.34-2.30-1.74

a Not reported.
b And provisions.
c Applies to but 2 of the 3 wage quotations.
d And board.
e Applies to but 17 of the 52 wage quotations.
f Per hour.
g Applies to but 7 of the 11 wage quotations.
h Applies to but 52 of the 62 wage quotations.
i And lodging.
j Applies to but 7 of the 9 wage quotations.
k Applies to but 16 of the 22 wage quotations.
l Applies to but 2 of the 6 wage quotations.
m And board and lodging.
n Applies to but 6 of the 9 wage quotations.
o Applies to but 16 of the 17 wage quotations.
p Applies to but 2 of the 7 wage quotations.
q Not including hours of 1 person not reported.
r Not including hours of 4 persons not reported.
s Not including hours of 141 persons not reported.
t Not including hours of 33 persons not reported.
u Not including hours of 2 persons not reported.
v Applies to but 2 of the 4 wage quotations.
w Applies to but 1 of the 11 wage quotations.
x Applies to but 4 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Wis	4	1 M.	(a)	1.60-1.60-1.60
1887 Wis	409	381 M.	(a)	1.20-2.50-1.96
1887 Australia	420	(a) (a)	(a)	1.62-2.23- —
1887 Australia	420	(a) (a)	(a)	b.30½-.30½-.30½
1887 Br. India	459	(a) (a)	(a)	.20- .20- .20
1887 Canada	469	(a) M.	58-58-58	1.37-1.38- —
1887 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1887 England	622	(a) M.	(a)	1.09-1.09-1.09
1887 France	495	(a) M.	(a)	.65- .97- —
1887 Germany	557	(a) (a)	c 60-66 —	.48-1.59- —
1887 Germany	557	(a) (a)	(a)	d .89-1.78- —
1887 Ireland	575	(a) M.	54-54-54	1.22-1.22-1.22
1887 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1888 Iowa	233	2 M.	60-60-60	1.40-1.40-1.40
1888 Kans	242	2 M.	(a)	2.50-2.50-2.50
1888 Me	254	6 M.	48-72-66	1.00-1.75-1.36
1888 Mich	280	10 M.	48-60-58	1.61-2.88-2.14
1888 N. J	326	4 (a)	60-60-60	2.50-3.00-2.63
1888 N. Y	190	6 M.	72-72-72	2.75-3.00-2.79
1888 N. Y	331	1241 M.	e 44-70-58	1.00-3.50-2.37
1888 N. C	343	3 M.	f 60-60-60	1.00-1.50-1.25
1888 Ohio	370	1707 M.	(a)	1.00-2.25-1.86
1888 Australia	421	(a) M.	(a)	1.62-2.23- —
1888 Australia	421	(a) M.	(a)	b.30½-.30½-.30½
1888 Aust-Hun	447	(a) M.	(a)	.08½-.57- —
1888 Br. India	459	(a) (a)	(a)	.19- .19- .19
1888 Canada	470	(a) M.	59-59-59	1.58-1.58-1.58
1888 C. of G'd H.	483	(a) (a)	(a)	1.62-1.62-1.62
1888 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1888 Germany	558	(a) (a)	g 60-78 —	.48-2.12- —
1888 Germany	558	(a) (a)	(a)	d .93- .93- .93
1888 Ireland	575	(a) M.	54-54-54	1.22-1.22-1.22
1888 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1889 Me	255	1 M.	72-72-72	1.50-1.50-1.50
1889 N. Y	190	6 M.	72-72-72	2.75-3.00-2.79
1889 N. C	344	1 M.	(a)	.67- .67- .67
1889 Ohio	5	3 M.	60-60-60	1.50-1.50-1.50
1889 Ohio	366	6 M.	55-55-55	1.58-1.58-1.58
1889 Australia	422	(a) (a)	44-44-44	2.23-2.23-2.23
1889 Br. India	459	(a) (a)	(a)	.18- .18- .18
1889 Canada	471	(a) M.	59-59-59	1.38-1.54- —
1889 Canada	481	(a) M.	(a)	2.00-2.00-2.00
1889 China	88	(a) (a)	(a)	.30- .30- .30
1889 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1889 England	576	(a) M.	60-60-60	1.22-1.22-1.22
1889 Germany	550	(a) M.	h 72-72-72	.48-1.19- —
1889 Ireland	575	(a) M.	54-54-54	1.22-1.22-1.22
1889 Italy	95	(a) (a)	(a)	.60- .60- .60
1889 Netherl'ds	516	(a) M.	(a)	.67- .94- —
1889 N. Zealand	96	(a) M.	(a)	2.43-2.43-2.43
1889 Norway	518	(a) (a)	(a)	.69- .69- .69
1889 Portugal	691	(a) (a)	(a)	.06½-1.08- —
1889 Scotland	575	(a) M.	57-57-57	1.09-1.09-1.09
1889 Scotland	632	(a) (a)	57-57-57	1.18-1.18-1.18
1890 Kans	244	42 M.	(a)	1.60-2.50-2.06
1890 Mich	282	41 M.	60-60-60	.75-3.00-1.46
1890 Minn	292	75 M.	(a)	1.50-3.00-2.15
1890 Nebr	313	3 M.	(a)	2.00-2.75-2.42
1890 N. Y	190	6 M.	72-72-72	2.75-3.00-2.79
1890 N. Y	333	379 M.	(a)	.50-3.50-2.02
1890 Ohio	371	189 (a)	i 48-69-58	1.00-3.00-2.02
1890 Australia	423	(a) (a)	4 4-44-44	2.23-2.23-2.23
1890 Br. India	459	(a) (a)	(a)	.23- .23- .23
1890 C. of G'd H.	485	(a) (a)	(a)	1.46-2.43- —
1890 England	575	(a) M.	54-54-54	1.34-1.34-1.34
1890 England	576	(a) M.	60-60-60	1.42-1.42-1.42
1890 Ireland	575	(a) M.	54-54-54	1.22-1.22-1.22
1890 Netherl'ds	666	(a) M.	(a)	.47-1.61- —
1890 Norway	686	(a) M.	(a)	.59- .66- —
1890 Portugal	691	(a) (a)	(a)	.08½- .76- —
1890 Scotland	575	(a) M.	57-57-57	1.18-1.18-1.18
1890 Scotland	632	(a) (a)	56-56-56	1.22-1.22-1.22
1890 Spain	632	(a) (a)	(a)	1.16-1.16-1.16
1891 Mo	300	3 M.	(a)	2.07-2.94-2.41
1891 N. Y	190	7 M.	72-72-72	2.00-3.00-2.68
1891 N. Y	333	448 M.	(a)	.50-3.00-2.04
1891 Ohio	372	904 M.	48-72-59	1.25-2.75-1.84
1891 Australia	134	(a) M.	(a)	2.15-2.15-2.15
1891 Belgium	457	(a) M.	j 66-66-66	.39- .58- —
1891 Br. India	459	(a) (a)	(a)	.20- .20- .20
1891 China	105	(a) (a)	(a)	.25- .25- .25
1891 England	576	(a) M.	j 53-53-53	1.09-1.22- —
1891 France	505	(a) M.	k 66-84 —	.83-1.54- —
1891 France	505	(a) M.	77-77-77	l 2.07-2.07-2.07
1891 France	522	(a) M.	(a)	.65- .97- —
1891 Germany	11	(a) (a)	(a)	.68- .68- .68
1891 Germany	551	(a) (a)	(a)	.60-1.25- —
1891 Ireland	576	(a) M.	(a)	1.30-1.30-1.30
1891 Italy	638	(a) M.	54-54-54	.19-1.06- —
1891 N. Zealand	667	(a) (a)	(a)	1.46-2.92- —
1891 Scotland	576	(a) M.	57-57-57	1.18-1.18-1.18
(m) Switzerl'd	595	(a) M.	(a)	1.09-1.09-1.09
1892 Cal	196	39 M.	n 54-60-57	1.50-4.17-2.70
1892 Ind	227	164 M.	54-60-56	1.16-1.73-1.37
1892 Mo	301	891 M.	o 60-60-60	1.25-3.00-1.79
1892 N. Y	20	5 M.	54-54-54	2.75-2.75-2.75
1892 N. Y	190	7 M.	60-60-60	2.75-2.75-2.75
1892 Ohio	373	4 (a)	57-58-57	2.00-2.50-2.25
1892 Algeria	505	(a) M.	74-74-74	d .77- .77- .77
1892 Algeria	505	(a) M.	70-70-70	l 1.25-1.35- —
1892 Australia	424	(a) M.	(a)	1.62-2.84- —
1892 Br. India	459	(a) (a)	(a)	.18- .18- .18
1892 C. of G'd H.	486	(a) M.	(a)	1.22-2.43- —
1892 England	111	(a) (a)	(a)	.97- .97- .97
1892 England	577	(a) M.	p 53-54 —	1.22-1.72- —
1892 England	632	(a) M.	j 53-53-53	1.01-1.22- —
1892 France	505	(a) M.	q 51-84 —	.48-1.35- —
1892 France	505	(a) M.	57-72 —	r .36- .77- —
1892 France	505	(a) M.	60-84 —	l .39-1.06- —
1892 France	505	(a) M.	(a)	s .58- .77- —
1892 Germany	184	(a) M.	(a)	.98- .98- .98
1892 Ireland	577	(a) M.	60-60-60	1.22-1.22-1.22
1892 Ireland	632	(a) M.	54-54-54	1.30-1.30-1.30
1892 Italy	112	(a) M.	66-66-66	.50- .75- —
1892 Russia	692	(a) (a)	(a)	.40- .96- —
1892 Scotland	577	(a) M.	t 57-57-57	.73-1.35- —
1892 Scotland	632	(a) M.	56-60 —	.81-1.62- —
1892 Spain	115	(a) M.	(a)	.15- .25- —
1893 Ill	10	9 M.	48-65-58	1.17-3.00-2.07
1893 Md	10	51 M.	60-72-61	.67-2.50-1.57
1893 Mich	285	1 M.	72-72-72	1.50-1.50-1.50
1893 Mont	307	2 M.	54-59-57	u 2.00-3.00-2.50

a Not reported.
b Per hour.
c Applies to but 10 of the 17 wage quotations.
d And lodging.
e Not including hours of 111 persons not reported.
f Not including hours of 2 persons not reported.
g Applies to but 26 of the 28 wage quotations.
h Applies to but 2 of the 4 wage quotations.
i Not including hours of 20 persons not reported.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 5 of the 6 wage quotations.
l And *gratifications*.
m Average for 1888–91.
n Not including hours of 1 person not reported.
o Not including hours of 641 persons not reported.
p Applies to but 5 of the 11 wage quotations.
q Applies to but 59 of the 60 wage quotations.
r And heat.
s And lodging, light, and fuel.
t Applies to but 1 of the 5 wage quotations.
u And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 N. Y.	10	13	M.	52-66-61	0.83-3.00-1.85
1893 N. Y	20	3	M.	54-54-54	2.75-2.75-2.75
1893 Ohio	374	911	M.	*a*36-69-55	.75-3.00-1.64
1893 Pa	10	7	M.	54-60-59	1.25-3.00-2.05
1893 Australia	415	(*b*)	(*b*)	(*b*)	*c*.24½-.24½-.24½
1893 Aust-Hun	448	(*b*)	M.	72-72-72	.27- .60- —
1893 Aust-Hun	448	(*b*)	M.	72-72-72	*d*.20- .40- —
1893 Br. India	459	(*b*)	(*b*)	(*b*)	.14- .15- —
1893 England	578	(*b*)	M.	(*b*)	1.22-2.03- —
1893 England	583	(*b*)	M.	(*b*)	*c*.14- .16- —
1893 France	507	(*b*)	(*b*)	60-72 —	.77-1.16- —
1893 Germany	11	(*b*)	M.	(*b*)	.83- .83- .83
1893 Germany	127	(*b*)	M.	(*b*)	.59- .59- .59
1893 Gr't Brit	578	(*b*)	M.	54-63 —	1.22-1.54- —
1893 Ireland	578	(*b*)	M.	45-54 —	1.01-1.30- —
1893 Italy	639	(*b*)	M.	54-54-54	.24-1.35- —
1893 N. Zealand	682	(*b*)	(*b*)	(*b*)	1.22-2.92- —
1893 Russia	632	(*b*)	(*b*)	(*b*)	.14- .19- —
1893 Switzerl'd	632	(*b*)	M.	60-60-60	.87- .87- .87
1893 Switzerl'd	709	(*b*)	(*b*)	60-60-60	.77- .77- .77
1893 Switzerl'd	709	(*b*)	(*b*)	60-60-60	*d*.29- .29- .29
1894 Ind	228	75	M.	55-60-57	1.16-1.82-1.35
1894 Iowa	236	43	M.	*e*54-72-61	.67-2.50-1.41
1894 Me	260	1	M.	60-60-60	1.75-1.75-1.75
1894 N. H	316	12	M.	58-84-62	.83-3.00-1.69
1894 N. Y	20	3	M.	54-54-54	2.75-2.75-2.75
1894 N. C	8	3	M.	60-60-60	.75- .75- .75
1894 Ohio	374	1	M.	(*b*)	4.83-4.83-4.83
1894 Ohio	375	839	M.	*f*42-72-58	.75-3.50-1.68
1894 W. Va	406	2	M.	60-60-60	1.00-1.46-1.23
1894 Australia	425	(*b*)	(*b*)	(*b*)	2.03-3.24- —
1894 Br. India	459	(*b*)	(*b*)	(*b*)	.11- .12- —
1894 Canada	187	(*b*)	M.	60-60-60	1.67-1.67-1.67
1894 C. of G'd H.	487	(*b*)	M.	48-54 —	1.22-2.43- —
1894 France	129	(*b*)	M.	(*b*)	.87-1.54- —
1894 France	508	(*b*)	M.	60-60-60	1.06-1.16- —
1894 Germany	11	(*b*)	(*b*)	(*b*)	1.52-1.52-1.52
1894 Japan	647	(*b*)	M.	(*b*)	.11- .31- —
1894 Spain	632	(*b*)	(*b*)	(*b*)	1.06-1.25- —
1895 Kans	249	21	M.	*g*36-60-52	.50-2.75-1.13
1895 Md	7	7	M.	54-60-57	.83-2.00-1.42
1895 Mo	304	14	M.	(*b*)	1.56-3.00-2.50
1895 N. J	8	47	M.	60-60-60	2.50-3.20-2.81
1895 N. Y	7	3	M.	60-60-60	1.50-2.33-1.94
1895 N. Y	8	238	M.	60-60-60	1.00-3.00-1.33
1895 N. Y	20	3	M.	54-54-54	2.75-2.75-2.75
1895 N. C	7	2	M.	60-60-60	1.25-1.25-1.25
1895 N. C	8	2	M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	808	M.	*h*36-72-56	1.00-2.66-1.71
1895 W. Va	7	1	M.	59-59-59	1.50-1.50-1.50
1895 Wis	413	40	(*b*)	*e*36-66-58	.50-2.50-1.49
1895 Australia	426	(*b*)	(*b*)	(*b*)	2.03-3.24- —
1895 Aust-Hun	435	(*b*)	M.	66-66-66	.49- .58- —
1895 Br. India	459	(*b*)	(*b*)	(*b*)	.12- .13- —
1895 Canada	187	(*b*)	M.	*i*54-72 —	1.17-2.50- —
1895 England	591	(*b*)	M.	(*b*)	1.37-1.46- —
1895 France	513	(*b*)	M.	(*b*)	.74- .74- .74
1895 Greece	137	(*b*)	(*b*)	(*b*)	.11- .33- —
1895 Japan	145	(*b*)	(*b*)	(*b*)	.13- .13- .13
1895 Japan	648	(*b*)	M.	(*b*)	.14- .25- —
1895 N. Found	187	(*b*)	M.	54-54-54	1.50-1.50-1.50
1895 N. Zealand	184	(*b*)	M.	(*b*)	1.46-2.92- —
1895 Norway	687	(*b*)	M.	(*b*)	.65- .68- —
1895 Norway	690	(*b*)	M.	(*b*)	.67- .67- .67
1895 Scotland	586	(*b*)	M.	(*b*)	1.23-1.32- —
1895 Scotland	591	(*b*)	M.	(*b*)	1.01-1.05- —
1895 Spain	133	(*b*)	M.	(*b*)	.15- .25- —
1895 Switzerl'd	710	(*b*)	(*b*)	*j*60-60-60	.87- .89- —
1895 Switzerl'd	710	(*b*)	(*b*)	*j*60-60-60	*d*.32- .39- —
1896 Colo	200	14	M.	60-60-60	2.75-2.88-2.82
1896 Ga	15	1	M.	(*b*)	1.33-1.33-1.33
1896 Ill	7	3	M.	60-60-60	2.00-2.29-2.19
1896 Kans	250	9	M.	*e* 36-60-53	.75-2.25-1.11
1896 Mo	305	395	M.	48-72-59	1.00-2.62-1.87
1896 Nebr	314	33	M.	*k* 48-60-59	1.90-3.00-2.61
1896 N. Y	7	9	M.	60-60-60	1.50-1.83-1.65
1896 N. C	350	1	M.	60-60-60	1.50-1.50-1.50
1896 Ohio	377	773	M.	48-72-56	1.00-2.50-1.63
1896 Pa	7	23	M.	60-60-60	1.00-2.50-1.78
1896 Tenn	15	1	M.	(*b*)	1.50-1.50-1.50
1896 Algeria	505	(*b*)	M.	(*b*)	.97-1.16 —
1896 Algeria	505	(*b*)	M.	(*b*)	*c*.09½- .11½- —
1896 Australia	184	(*b*)	M.	(*b*)	1.70-2.19- —
1896 Australia	427	(*b*)	(*b*)	(*b*)	1.62-2.43- —
1896 Aust-Hun	436	(*b*)	(*b*)	66-66-66	.56- .56- .56
1896 Belgium	184	(*b*)	(*b*)	(*b*)	.86- .86- .86
1896 Br. Guiana	184	(*b*)	M.	(*b*)	.32-1.33- —
1896 Br. India	459	(*b*)	(*b*)	(*b*)	.12- .13- —
1896 Canada	482	(*b*)	(*b*)	(*b*)	2.00-3.00- —
1896 C. of G'd H.	184	(*b*)	M.	(*b*)	2.16-2.64- —
1896 Corsica	505	(*b*)	M.	(*b*)	.63- .63- .63
1896 Corsica	505	(*b*)	M.	(*b*)	*c*.07- .07- .07
1896 France	505	(*b*)	M.	(*b*)	.39-1.16- —
1896 France	505	(*b*)	M.	(*b*)	*c*.04- .11½- —
1896 France	505	(*b*)	M.	(*b*)	*d*.11- .23- —
1896 Germany	560	(*b*)	M.	60-60-60	1.07-1.07-1.07
1896 Japan	649	(*b*)	M.	(*b*)	.16- .29- —
1896 Russia	184	(*b*)	(*b*)	(*b*)	.47- .57- —
1896 Scotland	592	(*b*)	M.	(*b*)	1.16-1.32- —
1897 Kans	251	14	M.	*l* 30-70-49	.86-2.57-1.69
1897 Mich	289	106	M.	(*b*)	1.10-1.86-1.50
1897 Nebr	314	20	M.	(*b*)	2.45-2.45-2.45
1897 N. Y	337	649	M.	*n* 54-60-59	1.00-3.00-2.42
1897 Ohio	377	2	M.	(*b*)	2.00-2.00-2.00
1897 Va	404	103	M.	48-72-60	1.00-2.75-1.60
1897 Australia	418	(*b*)	(*b*)	(*b*)	*c*.24½-.24½-.24½
1897 Australia	428	(*b*)	(*b*)	(*b*)	1.42-2.43- —
1897 Aust-Hun	437	(*b*)	(*b*)	66-66-66	.69- .73- —
1897 Aust-Hun	437	(*b*)	(*b*)	60-66 —	*o* .69-1.02- —
1897 England	593	(*b*)	(*b*)	(*b*)	1.14-1.38- —
1897 France	511	(*b*)	M.	60-60-60	.58- .68- —
1897 Ireland	593	(*b*)	(*b*)	(*b*)	1.09-1.36- —
1897 Japan	650	(*b*)	M.	(*b*)	.17- .35- —
1898 Kans	252	5	M.	42-60-56	*c*.15- .29- .19
1898 Mich	290	92	M.	(*b*)	1.03-2.06-1.88
1898 N. Y	338	722	M.	*p* 59-60-59	1.50-3.50-2.61
1898 Australia	419	(*b*)	(*b*)	(*b*)	*q*1.01-1.01-1.01
1898 Australia	429	(*b*)	(*b*)	(*b*)	1.42-2.64- —
1898 Aust-Hun	438	(*b*)	(*b*)	54-66 —	.67- .77- —
1898 Denmark	493	(*b*)	M.	*j* 60-60-60	.80-1.21- —
1898 France	512	(*b*)	M.	66-66-66	1.16-1.16-1.16
1898 Scotland	594	(*b*)	(*b*)	(*b*)	1.30-1.49- —
1899 Mass	18	48	M.	59-59-59	2.50-5.83-3.67
1899 N. Y	18	42	M.	48-48-48	1.00-1.83-1.38
1899 N. C	353	1	M.	60-60-60	1.50-1.50-1.50
1899 Wales	588	(*b*)	(*b*)	(*b*)	1.28-1.34- —
1900 Mass	18	48	M.	59-59-59	2.50-5.83-3.67
1900 N. Y	18	42	M.	48-48-48	1.04-1.92-1.42

a Not including hours of 92 persons not reported.
b Not reported.
c Per hour.
d And board and lodging.
e Not including hours of 1 person not reported.
f Not including hours of 55 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 180 persons not reported.
i Applies to but 4 of the 5 wage quotations.
j Applies to but 1 of the 2 wage quotations.
k Not including hours of 16 persons not reported.
l Not including hours of 5 persons not reported.
n Not including hours of 488 persons not reported.
o And lodging.
p Not including hours of 617 persons not reported.
q And found.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COOPERS' HELPERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1871 Mass	267	1 M.	63-63-63	1.00-1.00-1.00
1874 Ala	185	1 M.	72-72-72	1.50-1.50-1.50
1884 England	178	(a) M.	54-54-54	.81- .89- —
1885 Va	1	5 M.	60-60-60	.50- .50- .50
1888 N. Y.	331	1 M.	60-60-60	1.54-1.54-1.54
1892 N. Y.	20	1 M.	60-60-60	2.00-2.00-2.00
1893 N. Y.	20	1 M.	60-60-60	2.00-2.00-2.00
1894 N. Y.	20	1 M.	60-60-60	2.00-2.00-2.00
1895 N. Y.	20	1 M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	32 M.	54-60-60	1.16-1.25-1.24
1895 Canada	187	(a) M.	60-60-60	1.00-1.00-1.00

COPIERS, LACE GOODS.

1896	Pa	394	7	M.	45-60-47	.50- .69- .58	....	.....	....	....	...	.....	.....

COPPER DRESSERS.

1884	Mich	278	5	M.	(a)	1.92-2.88-2.47	1888	Mich	280	6	M.	60-60-60	.77-2.30-1.71

COPPERSMITHS.

1821	Ireland	572	(a)	(a)	(a)	.85- .85- .85	1870	Turk. in A.	610	(a)	M.	(a)	.23- .46- —
1822	Ireland	572	(a)	(a)	(a)	.85- .85- .85	1871	Mass	267	4	M.	(a)	2.15-2.15-2.15
1823	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1871	Brazil	611	(a)	M.	60-60-60	1.64-2.19- —
1824	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1871	England	629	(a)	(a)	(a)	1.70-1.70-1.70
1825	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1871	Germany	185	(a)	M.	(a)	.40-1.00- —
1826	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1871	Scotland	629	(a)	(a)	57-57-57	1.14-1.14-1.14
1827	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1872	Belgium	185	(a)	M.	(a)	.43- .96- —
1828	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1872	Belgium	456	(a)	M.	(a)	.56- .56- .56
1829	Ireland	572	(a)	(a)	(a)	.81- .81- .81	1872	England	185	(a)	(a)	54-54-54	1.53-1.53-1.53
1830	Ireland	572	(a)	(a)	(a)	.73- .73- .73	1872	Germany	185	(a)	M.	(a)	.61-1.20- —
1831	Ireland	572	(a)	(a)	(a)	.73- .73- .73	1872	Germany	185	(a)	M.	(a)	*f* .30- .30- .30
1832	Ireland	572	(a)	(a)	(a)	.73- .73- .73	1873	Aust-Hun	711	(a)	M.	(a)	*e* .09½-.09½-.09½
1833	Ireland	572	(a)	(a)	(a)	.73- .73- .73	1873	Belgium	456	(a)	M.	(a)	.58- .58- .58
1834	Ireland	572	(a)	(a)	(a)	.73- .73- .73	1873	England	185	(a)	M.	(a)	1.35-1.35-1.35
(*b*)	Germany	609	(a)	(a)	(a)	.26- .26- .26	1873	Gr't Brit	185	(a)	M.	(a)	1.37-1.37-1.37
(*c*)	Germany	609	(a)	(a)	(a)	.30- .30- .30	1873	Sweden	167	(a)	M.	72-72-72	.80- .96- —
1853	France	609	(a)	(a)	(a)	.87- .87- .87	1873	Switzerl'd	714	(a)	M.	63-66 —	.73- .87- —
1855	N. Y.	8	4	M.	60-60-60	1.75-1.75-1.75	1874	Pa	380	7	M.	(a)	2.60-3.33-2.70
1857	Ireland	561	(a)	(a)	(a)	1.22-1.22-1.22	1874	Belgium	456	(a)	M.	(a)	.65- .65- .65
1858	Ireland	563	(a)	(a)	63-63-63	.89- .89- .89	1874	Canada	185	(a)	M.	60-60-60	3.33-3.33-3.33
(*d*)	Germany	609	(a)	(a)	(a)	.43- .43- .43	1874	Scotland	177	(a)	M.	51-51-51	1.17-1.21- —
1859	Ireland	563	(a)	(a)	63-63-63	.93- .93- .93	1874	Scotland	185	(a)	M.	51-51-51	1.37-1.37-1.37
1860	England	563	(a)	M.	(a)	1.22-1.22-1.22	1875	Pa	380	54	M.	(a)	1.66-2.30-1.74
1860	France	609	(a)	(a)	(a)	.77- .97- —	1875	Belgium	456	(a)	M.	(a)	.61- .61- .61
1860	Ireland	563	(a)	(a)	63-63-63	.97- .97- .97	1875	France	177	(a)	M.	(a)	.90-1.80- —
1865	Germany	609	(a)	(a)	(a)	.18- .18- .18	1875	Scotland	177	(a)	M.	51-51-51	1.17-1.21- —
1866	Germany	609	(a)	(a)	(a)	.21- .21- .21	1876	Pa	381	32	M.	*g* 48-60-57	.67-3.25-2.23
1866	Scotland	566	(a)	M.	57-57-57	.97- .97- .97	1876	Australia	171	(a)	M.	(a)	*e* .32- .36- —
1867	Germany	609	(a)	(a)	(a)	.24- .24- .24	1876	Belgium	456	(a)	M.	(a)	.62- .62- .62
1868	Italy	185	(a)	M.	(a)	.20- .40- —	1876	Scotland	177	(a)	M.	51-51-51	1.17-1.21- —
1869	France	609	(a)	(a)	(a)	*e* .09½-.11½- —	1877	Ohio	359	1	M.	(a)	2.50-2.50-2.50
1869	Germany	609	(a)	M.	(a)	.24- .73- —	1877	Pa	382	15	M.	*h* 48-60-54	1.83-3.25-2.39
1869	Greece	609	(a)	(a)	(a)	.43- .52- —	1877	Pa	382	3	M.	(a)	*e* .22½-.22½-.22½
1869	Turk. in A.	609	(a)	(a)	(a)	.37- .49- —	1877	Belgium	456	(a)	(a)	(a)	.61- .61- .61
1870	England	177	(a)	M.	61-61-61	.96-1.31- —	1877	Germany	177	(a)	M.	(a)	.71- .79- —
1870	Germany	610	(a)	M.	72-72-72	.24- .73- —	1877	Scotland	177	(a)	M.	51-51-51	1.17-1.21- —
1870	Germany	610	(a)	M.	78-78-78	*f* .81- .81- .81	1877	Scotland	570	(a)	M.	51-51-51	1.14-1.14-1.14
1870	Italy	610	(a)	M.	(a)	.58- .77- —	1878	Ohio	360	2	M.	*i* 60-60-60	1.75-2.00-1.88
1870	Netherl'ds	610	(a)	M.	66-66-66	.34- .34- .34	1878	Pa	383	7	M.	*i* 48-54-51	2.25-3.25-2.44
1870	Persia	610	(a)	M.	(a)	.12- .12- .12	1878	Belgium	177	(a)	M.	(a)	1.00-1.00-1.00

a Not reported.
b Average for 1830–39.
c Average for 1840–49.
d Average for 1850–59.
e Per hour.
f And board and lodging.
g Not including hours of 13 persons not reported.
h Not including hours of 5 persons not reported.
i Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COPPERSMITHS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Belgium ..	456	(a) M.	(a)	0.57-0.57-0.57
1878 Denmark .	177	(a) M.	(a)	.64- .64- .64
1878 England ..	177	(a) M.	b54-54-54	1.23-1.48- —
1878 Germany .	177	(a) M.	(a)	.55- .83- —
1878 Italy	177	(a) M.	(a)	.65- .65- .65
1878 Scotland ..	177	(a) M.	c51-54 —	1.17-1.26- —
1878 Switzerl'd.	177	(a) M.	(a)	.77- .77- .77
1879 Pa	384	18 M.	d57-60-58	1.77-3.25-2.19
1879 Belgium ..	456	(a) M.	(a)	.53- .53- .53
1879 Germany .	545	(a) M.	63-63-63	.56- .83- —
1880 Belgium ..	456	(a) M.	(a)	.54- .54- .54
1880 England ..	571	(a) M.	54-54-54	.90-1.38- —
1880 Germany .	546	(a) M.	(a)	.60-1.07- —
1881 Australia..	431	(a) (a)	(a)	e .26½-.30½- —
1881 Belgium ..	456	(a) M.	(a)	.57- .57- .57
1881 Germany..	178	(a) M.	(a)	.71- .83- —
1882 Ill.....	206	9 M.	60-60-60	2.05-2.05-2.05
1882 Mo.....	294	6 M.	60-60-60	2.00-3.00-2.54
1882 Ohio	364	2 (a)	60-60-60	2.50-2.50-2.50
1882 Belgium ..	456	(a) M.	(a)	.56- .56- .56
1882 Germany..	174	(a) (a)	72-72-72	.60- .95- —
1882 Germany..	554	(a) (a)	60-63 —	.60-1.43- —
1882 Germany..	554	(a) (a)	63-63-63	f .99- .99- .99
1883 Mass	273	60 M.	(a)	2.25-3.50-2.63
1883 Ohio	365	1 M.	60-60-60	2.25-2.25-2.25
1883 Belgium ..	456	(a) M.	(a)	.59- .59- .59
1883 Germany..	555	(a) (a)	60-63 —	.54-1.59- —
1884 Cal.....	192	5 M.	60-60-60	3.00-3.00-3.00
1884 Mich.....	278	3 M.	(a)	2.50-2.88-2.71
1884 N. J	323	44 M.	60-60-60	2.00-2.00-2.00
1884 Pa	388	35 M.	(a)	2.37-2.37-2.37
1884 Aust-Hun .	178	(a) M.	60-72 —	.36-1.13- —
1884 Aust-Hun .	178	(a) M.	66-66-66	g .36- .72- —
1884 Belgium ..	178	(a) M.	60-60-60	.48-1.42- —
1884 Belgium ..	456	(a) M.	(a)	.60- .60- .60
1884 Brazil.....	178	(a) M.	60-63 —	.86-3.44- —
1884 Canada ...	466	(a) M.	54-59 —	1.74-3.38- —
1884 C. of G'd H.	178	(a) (a)	(a)	2.43-2.43-2.43
1884 Ceylon	178	(a) (a)	(a)	1.30-1.30-1.30
1884 Denmark .	178	(a) M.	60-60-60	.70- .87- —
1884 England ..	178	(a) M.	(a)	1.33-1.33-1.33
1884 France....	178	(a) M.	h60-60-60	.48-1.40- —
1884 Germany..	178	(a) M.	i60-72 —	.50-1.19- —
1884 Germany..	556	(a) (a)	51-66 —	.56-1.43- —
1884 Gibraltar..	178	(a) M.	54-54-54	1.33-2.17- —
1884 Italy	178	(a) M.	j60-72 —	.36-1.61- —
1884 Malta	178	(a) M.	60-60-60	1.03-1.22- —
1884 Netherl'ds	178	(a) M.	63-63-63	.64- .92- —
1884 Persia.....	178	(a) M.	(a)	.20- .32- —
1884 Russia	178	(a) M.	k68-68-68	.38- .96- —
1884 Scotland ..	178	(a) M.	54-72 —	1.31-1.42- —
1884 Spain	178	(a) M.	57-60 —	.77-2.17- —
1884 Switzerl'd.	178	(a) M.	l60-65 —	.62-1.45- —
1884 Turk. in A.	178	(a) (a)	66-66-66	1.02-1.63- —
1884 Wales	178	(a) M.	n54-54-54	.97-1.46- —
1885 Mich.....	279	6 M.	(a)	2.00-2.70-2.41
1885 N. Y.....	1	1 M.	60-60-60	3.00-3.00-3.00
1885 Pa	7	2 M.	60-60-60	2.00-2.00-2.00
1885 Pa	389	106 M.	(a)	2.42-2.42-2.42
1885 Australia..	175	(a) (a)	(a)	1.94-2.92- —
1885 Australia..	431	(a) M.	(a)	e.26½-.30½- —
1885 Aust-Hun .	652	(a) M.	(a)	.64- .64- .64
1885 Belgium ..	456	(a) M.	(a)	.57- .57- .57
1885 Canada ...	467	(a) M.	49-55 —	1.58-1.70- —
1885 Germany..	71	(a) M.	60-72 —	.83- .95- —
1885 Germany..	547	(a) M.	(a)	.60-1.07- —
1885 Germany..	547	(a) M.	(a)	e .07-.09½- —
1886 Cal.....	193	5 M.	60-60-60	3.00-3.00-3.00
1886 Ill	2	5 M.	60-60-60	2.25-2.25-2.25
1886 Ill	208	3 M.	54-54-54	2.00-2.00-2.00
1886 Ohio	368	1 M.	(a)	2.56-2.56-2.56
1886 Aust-Hun .	60	(a) (a)	(a)	.56- .56- .56
1886 Aust-Hun .	632	(a) M.	(a)	.63- .63- .63
1886 Belgium ..	456	(a) M.	(a)	.58- .77- —
1886 Canada ...	468	(a) M.	65-65-65	1.79-1.79-1.79
1886 C. of G'd H.	483	(a) (a)	(a)	2.43-2.43-2.43
1886 England ..	604	(a) M.	o54-54-54	1.20-1.48- —
1886 Germany..	548	(a) (a)	(a)	.48-1.59- —
1886 Gr't Brit ..	632	(a) M.	54-54-54	1.23-1.23-1.23
1886 Scotland ..	604	(a) M.	(a)	1.24-1.26- —
1886 Wales	604	(a) M.	54-54-54	1.54-1.54-1.54
1887 Conn.....	4	2 M.	(a)	2.13-2.75-2.44
1887 Conn.....	202	27 M.	(a)	1.72-1.72-1.72
1887 Fla.....	4	1 M.	(a)	3.00-3.00-3.00
1887 Md.....	4	9 M.	(a)	1.50-2.55-2.28
1887 Mass	4	4 M.	(a)	2.25-3.00-2.50
1887 Mich.....	4	3 M.	60-60-60	2.25-2.50-2.33
1887 Mich.....	4	1 M.	(a)	e .26- .26- .26
1887 N. J	4	5 M.	(a)	2.00-2.50-2.22
1887 N. Y.....	4	10 M.	(a)	1.75-2.50-2.19
1887 N. Y.....	331	4 M.	59-59-59	2.50-2.50-2.50
1887 Ohio	369	115 M.	48-60-56	1.75-2.83-2.22
1887 Pa.....	4	17 M.	p60-60-60	1.80-2.85-2.36
1887 Wis	409	6 M.	(a)	2.05-2.05-2.05
1887 Australia..	420	(a) (a)	48-48-48	2.43-2.92- —
1887 Aust-Hun .	632	(a) M.	(a)	.60- .75- —
1887 Germany..	557	(a) (a)	45-60 —	.55-1.59- —
1888 Colo.....	198	20 M.	(a)	2.21-3.00-2.54
1888 N. J	326	3 M.	(a)	1.90-1.90-1.90
1888 N. Y.....	331	77 M.	p53-60-58	2.00-4.25-2.79
1888 N. Y.....	331	10 M.	(a)	e.33½-.33½-.33½
1888 N. C.....	343	1 M.	60-60-60	1.00-1.00-1.00
1888 Australia..	421	(a) M.	48-48-48	1.95-2.43- —
1888 Australia..	432	(a) M.	(a)	2.43-2.60- —
1888 Canada ...	470	(a) M.	64-64-64	1.83-1.83-1.83
1888 Germany..	558	(a) (a)	q57-60 —	.60-1.66- —
1889 N. C.....	344	1 M.	60-60-60	1.00-1.00-1.00
1889 Australia..	422	(a) (a)	48-48-48	2.19-2.43- —
1889 China.....	88	(a) (a)	(a)	.30- .30- .30
1889 Germany..	550	(a) M.	r 72-72-72	.95-1.19- —
1889 Portugal ..	691	(a) M.	(a)	.08½-2.16- —
1890 Mich.....	282	3 M.	60-60-60	2.00-2.75-2.42
1890 N. Y.....	333	72 M.	(a)	1.17-3.75-2.50
1890 Australia..	423	(a) (a)	48-48-48	2.19-2.43- —
1890 Aust-Hun .	109	(a) M.	(a)	.47- .47- .47
1890 C. of G'd H.	485	(a) (a)	(a)	2.43-2.43-2.43
1890 Gr't Brit ..	632	(a) M.	54-54-54	1.37-1.37-1.37
1890 Netherl'ds	666	(a) M.	60-60-60	.76- .76- .76
1890 Netherl'ds	666	(a) M.	(a)	e .05½-.07- —
1891 N. Y.....	333	89 M.	(a)	1.17-4.00-2.44
1891 Belgium ..	457	(a) M.	63-63-63	.16- .60- —
1891 France....	505	(a) M.	60-77 —	.97-1.74- —
1891 Germany..	11	(a) (a)	(a)	.76- .76- .76
1891 Germany..	551	(a) (a)	(a)	.65-1.19- —
1891 Italy	638	(a) M.	(a)	.35-1.12- —
1892 Australia .	424	(a) M.	(a)	2.11-2.84- —

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Applies to but 3 of the 4 wage quotations.
d Not including hours of 5 persons not reported.
e Per hour.
f And board and lodging.
g And lodging.
h Applies to but 2 of the 6 w ige quotations.
i Applies to but 20 of the 24 wage quotations.
j Applies to but 4 of the 10 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 8 of the 10 wage quotations.
n Applies to but 1 of the 4 wage quotations.
o Applies to but 3 of the 5 wage quotations.
p Not including hours of 13 persons not reported.
q Applies to but 9 of the 10 wage quotations.
r Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COPPERSMITHS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1892 C. of G'd H.	486	(a) M.	(a)	4.87-4.87-4.87
1892 Denmark	595	(a) M.	(a)	.90- .90- .90
1892 England	578	(a) M.	53-53-53	1.40-1.40-1.40
1892 England	632	(a) (a)	(a)	b .18½-.20½ —
1892 France	505	(a) M.	48-72 —	.53-1.35- —
1892 Russia	692	(a) (a)	(a)	.32-1.93- —
1892 Scotland	632	(a) M.	54-54-54	1.28-1.46- —
1893 Ill	10	3 M.	50-60-56	1.00-2.67-1.89
1893 Md	10	9 M.	c 60-60-60	1.25-3.00-2.25
1893 Mich	285	3 M.	60-60-60	2.00-2.50-2.33
1893 Mont	307	3 M.	c 48-54-51	2.00-3.00-2.47
1893 N. Y	10	1 M.	60-60-60	1.33-1.33-1.33
1893 Ohio	374	59 M.	48-60-59	2.00-3.35-2.80
1893 Pa	10	1 M.	60-60-60	1.67-1.67-1.67
1893 Aust-Hun	448	(a) M.	60-60-60	.47-1.22- —
1893 Aust-Hun	448	(a) M.	60-60-60	d .14- .27- —
1893 England	589	(a) M.	53-54 —	.81-1.58- —
1893 Germany	560	(a) M.	(a)	b .09½-.10½- —
1893 Ireland	589	(a) M.	54-54-54	1.46-1.46-1.46
1893 N. Zealand	668	(a) M.	(a)	2.43-2.56- —
1893 Scotland	589	(a) M.	54-54-54	1.22-1.46- —
1893 Wales	589	(a) M.	51-54 —	1.22-1.70- —
1894 Iowa	236	1 M.	54-54-54	2.75-2.75-2.75
1894 N. H	316	1 M.	64-64-64	3.00-3.00-3.00
1894 Ohio	374	1 M.	(a)	2.17-2.17-2.17
1894 Ohio	375	87 M.	e 54-60-57	1.75-2.75-2.42
1894 Australia	416	(a) (a)	(a)	b .24½-.24½-.24½
1894 Australia	425	(a) (a)	(a)	1.95-2.64- —
1894 England	127	(a) M.	53-54 —	1.28-1.36- —
1894 France	127	(a) M.	60-60-60	1.16-1.16-1.16
1894 France	129	(a) M.	f 60-60-60	1.29-1.49- —
1894 Germany	127	(a) M.	g 60-60-60	.70-1.20- —
1894 Italy	127	(a) M.	(a)	.67- .67- .67
1894 Netherl'ds	127	(a) M.	65-65-65	.94- .94- .94
1894 Netherl'ds	184	(a) (a)	(a)	b .06½-.06½-.06½
1894 N. Zealand	669	(a) M.	(a)	2.19-2.56- —
1894 Scotland	127	(a) M.	54-54-54	b .15½-.15½-.15½
1894 Spain	133	(a) (a)	(a)	.68-1.25- —
1895 Ohio	376	8 M.	60-60-60	1.75-2.75-2.50
1895 Australia	417	(a) (a)	(a)	b .24½-.24½-.24½
1895 Australia	426	(a) (a)	(a)	1.95-2.64- —
1895 France	509	(a) M.	60-60-60	1.16-1.16-1.16
1895 N. Zealand	670	(a) M.	(a)	2.31-2.56- —
1895 Spain	133	(a) M.	(a)	.40- .60- —
1896 N. Y	14	14 M.	54-60-59	2.50-2.99-2.68
1896 Ohio	377	13 M.	48-60-58	1.50-3.00-2.48
1896 Pa	14	60 M.	60-60-60	3.00-3.00-3.00
1896 Algeria	505	(a) M.	(a)	.97-1.16- —
1896 Algeria	505	(a) M.	(a)	b .09½-.11½- —
1896 Australia	427	(a) (a)	(a)	2.03-2.64- —
1896 Aust-Hun	436	(a) (a)	57-66 —	.49- .75- —
1896 Corsica	505	(a) M.	(a)	.77- .77- .77
1896 Corsica	505	(a) M.	(a)	b .07½-.07½-.07½
1896 France	505	(a) M.	(a)	.53-1.54- —
1896 France	505	(a) M.	(a)	b .05- .15½- —
1896 France	505	(a) M.	(a)	d .37- .37- .37
1896 Germany	560	(a) M.	60-60-60	.95-1.19- —
1896 N. Zealand	671	(a) M.	(a)	2.31-2.56- —
1896 Scotland	592	(a) M.	(a)	1.37-1.46- —
1897 N. Y	337	17 M.	(a)	2.25-2.78-2.63
1897 Va	404	44 M.	60-60-60	2.00-2.25-2.02
1897 Australia	428	(a) (a)	(a)	2.03-2.56- —
1897 Aust-Hun	437	(a) (a)	60-60-60	.73- .85- —
1897 England	593	(a) (a)	(a)	1.54-1.63- —
1897 N. Zealand	672	(a) M.	(a)	2.19-2.56- —
1897 Scotland	593	(a) (a)	(a)	1.46-1.51- —
1898 Nebr	314	1 (a)	48-48-48	3.00-3.00-3.00
1898 N. Y	338	33 M.	54-54-54	2.50-3.50-2.75
1898 Australia	429	(a) (a)	(a)	2.03-2.56- —
1898 Denmark	493	(a) M.	(a)	.94-1.34- —
1898 England	594	(a) (a)	(a)	1.50-1.54- —
1898 N. Zealand	673	(a) M.	(a)	2.11-2.56- —
1898 N. Zealand	680	(a) M.	(a)	1.69-1.69-1.69
1898 Scotland	594	(a) (a)	(a)	1.51-1.55- —
1899 N. Zealand	674	(a) M.	(a)	2.19-2.56- —
1899 Uruguay	157	(a) (a)	(a)	2.00-2.50- —

COPPERSMITHS' HELPERS.

1855	N. Y	8	1	M.	60-60-60	1.00-1.00-1.00	1887	N. Y	4	4	M.	(a)	1.25-1.40-1.31
1871	England	185	(a)	M.	(a)	.81- .81- .81	1887	Pa	4	3	M.	h 60-60-60	1.20-1.50-1.32
1872	Germany	185	(a)	M.	(a)	.48- .48- .48	1888	N. Y	331	12	M.	i 53-59-54	1.25-1.67-1.56
1877	Pa	382	2	M.	48-48-48	1.50-1.50-1.50	1890	N. Y	333	5	M.	(a)	.50-1.67-1.05
1883	Mass	273	21	M.	(a)	1.50-1.83-1.61	1890	Gr't Brit	632	(a)	M.	(a)	.83- .83- .83
1883	Germany	47	(a)	(a)	69-69-69	.83- .83- .83	1891	N. Y	333	14	M.	(a)	.50-1.83-1.29
1884	Persia	178	(a)	(a)	(a)	.24- .32- —	1892	France	505	(a)	M.	60-72 —	.29- .63- —
1884	Scotland	178	(a)	M.	54-54-54	.63- .63- .63	1895	France	509	(a)	M.	60-60-60	.68- .68- .68
1884	Spain	178	(a)	M.	57-57-57	.77- .77- .77	1896	N. Y	14	2	M.	54-54-54	2.50-2.50-2.50
1885	Mich	279	4	M.	(a)	.60-1.25- .96	1896	Ohio	377	1	M.	60-60-60	.55- .55- .55
1887	Fla	4	2	M.	(a)	1.00-1.75-1.38							

COPY HOLDERS.

1863	England	565	(a)	(a)	(a)	1.58-1.58-1.58	1883	Ireland	572	(a)	M.	57-57-57	.30- .30- .30
1877	England	570	(a)	M.	(a)	.22- .26- —	1883	Scotland	572	(a)	M.	54-54-54	.16- .16- .16
1877	Ireland	570	(a)	M.	56-56-56	.16- .16- .16	1884	England	178	(a)	M.	53-53-53	.49- .81- —
1880	England	571	(a)	M.	54-54-54	.28- .28- .28	1885	N. Y	7	4	M.	59-59-59	.58-1.17- .77

a Not reported.
b Per hour.
c Not including hours of 1 person not reported.
d And board and lodging.
e Not including hours of 7 persons not reported.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 7 of the 9 wage quotations.
h Not including hours of 2 persons not reported.
i Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COPY HOLDERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	330	7 F.	a54-60-58	1.00-1.50-1.21
1885 S. C.	7	1 F.	59-59-59	1.00-1.00-1.00
1890 Ill.	19	8 F.	(b)	.83-1.67- .98
1890 N. Y.	333	5 M.	(b)	1.00-1.00-1.00
1891 Ill.	19	6 F.	(b)	.83-1.67-1.14
1891 N. Y.	333	5 M.	(b)	1.00-1.00-1.00
1892 Ill.	19	6 F.	59-60-59	1.00-2.00-1.17
1893 Ill.	19	6 F.	59-60-59	.83-2.50-1.22
1894 Ind.	228	1 F.	59-59-59	.83- .83- .83
1894 Australia..	425	(b) (b)	(b)	.41-1.22- —
1895 N. Y.	7	6 M.	59-59-59	0.67-0.92-0.79
1895 N. Y.	8	1 M.	48-48-48	1.00-1.00-1.00
1895 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1895 S. C.	7	1 F.	59-59-59	.58- .58- .58
1895 Australia..	426	(b) (b)	(b)	.41-1.62- —
1896 Ga.	7	1 F.	54-54-54	1.25-1.25-1.25
1896 N. Y.	7	2 F.	59-59-59	.67-2.00-1.34
1896 Australia..	427	(b) (b)	(b)	.61-1.62- —
1897 Australia..	428	(b) (b)	(b)	.61-1.62- —
1898 Australia..	429	(b) (b)	(b)	.61-1.62- —

CORDERS, BOOTS AND SHOES.

1884 N. J.	323	2	F.	60-60-60	1.60-1.60-1.60	1891 Me.	257	11	(b)	(b)	1.47-1.47-1.47
1885 N. J.	324	2	F.	60-60-60	1.60-1.60-1.60	1892 Ill.	210	2	F.	56-56-56	.80-1.38-1.09
1885 Pa.	1	20	M.	60-60-60	1.60-1.60-1.60	1892 Me.	258	7	F.	(b)	.67-1.08- .83
1886 N. J.	325	10	F.	60-60-60	.67-1.33- .91	1894 N. Y.	8	1	F.	60-60-60	.83- .83- .83
1891 Me.	257	1	F.	60-60-60	.65- .65- .65						

CORE MAKERS.

1840 England..	564	(b)	F.	36-48 —	.24- .41- —	1873 N. J.	317	10	M.	(b)	3.33-5.00-4.00
1845 England..	8	(b)	M.	60-60-60	.20- .20- .20	1873 N. Y.	190	2	M.	60-60-60	1.75-1.84-1.80
1849 England..	563	(b)	M.	(b)	.73- .81- —	1873 Pa.	190	21	M.	60-60-60	1.50-1.80-1.63
1850 Mass.	8	2	F.	66-66-66	.75- .75- .75	1873 England..	185	(b)	M.	(b)	1.17-1.25- —
1850 England..	564	(b)	F.	36-48 —	.24- .41- —	1873 Switzerl'd.	714	(b)	(b)	63-63-63	.56- .59- —
1854 Pa.	190	3	M.	60-60-60	1.10-1.10-1.10	1874 N. H.	190	3	M.	72-72-72	.75-1.50-1.21
1855 Pa.	190	5	M.	60-60-60	1.10-1.10-1.10	1874 N. Y.	190	2	M.	60-60-60	1.75-1.84-1.80
1856 Pa.	190	12	M.	60-60-60	1.10-1.34-1.22	1874 Pa.	190	12	M.	60-60-60	1.60-1.60-1.60
1857 Pa.	190	8	M.	60-60-60	1.10-1.34-1.22	1875 N. H.	190	4	M.	60-60-60	.75-1.50-1.00
1858 Pa.	190	13	M.	60-60-60	1.20-1.34-1.23	1875 N. Y.	190	1	M.	60-60-60	1.84-1.84-1.84
1859 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1875 Pa.	190	8	M.	60-60-60	1.40-1.40-1.40
1859 Pa.	190	10	M.	60-60-60	1.20-1.34-1.24	1876 N. H.	190	1	M.	72-72-72	.75- .75- .75
1859 England..	563	(b)	M.	58-58-58	.81- .89- —	1876 Pa.	190	6	M.	60-60-60	1.40-1.40-1.40
1860 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1876 Pa.	381	10	M.	(b)	1.60-2.00-1.75
1860 Pa.	190	9	M.	60-60-60	1.20-1.34-1.22	1877 N. H.	190	1	M.	72-72-72	.75- .75- .75
1860 England..	564	(b)	F.	36-48 —	.24- .41- —	1877 Ohio	359	4	M.	(b)	2.00-2.00-2.00
1861 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1877 Pa.	190	13	M.	60-60-60	1.30-1.70-1.48
1861 Pa.	190	12	M.	60-60-60	1.20-1.34-1.22	1878 N. H.	190	3	M.	72-72-72	.75-2.00-1.25
1862 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1878 N. J.	317	10	M.	(b)	2.00-2.00-2.00
1862 Pa.	190	13	M.	60-60-60	1.34-1.40-1.38	1878 Pa.	190	14	M.	60-60-60	1.30-1.70-1.50
1863 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1878 Pa.	383	4	M.	54-54-54	1.40-1.40-1.40
1863 Pa.	190	13	M.	60-60-60	1.34-1.40-1.39	1879 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50
1864 N. Y.	190	1	M.	60-60-60	1.25-1.25-1.25	1879 Pa.	190	15	M.	60-60-60	1.30-1.70-1.51
1864 Pa.	190	11	M.	60-60-60	1.40-1.67-1.50	1880 Ill.	7	12	M.	60-60-60	1.75-1.90-1.80
1864 England..	627	(b)	M.	(b)	.20- .20- .20	1880 Ill.	7	57	F.	60-60-60	.77-1.44-1.14
1865 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50	1880 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50
1865 Pa.	190	10	M.	60-60-60	1.70-2.00-1.79	1880 Pa.	190	15	M.	60-60-60	1.30-1.60-1.44
1866 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50	1880 England..	571	(b)	M.	49-49-49	.97- .97- .97
1866 Pa.	190	15	M.	60-60-60	2.00-2.00-2.00	1880 Scotland..	571	(b)	M.	54-54-54	.81- .81- .81
1867 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50	1881 N. J.	320	3	M.	a60-60-60	2.25-2.50-2.42
1867 Pa.	190	15	M.	60-60-60	2.00-2.00-2.00	1881 N. Y.	190	1	M.	60-60-60	1.50-1.50-1.50
1868 N. Y.	190	1	M.	60-60-60	1.67-1.67-1.67	1881 Pa.	190	19	M.	60-60-60	1.40-1.80-1.61
1868 Pa.	190	16	M.	60-60-60	2.00-2.00-2.00	1882 N. J.	321	6	M.	60-60-60	1.60-1.60-1.60
1868 Germany..	610	(b)	M.	(b)	.36- .49- —	1882 N. Y.	190	2	M.	60-60-60	1.50-1.50-1.50
1869 N. Y.	190	1	M.	60-60-60	1.67-1.67-1.67	1882 Ohio	364	1	(b)	60-60-60	1.00-1.00-1.00
1869 Pa.	190	18	M.	60-60-60	2.00-2.00-2.00	1882 Pa.	190	18	M.	60-60-60	1.50-1.80-1.63
1870 N. Y.	190	1	M.	60-60-60	1.67-1.67-1.67	1882 Germany.	554	(b)	(b)	60-60-60	.70- .70- .70
1870 Pa.	190	18	M.	60-60-60	2.00-2.00-2.00	1883 Mass.	273	13	M.	(b)	1.75-3.00-2.27
1871 N. Y.	190	1	M.	60-60-60	1.67-1.67-1.67	1883 Mass.	273	23	(b)	(b)	.90- .90- .90
1871 Pa.	190	20	M.	60-60-60	1.60-2.00-1.76	1883 N. J.	322	73	M.	(b)	1.50-3.00-2.34
1871 England..	629	(b)	(b)	59-59-59	.89- .89- .89	1883 N. Y.	190	3	M.	60-60-60	1.50-1.50-1.50
1872 N. H.	190	5	M.	72-72-72	.75-1.50-1.05	1883 Pa.	190	20	M.	60-60-60	1.70-2.00-1.85
1872 N. Y.	190	2	M.	60-60-60	1.67-1.75-1.71	1883 Gr't Brit..	273	(b)	M.	(b)	1.01-1.37- —
1872 Pa.	190	20	M.	60-60-60	1.40-1.80-1.56	1884 Mich.	278	17	M.	(b)	.65-1.75-1.13
1873 N. H.	190	6	M.	72-72-72	.75-1.50-1.08	1884 N. J.	323	174	M.	54-60-60	1.67-2.67-2.59

a Not including hours of 2 persons not reported. b Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CORE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1884 Ohio	367	74 M.	(a)	.67-2.17-1.65
1884 Pa	190	18 M.	60-60-60	1.70-2.00-1.83
1884 Canada	178	(a) (a)	54-54-54	1.25-1.50- —
1884 Canada	466	(a) M.	57-59 —	.58-1.46- —
1884 England	178	(a) M.	54-54-54	1.05-1.30- —
1884 Hawai. Is.	178	(a) (a)	53-53-53	4.25-4.25-4.25
1884 Switzerl'd.	178	(a) M.	b65-65-65	.39- .83- —
1885 Cal.	7	8 M.	60-60-60	2.50-3.75-3.00
1885 Del.	1	12 M.	60-60-60	1.50-1.95-1.80
1885 Ind	1	3 M.	60-60-60	1.40-1.70-1.50
1885 Ind	1	8 F.	60-60-60	.65- .90- .68
1885 N. J	324	111 M.	c48-60-59	1.33-3.50-2.44
1885 N. Y.	190	3 M.	60-60-60	1.25-1.50-1.33
1885 Ohio	1	11 M.	60-60-60	1.26-1.30-1.26
1885 Ohio	367	73 M.	(a)	.75-2.17-1.54
1885 Pa	190	24 M.	60-60-60	1.50-1.70-1.55
1885 Tenn.	1	1 M.	60-60-60	1.35-1.35-1.35
1885 Canada	467	(a) M.	56-60 —	.78-1.08- —
1885 Germany	547	(a) M.	(a)	.60-1.15- —
1885 Gr't Brit	1	(a) M.	60-60-60	1.05-1.05-1.05
1885 Gr't Brit	1	(a) F.	60-60-60	.70- .70- .70
1886 Conn.	2	10 M.	60-60-60	1.00-1.00-1.00
1886 N. J	325	141 M.	54-66-64	2.25-3.75-2.53
1886 N. Y.	190	3 M.	60-60-60	1.25-1.25-1.25
1886 Ohio	368	1 M.	(a)	1.62-1.62-1.62
1886 Pa	3	1 F.	56-56-56	1.17-1.17-1.17
1886 Pa	190	25 M.	60-60-60	1.50-1.70-1.54
1886 Tex	2	3 M.	60-60-60	2.00-2.00-2.00
1886 Belgium	456	(a) M.	(a)	.81- .81- .81
1886 Canada	468	(a) M.	58-58-58	1.10-1.74- —
1886 England	604	(a) M.	d54-54-54	.70-1.48- —
1886 Germany	548	(a) (a)	(a)	.63-1.06- —
1886 Gr't Brit	604	(a) M.	(a)	.91- .91- .91
1886 Ireland	604	(a) M.	54-54-54	.79- .79- .79
1886 Scotland	604	(a) M.	e54-54-54	1.07-1.29- —
1887 Conn.	202	38 M.	(a)	.92-1.71-1.12
1887 Ill.	3	10 F.	59-59-59	.49-1.33- .80
1887 Md.	4	54 M.	(a)	.60-1.70-1.04
1887 N. Y.	4	8 M.	(a)	1.40-1.45-1.41
1887 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1887 Ohio	369	206 M.	54-60-60	1.00-2.25-1.58
1887 Ohio	369	2 F.	60-60-60	.60- .60- .60
1887 Pa	4	5 M.	(a)	1.25-2.00-1.53
1887 Pa	190	30 M.	60-60-60	1.50-1.70-1.53
1887 Wis	409	28 M.	(a)	1.42-1.42-1.42
1887 Germany	557	(a) (a)	60-60-60	.63-1.07- —
1888 N. H	190	2 M.	60-60-60	1.25-1.50-1.38
1888 N. J	326	1 F.	60-60-60	.50- .50- .50
1888 N. J	326	3 (a)	60-60-60	1.10-2.00-1.70
1888 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1888 N. Y.	331	53 M.	f51-60-58	.75-2.55-1.84
1888 N. Y.	331	1 F.	55-55-55	1.50-1.50-1.50
1888 Pa	190	26 M.	60-60-60	1.50-1.70-1.55
1888 Canada	470	(a) M.	59-59-59	1.18-1.18-1.18
1888 Germany	558	(a) (a)	60-60-60	.60-1.11- —
1889 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1889 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1889 Pa	190	27 M.	60-60-60	1.70-1.70-1.70
1889 Canada	471	(a) M.	60-60-60	1.24-1.38- —
1890 Mich.	282	140 M.	60-60-60	.40-2.50-1.25
1890 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1890 N. Y.	190	4 M.	60-60-60	1.50-1.50-1.50
1890 N. Y.	333	109 M.	(a)	.67-3.38-1.66
1890 Pa	190	33 M.	60-60-60	1.70-1.70-1.70
1891 Mich.	283	13 F.	(a)	0.39-0.39-0.39
1891 Mo.	300	7 M.	(a)	.41-2.00-1.19
1891 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1891 N. Y.	190	3 M.	60-60-60	1.50-1.50-1.50
1891 N. Y.	333	305 M.	(a)	.50-3.38-1.69
1891 Ohio	372	172 M.	42-60-59	.70-3.00-1.39
1891 Pa	190	32 M.	60-60-60	1.70-1.70-1.70
1891 Belgium	457	(a) M.	g60-66 —	.39- .77- —
1891 England	576	(a) M.	h54-54-54	1.30-1.38- —
1891 France	505	(a) M.	60-66 —	.87-1.50- —
1891 Switzerl'd.	595	(a) M.	(a)	.71- .71- .71
1892 Cal.	196	3 M.	j56-56-56	2.50-3.00-2.67
1892 Ind	227	16 M.	60-60-60	1.39-1.94-1.62
1892 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1892 Pa	20	15 M.	60-60-60	1.60-1.80-1.73
1892 Pa	190	48 M.	60-60-60	1.20-2.50-1.61
1892 Australia	424	(a) M.	(a)	2.43-2.43-2.43
1892 England	632	(a) M.	53-53-53	1.30-1.54- —
1892 France	119	(a) M.	66-66-66	.88-1.10- —
1892 France	505	(a) M.	60-74 —	.19-1.35- —
1892 Germany	119	(a) M.	h60-60-60	.60- .83- —
1893 Mont.	307	2 M.	54-54-54	3.50-4.00-3.75
1893 N. Y.	10	2 M.	59-60-60	1.67-2.67-2.17
1893 Ohio	374	375 M.	k54-60-59	.75-2.75-1.37
1893 Ohio	374	34 F.	54-60-58	.50-1.00- .70
1893 Pa	20	20 M.	60-60-60	1.50-1.80-1.64
1893 R. I	400	1 M.	(a)	1.80-1.80-1.80
1893 England	119	(a) M.	54-54-54	.81-1.22- —
1893 England	578	(a) M.	54-54-54	.89- .89- .89
1893 France	507	(a) M.	60-60-60	.24- .24- .24
1894 Ind	228	13 M.	54-60-56	1.31-1.83-1.68
1894 Iowa	236	4 M.	60-66-62	.67-2.00-1.38
1894 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50
1894 N. C.	8	1 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	375	329 M.	l48-60-59	.50-2.75-1.43
1894 Ohio	375	13 F.	54-60-58	.50-1.25- .73
1894 Pa	20	15 M.	60-60-60	1.50-1.80-1.57
1894 Aust-Hun	434	(a) M.	60-60-60	.81- .88- —
1895 Ohio	376	428 M.	n48-60-59	.50-2.75-1.58
1895 Ohio	376	70 F.	o60-60-60	.60-1.25- .77
1895 Pa	20	13 M.	60-60-60	1.50-1.60-1.52
1895 Aust-Hun	435	(a) M.	60-60-60	.68- .72- —
1895 France	509	(a) M.	60-60-60	.77- .97- —
1896 Ill.	7	19 M.	56-56-56	1.75-1.90-1.81
1896 Ill.	7	86 F.	56-56-56	.78-1.48-1.14
1896 Mich.	288	1 (a)	60-60-60	1.04-1.04-1.04
1896 Ohio	377	433 M.	p49-62-59	.75-2.04-1.61
1896 Ohio	377	19 F.	p48-54-49	.60-1.25- .72
1896 Pa	394	2 M.	60-60-60	1.75-1.75-1.75
1896 England	592	(a) M.	(a)	1.05-1.26- —
1897 Conn.	8	3 F.	60-60-60	1.25-1.25-1.25
1897 Nebr.	314	1 M.	48-48-48	1.85-1.85-1.85
1897 N. Y.	337	61 M.	60-60-60	1.75-2.50-2.04
1897 Pa	395	6 M.	(a)	1.87-2.37-2.04
1897 Va	404	10 M.	60-60-60	1.25-2.00-1.93
1897 France	511	(a) M.	66-66-66	.94- .94- .94
1898 Nebr.	314	6 (a)	54-54-54	.50-3.20-2.80
1898 N. Y.	338	125 M.	60-60-60	1.75-3.00-2.06
1899 Mass	18	7 M.	p59-59-59	1.50-2.50-2.07
1899 N. Y.	18	4 M.	54-54-54	1.50-2.00-1.67
1899 Ohio	18	11 M.	60-60-60	2.00-2.25-2.10
1900 Mass	18	16 M.	q59-59-59	1.50-3.00-2.56
1900 N. Y.	18	4 M.	54-54-54	1.50-2.00-1.67
1900 Ohio	18	9 M.	60-60-60	2.25-2.50-2.29

a Not reported.
b Applies to but 4 of the 8 wage quotations.
c Not including hours of 20 persons not reported.
d Applies to but 8 of the 13 wage quotations.
e Applies to but 1 of the 3 wage quotations.
f Not including hours of 10 persons not reported.
g Applies to but 7 of the 8 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i Average for 1888–91.
j Not including hours of 1 person not reported.
k Not including hours of 44 persons not reported.
l Not including hours of 8 persons not reported.
n Not including hours of 32 persons not reported.
o Not including hours of 22 persons not reported.
p Not including hours of 3 persons not reported.
q Not including hours of 12 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CORE MAKERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	3	M.	55-55-55	1.30-1.30-1.30	1893 Pa	20	13	M.	60-60-60	1.00-1.88-1.47
1891 N. Y.	333	2	M.	(a)	1.75-2.00-1.88	1894 Pa	20	15	M.	60-60-60	1.00-1.92-1.26
1892 Pa	20	11	M.	60-60-60	1.00-1.72-1.32	1895 Pa	20	5	M.	60-60-60	1.20-1.20-1.20
1893 Ohio	374	1	M.	54-54-54	1.00-1.00-1.00						

CORK CUTTERS.

1852 Pa	8	2	M.	60-60-60	1.00-1.00-1.00	1890 Netherl'ds	666	(a)	M.	(a)	.54- .74- —
1871 England	185	(a)	(a)	(a)	1.21-1.21-1.21	1892 Algeria	505	(a)	M.	82-82-82	.25- .25- .25
1874 Scotland	177	(a)	M.	56-56-56	.96-1.04- —	1892 Algeria	505	(a)	M.	70-70-70	b .27-1.06- —
1875 Scotland	177	(a)	M.	56-56-56	.96-1.04- —	1892 Corsica	505	(a)	M.	60-60-60	.39- .77- —
1876 Scotland	177	(a)	M.	56-56-56	.96-1.04- —	1892 Corsica	505	(a)	F.	60-60-60	.17- .21- —
1877 Scotland	177	(a)	M.	56-56-56	.96-1.04- —	1892 Denmark	595	(a)	F.	(a)	.37- .37- .37
1878 Scotland	177	(a)	M.	56-56-56	.96-1.04- —	1892 France	505	(a)	M.	60-60-60	.58- .87- —
1878 Spain	177	(a)	M.	60-60-60	.70- .70- .70	1892 France	505	(a)	F.	60-60-60	.19- .39- —
1882 Pa	7	95	M.	59-59-59	.83-2.00-1.61	1892 Ireland	577	(a)	M.	48-60 —	.81-1.14- —
1882 Pa	7	50	F.	59-59-59	.67-1.00- .79	1892 Scotland	11	(a)	(a)	(a)	1.22-1.22-1.22
1884 France	178	(a)	M.	(a)	.67- .77- —	1893 Ill	10	2	M.	60-60-60	1.58-2.50-2.04
1884 Germany	178	(a)	M.	(a)	.63- .63- .63	1893 N. Y.	10	1	F.	60-60-60	.67- .67- .67
1884 Italy	178	(a)	M.	(a)	.50- .50- .50	1896 N. Y.	7	1	F.	59-59-59	.33- .33- .33
1884 Spain	178	(a)	M.	60-60-60	.49- .97- —	1896 Pa	7	200	M.	55-55-55	1.00-2.00-1.64
1886 N. Y.	3	2	F.	59-59-59	.83- .83- .83	1896 Pa	7	125	F.	55-55-55	.58-1.00- .74
1886 N. Y.	7	1	F.	(a)	.42- .42- .42	1896 Pa	8	4	M.	60-60-60	1.20-1.65-1.36
1887 Mass	3	1	F.	56-56-56	1.00-1.00-1.00	1896 Algeria	505	(a)	M.	60-60-60	.77- .77- .77
1888 N. Y.	331	2	M.	(a)	1.67-1.67-1.67	1897 Pa	8	4	M.	56-56-56	1.65-1.65-1.65
1889 Canada	471	(a)	M.	55-55-55	1.65-1.65-1.65	1897 Corsica	511	(a)	M.	60-60-60	.58- .58- .58
1889 Portugal	691	(a)	M.	(a)	.11-1.30- —	1898 Germany	151	(a)	M.	(a)	.60- .99- —
1890 Aust-Hun	109	(a)	M.	(a)	.35- .35- .35	1898 Germany	151	(a)	F.	(a)	.36- .56- —
1890 Aust-Hun	109	(a)	F.	(a)	.16- .16- .16						

CORKERS.

1871 England	629	(a)	M.	(a)	1.26-1.26-1.26	1893 Ohio	374	1	M.	60-60-60	1.50-1.50-1.50
1880 Pa	7	24	F.	(a)	.50- .67- .60	1894 N. Y.	8	2	M.	60-60-60	1.33-1.33-1.33
1881 Va	7	2	M.	(a)	1.00-1.00-1.00	1894 Australia	425	(a)	(a)	(a)	.61-1.42- —
1882 N. Y.	7	4	M.	60-60-60	.83-1.17-1.04	1895 N. Y.	7	4	M.	56-60-58	1.00-1.50-1.29
1884 France	178	(a)	M.	(a)	.82-1.16- —	1895 Ohio	376	3	M.	60-60-60	.65- .65- .65
1885 N. Y.	7	2	M.	56-56-66	1.25-1.25-1.25	1895 Ohio	376	2	F.	60-60-60	.50- .50- .50
1887 Mass	3	3	F.	59-59-59	.75-1.33-1.08	1895 Pa	8	1	F.	60-60-60	1.00-1.00-1.00
1892 Ill	210	1	F.	60-60-60	.84- .84- .84	1895 Va	7	5	M.	48-48-48	1.25-1.25-1.25
1892 Australia	424	(a)	(a)	(a)	.61-1.42- —	1895 Australia	426	(a)	(a)	(a)	.61-1.42- —
1892 France	505	(a)	M.	57-66 —	.63-1.74- —	1896 Ohio	377	4	M.	60-60-60	.75- .75- .75
1892 France	505	(a)	M.	60-60-60	b .82-1.54- —	1896 Pa	7	54	F.	54-54-54	.58- .75- .69
1892 Russia	692	(a)	(a)	(a)	.62- .78- —	1896 Australia	427	(a)	(a)	(a)	.61-1.42- —

CORN HUSKERS, CANNED GOODS.

1865 Md	8	4	F.	72-72-72	1.25-1.25-1.25	1894 Md	8	18	M.	72-72-72	1.00-1.00-1.00
1870 N. Y.	8	45	F.	60-60-60	1.00-1.00-1.00	1894 N. Y.	8	25	M.	60-60-60	.90- .90- .90
1892 Me	258	2112	M.	60-60-60	.75-1.20-1.06	1894 N. Y.	8	25	F.	60-60-60	.90- .90- .90
1892 Me	258	1603	F.	60-60-60	.55- .90- .79	1894 Ohio	375	157	M.	60-60-60	1.00-1.35-1.06
1893 Ohio	374	280	M.	60-72-71	1.25-1.50-1.47	1895 Ohio	376	20	M.	60-60-60	1.25-1.25-1.25

CORNICE MAKERS.

1870 Germany	610	(a)	M.	72-72-72	.18- .73- —	1882 Mo	294	1	M.	60-60-60	2.50-2.50-2.50
1870 Norway	610	(a)	M.	(a)	.90-1.35- —	1887 N. Y.	331	693	M.	53-59-54	2.25-3.00-2.62
1871 Norway	185	(a)	(a)	(a)	.89-1.34- —	1887 Ohio	369	171	M.	60-60-60	2.00-2.50-2.27
1882 Ill	206	2	M.	60-60-60	2.50-2.50-2.50	1888 N. Y.	331	77	M.	53-59-53	2.50-3.00-2.66

a Not reported. b And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CORNICE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Minn	292	51 M.	(a)	1.00-2.85-2.48
1892 Mo	301	250 M.	48-48-48	2.25-2.25-2.25
1892 N. Y	20	2 M.	48-48-48	3.00-3.00-3.00
1893 Ill	10	4 M.	48-48-48	1.67-3.00-2.67
1893 Md	10	1 M.	60-60-60	2.00-2.00-2.00
1893 N. Y	20	2 M.	48-48-48	3.00-3.00-3.00
1893 Ohio	374	53 M.	54-60-58	2.00-2.50-2.33
1893 Pa	10	2 M.	57-60-59	1.33-1.83-1.58
1894 Ind	228	1 M.	60-60-60	1.83-1.83-1.83
1894 N. Y	20	2 M.	48-48-48	3.00-3.00-3.00
1894 Ohio	375	45 M.	54-60-55	2.00-2.70-2.22
1895 N. Y	20	2 M.	48-48-48	3.00-3.00-3.00
1895 Ohio	376	14 M.	54-60-55	2.40-3.33-2.64
1896 Md	14	22 M.	54-54-54	2.00-2.50-2.25
1896 Nebr	314	1 M.	48-48-48	2.00-2.00-2.00
1896 Ohio	377	35 M.	54-60-57	1.25-2.25-1.94
1896 Pa	14	16 M.	54-54-54	2.50-2.50-2.50

CORN SHELLERS.

1885	Ohio	1	1	M.	72-72-72	1.25-1.25-1.25	1894	Ohio	375	3	M.	60-60-60	2.00-2.00-2.00
1893	Ohio	374	3	M.	60-60-60	2.00-2.00-2.00							

CORN SILKERS.

1870	N. Y	8	15	F.	60-60-60	1.00-1.00-1.00	1893	Ohio	374	1	M.	60-60-60	1.00-1.00-1.00
1892	Me	258	6	M.	60-60-60	1.48-1.48-1.48	1894	Md	8	1	M.	72-72-72	1.00-1.00-1.00
1892	Me	258	11	F.	60-60-60	.77- .77- .77	1894	N. Y	8	3	M.	60-60-60	1.00-1.00-1.00

CORSET BONERS.

1864	Ireland	627	(a)	F.	(a)	.14- .14- .14	1887	N. Y	3	3	F.	56-56-56	.71- .83- .79
1871	England	629	(a)	(a)	(a)	.36- .36- .36	1888	N. Y	331	75	M.	59-59-59	1.00-1.00-1.00
1874	Conn	185	50	F.	(a)	.50- .50- .50	1890	N. Y	333	10	M.	(a)	.67- .67- .67
1881	Conn	7	10	F.	60-60-60	.19-1.18- .58	1891	Mich	283	105	F.	(a)	.38- .74- .51
1885	Conn	2	17	F.	60-60-60	.50- .50- .50	1891	N. Y	333	6	M.	(a)	.67- .67- .67
1885	Ill	7	33	F.	60-60-60	.37- .78- .58	1892	Ill	210	11	F.	54-54-54	.37- .98- .66
1885	Mass	7	24	F.	60-60-60	.33-1.33- .63	1893	N. J	327	4	F.	b49-49-49	.50-1.00- .73
1885	N. Y	7	21	F.	59-59-59	.48- .82- .69	1895	Conn	7	4	F.	60-60-60	.89-1.09-1.01
1886	Mo	3	2	F.	53-53-53	.50- .83- .67	1895	Mass	7	84	F.	58-58-58	.23-1.68- .59
1886	N. J	3	6	F.	49-59-53	.33- .67- .49	1895	N. Y	7	40	F.	59-59-59	.51- .84- .68
1886	Pa	3	1	F.	59-59-59	.29- .29- .29	1896	Ill	7	45	F.	60-60-60	.42- .83- .58
1887	Conn	202	36	F.	(a)	1.74-1.74-1.74	1896	N. J	8	125	F.	56-56-56	.75-1.00- .80
1887	Ill	3	5	F.	53-57-54	.50- .92- .70	1896	N. Y	8	25	F.	54-54-54	1.00-1.00-1.00
1887	Mass	3	1	F.	57-57-57	.46- .46- .46	1897	N. J	328	20	F.	(a)	.72- .72- .72

CORSET CLOSERS.

1886	Mo	3	2	F.	53-53-53	1.42-1.67-1.55	1891	Mich	283	7	F.	(a)	1.04-1.04-1.04
1887	Mass	3	1	F.	57-57-57	.75- .75- .75							

CORSET CORDERS.

1876	N. Y	3	1	F.	56-56-56	1.00-1.00-1.00	1887	Ohio	3	2	F.	57-57-57	.50- .67- .59
1886	N. J	3	1	F.	53-53-53	.58- .58- .58	1891	Mich	283	32	F.	(a)	.88-1.00- .90
1886	Pa	3	1	F.	59-59-59	.58- .58- .58	1893	N. J	327	43	F.	c 49-49-49	.83-1.08- .98
1887	Mass	3	3	F.	53-57-56	.58-1.00- .75	1897	N. J	328	8	F.	(a)	.75- .75- .75
1887	N. Y	3	2	F.	56-56-56	.67-1.00- .84							

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CORSET MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1835 N. Y.	8	1	M.	72-72-72	1.50-1.50-1.50	1886 France	495	(a)	F.	(a)	0.34-0.39- —
1835 N. Y.	8	1	F.	72-72-72	1.00-1.00-1.00	1887 Cal.	3	1	F.	45-45-45	1.67-1.67-1.67
1845 N. Y.	8	1	M.	72-72-72	1.25-1.25-1.25	1887 Ill	3	1	F.	53-53-53	1.17-1.17-1.17
1845 N. Y.	8	1	F.	72-72-72	.75- .75- .75	1887 Mass	3	1	F.	54-54-54	.92- .92- .92
1855 N. Y.	8	1	F.	60-60-60	1.00-1.00-1.00	1887 N. Y.	3	6	F.	53-56-54	1.08-1.50-1.23
1875 France	496	(a)	F.	(a)	.23- .68- —	1887 Ohio	3	2	F.	57-57-57	.42-1.00- .71
1876 France	497	(a)	F.	(a)	.24- .68- —	1887 Canada	469	(a)	F.	50-50-50	.61- .71- —
1878 France	498	(a)	F.	(a)	.25- .68- —	1887 France	495	(a)	F.	(a)	.34- .39- —
1879 France	499	(a)	F.	(a)	.25- .68- —	1888 N. J	326	22	F.	(a)	1.08-1.08-1.08
1880 France	500	(a)	F.	(a)	.26- .68- —	1889 Kans.	243	1	F.	(a)	1.00-1.00-1.00
1881 France	501	(a)	F.	(a)	.27- .68- —	1889 Canada	471	(a)	F.	58-58-58	.60- .62- —
1882 Mo	294	1	M.	60-60-60	1.17-1.17-1.17	1891 Mich.	283	3	F.	(a)	.60- .75- .70
1882 France	502	(a)	F.	(a)	.27- .68- —	1891 France	522	(a)	F.	(a)	.34- .39- —
1883 Mich.	277	2	F.	(a)	.50- .75- .63	1892 Cal.	196	7	F.	54-54-54	1.33-1.33-1.33
1883 France	503	(a)	F.	(a)	.28- .68- —	1892 France	505	(a)	M.	60-60-60	.58- .97- —
1884 N. J	323	20	M.	54-54-54	2.50-2.50-2.50	1892 France	505	(a)	F.	60-60-60	.24- .53- —
1884 N. J	323	380	F.	54-54-54	1.00-1.00-1.00	1893 Md.	10	1	F.	48-48-48	.83- .83- .83
1884 Canada	178	(a)	(a)	60-60-60	.21-1.25- —	1893 N. J	327	10	F.	c 49-49-49	.80-1.42-1.04
1884 Canada	466	(a)	F.	59-60 —	.73- .81- —	1893 N. Y.	10	3	F.	54-60-56	.50-1.00- .72
1884 France	178	(a)	M.	60-60-60	.48- .48- .48	1894 France	508	(a)	F.	60-60-60	.43- .53- —
1884 France	178	(a)	M.	60-60-60	b .34- .34- .34	1895 N. Y.	341	13	F.	(a)	.50-1.67- .99
1884 France	504	(a)	F.	(a)	.28-1.06- —	1896 N. J	8	115	F.	56-56-56	.75-1.25-1.02
1884 Germany	178	(a)	F.	66-72 —	.24- .60- —	1897 France	511	(a)	F.	60-60-60	.48- .58- —
1885 Canada	467	(a)	F.	56-56-56	.75- .75- .75	1898 Mich.	290	10	M.	(a)	1.92-1.92-1.92
1885 France	494	(a)	F.	(a)	.34- .39- —	1899 Aust-Hun.	161	(a)	F.	60-60-60	.17- .53- —
1886 Ill	2	200	M.	60-60-60	1.46-1.50-1.48	1899 Aust-Hun.	161	(a)	(a)	60-60-60	.17-1.00- —
1886 N. J	3	3	F.	49-59-55	.83-1.25-1.06	1899 France	161	(a)	F.	(a)	.30- .40- —
1886 Canada	468	(a)	F.	50-50-50	.42- .82- —	1899 France	161	(a)	(a)	(a)	.19- .77- —

CORSET STAY MAKERS.

1853 France	609	(a)	F.	(a)	.39- .39- .39	1869 France	609	(a)	F.	(a)	.48- .58- —
1860 France	609	(a)	F.	(a)	.39- .39- .39	1889 Canada	471	(a)	F.	54-54-54	.72- .72- .72

CORSET STEEL MAKERS.

1884 Mich.	278	24	M.	(a)	1.00-3.00-1.26	1893 N. J	327	5	F.	d 49-49-49	.92- .92- .92
1889 Canada	471	(a)	F.	54-54-54	.59- .59- .59						

CORSET STITCHERS.

1871 Mass	267	50	(a)	60-60-60	1.50-1.50-1.50	1888 Germany	558	(a)	F.	54-54-54	.16- .87- —
1881 Conn.	7	13	F.	60-60-60	.42-1.18- .88	1888 Germany	558	(a)	(a)	48-54 —	.36-1.29- —
1884 Canada	178	(a)	F.	54-54-54	.42-2.00- —	1891 Mich.	283	47	F.	(a)	.80-1.00- .89
1885 Ill.	7	70	F.	60-60-60	.42-1.08- .71	1891 France	505	(a)	F.	57-57-57	.34- .77- —
1885 Mass	7	2	F.	60-60-60	2.17-2.17-2.17	1892 Ill.	210	1	F.	54-54-54	1.39-1.39-1.39
1885 N. Y.	7	60	F.	59-59-59	.82-1.31-1.07	1892 France	505	(a)	F.	60-60-60	.48- .58- —
1886 Mo	3	3	F.	50-53-52	.50-1.00- .83	1893 N. J	327	1	F.	(a)	.73- .73- .73
1886 N. J	3	7	F.	49-59-51	.50-1.17- .76	1894 France	129	(a)	F.	60-60-60	.40- .61- —
1886 Pa	3	2	F.	59-59-59	.42-1.00- .71	1895 Conn.	7	24	F.	60-60-60	.45-1.32- .88
1887 Conn.	202	153	F.	(a)	1.25-1.25-1.25	1895 Mass	7	3	F.	58-58-58	.89-1.47-1.14
1887 Ill.	3	4	F.	53-57-55	.42- .83- .65	1895 N. Y.	7	96	F.	59-59-59	.50-1.33-1.06
1887 Mass	3	4	F.	50-57-54	.67-1.00- .81	1895 N. Y.	341	11	F.	(a)	.67-1.79-1.27
1887 Ohio	3	3	F.	57-57-57	.25- .83- .50	1896 Ill.	7	98	F.	60-60-60	.50-1.17- .73
1888 N. J	326	10	F.	c 60-60-60	.50- .58- .56	1896 N. J	8	15	F.	56-56-56	1.00-1.50-1.15
1888 N. Y.	331	150	M.	59-59-59	1.25-1.25-1.25	1897 N. J	328	4	F.	(a)	.72- .72- .72
1888 Canada	470	(a)	F.	58-58-58	.80- .80- .80	1899 Germany	161	(a)	F.	60-60-60	.59- .95- —

a Not reported.
b And board.
c Not including hours of 8 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CORSET STRIPPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mich	283	4 F.	(a)	0.92-0.92-0.92	1896 N. J	8	150 F.	56-56-56	0.80-1.50-0.92
1893 N. J	327	1 F.	(a)	1.50-1.50-1.50					

CORSET TRIMMERS.

1874 Conn	185	6 F.	(a)	1.00-1.00-1.00	1888 N. J	326	4 F.	(a)	.75- .92- .79
1885 Mass	7	18 F.	60-60-60	.50-1.50-1.12	1891 Mich	283	6 F.	(a)	.81-1.33- .90
1885 N. Y	7	2 F.	59-59-59	1.15-1.29-1.22	1893 N. J	327	10 F.	b49-49-49	.67-1.83-1.26
1886 Conn	2	50 F.	59-59-59	.70- .70- .70	1895 Conn	7	1 F.	60-60-60	.70- .70- .70
1886 N. J	3	1 F.	49-49-49	1.00-1.00-1.00	1895 Mass	7	29 F.	58-58-58	.38-1.68-1.23
1886 Pa	3	1 F.	50-50-50	.83- .83- .83	1895 N. Y	7	4 F.	59-59-59	1.01-1.33-1.15
1887 N. Y	3	1 F.	56-56-56	1.00-1.00-1.00	1896 N. J	8	42 F.	56-56-56	1.00-1.50-1.28
1888 Conn	3	7 F.	(a)	1.42-1.42-1.42	1897 N. J	328	6 F.	(a)	1.25-1.25-1.25

COSTUMERS.

1894 France	506	(a)	M.	54-54-54	2.22-2.22-2.22	1894 France	506	(a)	F.	48-54 —	2.22-2.96- —

COUNTER CUTTERS, BOOTS AND SHOES.

1894 N. Y	8	2	M.	60-60-60	1.17-1.50-1.34	1895 N. C	8	2	M.	60-60-60	1.50-2.00-1.75
1895 Mass	8	57	M.	59-60-59	1.50-2.75-2.16	1896 Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1895 N. Y	8	2	M.	60-60-60	1.50-2.00-1.75						

COUNTER HANDS, HOSIERY AND KNIT GOODS.

1861 England	564	(a)	F.	56-56-56	.24- .85- —	1877 England	570	(a)	F.	54-54-54	.16- .41- —
1866 England	566	(a)	M.	60-60-60	1.01-1.01-1.01	1880 England	571	(a)	M.	54-54-54	.32- .93- —
1866 England	566	(a)	F.	60-60-60	.36- .36- .36	1880 England	571	(a)	F.	54-54-54	.16- .41- —
1877 England	570	(a)	M.	54-54-54	.32- .93- —	1895 England	591	(a)	M.	(a)	.81-1.01- —

COUNTER MOLDERS, BOOTS AND SHOES.

1894 N. Y	8	1	M.	60-60-60	1.50-1.50-1.50	1896 Mass	8	1	M.	60-60-60	1.67-1.67-1.67
1895 Mass	8	33	M.	54-60-58	1.00-2.00-1.61						

COUNTER SINKERS.

1890 N. Y	333	14	M.	(a)	1.50-1.75-1.57	1891 N. Y	333	18	M.	(a)	1.50-2.00-1.72

COUNTERS, LUMBER.

1876 Pa	381	4	M.	(a)	2.00-2.25-2.19	1879 Pa	384	44	(a)	(a)	.50-3.00-1.48
1876 Pa	382	5	M.	(a)	1.50-2.00-1.90	1895 Ohio	376	10	M.	57-57-57	1.75-1.75-1.75
1878 Pa	383	9	M.	60-60-60	1.25-3.00-2.19	1896 Minn	8	1	M.	60-60-60	1.25-1.25-1.25

a Not reported.

b Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COVERERS, BASEBALL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1887 N. Y	3	4 F.	50-50-50	0.83-1.08-0.98

COVERERS, BOOKBINDERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875 Md	8	1 F.	60-60-60	1.00-1.00-1.00
1880 Scotland	571	(a) F.	54-54-54	.45- .45- .45
1882 Mass	7	1 M.	59-59-59	.92- .92- .92
1883 Mass	273	1 M.	(a)	2.75-2.75-2.75
1883 Gr't Brit	273	(a) F.	(a)	.49- .57- —
1885 Mass	7	13 F.	59-60-60	.95-1.33-1.06
1885 N. Y.	7	20 M.	59-59-59	.89-3.66-2.21
1886 Mo	3	1 F.	59-59-59	1.00-1.00-1.00
1886 N. Y.	3	1 F.	60-60-60	.50- .50- .50
1886 N. Y.	7	11 F.	54-54-54	.79-1.25-1.00
1886 Pa	3	2 F.	57-58-58	1.08-1.29-1.19
1887 Ill	3	4 F.	55-59-56	1.00-1.67-1.31
1887 Mass	3	2 F.	48-56-52	.75-1.08- .92
1887 Minn	3	1 F.	59-59-59	1.00-1.00-1.00
1887 N. Y.	3	5 F.	53-60-56	.75-1.42-1.05
1887 Ohio	3	5 F.	49-56-53	.65-1.67-1.05
1888 Ind	3	1 F.	59-59-59	1.33-1.33-1.33
1888 N. Y.	331	5 M.	48-48-48	0.63-0.63-0.63
1888 Pa	8	8 F.	54-54-54	1.00-1.00-1.00
1890 N. Y.	333	13 M.	(a)	1.67-3.00-2.90
1891 N. Y.	333	13 M.	(a)	1.67-3.00-2.90
1891 France	505	(a) M.	60-60-60	1.54-1.74- —
1892 Ill	210	6 F.	51-59-55	1.16-2.00-1.48
1894 Ohio	375	2 F.	60-60-60	.75- .75- .75
1895 Mass	7	1 M.	58-58-58	2.33-2.33-2.33
1895 Mass	7	19 F.	58-58-58	.67-1.46-1.09
1895 N. Y.	7	20 M.	58-58-58	1.40-4.27-3.17
1895 Ohio	376	2 F.	(a)	.75- .75- .75
1895 Pa	8	8 F.	54-54-54	1.00-1.00-1.00
1896 N. Y.	7	13 F.	54-54-54	.83-1.32-1.06
1896 Ohio	377	2 F.	60-60-60	.75- .75- .75
1899 Mass	18	2 M.	55-55-55	4.88-5.45-5.17
1900 Mass	18	2 M.	55-55-55	4.13-4.42-4.27

COVERERS, BUTTONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1832 Mass	8	338 F.	66-66-66	.33- .33- .33
1885 N. Y.	7	57 F.	59-59-59	.83-1.25-1.04
1886 Md.	3	1 F.	55-55-55	1.00-1.00-1.00
1886 N. J	3	6 F.	53-59-55	.75-1.33-1.06
1887 Mass	3	3 F.	58-59-58	.83-1.00- .92
1887 N. Y.	3	5 F.	57-67-60	.29-1.00- .78
1895 Mass	8	23 F.	60-60-60	1.00-1.00-1.00
1895 N. Y.	7	82 F.	59-59-59	.73-1.21-1.03

COVERERS, CIGAR BOXES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 N. Y.	3	2 F.	57-57-57	1.17-1.33-1.25
1887 Ill	3	1 F.	60-60-60	1.00-1.00-1.00
1887 Minn	3	2 F.	54-60-57	.67-1.17- .92
1887 N. Y.	3	3 F.	60-60-60	.42- .75- .54
1887 Ohio	3	5 F.	45-54-52	.67- .92- .77

COVERERS, COFFINS AND CASKETS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Minn	7	4 M.	60-60-60	.75-1.75-1.09
1888 N. Y.	331	8 M.	59-60-59	1.00-2.50-2.13
1888 N. Y.	331	9 F.	59-59-59	1.50-1.50-1.50
1890 N. Y.	333	57 M.	(a)	1.67-3.33-2.34
1891 N. Y.	333	63 M.	(a)	1.67-3.33-2.37
1893 Ohio	374	14 M.	b 60-60-60	.50-1.65-1.13
1893 Ohio	374	10 F.	(a)	1.25-1.25-1.25
1894 Ind	228	4 M.	54-54-54	2.13-2.13-2.13
1894 Ohio	375	10 F.	54-54-54	1.15-1.15-1.15
1895 N. Y.	8	2 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	18 F.	54-60-57	.70-1.25-1.01
1896 Minn	7	7 M.	60-60-60	1.36-2.25-1.66
1896 Minn	7	3 F.	60-60-60	1.02-1.14-1.09
1896 Ohio	377	48 M.	60-60-60	.71-2.00- .74
1896 Ohio	377	16 F.	54-54-54	.70- .70- .70

COVERERS, CORSET STEELS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Conn	7	5 M.	(a)	1.50-1.90-1.71
1887 N. Y.	3	2 F.	59-59-59	.38- .83- .61
1891 Mich	283	12 F.	(a)	.74- .74- .74
1895 Conn	7	3 M.	59-59-59	1.61-2.46-1.93

a Not reported.

b Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

COVERERS, PAPER BOXES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 N. J	7	4 F.	(a)	0.67-0.67-0.67	1891 N. Y	333	20 F.	(a)	1.00-1.00-1.00
1885 Ill	7	30 F.	(a)	.54- .97- .71	1893 Ohio	374	12 F.	57-57-57	1.00-1.00-1.00
1885 N. J	7	9 F.	60-60-60	1.07-1.39-1.25	1894 Ind	228	1 (a)	60-60-60	.66- .66- .66
1885 N. Y	7	20 F.	60-60-60	.93-1.43-1.20	1895 N. J	7	18 F.	50-60-55	.75-1.87-1.14
1886 N. Y	7	3 F.	59-59-59	.21- .33- .28	1895 N. Y	7	21 F.	60-60-60	.82-1.55-1.18
1886 Pa	3	2 F.	52-56-54	1.00-1.50-1.25	1896 Conn	8	2 F.	60-60-60	1.00-1.00-1.00
1887 N. Y	3	2 F.	b53-53-53	.67-1.00- .84	1896 Ill	7	50 F.	54-54-54	.53- .97- .73
1888 N. Y	331	42 F.	(a)	1.25-1.25-1.25	1896 N. Y	7	6 F.	59-59-59	.33- .33- .33
1890 N. Y	333	20 F.	(a)	1.00-1.00-1.00	1896 Ohio	377	18 F.	60-60-60	1.00-1.00-1.00
1891 Mich	283	11 F.	(a)	.45- .45- .45	1896 Pa	8	1 M.	60-60-60	1.50-1.50-1.50

COVERERS, TIN CANS.

1892	Ill	210	3	F.	60-60-60	.85-1.21-1.00	....	.....	.....	...	.....	.....

COVERERS, UMBRELLAS.

1839	England	562	(a)	F.	60-60-60	.97- .97- .97	1887	Mass	3	6	F.	56-57-56	.83-1.50-1.21
1849	England	562	(a)	F.	60-60-60	.49- .49- .49	1887	N. Y	3	14	F.	40-56-50	.42-1.67-1.16
1859	England	562	(a)	F.	(a)	.49- .49- .49	1887	Pa	3	4	F.	50-56-54	.71-1.24- .90
1887	Cal	3	3	F.	b54-54-54	.83-1.33-1.14							

CRABBERS, TEXTILES.

1883	Mass	273	44	M.	(a)	1.23-2.00-1.25	1886	Pa	7	3	M.	60-60-60	1.25-1.67-1.39
1883	Gr't Brit	273	(a)	M.	(a)	.77- .99- —	1896	Pa	7	2	M.	60-60-60	1.33-1.50-1.42
1883	Gr't Brit	273	(a)	F.	(a)	.85- .90- —	1896	England	139	(a)	M.	(a)	.89-1.05- —
1883	Gr't Brit	273	(a)	(a)	(a)	.49- .49- .49							

CRAMPERS, BUTTONS.

1830	Conn	8	4	M.	60-60-60	.90- .90- .90	1862	Mass	8	3	M.	60-60-60	1.00-1.00-1.00

CRAMPERS, NEEDLES.

1844	England	8	(a)	M.	66-66-66	1.25-1.25-1.25	1895	Conn	8	1	M.	60-60-60	1.25-1.25-1.25
1891	N. Y	333	2	M.	(a)	.75- .75- .75							

CRANE BOYS.

1876	Pa	381	4	M.	(a)	.75- .75- .75	1889	W. Va	5	1	M.	66-66-66	.85- .85- .85
1888	N. Y	331	1	M.	60-60-60	.90- .90- .90	1889	Belgium	5	(a)	M.	62-62-62	.25- .25- .25
1888	W. Va	5	1	M.	66-66-66	.85- .85- .85	1889	England	5	(a)	M.	66-66-66	.51- .51- .51
1889	N. Y	5	5	M.	72-72-72	1.13-1.13-1.13	1898	Pa	18	2	M.	(a)	1.20-1.20-1.20
1889	Ohio	5	4	M.	(a)	1.11-2.02-1.73	1899	Pa	18	2	M.	(a)	1.25-1.25-1.25
1889	Pa	5	1	M.	60-60-60	.55- .55- .55							

a Not reported.

b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CRANE MEN.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Germany	76	(a) M.	(a)	0.80-0.80-0.80	1891 N. Y.	335	4 M.	(a)	1.50-1.50-1.50
1874 Scotland	185	(a) M.	51-51-51	1.01-1.01-1.01	1891 Italy	638	(a) M.	48-48-48	.29- .39- —
1875 Pa	380	2 M.	66-66-66	2.42-2.42-2.42	1892 Mass	8	2 M.	60-60-60	1.75-2.20-1.98
1883 England	572	(a) M.	60-60-60	.97- .97- .97	1892 N. H	8	8 M.	54-54-54	2.00-2.00-2.00
1883 Gr't Brit	273	(a) M.	(a)	1.30-1.30-1.30	1892 Pa	20	5 M.	60-60-60	1.60-1.80-1.72
1883 Scotland	572	(a) M.	60-60-60	1.32-1.32-1.32	1892 England	113	(a) M.	(a)	.73- .81- —
1884 England	178	(a) M.	54-63 —	.78- .86- —	1892 England	119	(a) M.	53-53-53	.85-1.04- —
1884 Ireland	178	(a) M.	(a)	.63- .63- .63	1892 Scotland	632	(a) M.	(a)	.73- .73- .73
1885 Cal	1	6 M.	60-60-60	1.75-2.00-1.92	1893 Ohio	374	3 M.	60-60-60	1.37-1.37-1.37
1885 Ind	1	2 M.	60-60-60	1.60-1.60-1.60	1893 Pa	20	6 M.	60-60-60	1.60-1.80-1.70
1885 Gr't Brit	1	(a) M.	72-72-72	.84- .84- .84	1893 Lux'burg	128	(a) M.	(a)	.55- .55- .55
1886 N. J	325	17 M.	66-66-66	1.67-1.67-1.67	1894 N. H	8	2 M.	53-53-53	1.50-2.00-1.75
1886 England	604	(a) M.	54-54-54	.79-1.08- —	1894 Ohio	375	9 M.	54-60-56	1.25-2.15-1.79
1886 Germany	76	(a) M.	(a)	.62- .80- —	1894 Pa	20	5 M.	60-60-60	1.40-1.80-1.60
1886 Scotland	604	(a) M.	(a)	.75- .82- —	1894 Australia	425	(a) (a)	(a)	1.46-1.62- —
1887 Conn	4	3 M.	(a)	2.00-2.68-2.31	1894 England	590	(a) M.	(a)	1.10-1.18- —
1887 Conn	202	5 M.	(a)	1.52-1.52-1.52	1895 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1887 Fla	4	1 M.	(a)	1.73-1.73-1.73	1895 Md	8	2 M.	90-90-90	1.25-1.25-1.25
1887 Md	4	3 M.	(a)	1.92-1.92-1.92	1895 Mo	304	2 M.	(a)	1.33-1.75-1.54
1887 Mass	4	7 M.	(a)	3.00-3.85-3.56	1895 Ohio	376	14 M.	48-60-56	1.50-2.15-1.89
1887 Mo	4	1 M.	(a)	3.45-3.45-3.45	1895 Pa	20	4 M.	60-60-60	1.40-1.60-1.55
1887 N. Y	4	3 M.	(a)	2.87-2.87-2.87	1895 Tenn	8	1 M.	60-60-60	1.50-1.50-1.50
1887 Pa	4	8 M.	(a)	1.50-2.88-2.19	1895 Australia	426	(a) (a)	(a)	1.46-1.62- —
1887 R. I	4	1 M.	(a)	2.88-2.88-2.88	1895 England	591	(a) M.	(a)	1.03-1.41- —
1887 Wis	4	6 M.	(a)	3.26-3.26-3.26	1895 Scotland	591	(a) M.	(a)	.87-1.12- —
1888 N. J	326	1 (a)	60-60-60	2.65-2.65-2.65	1896 Mass	8	7 M.	60-60-60	1.50-4.00-2.66
1888 N. Y	331	4 M.	70-70-70	1.93-1.93-1.93	1896 Mass	14	6 M.	60-60-60	2.88-3.08-3.01
1888 W. Va	5	2 M.	66-66-66	1.10-1.10-1.10	1896 Minn	8	1 M.	60-60-60	3.07-3.07-3.07
1888 England	5	(a) M.	(a)	.49-1.05- —	1896 N. Y	8	1 M.	60-60-60	2.87-2.87-2.87
1889 Mo	5	1 M.	(a)	1.75-1.75-1.75	1896 Ohio	377	9 M.	60-60-60	1.60-1.96-1.88
1889 N. Y	5	45 M.	b60-72-70	.90-3.00-1.68	1896 Pa	394	2 M.	60-60-60	1.35-1.45-1.40
1889 Ohio	5	6 M.	66-66-66	.85-1.72-1.14	1896 Australia	427	(a) (a)	(a)	1.46-1.62- —
1889 Pa	5	7 M.	c66-66-66	1.00-1.80-1.52	1897 Ohio	377	5 (a)	60-60-60	1.50-1.55-1.53
1889 W. Va	5	9 M.	c66-66-66	1.10-2.00-1.70	1897 Pa	395	3 M.	(a)	1.79-1.86-1.82
1889 Belgium	5	(a) M.	d62-62-62	.26- .69- —	1897 Australia	428	(a) (a)	(a)	1.46-1.62- —
1889 England	5	(a) M.	e66-66-66	.20-1.32- —	1897 N. Zealand	672	(a) M.	(a)	1.83-1.83-1.83
1889 Germany	5	(a) M.	(a)	.48- .68- —	1897 Scotland	593	(a) (a)	57-60 —	.91- .95- —
1889 Italy	5	(a) M.	(a)	.88- .88- .88	1898 Australia	429	(a) (a)	(a)	1.46-1.62- —
1889 Scotland	5	(a) M.	(a)	.97-1.46- —	1898 N. Zealand	673	(a) M.	(a)	1.95-1.95-1.95
1890 N. Y	333	4 M.	(a)	1.50-1.50-1.50	1899 N. Zealand	674	(a) M.	(a)	1.95-1.95-1.95
1890 Gr't Brit	577	(a) M.	(a)	1.14-1.30- —	1899 Scotland	588	(a) (a)	(a)	1.34-1.46- —

CRATE MAKERS.

(f) England	561	(a) (a)	(a)	.61- .85- —	1884 Scotland	178	(a) M.	60-60-60	.73- .73- .73
(g) England	563	(a) (a)	(a)	.61- .85- —	1895 England	591	(a) M.	(a)	1.05-1.14- —
1866 England	566	(a) M.	63-63-63	1.01-1.10- —	1897 Va	404	28 M.	57-60-60	.70- .90- .72
(h) England	567	(a) M.	59-59-59	.97-1.22- —	1898 France	512	(a) M.	60-60-60	.68- .68- .68
1877 England	570	(a) M.	48-48-48	.81-1.22- —	1898 France	512	(a) F.	60-60-60	.39- .39- .39
1883 England	572	(a) M.	60-60-60	1.10-1.10-1.10					

CRATERS, CARRIAGES AND WAGONS.

1890 Mich	282	3 M.	60-60-60	1.00-2.00-1.42	1894 Ohio	375	15 M.	51-60-58	1.30-1.75-1.47
1890 N. Y	333	2 M.	(a)	1.75-1.75-1.75	1895 N. Y	8	14 M.	60-60-60	1.00-2.00-1.54
1891 N. Y	333	4 M.	(a)	1.75-1.75-1.75	1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1893 Ohio	374	12 M.	54-60-60	1.75-1.93-1.80	1896 Mich	288	102 (a)	60-60-60	.50-2.00-1.21
1894 N. Y	8	12 M.	60-60-60	1.25-2.67-1.68	1896 Ohio	377	8 M.	48-60-54	1.50-1.87-1.69

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 5 persons not reported.
d Applies to but 2 of the 5 wage quotations.
e Applies to but 4 of the 18 wage quotations.
f Average for 1855-57.
g Average for 1858-60.
h Average for 1867-68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CRATERS, FURNITURE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Mich	281	4 M.	60-60-60	1.06-1.40-1.22	1894 N. Y	8	3 M.	60-60-60	1.00-1.16-1.05
1890 Mich	282	2 M.	60-60-60	1.50-1.75-1.63	1895 N. Y	8	4 M.	60-60-60	1.25-1.50-1.34

CRATERS, STOVES AND RANGES.

1885 Mich	1	11 M.	60-60-60	1.00-1.75-1.36	1893 Ohio	374	20 M.	60-60-60	1.10-1.10-1.10
1890 Mich	282	13 M.	60-60-60	1.25-1.50-1.33	1894 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50

CRATERS, WOODEN GOODS.

1889 Mich	281	4 M.	60-60-60	1.00-1.10-1.03	1891 N. Y	333	2 M.	(a)	1.25-1.25-1.25
1890 N. Y	333	2 M.	(a)	1.25-1.25-1.25					

CREAM GATHERERS, DAIRY PRODUCTS.

1890 N. Y	333	3 M.	(a)	1.00-1.13-1.04	1896 Nebr	314	6 (a)	(a)	1.15-1.53-1.28
1891 N. Y	333	3 M.	(a)	1.00-1.13-1.04	1897 Nebr	314	2 M.	(a)	1.92-1.99-1.96
1894 Iowa	236	1 M.	60-60-60	1.00-1.00-1.00					

CREAM MAKERS, CONFECTIONERY.

1888 N. Y	331	1 M.	60-60-60	2.50-2.50-2.50	1891 N. Y	333	12 M.	(a)	1.33-3.00-1.88
1890 N. Y	333	11 M.	(a)	1.67-3.00-1.99	1893 Ohio	374	2 M.	60-60-60	1.66-1.66-1.66

CREASERS, AWNINGS, TENTS, FLAGS, AND SAILS.

1880 Mass	8	1 M.	60-60-60	3.00-3.00-3.00	1895 Mass	8	8 M.	54-60-59	2.50-3.00-2.91
1894 Mass	8	1 M.	60-60-60	3.00-3.00-3.00	1897 Mass	8	2 M.	60-60-60	3.00-3.00-3.00

CREASERS, CLOTH.

1886 Pa	7	2 F.	59-59-59	.44- .63- .54	1896 Pa	7	1 M.	58-58-58	1.43-1.43-1.43
1888 N. Y	331	1 (a)	59-59-59	1.67-1.67-1.67	1896 Pa	7	4 F.	58-58-58	.42-1.15- .79
1891 Mich	283	21 F.	(a)	.53- .92- .82					

CREASERS, LEATHER.

1877 Pa	8	3 M.	60-60-60	1.67-1.67-1.67	1896 Pa	8	6 M.	60-60-60	1.17-1.33-1.25
1880 Pa	8	3 M.	60-60-60	1.67-1.67-1.67					

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CREELERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 England ..	45	(a) F.	(a)	0.23-0.23-0.23	1885 Gr't Brit...	1	(a) F.	60-60-60	0.45-0.45-0.45
(b) England ..	561	(a) M.	(a)	.22- .22- .22	1886 Md.....	3	1 F.	60-60-60	.71- .71- .71
(b) England ..	561	(a) F.	(a)	.25- .25- .25	1886 Pa	7	18 M.	c 60-60-60	.42- .75- .57
1860 England ..	45	(a) F.	(a)	.23- .23- .23	1886 Pa	7	9 F.	60-60-60	.58- .58- .58
1863 England ..	565	(a) M.	(a)	.26- .26- .26	1886 England ..	600	(a) M.	57-57-57	.22- .40- —
1863 England ..	565	(a) F.	(a)	.22- .32- —	1886 England ..	600	(a) F.	57-57-57	.32- .39- —
1870 England ..	45	(a) F.	(a)	.24- .24- .24	1886 England ..	601	(a) M.	57-57-57	.44- .44- .44
1871 England ..	185	(a) M.	60-60-60	.22- .22- .22	1886 France	66	(a) F.	(a)	.34- .34- .34
1876 Pa.....	381	3 M.	(a)	.50- .50- .50	1886 Scotland ..	600	(a) F.	57-57-57	.36- .36- .36
1877 England ..	45	(a) F.	(a)	.25- .25- .25	1886 Scotland ..	601	(a) M.	56-56-56	.23- .23- .23
1877 England ..	570	(a) M.	28-28-28	.14- .14- .14	1887 Conn.....	202	61 M.	(a)	.56- .56- .56
1879 England ..	25	(a) (a)	56-56-56	.28- .34- —	1888 N. Y.....	6	2 F.	60-60-60	.46- .50- .48
1880 England ..	25	(a) (a)	56-56-56	.34- .34- .34	1888 Canada ...	470	(a) M.	60-60-60	.46- .46- .46
1880 England ..	571	(a) M.	(a)	.24- .24- .24	1889 Tenn.....	6	53 M.	66-66-66	.25- .40- .33
1881 England ..	27	(a) (a)	56-56-56	.28- .34- —	1890 N. C.....	6	1 F.	69-69-69	.50- .50- .50
1882 Conn.....	7	1 M.	66-66-66	.50- .50- .50	1892 Russia	692	(a) (a)	(a)	.10- .33- —
1882 Conn.....	7	2 F.	66-66-66	.67- .67- .67	1894 N. Y.....	8	1 F.	60-60-60	.83- .83- .83
1882 S. C.....	7	10 M.	69-69-69	.35- .35- .35	1895 N. Y.....	7	2 F.	60-60-60	.75- .75- .75
1882 England ..	33	(a) (a)	56-56-56	.28- .34- —	1895 Pa	8	1 M.	60-60-60	.83- .83- .83
1883 Tenn.....	7	5 M.	66-66-66	.25- .30- .27	1895 Tenn.....	7	13 M.	66-66-66	.25- .30- .27
1883 England ..	45	(a) F.	(a)	.28- .28- .28	1895 Tenn.....	7	3 F.	66-66-66	.65- .60- .63
1883 Gr't Brit...	273	(a) M.	(a)	.49- .49- .49	1896 Conn.....	8	3 M.	60-60-60	.90-2.25-1.35
1884 Ga	7	6 M.	66-66-66	.70- .70- .70	1896 Ga	7	12 M.	63-66-66	.55- .67- .63
1884 Ind	7	28 M.	(a)	.30-1.75- .51	1896 Ga	7	1 F.	63-63-63	.60- .60- .60
1884 Ind	7	9 F.	(a)	.30- .75- .55	1896 Ind	7	29 M.	65-65-65	.35- .95- .45
1884 Tenn.....	7	5 F.	66-66-66	.40- .50- .46	1896 Ind	7	1 F.	65-65-65	.35- .35- .35
1884 England ..	178	(a) M.	56-56-56	.65- .73- —	1896 N. C.....	8	4 F.	66-66-66	.40- .40- .40
1885 Md.....	1	6 M.	66-66-66	.52- .52- .52	1896 Pa	7	34 M.	60-60-60	.50- .75- .61
1885 N. Y.....	7	1 F.	60-60-60	.75- .75- .75	1896 Pa	7	8 F.	60-60-60	.58- .58- .58
1885 Pa	1	10 M.	60-60-60	1.07-1.07-1.07	1896 S. C	7	8 M.	66-66-66	.35- .35- .35

CRIMPERS, BOOTS AND SHOES.

1872 Mass	268	1	M.	60-60-60	3.00-3.00-3.00	1891 Me	257	10	(a)	(a)	1.86-1.86-1.86
1875 Mass	270	105	M.	(a)	1.56-2.51-2.13	1891 N. Y.....	333	20	M.	(a)	1.25-2.50-2.21
1879 Pa	384	1	M.	60-60-60	1.75-1.75-1.75	1892 Cal.....	196	1	M.	(a)	2.25-2.25-2.25
1883 Mass	273	30	M.	(a)	1.67-1.67-1.67	1892 France....	505	(a)	M.	60-66 —	.48- .82- —
1885 Me.....	7	1	M.	60-60-60	2.50-2.50-2.50	1893 Ohio	374	1	M.	(a)	1.00-1.00-1.00
1885 Mass	7	3	M.	59-59-59	2.86-2.92-2.88	1894 N. H.....	316	1	M.	60-60-60	1.50-1.50-1.50
1888 N. Y.....	331	9	M.	d 46-61-57	1.00-2.50-1.87	1895 Me	7	1	M.	60-60-60	3.00-3.00-3.00
1890 N. Y.....	333	25	M.	(a)	1.25-2.50-2.26	1895 Mass	8	3	M.	54-60-58	2.00-3.00-2.67

CRIMPERS, GLASS.

1884 Pa	2	45	M.	55-60-58	.60-1.00- .78	1890 Ohio	6	150	M.	50-50-50	.92- .92- .92
1885 Pa	1	72	M.	60-60-60	1.00-1.00-1.00						

CRIMPERS, TINWARE.

1885 N. Y.....	7	5	F.	59-59-59	.43- .63- .53	1892 Ill.....	210	2	F.	60-60-60	1.25-1.58-1.42
1887 Ill.....	3	3	F.	60-60-60	.92-1.42-1.11	1894 N. Y.....	8	2	M.	60-60-60	.50- .50- .50
1888 N. Y.....	331	27	M.	e 55-60-58	1.04-2.00-1.53	1895 Me.....	7	1	M.	60-60-60	1.50-1.50-1.50
1890 N. Y.....	333	17	M.	(a)	.75-1.50-1.33	1895 Pa	8	2	M.	60-60-60	1.50-1.50-1.50
1891 Mich.....	283	3	F.	(a)	.50- .50- .50	1896 N. Y.....	7	6	F.	59-59-59	.29- .41- .35
1891 N. Y.....	333	26	M.	(a)	.75-1.50-1.32	1896 Pa	8	2	M.	60-60-60	1.17-1.50-1.34
1891 N. Y.....	333	6	F.	(a)	1.22-1.22-1.22						

a Not reported.
b Average for 1855–57.
c Not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CROCHETERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Conn.	7	5 F.	66-66-66	0.50-1.00-0.75	1887 Minn	3	3 F.	60-60-60	0.58-0.83-0.72
1886 Conn.	2	8 F.	60-60-60	1.45-1.71-1.58	1888 Ind	3	1 F.	55-55-55	.50- .50- .50
1886 Pa	3	1 F.	55-55-55	1.00-1.00-1.00	1888 N. Y.	331	21 M.	(a)	.96- .96- .96
1887 Conn.	202	1 M.	(a)	1.00-1.00-1.00	1891 N. Y.	333	7 (a)	(a)	.58-1.17- .80
1887 Conn.	202	4 F.	(a)	.83-1.00- .91	1895 N. Y.	8	1 F.	60-60-60	.42- .42- .42
1887 Ill.	3	4 F.	48-53-50	.58-1.33- .85	1896 Ga	7	5 F.	63-63-63	.67-1.00- .83
1887 Mass	3	1 F.	(a)	.75- .75- .75	1896 Pa	7	4 F.	60-60-60	.89-1.13-1.01

CROFTERS, HAND, BLEACHING.

1850 England	45	(a) M.	(a)	1.11-1.11-1.11	1877 England	45	(a) M.	(a)	1.20-1.20-1.20
1860 England	45	(a) M.	(a)	1.17-1.17-1.17	1883 England	45	(a) M.	(a)	1.30-1.30-1.30
1870 England	45	(a) M.	(a)	1.29-1.29-1.29	1883 England	572	(a) M.	(a)	1.19-1.19-1.19

CROPPERS, IRON AND STEEL.

1885 Ohio	1	1 M.	60-60-60	2.75-2.75-2.75	1889 N. Y	5	7 M.	60-60-60	1.25-2.75-1.53
1887 Md.	4	1 M.	(a)	1.10-1.10-1.10	1895 Pa	8	1 M.	60-60-60	1.00-1.00-1.00

CRUCIBLE MEN, STEEL.

1889 Belgium	5	(a) M.	(a)	.64-1.26- —	....	.....	....	....	...	....	.....

CRYSTAL CUTTERS, GLASS.

1884 Germany	178	(a) M.	(a)	1.59-2.78- —	1894 France	508	(a) M.	72-72-72	.20- .87- —

CRYSTALLIZERS, DRUGS AND CHEMICALS.

1840 Pa	8	2 M.	72-72-72	1.00-1.00-1.00	1895 Pa	8	2 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	3 M.	(a)	1.75-1.75-1.75	1895 Wales	585	(a) M.	(a)	.95-1.14- —
1891 N. Y.	333	2 M.	(a)	1.75-1.75-1.75					

CULLERS, STAVES.

1885 Cal.	1	1 M.	60-60-60	2.25-2.25-2.25	1895 Mo.	304	14 M.	(a)	1.00-1.80-1.43
1888 N. Y.	331	1 M.	60-60-60	2.00-2.00-2.00	1895 N. Y.	8	1 M.	60-60-60	.75- .75- .75
1894 Ohio	375	1 M.	60-60-60	1.35-1.35-1.35	1896 Ohio	377	2 M.	60-60-60	.75- .75- .75

CUPOLA TENDERS' HELPERS, IRON AND STEEL.

1885 Ind	1	3 M.	60-60-60	1.25-1.25-1.25	1894 N. Y.	8	1 M.	60-60-60	1.25-1.25-1.25
1888 N. Y.	331	2 M.	54-54-54	1.40-2.00-1.70	1894 N. C.	8	2 M.	60-60-60	.75- .75- .75
1893 Mont.	307	1 (a)	60-60-60	2.75-2.75-2.75	1895 Ohio	374	3 M.	60-60-60	1.10-1.50-1.28
1893 Ohio	374	4 M.	60-60-60	1.65-2.50-2.10	1896 Ohio	377	1 M.	60-60-60	1.25-1.25-1.25

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUPOLA TENDERS, IRON AND STEEL.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1851 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1852 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1853 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1854 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1855 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1856 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1857 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1858 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1858 N. Y.	190	4 M.	60-60-60	1.00-1.17-1.04
1859 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1859 N. Y.	190	3 M.	60-60-60	1.00-1.17-1.06
1860 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1860 N. Y.	190	3 M.	60-60-60	1.00-1.17-1.06
1861 Ill.	190	1 M.	(a)	2.25-2.25-2.25
1861 N. Y.	190	3 M.	60-60-60	1.00-1.17-1.06
1862 Ill.	190	1 M.	(a)	2.50-2.50-2.50
1862 N. Y.	190	2 M.	60-60-60	1.00-1.17-1.09
1863 Ill.	190	1 M.	(a)	2.50-2.50-2.50
1863 N. Y.	190	2 M.	60-60-60	1.17-1.17-1.17
1864 Ill.	190	1 M.	(a)	2.50-2.50-2.50
1864 N. Y.	190	3 M.	60-60-60	1.17-1.38-1.26
1865 Ill.	190	1 M.	(a)	2.50-2.50-2.50
1865 N. Y.	190	2 M.	60-60-60	1.38-1.50-1.44
1866 Ill.	190	1 M.	(a)	2.50-2.50-2.50
1866 N. Y.	190	3 M.	60-60-60	1.38-1.50-1.42
1867 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1867 N. Y.	190	4 M.	60-60-60	1.38-1.67-1.48
1868 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1868 N. Y.	190	3 M.	60-60-60	1.50-1.67-1.61
1869 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1869 N. Y.	190	2 M.	60-60-60	1.67-1.84-1.76
1870 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1870 N. Y.	190	2 M.	60-60-60	1.67-1.84-1.76
1871 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1871 N. Y.	190	2 M.	60-60-60	1.67-1.84-1.76
1872 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1872 N. Y.	190	2 M.	60-60-60	1.67-1.84-1.76
1873 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1873 N. Y.	190	2 M.	60-60-60	1.75-1.84-1.80
1874 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1874 N. Y.	190	2 M.	60-60-60	1.84-2.00-1.92
1874 England	569	(a) M.	54-54-54	1.14-1.14-1.14
1875 Ill.	190	1 M.	(a)	1.75-1.75-1.75
1875 N. Y.	190	2 M.	60-60-60	1.84-2.00-1.92
1876 Ill.	190	1 M.	(a)	1.75-1.75-1.75
1876 N. Y.	190	2 M.	60-60-60	1.67-1.75-1.71
1876 Pa	381	3 M.	(a)	1.65-2.48-1.93
1877 Ill.	190	1 M.	(a)	1.75-1.75-1.75
1877 N. Y	190	2 M.	60-60-60	1.67-1.75-1.71
1877 Ohio	359	2 M.	(a)	2.00-2.75-2.38
1877 England	570	(a) M.	54-54-54	1.22-1.22-1.22
1878 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1878 N. Y.	190	2 M.	60-60-60	1.67-1.75-1.71
1878 Pa	383	4 M.	54-54-54	1.25-1.55-1.48
1879 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1879 N. Y.	190	3 M.	60-60-60	1.25-1.75-1.56
1880 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1880 N. Y.	190	4 M.	60-60-60	1.25-1.75-1.54
1881 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1881 N. Y.	190	2 M.	60-60-60	1.67-1.75-1.71
1881 Ohio	363	6 M.	60-60-60	1.40-2.00-1.82
1882 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1882 N. Y.	190	2 M.	60-60-60	1.67-1.67-1.67
1882 Ohio	364	27 (a)	48-60-59	1.00-2.50-1.86
1883 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1883 N. J	322	4 M.	(a)	2.17-2.17-2.17
1883 N. Y.	190	3 M.	60-60-60	1.50-1.67-1.61
1883 Ohio	365	1 M.	60-60-60	1.75-1.75-1.75
1883 England	572	(a) M.	60-60-60	1.46-1.46-1.46
1884 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1884 Mich	278	4 M.	(a)	1.75-1.75-1.75
1884 N. J	323	19 M.	60-60-60	1.50-2.67-2.15
1884 N. Y.	190	3 M.	60-60-60	1.50-1.67-1.61
1884 Ohio	366	1 M.	60-60-60	1.75-1.75-1.75
1884 England	178	(a) M.	b 54-54-54	.89-1.46- —
1885 Del	1	3 M.	60-60-60	1.67-1.75-1.72
1885 Ill.	1	16 M.	60-60-60	1.25-1.75-1.47
1885 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1885 Ind	1	6 M.	60-60-60	1.50-2.00-1.67
1885 Ky	1	1 M.	60-60-60	2.50-2.50-2.50
1885 N. J	1	2 M.	54-54-54	2.10-2.10-2.10
1885 N. J	324	45 M.	c 54-60-59	1.67-2.00-1.69
1885 N. Y.	1	31 M.	60-72-66	.93-2.33-2.07
1885 N. Y.	190	3 M.	60-60-60	1.25-1.67-1.53
1885 Ohio	1	31 M.	60-60-60	1.40-2.00-1.63
1885 Pa	1	1 M.	60-60-60	5.00-5.00-5.00
1885 Tenn.	1	1 M.	60-60-60	1.35-1.35-1.35
1885 W. Va	1	1 M.	60-60-60	2.25-2.25-2.25
1885 Gr't Brit	1	(a) M.	60-60-60	1.60-1.60-1.60
1886 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1886 N. J	325	41 M.	d 54-60-58	1.67-1.67-1.67
1886 N. Y.	190	5 M.	60-60-60	1.25-1.67-1.50
1886 England	604	(a) M.	e 54-54-54	.74-1.17- —
1886 Gr't Brit	604	(a) M.	f 54-54-54	.76- .91- —
1886 Ireland	604	(a) M.	54-54-54	.71- .71- .71
1886 Scotland	604	(a) M.	g 54-54-54	.84- .91- —
1887 Conn.	202	3 M.	(a)	1.74-1.74-1.74
1887 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1887 Md.	4	8 M.	(a)	1.35-1.75-1.58
1887 N. Y.	190	4 M.	60-60-60	1.50-1.67-1.58
1887 Ohio	369	129 M.	48-60-60	1.00-3.00-1.96
1887 Pa	4	2 M.	(a)	1.55-1.75-1.65
1887 Pa	390	27 M.	(a)	1.89-3.40-3.07
1888 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1888 N. J	326	11 M.	c 60-60-60	1.75-1.90-1.76
1888 N. Y.	190	4 M.	60-60-60	1.50-1.75-1.65
1888 N. Y.	331	26 M.	h 54-70-61	1.25-3.64-2.19
1888 W. Va	5	2 M.	63-63-63	1.70-1.70-1.70
1889 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1889 Mich	281	1 M.	60-60-60	1.33-1.33-1.33
1889 N. Y.	5	2 M.	72-72-72	2.35-2.37-2.36
1889 N. Y.	190	4 M.	60-60-60	1.50-1.75-1.65
1889 Ohio	5	4 M.	(a)	2.64-4.66-3.65
1889 England	5	(a) M.	(a)	.73- .73- .73
1890 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1890 Mich.	282	15 M.	60-60-60	1.50-2.50-1.93
1890 N. Y.	190	5 M.	60-60-60	1.50-1.75-1.65
1890 N. Y.	333	35 M.	(a)	1.25-2.57-1.74
1891 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1891 N. Y.	190	5 M.	60-60-60	1.50-1.75-1.65
1891 N. Y.	333	69 M.	(a)	1.25-2.50-1.72
1891 Ohio	372	30 M.	48-60-59	1.25-2.35-1.65
1892 Ill.	190	1 M.	(a)	2.00-2.00-2.00
1892 N. Y.	190	5 M.	60-60-60	1.50-1.75-1.65
1892 Pa	20	2 M.	60-60-60	1.90-2.20-2.05
1892 England	119	(a) M.	b 53-53-53	.93-1.30- —
1893 Mont.	307	1 M.	(a)	2.75-2.75-2.75
1893 Ohio	374	40 M.	i 48-60-57	1.25-3.00-1.77
1893 Pa	20	4 M.	60-60-60	1.90-2.20-2.05
1893 Lux'burg	128	(a) M.	(a)	.60- .60- .60
1894 Ind	228	1 M.	60-60-60	2.00-2.00-2.00
1894 N. Y.	8	5 M.	60-60-60	1.50-2.00-1.67
1894 N. C	8	4 M.	60-60-60	.88-1.00- .94

a Not reported.
b Applies to but 3 of the 4 wage quotations.
c Not including hours of 10 persons not reported.
d Not including hours of 15 persons not reported.
e Applies to but 7 of the 15 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 1 of the 5 wage quotations.
h Not including hours of 3 persons not reported.
i Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUPOLA TENDERS, IRON AND STEEL—Concluded.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1894	Ohio	375	43	M.	a48-60-58	1.25-2.75-1.81
1894	Pa	20	2	M.	60-60-60	1.70-2.00-1.85
1895	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1895	Ohio	376	49	M.	a52-60-59	1.00-2.75-1.92
1895	Pa	20	2	M.	60-60-60	1.70-2.00-1.85
1896	Ohio	377	46	M.	54-60-59	1.45-2.00-1.78
1896	Tenn	15	1	M.	(b)	1.50-1.50-1.50
1898	Nebr	314	1	(b)	54-54-54	2.65-2.65-2.65

CURBSTONE SETTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1896	Md	14	10	M.	60-60-60	3.00-3.00-3.00
1896	N. Y.	14	40	M.	54-60-58	2.99-4.50-3.15

CURERS, FISH.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1896	England	587	(b)	F.	(b)	.36- .73- —
1896	Scotland	587	(b)	F.	(b)	.49- .65- —

CURLERS, HATS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1863	N. Y.	8	1	M.	60-60-60	4.50-4.50-4.50
1880	N. Y.	7	5	M.	(b)	3.02-3.17-3.09
1881	Mo	7	1	M.	(b)	2.94-2.94-2.94
1883	N. J	322	7	M.	c60-60-60	1.67-5.00-3.69
1884	Mo	7	1	M.	(b)	2.28-2.28-2.28
1884	N. J	7	2	M.	(b)	1.67-3.00-2.34
1884	N. J	323	6	M.	d60-60-60	3.00-5.50-4.00
1885	N. J	7	7	M.	d48-48-48	.83-5.00-3.17
1885	N. J	324	2	M.	54-54-54	3.25-3.25-3.25
1885	Pa	1	3	M.	60-60-60	2.70-2.70-2.70
1885	Canada	467	(b)	M.	60-60-60	2.50-2.57- —
1886	N. J	325	10	M.	(b)	4.17-4.17-4.17
1888	N. J	326	21	M.	(b)	4.17-5.50-4.76
1888	N. Y.	331	42	M.	e44-60-52	3.33-9.17-6.99
1890	N. Y.	333	39	M.	(b)	.67-5.83-2.94
1891	N. Y.	333	39	M.	(b)	.67-5.83-2.95
1895	Mo	7	2	M.	60-60-60	2.00-2.47-2.24
1895	N. J	7	6	M.	48-60-54	3.00-4.17-3.31
1895	N. Y.	7	4	M.	57-57-57	3.04-3.83-3.30
1896	Conn	8	9	M.	60-60-60	3.50-3.50-3.50
1896	Mass	8	1	M.	60-60-60	2.00-2.00-2.00

CURLERS' HELPERS, HATS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1883	Mass	273	5	(b)	(b)	.83- .83- .83
1885	Pa	1	1	M.	60-60-60	.70- .70- .70

CURRIERS, LEATHER.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1812	Scotland	624	(b)	M.	(b)	1.30-1.30-1.30
1813	Scotland	624	(b)	M.	(b)	1.30-1.30-1,30
1814	Scotland	624	(b)	M.	(b)	1.30-1.30-1.30
1815	Scotland	624	(b)	M.	(b)	1.30-1.30-1.30
1816	Scotland	624	(b)	M.	(b)	1.22-1.22-1.22
1817	Scotland	624	(b)	M.	(b)	1.22-1.22-1.22
1818	Scotland	624	(b)	M.	(b)	1.22-1.22-1.22
1819	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1820	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1821	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1822	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1823	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1824	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1825	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1826	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1827	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1828	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1829	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1830	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1831	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1832	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1833	Scotland	624	(b)	M.	(b)	1.14-1.14-1.14
1839	England	562	(b)	M.	58-58-58	.73- .73- .73
1849	England	562	(b)	M.	58-58-58	.73- .73- .73
1856	Mass	190	2	M.	66-66-66	.83-1.00- .92
1857	Mass	190	2	M.	66-66-66	.83- .83- .83
1858	Mass	190	2	M.	66-66-66	1.17-1.17-1.17
1859	Mass	190	2	M.	66-66-66	1.17-1.33-1.25
1860	Mass	190	3	M.	66-66-66	1.00-1.17-1.06
1861	Mass	190	3	M.	66-66-66	1.00-1.33-1.11
1861	England	564	(b)	M.	63-63-63	.85-1.22- —
1862	Mass	190	3	M.	66-66-66	1.17-1.50-1.33
1863	Mass	190	3	M.	66-66-66	1.33-1.67-1.50
1863	England	565	(b)	(b)	(b)	.97-1.22- —
1864	Mass	190	3	M.	66-66-66	1.33-1.83-1.56
1865	Mass	190	4	M.	66-66-66	1.33-1.83-1.67
1867	Mass	190	1	M.	66-66-66	1.83-1.83-1.83
(f)	England	567	(b)	M.	(b)	.16-1.82- —
(f)	England	567	(b)	F.	63-63-63	.34- .34- .34
1869	Mass	266	4	M.	60-60-60	2.14-2.14-2.14

a Not including hours of 2 persons not reported.
b Not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 5 persons not reported.
f Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CURRIERS, LEATHER—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Mass	8	2 M.	60-60-60	3.00-3.00-3.00
1870 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1870 Germany	610	(a) M.	60-60-60	b .41- .57- —
1870 Spain	610	(a) M.	78-78-78	.53- .53- .53
1871 Mass	190	2 M.	60-60-60	1.67-2.00-1.84
1871 England	185	(a) (a)	(a)	1.32-1.41- —
1871 England	629	(a) (a)	(a)	1.34-1.34-1.34
1872 Mass	190	2 M.	60-60-60	1.67-2.00-1.84
1872 England	185	(a) (a)	54-54-54	1.21-1.49- —
1873 Mass	190	2 M.	60-60-60	1.67-1.83-1.75
1873 England	185	(a) M.	(a)	2.03-2.43- —
1874 Mass	190	2 M.	60-60-60	1.67-1.83-1.75
1874 Canada	185	(a) M.	59-59-59	1.00-1.67- —
1874 Germany	185	(a) M.	(a)	1.00-1.60- —
1874 Ireland	569	(a) M.	(a)	.32-1.09- —
1874 Scotland	177	(a) M.	56-56-56	1.17-1.42- —
1875 Mass	190	2 M.	60-60-60	1.67-1.67-1.67
1875 Mass	270	2 M.	(a)	2.00-2.00-2.00
1875 Scotland	177	(a) M.	56-56-56	1.17-1.42- —
1876 Mass	190	5 M.	60-60-60	1.33-1.67-1.53
1876 Scotland	177	(a) M.	56-56-56	1.17-1.42- —
1877 Mass	190	5 M.	60-60-60	1.50-1.67-1.60
1877 Ohio	359	8 M.	(a)	1.33-1.67-1.42
1877 Scotland	177	(a) M.	56-56-56	1.17-1.42- —
1878 Mass	190	6 M.	60-60-60	1.17-1.67-1.60
1878 Pa	383	6 M.	60-60-60	2.00-2.00-2.00
1878 Australia	177	(a) M.	(a)	2.03-2.84- —
1878 France	177	(a) M.	(a)	.80- .80- .80
1878 Scotland	177	(a) M.	56-56-56	1.17-1.42- —
1879 Mass	190	6 M.	60-60-60	1.33-1.67-1.53
1879 Pa	384	3 (a)	c 60-60-60	1.00-2.00-1.42
1879 Germany	545	(a) M.	d 78-78-78	.71- .83- —
1880 Mass	190	6 M.	60-60-60	1.33-1.83-1.53
1881 Mass	190	6 M.	60-60-60	1.33-1.50-1.47
1881 Ohio	363	52 M.	60-60-60	1.50-2.50-2.10
1882 Mass	190	5 M.	60-60-60	1.50-1.50-1.50
1882 Mo	294	2 M.	60-60-60	2.50-2.50-2.50
1882 Ohio	364	103 (a)	e 60-60-60	1.50-2.50-2.01
1883 Mass	190	6 M.	60-60-60	1.50-2.00-1.67
1883 N. J.	322	22 M.	60-60-60	1.50-3.33-2.18
1884 Mass	190	2 M.	60-60-60	1.50-2.00-1.75
1884 Mich	278	7 M.	(a)	1.50-2.50-1.93
1884 N. J.	323	42 M.	60-60-60	1.63-2.00-1.66
1884 Brazil	178	(a) M.	(a)	.41- .49- —
1884 Canada	178	(a) (a)	60-60-60	1.50-2.00- —
1884 Canada	466	(a) M.	60-60-60	1.36-1.36-1.36
1884 Germany	178	(a) M.	72-72-72	.67- .76- —
1884 Italy	178	(a) M.	(a)	.50- .70- —
1885 Cal	1	25 M.	60-60-60	2.40-2.50-2.44
1885 Del	1	7 M.	60-60-60	3.50-3.50-3.50
1885 Mass	2	25 M.	60-60-60	1.85-1.85-1.85
1885 N. Y.	7	1 M.	53-53-53	2.55-2.55-2.55
1885 Australia	175	(a) (a)	(a)	2.03-2.84- —
1885 Canada	467	(a) M.	51-60 —	1.46-1.47- —
1886 Mass	2	25 M.	60-60-60	2.00-2.00-2.00
1886 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1886 R. I	7	1 M.	60-60-60	2.71-2.71-2.71
1886 Australia	184	(a) M.	(a)	2.03-2.84- —
1886 Canada	468	(a) M.	59-59-59	1.47-1.47-1.47
1886 C. of G'd H.	483	(a) (a)	(a)	2.03-2.43- —
1887 Mass	190	2 M.	60-60-60	1.67-2.00-1.84
1887 Ohio	369	389 M.	60-60-60	.50-2.00-1.80
1887 Wis	409	155 M.	(a)	1.50-1.71-1.70
1887 Canada	469	(a) M.	62-62-62	1.50-1.52- —
1887 Germany	557	(a) (a)	66-66-66	.79-1.07- —
1888 Mass	190	3 M.	60-60-60	1.50-2.00-1.67
1888 N. J.	326	3 M.	(a)	3.33-4.17-3.61
1888 N. Y.	331	673 M.	f 58-59-59	1.13-2.33-1.78
1888 Canada	470	(a) M.	60-60-60	1.17-1.35- —
1888 C. of G'd H.	483	(a) (a)	(a)	.85-2.03- —
1888 Germany	558	(a) (a)	66-66-66	.87-1.59- —
1889 Mass	190	2 M.	60-60-60	1.50-1.50-1.50
1889 Australia	422	(a) (a)	54-54-54	1.82-1.82-1.82
1889 Canada	471	(a) M.	58-59 —	1.26-1.35- —
1889 Germany	550	(a) M.	72-72-72	.60- .95- —
1889 Portugal	691	(a) (a)	(a)	.26- .86- —
1890 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1890 N. Y.	333	143 M.	(a)	1.25-3.33-1.73
1890 Australia	423	(a) (a)	54-54-54	1.82-1.82-1.82
1890 C. of G'd H.	484	(a) M.	(a)	.49-3.24- —
1891 Mass	190	5 M.	60-60-60	1.50-1.67-1.53
1891 N. Y.	333	146 M.	(a)	1.15-4.17-1.85
1891 Belgium	457	(a) M.	63-63-63	.69- .69- .69
1891 Belgium	632	(a) (a)	(a)	.58- .68- —
1891 France	505	(a) M.	60-77 —	.77-1.93- —
1891 France	505	(a) F.	70-70-70	.53- .63- —
1892 Cal	196	18 M.	56-60-60	2.00-3.00-2.52
1892 Mass	190	5 M.	60-60-60	1.50-1.67-1.53
1892 Australia	424	(a) M.	(a)	1.52-2.13- —
1892 C. of G'd H.	486	(a) M.	(a)	1.22-3.24- —
1892 England	111	(a) (a)	(a)	g .12- .12- .12
1892 France	505	(a) M.	57-84 —	.39-1.54- —
1892 France	505	(a) M.	66-66-66	h .43-1.11- —
1892 France	505	(a) F.	60-63 —	.24- .39- —
1893 N. Y.	10	1 M.	60-60-60	1.17-1.17-1.17
1893 Ohio	374	107 M.	60-60-60	1.33-2.50-2.10
1893 Pa	10	1 M.	58-58-58	1.67-1.67-1.67
1893 England	583	(a) F.	(a)	.28- .32- —
1893 France	507	(a) (a)	60-66 —	.48-1.35- —
1894 N. H	316	2 M.	59-60-60	1.25-2.50-1.88
1894 N. Y.	8	13 M.	60-60-60	1.66-1.66-1.66
1894 Ohio	375	176 M.	i 48-60-55	1.20-3.00-1.94
1894 W. Va	406	1 M.	66-66-66	1.16-1.16-1.16
1894 Australia	425	(a) (a)	(a)	1.62-2.23- —
1894 C. of G'd H.	487	(a) M.	48-54 —	2.43-2.43-2.43
1894 France	129	(a) M.	(a)	1.16-1.93- —
1894 France	508	(a) M.	60-66 —	.77-1.35- —
1895 Conn	7	1 M.	60-60-60	1.83-1.83-1.83
1895 N. Y.	7	4 M.	53-53-53	2.50-2.68-2.56
1895 Ohio	376	168 M.	j 48-60-56	1.15-2.15-1.68
1895 Australia	426	(a) (a)	(a)	1.62-2.23- —
1895 France	509	(a) (a)	54-60 —	.58-1.61- —
1895 France	513	(a) M.	60-60-60	.11- .11- .11
1895 Gr't Brit	585	(a) M.	(a)	1.09-1.22- —
1895 Scotland	591	(a) M.	(a)	1.09-1.50- —
1896 Mass	8	15 M.	60-60-60	1.50-3.00-2.40
1896 Mo	305	55 M.	54-60-58	1.50-2.00-1.75
1896 Ohio	377	136 M.	48-60-52	1.20-2.00-1.51
1896 R. I	7	2 M.	60-60-60	1.83-2.50-2.17
1896 Australia	184	(a) M.	(a)	1.70-2.43- —
1896 Australia	427	(a) (a)	(a)	1.62-2.03- —
1896 Aust-Hun	436	(a) (a)	60-62 —	.61-1.02- —
1896 France	505	(a) M.	60-66 —	.72- .95- —
1896 France	510	(a) M.	60-60-60	.68- .68- .68
1896 France	510	(a) F.	60-60-60	.39- .39- .39
1896 France	510	(a) (a)	60-72 —	.29- .96- —
1897 Va	404	55 M.	60-66-61	1.11-1.35-1.27
1897 Australia	428	(a) (a)	(a)	1.22-2.23- —
1897 France	511	(a) M.	60-72 —	.69-1.45- —
1898 Australia	429	(a) (a)	(a)	1.22-2.23- —
1898 Aust-Hun	438	(a) (a)	62-62-62	.81- .81- .81
1898 Denmark	493	(a) M.	60-60-60	.87-1.34- —
1898 France	512	(a) M.	60-72 —	.48-1.49- —
1899 England	588	(a) (a)	(a)	1.14-1.22- —
1899 N. Zealand	681	(a) M.	48-48-48	2.03-2.03-2.03

a Not reported.
b And board and lodging.
c Not including hours of 2 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 11 persons not reported.
f Not including hours of 18 persons not reported.
g Per hour.
h And *gratifications*.
i Not including hours of 24 persons not reported.
j Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CURTAIN MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 England ..	570	(a) M.	(a)	1.01-1.82- —	1885 N. Y.....	330	10 F.	(a)	2.25-2.25-2.25
1878 England ..	177	(a) M.	(a)	1.01-3.24- —	1887 Ohio	3	1 F.	57-57-57	1.17-1.17-1.17
1883 Mass	273	5 M.	(a)	2.00-2.00-2.00	1887 Ohio	369	15 F.	60-60-60	.75-1.06- .90
1883 Mass	273	10 F.	(a)	1.33-1.33-1.33	1891 Mich	283	4 F.	(a)	.50- .50- .50
1884 England ..	178	(a) M.	54-54-54	.81-3.17- —	1895 N. Y.....	7	16 F.	48-48-48	1.33-1.33-1.33
1885 N. Y.....	7	12 F.	(a)	1.10-1.10-1.10					

CURVERS, FOUNDRY AND MACHINE SHOP.

1896	Pa	394	10	M.	60-60-60	1.40-1.43-1.40	....	.....	....	....	....	.....	.....

CUSHION MAKERS, CARRIAGES AND WAGONS.

1890	N. Y.....	333	6	M.	(a)	1.31-1.31-1.31	1895	N. Y.....	8	2	M.	60-60-60	1.00-1.00-1.00
1891	N. Y.....	333	7	M.	(a)	1.31-1.31-1.31	1895	N. Y.....	8	6	F.	60-60-60	.85- .85- .85
1893	Ohio	374	1	M.	42-42-42	2.00-2.00-2.00	1895	Ohio	376	5	M.	b45-45-45	1.50-2.00-1.60
1893	Ohio	374	1	F.	42-42-42	.50- .50- .50	1895	Ohio	376	4	F.	45-45-45	1.50-1.50-1.50
1894	N. Y.....	8	3	M.	60-60-60	1.50-2.50-2.08	1896	Mich.....	288	1	(a)	60-60-60	1.25-1.25-1.25
1894	N. Y.....	8	1	F.	60-60-60	1.00-1.00-1.00							

CUSHION MAKERS, FURNITURE.

1885	N. Y.....	330	16	F.	(a)	1.25-1.25-1.25	1891	N. Y.....	333	6	F.	(a)	.90- .90- .90
1890	N. Y.....	333	7	F.	(a)	.90- .90- .90							

CUTLERS.

1840	England ..	563	(a)	M.	60-60-60	.65-1.22- —	1878	Belgium ..	177	(a)	M.	(a)	.92- .92- .92
1850	England ..	563	(a)	M.	60-60-60	.65-1.22- —	1878	Denmark .	177	(a)	M.	(a)	.64- .64- .64
1853	France....	113	(a)	M.	(a)	.35- .77- —	1878	England ..	177	(a)	M.	(a)	1.33-1.33-1.33
1860	England ..	563	(a)	M.	60-60-60	.65-1.22- —	1878	France....	177	(a)	(a)	(a)	.52- .90- —
1860	Germany .	185	(a)	M.	(a)	.20- .20- .20	1878	France....	498	(a)	M.	(a)	.46-1.45- —
1861	Italy	610	(a)	M.	(a)	.29- .29- .29	1878	Germany .	177	(a)	M.	(a)	.65- .78- —
1864	Germany .	185	(a)	M.	(a)	.24- .24- .24	1878	Italy	177	(a)	M.	(a)	.65- .65- .65
1865	Germany .	185	(a)	M.	(a)	.36- .36- .36	1878	Scotland ..	177	(a)	M.	f51-51-51	1.00-1.08- —
1866	England ..	566	(a)	M.	60-60-60	1.01-1.01-1.01	1878	Switzerl'd.	177	(a)	M.	(a)	.77- .77- .77
1866	Germany .	185	(a)	M.	(a)	.36- .36- .36	1879	N. J	318	3	(a)	59-60-59	1.50-1.80-1.70
1867	Germany .	185	(a)	M.	(a)	.36- .36- .36	1879	France....	499	(a)	M.	(a)	.45- .67- —
(c)	England ..	567	(a)	M.	60-60-60	1.01-1.01-1.01	1879	France....	499	(a)	F.	(a)	.87-1.45- —
1868	Germany .	185	(a)	M.	(a)	.40- .72- —	1879	Germany .	545	(a)	M.	(a)	.48- .79- —
1869	Germany .	609	(a)	M.	(a)	.24- .97- —	1880	France....	500	(a)	M.	(a)	.47-1.54- —
1870	Germany .	610	(a)	M.	(a)	d.61- .71- —	1881	France....	501	(a)	M.	(a)	.48-1.54- —
1871	England ..	568	(a)	M.	54-54-54	.73-1.22- —	1881	Germany .	514	(a)	(a)	(a)	.49- .61- —
1871	England ..	629	(a)	(a)	58-58-58	.61-1.62- —	1882	France....	502	(a)	M.	(a)	.48-1.54- —
1871	France....	712	(a)	M.	(a)	.50- .97- —	1883	France....	503	(a)	M.	(a)	.49-1.54- —
1871	Germany .	185	(a)	M.	(a)	.30- .60- —	1883	Gr't Brit ..	273	(a)	M.	(a)	.81-1.01- —
1872	England ..	185	(a)	M.	54-54-54	.73-1.21- —	1883	Gr't Brit ..	273	(a)	(a)	(a)	.33- .41- —
1872	Germany .	185	(a)	M.	(a)	.51- .60- —	1884	Mich.....	278	3	M.	(a)	1.50-2.75-2.08
1874	Scotland ..	177	(a)	M.	e51-51-51	1.00-1.04- —	1884	Aust-Hun .	178	(a)	M.	72-72-72	.37- .93- —
1875	France....	177	(a)	(a)	(a)	.90-1.50- —	1884	Belgium ..	178	(a)	M.	g60-72 —	.50-1.26- —
1875	France....	496	(a)	M.	(a)	.43-1.45- —	1884	C. of G'd H.	178	(a)	(a)	60-60-60	1.17-1.83- —
1875	Scotland ..	177	(a)	M.	51-51-51	1.00-1.04- —	1884	China	178	(a)	M.	60-60-60	.15- .31- —
1876	France....	497	(a)	M.	(a)	.45-1.52- —	1884	Cuba	178	(a)	(a)	(a)	.93- .93- .93
1876	Scotland ..	177	(a)	M.	51-51-51	1.00-1.08- —	1884	Denmark .	178	(a)	M.	60-60-60	.72-1.47- —
1877	Ohio	359	30	M.	(a)	3.33-3.33-3.33	1884	England ..	178	(a)	M.	h53-57 —	1.00-1.62- —
1877	Scotland ..	177	(a)	M.	51-51-51	1.00-1.08- —	1884	France	178	(a)	M.	i60-66 —	.67-1.16- —

a Not reported.
b Not including hours of 1 person not reported.
c Average for 1867–68.
d And board and lodging.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 4 of the 6 wage quotations.
h Applies to but 6 of the 12 wage quotations.
i Applies to but 7 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 France	504	(a) M.	(a)	0.49-1.54- —	1889 Portugal	691	(a) (a)	(a)	0.04½-1.44- —
1884 Germany	178	(a) M.	b 60-72 —	.05½-1.07- —	1890 Mich	282	1 M.	60-60-60	2.50-2.50-2.50
1884 Germany	556	(a) (a)	57-60 —	.40-1.07- —	1890 N. Y	333	11 M.	(a)	1.67-2.00-1.97
1884 Ireland	178	(a) M.	c 56-56-56	1.22-1.46- —	1891 N. Y	333	19 M.	(a)	1.67-2.50-2.32
1884 Italy	178	(a) M.	d 60-66 —	.32- .77- —	1891 Australia	134	(a) M.	(a)	1.63-1.63-1.63
1884 Mexico	178	(a) (a)	(a)	1.00-3.00- —	1891 Aust-Hun	134	(a) (a)	(a)	.31- .31- .31
1884 Morocco	178	(a) (a)	60-72 —	.40-1.50- —	1891 China	134	(a) (a)	(a)	.36- .36- .36
1884 Persia	178	(a) (a)	(a)	.40- .40- .40	1891 France	505	(a) M.	60-60-60	.62-1.93- —
1884 Russia	178	(a) M.	60-72 —	.50-1.29- —	1891 France	522	(a) M.	(a)	.61-1.16- —
1884 Scotland	178	(a) M.	e 51-57 —	.89-1.36- —	1891 Germany	632	(a) M.	(a)	.76- .79- —
1884 Spain	178	(a) M.	60-63 —	.48-1.00- —	1892 Australia	424	(a) M.	(a)	1.22-2.43- —
1884 Switzerl'd	178	(a) M.	f 65-66 —	.58-1.26- —	1892 England	632	(a) M.	65-65-65	.41- .41- .41
1884 Turk. in A	178	(a) (a)	66-66-66	.20- .41- —	1893 Ill	10	1 M.	59-59-59	1.67-1.67-1.67
1884 Venezuela	178	(a) (a)	(a)	2.67-3.33- —	1893 Ohio	374	1 F.	42-42-42	.50- .50- .50
1885 France	494	(a) M.	(a)	.61-1.16- —	1893 Aust-Hun	448	(a) M.	66-66-66	.34-1.22- —
1885 Germany	547	(a) M.	(a)	.60- .95- —	1893 Aust-Hun	448	(a) M.	66-66-66	g .10- .34- —
1886 Conn	2	200 M.	59-59-59	1.70-1.88-1.79	1894 N. H	316	4 M.	45-59-50	.92-2.25-1.54
1886 Canada	468	(a) M.	57-57-57	1.60-1.60-1.60	1894 Ohio	375	8 M.	(a)	3.00-3.00-3.00
1886 France	495	(a) M.	(a)	.61-1.16- —	1894 France	134	(a) (a)	(a)	.86- .86- .86
1887 Conn	202	3 F.	(a)	1.00-1.00-1.00	1895 N. H	316	1 M.	50-50-50	1.25-1.25-1.25
1887 England	599	(a) M.	(a)	1.38-1.38-1.38	1895 Ohio	376	11 M.	60-60-60	2.00-3.00-2.73
1887 France	495	(a) M.	(a)	.61-1.16- —	1895 Ohio	376	1 F.	48-48-48	1.00-1.00-1.00
1887 Germany	557	(a) (a)	57-60 —	.48-1.11- —	1896 D. C	15	1 M.	(a)	3.33-3.33-3.33
1888 N. Y	331	104 M.	59-59-59	1.73-2.70-2.03	1896 France	505	(a) M.	60-72 —	.46- .74- —
1888 Canada	470	(a) M.	60-60-60	1.86-1.86-1.86	1896 France	505	(a) F.	72-72-72	.23- .23- .23
1889 England	631	(a) M.	56-75 —	.45-1.02- —	1898 Aust-Hun	438	(a) (a)	60-60-60	.81-1.69- —
1889 Germany	550	(a) M.	72-72-72	.71-1.07- —					

CUT-OFF MEN, BRICK, TILE, AND SEWER PIPE.

1888	N. Y	331	1	M.	60-60-60	1.25-1.25-1.25	1894	Aust-Hun	434	(a) M.	(a)	.20- .30- —
1893	Ohio	374	6	M.	48-60-55	1.00-1.35-1.18	1898	Aust-Hun	438	(a) (a)	60-60-60	.53- .59- —

CUT-OFFS, IRON AND STEEL.

1897	Pa	395	10	M.	(a)	1.11-2.04-1.55	1899	Pa	18	2 M.	(a)	1.50-1.50-1.50
1898	Pa	18	3	M.	(a)	.90-2.05-1.42						

CUTTERS, ARTIFICIAL FLOWERS.

1885	N. Y	7	11	M.	34-54-41	1.67-2.00-1.86	1892	France	505	(a) M.	60-60-60	.33- .65- —
1888	N. Y	331	2	M.	58-58-58	2.00-2.00-2.00	1893	England	632	(a) F.	(a)	.28- .57- —
1890	N. Y	333	18	M.	(a)	1.33-2.00-1.75	1894	France	90	(a) F.	60-60-60	.97- .97- .97
1891	N. Y	333	17	M.	(a)	1.33-2.00-1.74	1895	N. Y	7	12 M.	54-54-54	1.33-2.67-2.08
1891	France	505	(a)	F.	60-60-60	.97- .97- .97						

CUTTERS, AWNINGS, TENTS, FLAGS, AND SAILS.

1880	Mass	8	3	M.	60-60-60	3.00-3.50-3.17	1885	N. Y	7	2 M.	60-60-60	2.33-2.33-2.33
1880	Mass	8	2	F.	60-60-60	1.50-1.50-1.50	1886	Mo	3	1 F.	57-57-57	.58- .58- .58
1884	Ohio	7	1	M.	59-59-59	2.00-2.00-2.00	1887	Mass	3	1 F.	51-51-51	.50- .50- .50
1885	Ill	7	3	F.	60-60-60	1.42-1.67-1.53	1890	N. Y	333	1 F.	(a)	.80- .80- .80
1885	Mich	7	2	M.	60-60-60	2.00-2.50-2.25	1891	Mich	283	1 F.	(a)	.67- .67- .67

a Not reported.
b Applies to but 41 of the 47 wage quotations.
c Applies to but 2 of the 3 wage quotations.
d Applies to but 10 of the 12 wage quotations.
e Applies to but 4 of the 6 wage quotations.
f Applies to but 6 of the 10 wage quotations.
g And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, AWNINGS, TENTS, FLAGS, AND SAILS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1891 N. Y.	333	1 F.	(a)	0.80-0.80-0.80
1893 Ohio	374	3 M.	60-60-60	1.75-2.00-1.92
1894 Mass	8	10 M.	60-60-60	3.00-3.00-3.00
1894 Mass	8	1 F.	60-60-60	1.42-1.42-1.42
1894 N. Y.	8	2 M.	60-60-60	2.00-3.00-2.50
1894 Ohio	375	2 M.	60-60-60	2.00-2.50-2.25
1895 Mass	8	12 M.	60-60-60	2.50-3.00-2.94
1895 Mass	8	2 F.	60-60-60	1.42-1.50-1.46
1895 N. Y.	7	1 M.	60-60-60	3.33-3.33-3.33
1895 N. Y.	7	1 F.	54-54-54	1.33-1.33-1.33
1895 N. Y.	8	2 M.	60-60-60	1.50-3.00-2.25
1895 N. Y.	8	1 F.	60-60-60	0.90-0.90-0.90
1895 Ohio	376	3 M.	60-60-60	1.66-2.00-1.89
1895 Ohio	376	1 F.	60-60-60	1.50-1.50-1.50
1896 Ill	7	3 F.	48-48-48	1.42-1.83-1.64
1896 Mich.	7	1 M.	60-60-60	2.50-2.50-2.50
1896 Mo.	305	2 M.	60-60-60	2.79-2.79-2.79
1896 Mo.	305	1 F.	60-60-60	1.17-1.17-1.17
1896 Ohio	7	1 M.	59-59-59	2.00-2.00-2.00
1896 Ohio	377	3 M.	60-60-60	1.92-1.92-1.92
1897 Mass	8	5 M.	60-60-60	3.00-3.50-3.10
1897 Mass	8	1 F.	60-60-60	1.33-1.33-1.33

CUTTERS, BAGS.

1866 Mo	3	1 F.	60-60-60	1.00-1.00-1.00
1870 Pa	8	1 M.	60-60-60	2.33-2.33-2.33
1872 Pa	8	2 M.	60-60-60	2.33-2.33-2.33
1875 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1878 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50
1878 Pa	8	1 M.	60-60-60	2.33-2.33-2.33
1880 Pa	8	4 M.	60-60-60	2.33-2.50-2.42
1882 Mo	7	7 F.	59-59-59	.88-1.18-1.03
1884 N. J	323	2 M.	60-60-60	2.17-2.17-2.17
1885 N. Y.	1	2 M.	60-60-60	1.67-1.67-1.67
1885 N. Y.	7	1 M.	60-60-60	1.92-1.92-1.92
1886 Ill	7	4 M.	60-60-60	1.33-1.33-1.33
1886 Md.	3	1 F.	59-59-59	.50- .50- .50
1886 Mo	3	1 F.	60-60-60	.63- .63- .63
1886 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1886 Scotland	601	(a) M.	56-56-56	.75- .75- .75
1887 Ill	3	1 F.	60-60-60	.92- .92- .92
1890 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1890 N. Y.	333	12 M.	(a)	1.17-3.00-1.83
1891 N. Y.	333	14 M.	(a)	1.25-3.17-1.92
1892 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Ga	7	8 M.	66-66-66	1.17-1.33-1.24
1895 Mo	7	9 F.	59-59-59	.62-1.25- .88
1895 N. Y.	7	1 M.	60-60-60	2.00-2.00-2.00
1895 N. Y.	8	4 M.	54-60-57	2.00-2.17-2.08
1896 Ill	7	4 M.	54-54-54	1.33-1.33-1.33
1896 Pa	8	10 M.	60-60-60	2.00-2.33-2.13
1897 N. Y.	8	4 M.	54-60-57	2.00-2.00-2.00
1897 N. Y.	8	2 F.	60-60-60	1.00-1.00-1.00

CUTTERS, BAKERY PRODUCTS.

1857 N. Y.	8	2 M.	72-72-72	.67-1.67-1.17
1858 N. Y.	8	11 M.	72-72-72	1.33-1.50-1.39
1859 N. Y.	8	6 M.	72-72-72	.67-1.67-1.28
1893 Aust-Hun.	448	(a) M.	90-90-90	.58- .64- —
1893 Aust-Hun.	448	(a) M.	90-90-90	b .30- .37- —
1897 Ill	8	3 M.	60-60-60	1.17-2.17-1.83

CUTTERS, BONE, HORN, AND IVORY.

1840 England	563	(a) M.	60-60-60	.85- .93- —
1850 England	563	(a) M.	60-60-60	.85- .93- —
1860 England	563	(a) M.	60-60-60	1.05-1.14- —
1865 England	632	(a) M.	(a)	.10- .16- —
1883 Germany	555	(a) (a)	60-60-60	.36-1.01- —
1884 Germany	556	(a) (a)	60-60-60	.36-1.01- —
1885 N. Y.	1	3 M.	60-60-60	2.50-2.50-2.50
1885 N. Y.	7	12 M.	59-59-59	1.67-2.67-2.24
1887 Conn.	202	5 M.	(a)	2.60-2.60-2.60
1888 N. Y.	331	1 M.	59-59-59	2.50-2.50-2.50
1891 N. Y.	333	11 M.	(a)	2.00-3.33-2.94
1892 France	505	(a) M.	60-72 —	.24-1.06- —
1892 France	505	(a) F.	60-60-60	.58- .58- .58
1892 France	505	(a) (a)	60-60-60	.39- .72- —
1895 N. Y.	7	9 M.	57-57-57	2.08-3.50-2.46

CUTTERS, BONNET FRAMES.

1885 N. Y.	7	4 M.	60-60-60	3.00-3.00-3.00
1888 N. Y.	331	3 (a)	53-58-55	1.67-2.33-2.05
1890 N. Y.	333	1 M.	(a)	.83- .83- .83
1891 N. Y.	333	4 M.	(a)	.83-1.17-1.00
1895 N. Y.	7	8 M.	60-60-60	2.50-3.33-2.83

a Not reported.

b And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, BOOKBINDERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1852 Pa	190	3 M.	60-60-60	1.00-1.61-1.31
1853 Pa	190	3 M.	60-60-60	1.00-1.61-1.40
1854 Pa	190	2 M.	60-60-60	1.00-1.61-1.31
1855 Pa	190	3 M.	60-60-60	1.00-2.57-1.63
1856 N. Y.	8	1 M.	60-60-60	1.25-1.25-1.25
1856 Pa	190	3 M.	60-60-60	1.09-1.34-1.20
1857 Pa	190	2 M.	60-60-60	1.17-1.17-1.17
1858 Pa	190	2 M.	60-60-60	1.17-1.25-1.21
1859 Pa	190	2 M.	60-60-60	1.17-1.42-1.30
1860 N. Y.	8	4 M.	60-60-60	2.00-2.00-2.00
1860 Pa	190	2 M.	60-60-60	1.17-1.42-1.30
1861 Pa	190	2 M.	60-60-60	1.17-1.42-1.30
1862 Pa	8	4 M.	60-60-60	1.50-3.50-2.63
1862 Pa	190	2 M.	60-60-60	1.17-1.42-1.30
1863 Pa	190	3 M.	60-60-60	1.00-1.42-1.22
1864 Pa	190	3 M.	60-60-60	1.50-1.67-1.56
1865 Pa	190	3 M.	60-60-60	1.67-2.00-1.78
1866 Pa	190	3 M.	60-60-60	1.67-2.09-1.81
1867 Pa	190	3 M.	60-60-60	1.67-2.34-1.89
1868 Pa	190	4 M.	60-60-60	1.67-2.34-2.04
1869 N. Y.	190	1 (a)	59-59-59	1.67-1.67-1.67
1869 Pa	190	3 M.	60-60-60	2.15-2.34-2.22
1870 N. Y.	190	1 (a)	59-59-59	1.83-1.83-1.83
1870 Pa	190	2 M.	60-60-60	2.25-2.34-2.30
1871 N. Y.	190	1 (a)	59-59-59	1.83-1.83-1.83
1871 Pa	190	2 M.	60-60-60	2.09-2.38-2.24
1872 N. Y.	190	2 (a)	59-59-59	1.67-1.83-1.75
1872 Pa	190	3 M.	60-60-60	1.67-2.50-2.11
1873 N. Y.	190	2 (a)	59-59-59	1.83-2.00-1.92
1873 Pa	190	3 M.	60-60-60	1.84-2.50-2.17
1874 N. Y.	190	2 (a)	59-59-59	1.83-2.00-1.92
1874 Pa	190	2 M.	60-60-60	2.17-2.59-2.38
1875 N. Y.	190	2 (a)	59-59-59	2.00-2.00-2.00
1876 N. Y.	190	2 (a)	59-59-59	2.00-2.00-2.00
1877 N. Y.	190	2 (a)	59-59-59	2.00-2.00-2.00
1878 N. Y.	190	2 (a)	59-59-59	1.83-1.83-1.83
1879 N. Y.	190	2 (a)	59-59-59	1.83-1.83-1.83
1880 N. Y.	7	1 M.	60-60-60	2.00-2.00-2.00
1880 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1881 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1882 Mass	7	14 M.	59-59-59	.42-2.83-1.58
1882 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1883 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1884 N. J	323	1 M.	60-60-60	2.00-2.00-2.00
1884 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1885 Ill	7	4 M.	59-59-59	1.75-2.00-1.88
1885 Mass	7	1 M.	55-55-55	2.50-2.50-2.50
1885 Mass	7	2 F.	59-59-59	1.25-2.00-1.63
1885 N. J	7	1 M.	(a)	1.33-1.33-1.33
1885 N. Y.	7	1 M.	60-60-60	1.67-1.67-1.67
1885 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1885 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1886 Mo	3	1 F.	51-51-51	1.17-1.17-1.17
1886 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1887 Ill	3	1 F.	54-54-54	1.00-1.00-1.00
1887 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1887 Wis	409	4 (a)	(a)	2.00-2.00-2.00
1888 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1888 N. Y.	331	5 M.	55-59-58	1.00-3.00-2.40
1888 Pa	8	3 M.	54-54-54	2.00-2.00-2.00
1888 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1888 Canada	470	(a) M.	55-55-55	1.70-1.70-1.70
1888 Germany	558	(a) (a)	51-60 —	.95-1.19- —
1889 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1889 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1889 Canada	471	(a) M.	57-57-57	1.67-1.67-1.67
1890 Ill	19	12 M.	(a)	1.67-2.50-2.24
1890 Mass	8	3 M.	60-60-60	1.50-2.00-1.67
1890 N. Y.	190	1 (a)	59-59-59	1.58-1.58-1.58
1890 N. Y.	333	20 M.	(a)	1.00-3.00-1.75
1890 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1891 Ill	19	16 M.	(a)	2.00-2.50-2.30
1891 N. Y.	190	2 (a)	59-59-59	1.58-1.58-1.58
1891 N. Y.	333	18 M.	(a)	1.00-3.00-1.94
1891 Ohio	372	4 M.	59-59-59	1.50-1.50-1.50
1891 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1892 Ill	19	16 M.	59-59-59	2.33-2.75-2.44
1892 France	505	(a) M.	60-70 —	.48- .97- —
1893 Ill	19	22 M.	59-59-59	2.00-2.75-2.48
1893 N. Y.	10	2 M.	59-60-60	2.33-2.50-2.42
1895 Mass	7	24 M.	55-59-58	.67-3.00-1.70
1895 N. J	7	1 M.	60-60-60	1.33-1.33-1.33
1895 N. Y.	7	3 M.	59-60-60	2.50-2.67-2.56
1895 N. Y.	8	5 M.	60-60-60	2.00-2.50-2.30
1895 Pa	8	5 M.	60-60-60	.90-2.50-1.68
1896 Ill	7	5 M.	59-59-59	2.00-2.00-2.00
1896 Mich	7	1 M.	59-59-59	1.00-1.00-1.00
1896 N. Y.	7	2 M.	60-60-60	1.25-1.67-1.46
1896 N. Y.	8	10 M.	60-60-60	1.50-3.00-2.32
1896 Pa	7	1 M.	59-59-59	1.00-1.00-1.00

CUTTERS, BOOTS AND SHOES.

1866 England	566	(a) M.	66-66-66	.95- .95- .95
(b) England	567	(a) M.	57-57-57	.97- .97- .97
1871 England	185	(a) M.	59-59-59	.81-1.61- —
1871 England	568	(a) M.	57-57-57	.97- .97- .97
1871 England	629	(a) M.	c59-59-59	.89-1.01- —
1871 Scotland	629	(a) (a)	(a)	.97- .97- .97
1872 England	185	(a) M.	54-57 —	.73-1.01- —
1877 England	570	(a) M.	56-56-56	1.14-1.14-1.14
1878 Canada	177	(a) M.	(a)	3.83-3.83-3.83
1880 England	571	(a) M.	56-56-56	.34-1.09- —
1883 Mass	273	2 M.	(a)	1.67-1.83-1.75
1883 Mass	273	3 (a)	(a)	1.17-1.17-1.17
1883 England	572	(a) M.	54-54-54	1.12-1.14- —
1883 Gr't Brit	273	(a) M.	(a)	.97-1.22- —
1884 Aust-Hun	178	(a) (a)	60-60-60	.67-1.07- —
1884 Canada	178	(a) (a)	60-60-60	1.00-1.50- —
1884 Canada	466	(a) M.	59-59-59	1.28-1.28-1.28
1884 England	178	(a) M.	(a)	1.22-1.62- —
1884 Germany	178	(a) M.	(a)	.60- .83- —
1885 Me	7	38 M.	d60-60-60	.56-2.29-1.46
1885 Canada	467	(a) M.	57-57-57	1.33-1.38- —
1885 Germany	56	(a) (a)	(a)	.48- .83- —
1885 Germany	547	(a) (a)	(a)	.60- .95- —
1886 Mo	3	1 F.	59-59-59	.83- .83- .83
1886 Pa	7	3 M.	(a)	1.17-2.00-1.67
1886 Argentina	57	(a) (a)	60-60-60	.33- .50- —
1886 Canada	468	(a) M.	60-60-60	1.55-1.70- —
1886 England	604	(a) M.	(a)	.99-1.27- —
1886 Germany	184	(a) (a)	(a)	.77- .77- .77
1886 Scotland	604	(a) M.	(a)	.99- .99- .99
1887 Canada	469	(a) M.	52-52-52	1.18-1.34- —
1887 Germany	557	(a) (a)	60-60-60	.77- .77- .77
1888 N. Y.	331	9 M.	55-60-59	.83-1.08-1.06
1888 Canada	470	(a) M.	57-57-57	1.66-1.66-1.66
1888 Canada	470	(a) F.	60-60-60	.75- .75- .75
1889 Canada	471	(a) M.	54-55 —	1.74-1.78- —
1889 Canada	471	(a) F.	45-45-45	.59- .59- .59
1890 N. Y.	333	345 M.	(a)	.50-3.50-1.89

a Not reported.
b Average for 1867-68.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 16 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, BOOTS AND SHOES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Australia	423	(a) (a)	50-50-50	1.62-2.23- —
1890 Netherl'ds	666	(a) M.	(a)	.67-1.07- —
1891 Mich	283	8 F.	(a)	.89- .89- .89
1891 N. Y.	333	376 M.	(a)	.50-3.50-1.85
1891 France	505	(a) M.	63-72 —	.68-1.35- —
1891 France	505	(a) F.	66-72 —	.43- .97- —
1892 Australia	424	(a) (a)	(a)	.61-3.06- —
1892 C. of G'd H.	486	(a) M.	(a)	1.82-2.43- —
1892 France	11	(a) (a)	(a)	1.11-1.11-1.11
1892 France	505	(a) M.	b60-72 —	.48-1.30- —
1892 France	505	(a) F.	63-69 —	.29- .48- —
1892 Germany	184	(a) (a)	(a)	.83- .83- .83
1892 Russia	692	(a) (a)	(a)	.78-1.18- —
1892 Scotland	11	(a) (a)	(a)	1.14-1.14-1.14
1893 Ill.	10	1 M.	59-59-59	3.00-3.00-3.00
1893 England	578	(a) (a)	54-54-54	1.01-1.54- —
1893 England	583	(a) M.	(a)	1.05-1.05-1.05
1893 France	507	(a) M.	60-66 —	1.16-1.22- —
1893 France	507	(a) F.	66-66-66	.58- .77- —
1893 N. Zealand	668	(a) M.	48-48-48	2.03-2.03-2.03
1894 Me	260	6 M.	60-60-60	1.50-2.25-1.89
1894 N. H	316	1 M.	60-60-60	1.25-1.25-1.25
1894 N. Y.	8	9 M.	60-60-60	1.25-2.25-1.84
1894 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1894 Ohio	375	370 M.	c48-60-59	1.00-3.00-2.01
1894 Ohio	375	7 F.	d60-60-60	.75-2.00- .96
1894 Australia	425	(a) (a)	(a)	1.22-2.43- —
1894 C. of G'd H.	487	(a) M.	54-54-54	2.43-2.43-2.43
1894 England	590	(a) (a)	(a)	.81-1.14- —
1894 France	129	(a) M.	(a)	1.06-1.06-1.06
1894 France	129	(a) F.	(a)	.44- .58- —
1894 France	508	(a) M.	60-60-60	.97- .97- .97
1895 Me	7	47 M.	60-60-60	0.83-2.25-1.32
1895 Mass	8	24 M.	57-60-60	2.00-3.83-2.61
1895 Mo	304	125 M.	(a)	.41-4.17-1.72
1895 Ohio	376	339 M.	e42-60-59	1.30-3.00-2.19
1895 Ohio	376	18 F.	f60-60-60	1.15-2.00-1.29
1895 Australia	426	(a) (a)	(a)	1.22-2.43- —
1895 Canada	187	(a) M.	60-60-60	1.50-1.50-1.50
1895 England	591	(a) M.	(a)	1.22-1.22-1.22
1895 France	509	(a) (a)	60-60-60	1.06-1.16- —
1895 Scotland	591	(a) M.	(a)	.89-1.01- —
1896 Mo	305	312 M.	54-60-59	1.25-2.50-2.05
1896 Mo	305	6 F.	g60-60-60	.46-1.85- .91
1896 Ohio	377	450 M.	57-60-58	1.50-2.13-1.92
1896 Ohio	377	32 F.	57-60-60	1.22-2.00-1.27
1896 Pa	7	5 M.	60-60-60	1.25-2.00-1.67
1896 Australia	427	(a) (a)	(a)	1.22-1.82- —
1896 England	592	(a) (a)	(a)	1.05-1.14- —
1896 France	505	(a) M.	60-60-60	.97- .97- .97
1896 France	510	(a) (a)	57-57-57	.58- .58- .58
1896 Scotland	592	(a) M.	(a)	.97-1.22- —
1897 Va	404	3 M.	60-60-60	1.50-1.50-1.50
1897 Australia	428	(a) M.	(a)	1.01-2.53- —
1897 England	593	(a) (a)	(a)	1.22-1.30- —
1897 France	511	(a) M.	60-72 —	.80-1.25- —
1897 Scotland	587	(a) M.	(a)	1.09-1.09-1.09
1898 N. Y.	338	210 M.	60-60-60	2.00-2.67-2.50
1898 Australia	429	(a) M.	(a)	1.01-2.43- —
1898 France	512	(a) M.	60-72 —	.80-1.35- —
1898 France	512	(a) F.	60-60-60	.97-1.06- —
1898 N. Zealand	680	(a) (a)	48-48-48	1.62-1.62-1.62
1899 Mass	18	72 M.	58-58-58	1.75-3.00-2.16
1900 Mass	18	109 M.	58-58-58	1.75-3.00-2.40

CUTTERS, BUTTONS.

1830	Conn.	8	4	M.	60-60-60	1.00-1.00-1.00	1888	N. J	326	26	M.	(a)	1.75-2.50-2.19
1832	Mass	8	2	F.	66-66-66	.30- .30- .30	1888	N. Y.	331	4	M.	59-59-59	1.50-1.50-1.50
1840	Conn.	8	1	M.	60-60-60	.67- .67- .67	1890	N. J	8	1	M.	60-60-60	.67- .67- .67
1862	Mass	8	2	M.	60-60-60	1.50-1.50-1.50	1890	N. Y.	333	12	M.	(a)	1.67-2.50-2.10
1865	N. J	8	3	M.	60-60-60	.75- .75- .75	1891	N. Y.	333	22	M.	(a)	1.17-3.25-2.72
1865	Germany	609	(a)	(a)	66-66-66	.41- .53- —	1892	France	505	(a)	M.	48-72 —	.58- .68- —
1866	Germany	609	(a)	(a)	66-66-66	.41- .53- —	1895	Mass	8	7	2	M.	58-58-58	1.00-2.48-1.74
1867	Germany	185	(a)	(a)	66-66-66	.40- .52- —	1895	Mass	8	3	M.	60-60-60	1.50-2.00-1.83
1882	N. J	7	1	M.	(a)	3.00-3.00-3.00	1895	Mass	8	2	F.	60-60-60	1.00-1.00-1.00
1883	N. J	322	4	M.	60-60-60	2.00-2.50-2.25	1895	N. J	7	21	M.	55-59-57	1.00-3.00-2.12
1885	Mass	1	15	M.	60-60-60	1.50-1.50-1.50	1895	N. Y.	7	2	M.	59-59-59	2.00-2.00-2.00
1885	Mass	7	4	M.	60-60-60	1.50-2.50-1.75	1895	N. Y.	7	8	F.	59-59-59	1.00-1.00-1.00
1885	N. J	7	9	M.	50-59-53	2.08-2.58-2.23	1895	Aust-Hun	435	(a)	(a)	66-66-66	.53- .57- —
1885	N. J	324	1	M.	60-60-60	2.25-2.25-2.25	1896	Conn.	8	3	M.	60-60-60	.80-1.00- .93
1885	N. Y.	7	2	M.	59-59-59	2.08-2.08-2.08	1896	Pa	7	11	M.	58-58-58	.83-3.56-1.67
1885	N. Y.	7	6	F.	59-59-59	1.08-1.08-1.08	1896	Pa	7	3	F.	g58-58-58	.50- .83- .69
1886	Pa	7	1	M.	59-59-59	1.50-1.50-1.50	1896	Aust-Hun	436	(a)	(a)	65-65-65	.41- .74- —
1887	Mass	3	5	F.	58-59-58	.67- .92- .78	1898	Germany	153	(a)	(a)	60-60-60	.48- .59- —
1887	N. Y.	3	2	F.	58-59-59	.83-1.00- .92	1899	N. Y.	18	100	M.	59-59-59	1.67-2.50-1.86
1887	Germany	557	(a)	(a)	60-60-60	.63-1.98- —	1900	N. Y.	18	100	M.	59-59-59	1.67-2.50-1.86

CUTTERS, CELLULOID GOODS.

1885	N. J	7	18	M.	59-59-59	2.00-2.50-2.36	1895	N. J	7	16	M.	55-55-55	1.67-2.33-2.21

a Not reported.
b Applies to but 13 of the 16 wage quotations.
c Not including hours of 12 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 38 persons not reported.
f Not including hours of 17 persons not reported.
g Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, CIGAR BOXES.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1882 Pa	7	1	M.	(a)	2.33-2.33-2.33
1882 W. Va	7	1	M.	59-59-59	2.00-2.00-2.00
1887 N. Y	3	2	F.	b 59-59-59	1.60-2.00-1.80
1890 N. Y	333	21	M.	(a)	1.83-2.17-2.15
1891 N. Y	333	71	M.	(a)	1.33-2.25-1.58
1893 Mo	302	10	M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	1	M.	54-54-54	1.80-1.80-1.80
1895 Mo	304	11	M.	(a)	1.38-2.12-1.62
1895 N. Y	8	2	M.	60-60-60	.67-1.50-1.09
1896 Pa	7	1	M.	60-60-60	2.67-2.67-2.67
1896 W. Va	7	1	M.	59-59-59	2.00-2.00-2.00

CUTTERS, CLOTHING.

1840	Scotland	563	(a)	(a)	60-60-60	.97-4.26- —	1885	Minn	7	3	M.	57-57-57	1.67-2.00-1.89
1850	Scotland	563	(a)	(a)	60-60-60	.97-4.26- —	1885	N. J	7	3	M.	40-58-46	1.58-2.50-1.92
1860	Scotland	563	(a)	(a)	60-60-60	.97-4.26- —	1885	N. Y	2	68	M.	54-54-54	2.50-2.83-2.65
1869	France	609	(a)	(a)	(a)	.48-1.35- —	1885	N. Y	7	124	M.	f 51-60-57	.58-7.50-2.82
1870	N. Y	7	5	M.	52-52-52	2.08-3.33-2.50	1885	N. Y	7	9	F.	g 54-54-54	1.42-2.00-1.66
1870	Italy	610	(a)	M.	(a)	.87- .87- .87	1885	Ohio	7	3	M.	58-58-58	3.75-4.17-4.03
1870	Spain	610	(a)	(a)	(a)	.81-2.03- —	1885	Wis	7	3	M.	60-60-60	2.50-2.50-2.50
1871	England	629	(a)	M.	(a)	1.22-1.54- —	1885	Canada	178	(a)	(a)	60-60-60	3.33-3.33-3.33
1872	Mass	268	28	F.	60-60-60	1.67-2.00-1.71	1885	Canada	467	(a)	M.	59-59-59	3.02-3.03- —
1872	Ohio	361	2	M.	(a)	1.67-2.50-2.09	1885	Germany	547	(a)	M.	(a)	1.06-2.74- —
1872	Germany	185	(a)	M.	(a)	.78-1.20- —	1886	Cal	193	1	M.	54-54-54	4.00-4.00-4.00
1873	Conn	7	2	M.	60-60-60	1.50-2.00-1.75	1886	Ill	2	1350	M.	54-60-57	3.25-3.67-3.62
1873	Sweden	167	(a)	M.	(a)	1.28-1.28-1.28	1886	Ill	7	7	M.	54-54-54	2.50-3.33-2.76
1874	Canada	185	(a)	M.	(a)	3.33-3.33-3.33	1886	Ill	208	519	(a)	48-51-48	3.33-3.67-3.34
1874	Canada	185	(a)	(a)	(a)	2.50-2.50-2.50	1886	Iowa	7	2	M.	b 60-60-60	1.67-2.33-2.00
1878	Ohio	360	1	M.	72-72-72	3.33-3.33-3.33	1886	Iowa	232	1	M.	(a)	3.75-3.75-3.75
1878	Canada	185	(a)	M.	(a)	1.65-2.33- —	1886	Md	7	5	M.	57-60-59	1.50-2.50-1.93
1878	Italy	185	(a)	(a)	(a)	.58-1.15- —	1886	Mich	7	8	M.	c 54-60-57	1.50-2.67-1.79
1879	Mo	293	1	(a)	60-60-60	1.50-1.50-1.50	1886	Mo	3	2	F.	59-60-60	.50- .67- .59
1879	N. J	318	1	(a)	59-59-59	3.00-3.00-3.00	1886	N. Y	2	3108	M.	53-57-53	2.50-3.00-2.74
1879	Ohio	361	3	M.	(a)	2.67-3.00-2.89	1886	N. Y	7	8	M.	42-60-56	1.50-2.50-1.94
1880	Ga	7	1	M.	(a)	3.33-3.33-3.33	1886	Pa	7	15	M.	h 48-59-58	1.50-3.00-2.36
1880	N. Y	7	2	F.	(a)	1.83-1.83-1.83	1886	R. I	3	1	F.	60-60-60	.83- .83- .83
1880	N. C	7	2	M.	(a)	2.00-3.00-2.50	1886	Wis	2	530	M.	55-60-58	3.00-3.00-3.00
1880	Pa	7	7	M.	c 60-60-60	2.00-4.17-2.93	1886	Argentina	57	(a)	(a)	60-60-60	i 1.33-1.50- —
1880	Germany	546	(a)	M.	(a)	.48-1.07- —	1886	Canada	468	(a)	M.	55-56 —	2.23-2.23-2.23
1881	Mo	7	4	M.	54-54-54	2.50-2.50-2.50	1886	Germany	548	(a)	(a)	(a)	.48-3.65- —
1881	Ohio	363	1	M.	48-48-48	3.33-3.33-3.33	1886	Netherl'ds	456	(a)	(a)	72-72-72	1.21-2.61- —
1882	Ill	206	4	M.	54-54-54	2.00-2.00-2.00	1887	Ill	3	2	F.	54-56-55	.53- .75- .64
1882	Pa	7	2	M.	52-52-52	3.33-3.33-3.33	1887	N. Y	3	9	F.	49-60-55	.50-2.08-1.08
1882	Va	7	2	M.	54-54-54	2.33-3.00-2.67	1887	Ohio	369	222	M.	54-60-60	1.22-5.00-2.88
1882	W. Va	7	3	M.	b 60-60-60	3.67-5.00-4.56	1887	Ohio	369	2	F.	60-60-60	1.22-1.22-1.22
1883	Mass	273	79	M.	(a)	2.17-8.33-4.08	1887	Pa	3	1	F.	53-53-53	.58- .58- .58
1883	Mich	277	9	M.	(a)	3.33-3.33-3.33	1887	Wis	409	78	(a)	(a)	2.72-4.11-2.74
1883	N. J	322	7	M.	60-60-60	2.50-4.17-3.00	1887	Canada	462	(a)	M.	55-55-55	2.62-2.64- —
1883	N. C	7	2	M.	60-60-60	.83- .83- .83	1887	Germany	557	(a)	(a)	j 45-72 —	.48-2.74- —
1883	Pa	7	1	M.	60-60-60	1.67-1.67-1.67	1887	Netherl'ds	598	(a)	(a)	72-72-72	1.22-2.64- —
1883	Germany	555	(a)	(a)	57-57-57	.48-1.19- —	1888	N. Y	331	765	M.	k 48-74-57	1.00-8.33-3.18
1883	Gr't Brit	273	(a)	M.	(a)	1.46-3.24- —	1888	S. C	3	1	F.	60-60-60	.83- .83- .83
1884	Mich	278	13	M.	(a)	2.00-3.50-2.79	1888	Australia	421	(a)	M.	(a)	2.84-6.81- —
1884	N. J	323	1	M.	57-57-57	3.33-3.33-3.33	1888	Canada	470	(a)	M.	59-59-59	2.37-2.37-2.37
1884	N. Y	7	1	M.	(a)	2.50-2.50-2.50	1888	Germany	558	(a)	F.	51-60 —	.32- .91- —
1884	Pa	7	1	M.	48-48-48	3.00-3.00-3.00	1888	Germany	558	(a)	(a)	48-69 —	.60-4.56- —
1884	Canada	178	(a)	(a)	d 60-60-60	2.00-5.83- —	1889	Australia	422	(a)	M.	48-56 —	2.92-6.49- —
1884	England	178	(a)	M.	(a)	1.62-3.24- —	1889	Canada	471	(a)	M.	57-57-57	2.66-2.75- —
1884	Germany	556	(a)	(a)	60-60-60	.48-1.19- —	1889	Germany	550	(a)	M.	(a)	.60-3.42- —
1884	Ireland	178	(a)	M.	51-51-51	.49- .97- —	1889	Portugal	691	(a)	(a)	(a)	1.51-2.43- —
1884	Ireland	178	(a)	F.	51-51-51	.24- .61- —	1890	N. Y	333	1229	M.	(a)	.50-8.78-2.84
1884	Italy	178	(a)	M.	(a)	.44-1.11- —	1890	N. Y	333	3	F.	(a)	2.50-2.50-2.50
1884	Netherl'ds	178	(a)	M.	72-72-72	1.20-2.67- —	1890	Australia	423	(a)	M.	48-48-48	2.43-4.06- —
1885	Conn	7	2	M.	(a)	1.33-1.33-1.33	1890	Australia	423	(a)	(a)	48-48-48	1.42-5.68- —
1885	Ill	7	14	M.	e 54-54-54	1.67-3.67-2.81	1890	Netherl'ds	666	(a)	F.	(a)	.94- .94- .94
1885	Iowa	7	3	M.	53-63-56	1.50-3.08-2.42	1891	Mich	283	14	F.	(a)	.77- .77- .77
1885	La	7	11	M.	b 60-60-60	1.00-3.00-1.55	1891	N. Y	333	1340	M.	(a)	.50-9.58-2.90
1885	Md	7	15	M.	54-60-58	1.50-3.33-2.37	1891	Ohio	372	26	M.	54-60-57	1.25-4.50-2.62
1885	Mich	7	1	M.	60-60-60	2.17-2.17-2.17	1891	England	576	(a)	(a)	(a)	1.30-1.62- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Applies to but 5 of the 9 wage quotations.
e Not including hours of 3 persons not reported.
f Not including hours of 51 persons not reported.
g Not including hours of 8 persons not reported.
h Not including hours of 4 persons not reported.
i And board.
j Applies to but 26 of the 27 wage quotations.
k Not including hours of 505 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, CLOTHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 France	102	(a) M.	60-60-60	2.96-2.96-2.96
1891 France	505	(a) M.	b 54-60 —	1.35-1.76- —
1891 France	505	(a) M.	60-60-60	c 1.64-3.21- —
1891 France	505	(a) F.	54-54-54	1.35-1.54- —
1892 Cal	196	10 M.	54-57-56	2.50-4.00-3.19
1892 Me	258	1 F.	60-60-60	.83- .83- .83
1892 Australia	424	(a) (a)	(a)	1.22-6.89- —
1892 C. of G'd H.	486	(a) M.	(a)	3.73-5.44- —
1892 England	577	(a) M.	51-51-51	1.22-1.22-1.22
1892 England	632	(a) M.	48-48-48	1.34-1.34-1.34
1892 France	505	(a) M.	d 54-81 —	.58-2.32- —
1892 France	505	(a) F.	54-54-54	.63-1.30- —
1892 Scotland	632	(a) M.	55-55-55	2.03-3.24- —
1893 Ill	10	14 M.	48-60-55	1.17-5.83-2.73
1893 Md	10	11 M.	54-60-59	1.33-3.33-2.33
1893 Mo	302	140 M.	54-60-55	2.50-3.00-2.95
1893 Mont	307	1 F.	(a)	2.88-2.88-2.88
1893 N. Y.	10	19 M.	e 48-78-59	1.67-5.00-2.86
1893 N. Y.	10	3 F.	55-65-60	.67- .83- .78
1893 Ohio	374	364 M.	f 48-60-55	1.50-5.00-2.69
1893 Ohio	374	1 F.	54-54-54	.84- .84- .84
1893 Pa	10	7 M.	58-66-60	1.17-2.67-2.14
1893 Aust-Hun	448	(a) M.	66-66-66	.68-1.69- —
1893 England	578	(a) (a)	48-48-48	1.62-1.62-1.62
1893 England	583	(a) M.	(a)	1.46-1.62- —
1893 England	632	(a) F.	(a)	.59- .59- .59
1893 France	507	(a) (a)	60-66 —	.97-1.54- —
1893 Gr't Brit	578	(a) (a)	52-52-52	1.09-1.09-1.09
1893 Ireland	578	(a) (a)	50-50-50	1.01-1.01-1.01
1893 Ireland	632	(a) F.	(a)	.36- .49- —
1894 Ind	228	10 (a)	59-60-60	2.33-2.45-2.41
1894 Iowa	236	3 M.	60-60-60	.83-2.50-1.78
1894 N. H	316	2 M.	66-73-70	3.00-3.00-3.00
1894 N. Y.	8	5 M.	60-60-60	1.90-2.50-2.08
1894 N. C	8	2 M.	54-54-54	.75-2.00-1.38
1894 N. C	8	1 F.	54-54-54	.59- .59- .59
1894 Ohio	375	318 M.	g 48-60-55	2.00-6.50-2.80
1894 Ohio	375	4 F.	54-60-58	.84-2.00-1.34
1894 Australia	425	(a) (a)	(a)	1.42-4.06- —
1894 C. of G'd H.	487	(a) M.	h 54-54-54	2.24-3.65- —
1894 France	129	(a) M.	60-60-60	1.35-3.50- —
1894 France	506	(a) M.	i 57-75 —	.97-4.93- —
1894 France	506	(a) M.	66-72 —	j 1.11-4.02- —
1894 France	506	(a) M.	(a)	k .25- .29- —
1894 France	506	(a) F.	l 60-75 —	.89-1.48- —
1894 France	506	(a) F.	60-60-60	j 1.11-1.11-1.11
1894 Ireland	590	(a) (a)	(a)	1.01-1.22- —
1895 Conn	7	9 M.	59-60-59	1.60-2.50-1.88
1895 Ga	7	2 M.	60-60-60	2.00-3.33-2.67
1895 Ga	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Ill	7	30 M.	54-54-54	2.00-3.33-2.78
1895 Ill	8	6 M.	54-60-56	2.25-2.75-2.58
1895 Iowa	7	4 M.	54-54-54	2.17-3.00-2.60
1895 Ky	7	2 M.	60-60-60	2.00-2.25-2.13
1895 La	7	2 M.	60-60-60	2.50-3.00-2.75
1895 Md	7	14 M.	54-54-54	2.00-3.33-2.59
1895 Mass	8	6 F.	60-60-60	1.00-1.17-1.05
1895 Mo	7	5 M.	54-54-54	2.75-2.75-2.75
1895 Mo	304	1 M.	(a)	3.33-3.33-3.33
1895 N. Y.	7	192 M.	51-60-55	.50-6.67-3.25
1895 N. Y.	7	16 F.	54-60-59	1.33-2.00-1.70
1895 N. Y.	8	70 M.	54-60-56	.50-10.00-3.36
1895 N. C	7	4 M.	60-60-60	.83-4.17-2.08
1895 Ohio	7	8 M.	58-58-58	2.50-4.17-3.45
1895 Ohio	376	335 M.	n 51-60-55	1.50-4.25-2.82
1895 Ohio	376	2 F.	54-57-56	1.00-2.00-1.50
1895 Tenn	7	2 M.	60-65-63	1.00-1.50-1.25
1895 Va	7	2 M.	54-54-54	2.67-3.33-3.00
1895 Australia	426	(a) (a)	(a)	1.42-4.06- —
1895 Canada	187	(a) M.	60-60-60	2.17-5.00- —
1895 France	509	(a) (a)	60-60-60	1.11-1.11-1.11
1896 Ga	7	1 F.	57-57-57	4.17-4.17-4.17
1896 Ill	7	10 M.	51-57-54	1.67-3.33-2.58
1896 Iowa	7	4 M.	48-60-54	1.50-3.00-2.29
1896 Md	7	66 M.	57-60-60	1.00-2.67-1.83
1896 Mich	7	11 M.	55-60-59	1.33-3.00-2.01
1896 Minn	7	4 M.	57-57-57	1.50-2.33-1.88
1896 Mo	305	118 M.	48-60-56	1.67-3.50-2.62
1896 Mo	305	11 F.	54-57-55	1.00-2.50-1.27
1896 Nebr	314	9 M.	57-57-57	.83-2.50-1.66
1896 Nebr	314	1 F.	57-57-57	1.33-1.33-1.33
1896 N. Y.	7	11 M.	42-59-53	1.17-3.33-2.26
1896 N. Y.	336	18 M.	(a)	.83-3.33-1.92
1896 Ohio	377	407 M.	49-66-53	1.50-3.93-2.52
1896 Ohio	377	6 F.	48-56-53	.75-2.25-1.35
1896 Pa	7	40 M.	48-60-55	2.00-5.00-3.12
1896 W. Va	7	3 M.	60-60-60	4.17-5.83-5.28
1896 Wis	7	5 M.	54-54-54	2.33-2.67-2.47
1896 Australia	427	(a) (a)	(a)	1.42-3.24- —
1896 England	586	(a) M.	(a)	1.05-1.14- —
1896 France	505	(a) M.	60-60-60	.97- .97- .97
1897 N. Y.	337	2770 M.	o 54-57-56	1.00-5.00-2.97
1897 Va	404	14 M.	48-60-58	1.15-3.50-1.91
1897 Australia	428	(a) M.	(a)	.81-7.30- —
1897 Australia	428	(a) F.	(a)	1.62-2.43- —
1897 Australia	428	(a) (a)	(a)	1.62-2.02- —
1897 England	587	(a) M.	(a)	1.22-1.30- —
1898 N. J	329	25 M.	60-60-60	1.67-3.33-2.67
1898 N. Y.	338	1663 M.	p 54-54-54	1.25-5.00-2.76
1898 Australia	429	(a) M.	(a)	1.01-7.30- —
1898 Australia	429	(a) F.	(a)	1.62-2.43- —
1898 Australia	429	(a) (a)	(a)	1.62-2.03- —
1898 Germany	151	(a) (a)	(a)	.95-3.81- —
1899 Ga	18	3 M.	60-60-60	1.75-2.50-2.00
1899 N. C	18	3 M.	60-60-60	1.10-2.25-1.62
1900 Ga	18	1 M.	66-66-66	2.50-2.50-2.50
1900 Ga	18	3 F.	60-60-60	1.75-2.50-2.00
1900 N. C	18	3 M.	60-60-60	1.10-3.00-1.92

CUTTERS, COLLARS AND CUFFS.

1855	N. Y.	8	2	M.	66-66-66	1.67-2.00-1.84	1890	N. Y.	333	103	M. (a) .67-4.17-2.62
1871	England	629	(a)	M.	(a)	.81-1.62- —	1891	N. Y.	333	89	M. (a) .67-4.17-2.64
1885	N. Y.	7	11	M.	54-56-55	2.00-3.65-2.90	1895	N. Y.	7	22	M. 54-56-55 .42-3.39-2.12
1888	N. Y.	331	23	(a)	q 59-59-59	2.33-4.58-3.38	1895	N. Y.	8	6	M. 59-59-59 2.00-2.75-2.42

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And *gratifications*.
d Applies to but 7 of the 9 wage quotations.
e Not including hours of 1 person not reported.
f Not including hours of 15 persons not reported.
g Not including hours of 38 persons not reported.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 38 of the 52 wage quotations.
j And board.
k Per hour.
l Applies to but 4 of the 6 wage quotations.
n Not including hours of 56 persons not reported.
o Not including hours of 2,357 persons not reported.
p Not including hours of 1,060 persons not reported.
q Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, COMBS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1842	Venezuela	8	(a)	M.	60-60-60	2.00-2.00-2.00
1890	N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1891	N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1892	France	505	(a)	M.	72-84 —	0.48-0.48-0.48
1895	Mass	8	4	M.	60-60-60	1.67-2.00-1.77
1895	Pa	8	1	M.	72-72-72	1.67-1.67-1.67

CUTTERS, CONFECTIONERY.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	Iowa	7	2	F.	59-59-59	.58- .58- .58
1886	Mo	3	1	F.	60-60-60	.58- .58- .58
1890	N. Y.	333	3	M.	(a)	.50- .83- .61
1891	N. Y.	333	4	M.	(a)	.50-1.00- .83
1892	Cal.	196	1	F.	57-57-57	.67- .67- .67
1896	Iowa	7	1	M.	59-59-59	1.00-1.00-1.00
1896	Iowa	7	4	F.	59-59-59	.43- .66- .54

CUTTERS, CORSETS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1874	Conn.	185	10	M.	(a)	2.00-2.00-2.00
1884	Mich.	278	1	M.	(a)	2.75-2.75-2.75
1885	Ill.	7	7	M.	60-60-60	1.79-2.47-2.19
1885	Mass	7	4	M.	60-60-60	1.75-2.77-2.40
1885	N. Y.	7	2	M.	59-59-59	2.50-3.17-2.83
1886	Md.	7	1	M.	(a)	2.00-2.00-2.00
1887	Conn.	202	6	M.	(a)	3.33-3.33-3.33
1887	N. Y.	3	1	F.	56-56-56	1.00-1.00-1.00
1887	Ohio	3	1	F.	57-57-57	1.17-1.17-1.17
1887	Germany	557	(a)	(a)	48-60 —	.36-1.19- —
1888	N. J.	326	1	M.	(a)	2.00-2.00-2.00
1888	N. Y.	331	6	M.	b53-59-56	.63-1.83-1.23
1888	Canada	470	(a)	M.	57-57-57	1.50-1.50-1.50
1888	Canada	470	(a)	F.	54-54-54	.69- .69- .69
1888	Germany	558	(a)	(a)	48-60 —	.44-1.79- —
1890	N. Y.	333	4	M.	(a)	1.00-2.83-2.08
1891	N. Y.	333	5	M.	(a)	1.00-2.83-2.07
1892	France	505	(a)	M.	72-72-72	.65- .65- .65
1894	France	129	(a)	F.	60-60-60	.60- .60- .60
1895	Conn.	7	1	M.	60-60-60	1.92-1.92-1.92
1895	Mass	7	10	M.	58-58-58	1.50-3.91-2.75
1895	N. Y.	7	3	M.	59-59-59	2.50-3.67-3.06
1895	N. Y.	341	8	M.	(a)	.83-3.33-2.22
1896	Ill.	7	9	M.	60-60-60	1.96-2.63-2.29
1896	Md.	7	1	M.	54-54-54	2.50-2.50-2.50
1896	N. J.	8	10	M.	56-56-56	2.00-4.00-3.15
1896	N. Y.	8	3	M.	54-60-58	1.33-3.00-2.44
1897	N. J.	328	4	M.	(a)	2.50-2.50-2.50
1899	Aust-Hun.	161	(a)	M.	60-60-60	1.00-2.67- —
1899	Belgium	161	(a)	M.	54-54-54	1.29-1.29-1.29

CUTTERS, CORSET STEELS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1872	Conn.	185	3	(a)	(a)	1.25-1.25-1.25
1885	Conn.	7	3	M.	(a)	1.38-2.12-1.75
1885	Mass	7	4	F.	60-60-60	1.00-1.17-1.08
1891	Mich.	283	13	F.	(a)	.80- .95- .83
1895	Conn.	7	6	M.	59-59-59	1.23-1.72-1.56
1895	Mass	7	13	F.	58-58-58	.24-1.18- .91

CUTTER S-DOWN, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877	England	570	(a)	M.	50-66 —	.81-1.82- —
1880	England	571	(a)	M.	50-55 —	1.01-1.01-1.01
1883	England	43	(a)	(a)	(a)	1.09-1.09-1.09
1883	England	572	(a)	M.	60-60-60	.91- .91- .91
1885	Gr't Brit	1	(a)	M.	72-72-72	1.32-1.32-1.32
1888	England	5	(a)	M.	(a)	1.22-1.26- —
1889	England	5	(a)	M.	c72-72-72	1.12-1.74- —

CUTTERS, FISH, CANNED GOODS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1882	Me	7	6	M.	(a)	.92- .92- .92
1882	Me	7	12	F.	(a)	1.00-1.17-1.08
1887	Mass	3	5	F.	48-59-52	.67-1.00- .83
1895	Me	7	22	M.	60-60-60	.50-1.17- .87
1895	Me	7	9	F.	60-60-60	.50-1.33- .80

CUTTERS, FRUIT, CANNED GOODS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	Cal.	3	26	F.	d60-72-62	.67-1.50-1.00
1887	Ill.	3	1	F.	59-59-59	.67- .67- .67
1888	Cal.	194	26	F.	60-60-60	.67-1.50-1.02

a Not reported.
b Not including hours of 3 persons not reported.
c Applies to but 4 of the 8 wage quotations.
d Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, FUR.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 N. Y.	7	10 M.	72-72-72	3.00-3.00-3.00
1879 N. Y.	3	1 F.	(a)	1.00-1.00-1.00
1881 N. J.	7	2 M.	59-59-59	3.00-3.33-3.17
1884 N. J	7	1 M.	(a)	4.17-4.17-4.17
1884 Wis	7	10 M.	60-60-60	2.00-4.17-3.05
1885 Ill.	7	10 M.	54-60-57	2.33-4.17-2.98
1885 N. Y.	7	16 M.	b57-57-57	1.50-3.33-2.60
1885 Wis	7	6 M.	59-59-59	2.67-3.33-3.00
1886 Mich	7	13 M.	60-60-60	2.00-4.17-2.58
1886 Minn	2	98 M.	60-60-60	2.50-2.75-2.63
1886 N. Y.	2	37 M.	54-60-59	2.00-3.50-2.49
1886 N. Y.	3	1 F.	60-60-60	.71- .71- .71
1887 Minn	3	2 F.	59-60-60	1.04-1.17-1.11
1887 Wis	409	4 (a)	(a)	2.25-2.25-2.25
1888 N. Y.	331	16 M.	c54-60-58	1.91-3.71-3.05
1888 N. Y.	331	2 F.	59-59-59	2.50-2.50-2.50
1888 Canada	470	(a) M.	54-54-54	2.39-2.39-2.39
1888 Germany	558	(a) (a)	63-63-63	0.95-1.19- —
1890 N. Y.	333	267 M.	(a)	.26-9.00-2.85
1891 N. Y.	333	359 M.	(a)	.26-9.00-3.19
1891 France	505	(a) M.	54-66 —	1.25-1.74- —
1891 France	505	(a) F.	54-54-54	.77-1.16- —
1894 Ohio	375	4 M.	54-54-54	4.00-4.00-4.00
1894 France	129	(a) F.	(a)	.77- .77- .77
1895 Ill.	7	9 M.	54-54-54	2.33-4.17-2.94
1895 N. J	7	2 M.	53-54-54	5.83-6.67-6.25
1895 N. Y.	7	40 M.	54-60-56	2.50-3.67-3.07
1895 Ohio	376	10 M.	54-54-54	1.05-4.00-2.72
1895 Wis	7	40 M.	59-60-60	1.67-4.17-2.55
1896 Mich	7	17 M.	54-54-54	2.00-5.00-2.59
1896 N. Y.	7	3 M.	57-60-59	2.50-3.33-2.78
1896 Ohio	377	8 M.	54-54-54	2.25-2.25-2.25
1896 Ohio	377	6 F.	54-54-54	1.00-1.00-1.00

CUTTERS, GLASS (NOT SPECIFIED).

1860	Russia	609	(a)	(a)	(a)	.35- .42- —	1888	N. Y.	331	15 M. 58-59-58 2.33-3.00-2.64
1863	England	565	(a)	(a)	62-62-62	1.22-1.22-1.22	1889	Italy	95	(a) (a) (a) .60-1.00- —
1869	Russia	609	(a)	(a)	(a)	.32- .62- —	1890	Ind	6	13 M. 60-60-60 1.25-2.00-1.50
1871	Mass	267	6	M.	60-60-60	4.60-4.60-4.60	1890	N. Y.	6	3 M. (a) 3.26-3.33-3.28
1871	England	629	(a)	(a)	50-50-50	1.42-1.42-1.42	1890	N. Y.	333	15 M. (a) 2.33-2.50-2.41
1875	Belgium	169	(a)	M.	(a)	.89-1.11- —	1890	Ohio	6	3 M. 58-58-58 2.00-2.00-2.00
1876	Pa	381	12	M.	(a)	2.25-4.00-3.40	1890	Ohio	6	3 F. 58-58-58 .75- .75- .75
1876	Pa	382	15	M.	(a)	2.50-4.00-3.33	1891	N. Y.	333	13 M. (a) 2.33-2.50-2.42
1877	England	570	(a)	M.	54-54-54	1.14-1.14-1.14	1891	Belgium	457	(a) M. 60-63 — .17-1.00- —
1878	Ohio	360	2	M.	54-60-57	2.83-3.00-2.92	1891	Belgium	457	(a) F. 63-63-63 .23- .39- —
1878	Belgium	177	(a)	M.	(a)	.77- .92- —	1891	Belgium	632	(a) (a) (a) .99- .99- .99
1879	N. J	318	1	(a)	(a)	3.00-3.00-3.00	1891	France	505	(a) M. 66-66-66 .87-1.06- —
1879	Pa	384	40	M.	(a)	2.00-4.00-3.06	1891	France	505	(a) F. 66-66-66 .48- .97- —
1881	Conn	2	25	M.	60-60-60	2.75-2.75-2.75	1892	Ind	227	33 M. 48-60-55 2.08-4.33-3.09
1882	Ohio	364	4	(a)	48-60-57	2.00-4.50-2.88	1892	Ohio	373	7 M. 55-55-55 .83-2.00-1.00
1883	Mass	273	46	M.	(a)	1.33-3.50-2.39	1892	Ohio	373	26 F. (a) .90-1.10- .98
1883	Mass	273	6	F.	(a)	.75- .83- .78	1892	Ohio	373	28 (a) 47-60-54 4.00-5.50-4.79
1883	Mass	273	16	(a)	(a)	.50-1.67- .90	1892	Australia	424	(a) M. (a) 2.43-2.43-2.43
1883	N. J	322	134	M.	d48-60-59	1.50-3.83-3.21	1892	France	505	(a) M. 60-60-60 .65- .92- —
1883	Ohio	365	4	M.	50-72-61	3.79-4.58-4.16	1892	France	505	(a) F. 60-69 — .29- .58- —
1883	England	572	(a)	M.	54-54-54	1.22-1.22-1.22	1892	Russia	692	(a) (a) (a) .32- .40- —
1883	Germany	47	(a)	M.	(a)	.83- .83- .83	1893	N. Y.	10	1 M. 53-53-53 2.00-2.00-2.00
1883	Scotland	572	(a)	M.	56-56-56	1.22-1.22-1.22	1893	Ireland	578	(a) M. 54-54-54 1.14-1.14-1.14
1884	Mich	278	1	M.	(a)	2.50-2.50-2.50	1893	Netherl'ds	632	(a) M. 72-72-72 .67- .67- .67
1884	N. J	323	19	M.	e60-60-60	1.15-3.83-3.41	1894	Ga	8	1 M. 60-60-60 2.50-2.50-2.50
1884	Ohio	366	2	M.	67-67-67	5.21-5.21-5.21	1894	Ind	228	13 M. 48-60-54 1.66-6.00-3.84
1884	Aust-Hun	178	(a)	M.	66-66-66	.41- .54- —	1894	Ohio	375	2 M. (a) 2.00-2.00-2.00
1884	Belgium	178	(a)	M.	60-72 —	.81-1.12- —	1894	Australia	425	(a) (a) (a) 2.43-2.43-2.43
1884	Germany	178	(a)	M.	60-60-60	.48- .95- —	1894	France	129	(a) M. 60-60-60 .87-2.90- —
1884	Italy	178	(a)	M.	48-84 —	.22-1.93- —	1894	France	129	(a) F. 60-60-60 .29- .97- —
1884	Spain	178	(a)	M.	60-60-60	1.05-1.34- —	1895	N. Y.	8	4 M. 60-60-60 1.75-2.00-1.94
1885	N. J.	324	2	M.	60-60-60	2.88-4.17-3.53	1895	Ohio	376	6 M. 60-60-60 1.50-2.75-2.17
1885	Ohio	1	3	M.	60-60-60	2.00-2.00-2.00	1895	Australia	426	(a) (a) (a) 2.43-2.43-2.43
1885	Pa	1	12	M.	60-60-60	2.50-3.00-2.75	1896	Ohio	377	1 M. 60-60-60 2.00-2.00-2.00
1885	W. Va	1	2	M.	60-60-60	2.25-2.25-2.25	1896	Pa	7	2 M. 48-60-54 2.33-3.33-2.83
1886	N. Y.	2	111	M.	60-60-60	3.00-3.00-3.00	1896	Australia	427	(a) (a) (a) 1.82-2.43- —
1886	Pa	3	1	F.	60-60-60	1.00-1.00-1.00	1897	Ohio	377	126 M. 48-60-59 1.75-5.00-2.83
1886	Pa	7	2	M.	e48-48-48	2.33-3.00-2.67	1897	Ohio	377	3 F. 60-60-60 .75- .75- .75
1886	Belgium	456	(a)	(a)	(a)	.89-1.04- —	1898	Germany	151	(a) (a) (a) .71- .95- —
1887	Ohio	369	23	M.	60-60-60	1.50-2.50-2.33				

a Not reported.
b Not including hours of 15 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 104 persons not reported.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, GLOVES AND MITTENS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Germany	185	(a) M.	(a)	1.80-3.60- —
1872 Germany	185	(a) M.	(a)	.72-1.44- —
1872 Germany	185	(a) F.	62-62-62	.20- .26- —
1872 Germany	185	(a) (a)	66-66-66	.43- .43- .43
1872 Italy	185	(a) M.	(a)	.95- .95- .95
1875 Ohio	7	1 M.	(a)	2.00-2.00-2.00
1882 Mo	294	1 (a)	60-60-60	2.75-2.75-2.75
1884 Mo	7	1 M.	(a)	2.50-2.50-2.50
1884 Aust-Hun	178	(a) M.	60-60-60	.33-1.60- —
1884 Brazil	178	(a) M.	(a)	.49- .74- —
1884 Canada	466	(a) M.	59-59-59	2.17-2.17-2.17
1884 Germany	178	(a) M.	(a)	.72- .72- .72
1884 Italy	178	(a) M.	b 60-72 —	.48-1.20- —
1885 N. Y	7	10 M.	53-55-53	2.50-3.33-2.77
1885 N. Y	7	5 F.	55-55-55	1.00-1.00-1.00
1885 Wis	7	4 M.	59-59-59	1.50-2.00-1.81
1885 Germany	69	(a) (a)	(a)	.48- .48- .48
1886 Ill	7	24 M.	c 60-60-60	1.00-2.50-1.66
1886 N. Y	331	2 M.	59-59-59	2.00-2.00-2.00
1886 Germany	69	(a) (a)	(a)	.60- .60- .60
1887 N. Y	3	1 F.	53-53-53	1.00-1.00-1.00
1887 Wis	409	7 (a)	(a)	2.50-2.50-2.50
1887 Canada	469	(a) M.	60-60-60	2.32-2.37- —
1888 N. Y	331	142 M.	d 53-59-59	1.25-3.00-2.10
1888 Canada	470	(a) M.	58-58-58	1.90-1.90-1.90
1889 Canada	471	(a) M.	57-57-57	2.42-2.42-2.42
1890 N. Y	333	518 M.	(a)	.83-3.00-1.92
1891 N. Y	333	453 M.	(a)	.83-3.20-2.05
1891 Belgium	457	(a) M.	66-66-66	.09½-1.02- —
1891 Belgium	632	(a) F.	(a)	.35- .35- .35
1891 Belgium	632	(a) (a)	(a)	1.02-1.02-1.02
1891 France	505	(a) M.	57-60 —	.97-1.45- —
1892 France	115	(a) M.	60-60-60	.89-1.18- —
1892 France	505	(a) M.	54-60 —	.77-1.74- —
1892 Spain	115	(a) (a)	72-72-72	1.54-1.74- —
1893 N. Y	10	1 M.	58-58-58	2.08-2.08-2.08
1894 N. Y	8	1 M.	60-60-60	1.65-1.65-1.65
1894 France	129	(a) M.	(a)	1.35-1.84- —
1895 Mass	8	1 F.	60-60-60	1.10-1.10-1.10
1895 Mo	7	1 M.	60-60-60	2.50-2.50-2.50
1895 N. Y	7	17 M.	53-55-53	2.35-4.67-2.88
1895 N. Y	7	14 F.	55-55-55	.77-1.33-1.06
1895 N. Y	8	8 M.	60-60-60	.75-2.49-1.60
1895 Wis	7	6 M.	59-59-59	1.33-2.00-1.72
1895 Wis	413	1 (a)	60-60-60	2.00-2.00-2.00
1896 Ill	7	57 M.	54-57-55	1.00-2.50-1.67
1896 Ohio	7	1 M.	60-60-60	2.00-2.00-2.00
1897 N. Y	337	150 M.	60-60-60	1.75-1.75-1.75
1898 N. Y	338	387 M.	59-59-59	1.50-2.50-2.00
1898 Germany	151	(a) (a)	(a)	.48- .95- —

CUTTERS, GOLD LEAF.

1885	N. Y	7	49	F.	c 52-52-52	.83-1.50-1.22	1890	N. Y	333	14 F.	(a) .83-1.00- .95
1886	Pa	3	12	F.	48-59-58	.58-1.08- .78	1891	N. Y	333	14 F.	(a) .83-1.00- .95
1888	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1895	N. Y	7	38 F	52-60-53 .83-1.38-1.13
1888	N. Y	331	6	M.	46-46-46	1.17-1.17-1.17	1896	N. Y	8	1 F.	54-54-54 .60- .60- .60
1888	N. Y	331	5	F.	53-53-53	2.00-2.00-2.00					

CUTTERS, HARNESS.

1860	Conn	8	11	M.	60-60-60	2.00-2.00-2.00	1892	C. of G'd H.	486	(a) M.	(a)	1.42-2.43- —
1861	Conn	8	2	M.	60-60-60	2.00-2.00-2.00	1893	Ohio	374	9 M.	60-60-60	1.75-2.50-2.28
1862	Conn	8	1	M.	60-60-60	2.00-2.00-2.00	1894	N. H	316	1 M.	60-60-60	1.67-1.67-1.67
1863	Conn	8	2	M.	60-60-60	2.50-3.50-3.00	1894	N. Y	8	2 M.	60-60-60	2.50-2.50-2.50
1865	Mass	8	1	M.	60-60-60	3.00-3.00-3.00	1894	Ohio	375	9 M.	60-60-60	1.75-2.50-2.29
1870	Conn	8	1	M.	60-60-60	3.00-3.00-3.00	1894	C. of G'd H.	487	(a) M.	51-60 —	1.01-2.03- —
1875	Ohio	8	1	M.	60-60-60	2.00-2.00-2.00	1895	Conn	7	8 M.	60-60-60	2.00-3.00-2.44
1880	Germany	546	(a)	M.	(a)	.40- .95- —	1895	Conn	8	5 M.	60-60-60	2.50-3.50-2.70
1882	N. J	321	2	M.	(a)	2.50-2.50-2.50	1895	Mass	8	2 M.	60-60-60	2.50-3.00-2.75
1885	Conn	7	7	M.	60-60-60	1.17-2.83-2.00	1895	Mo	304	1 M.	(a)	2.67-2.67-2.67
1886	Ill	208	12	M.	60-60-60	2.00-2.00-2.00	1895	N. J	8	12 M.	60-60-60	1.00-2.50-1.79
1887	Germany	557	(a)	(a)	60-60-60	1.07-1.07-1.07	1895	N. Y	8	3 M.	60-60-60	1.66-2.33-1.90
1888	N. Y	331	3	M.	e 60-60-60	2.00-2.50-2.33	1895	Ohio	8	47 M.	60-60-60	1.00-2.50-2.06
1888	Aust-Hun	447	(a)	M.	(a)	.08½-.52- —	1895	Ohio	376	8 M.	57-60-58	1.75-2.50-2.22
1891	N. Y	333	3	M.	(a)	1.25-1.75-1.44	1895	Pa	8	2 M.	60-60-60	2.50-2.50-2.50
1891	Ohio	372	21	M.	60-60-60	1.00-2.00-1.05	1896	Ohio	377	3 M.	60-60-60	1.87-2.50-2.08
1892	Cal	196	4	M.	f 60-60-60	3.00-4.00-3.50						

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Not including hours of 8 persons not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, HATS AND CAPS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 Conn.	8	1 F.	60-60-60	1.50-1.50-1.50
1874 Conn.	8	1 M.	60-60-60	2.50-2.50-2.50
1880 N. Y.	7	1 M.	60-60-60	2.04-2.04-2.04
1880 Ohio	7	1 M.	54-54-54	2.50-2.50-2.50
1883 Ohio	7	4 M.	48-48-48	2.42-3.00-2.73
1884 Aust-Hun.	178	(a) M.	63-63-63	1.12-1.33- —
1884 Canada	466	(a) M.	59-59-59	2.21-2.21-2.21
1885 N. Y.	7	25 M.	b 53-53-53	1.17-2.83-2.12
1885 N. Y.	7	2 F.	(a)	1.50-1.50-1.50
1885 Pa	1	15 M.	60-60-60	1.00-1.05-1.03
1885 Pa	1	15 F.	60-60-60	.84- .84- .84
1886 Ill.	1	2 M.	57-57-57	2.00-2.00-2.00
1886 Md.	1	1 M.	60-60-60	2.00-2.00-2.00
1886 Mich.	1	2 M.	60-60-60	1.75-1.75-1.75
1887 Ohio	3	1 F.	60-60-60	.63- .63- .63
1887 Ohio	369	2 M.	54-54-54	1.50-1.50-1.50
1888 N. Y.	331	20 (a)	c 50-60-58	1.00-4.00-2.20
1890 N. Y.	333	55 M.	(a)	1.01-4.17-2.52
1891 Mich.	283	1 F.	(a)	1.67-1.67-1.67
1891 N. Y.	333	58 M.	(a)	1.06-4.17-2.66
1892 France	505	(a) F.	60-60-60	.58- .58- .58
1893 Ohio	374	11 M.	54-60-57	2.00-3.00-2.55
1894 Ohio	375	15 F.	57-57-57	1.00-1.00-1.00
1895 N. Y.	7	18 M.	48-60-57	1.33-3.33-2.28
1895 N. Y.	7	4 F.	54-60-56	1.00-1.67-1.50
1895 Ohio	376	84 M.	d 60-60-60	2.00-2.50-2.04
1896 Conn.	8	2 M.	60-60-60	1.75-2.50-2.13
1896 Conn.	8	2 F.	60-60-60	1.75-1.75-1.75
1896 Ill.	7	2 M.	57-57-57	2.33-2.67-2.50
1896 Md.	7	1 M.	60-60-60	2.17-2.17-2.17
1896 Mich.	7	4 M.	60-60-60	1.50-1.50-1.50
1896 Ohio	7	9 M.	48-54-49	2.00-3.00-2.44
1896 Ohio	377	15 M.	58-66-61	1.97-2.04-2.00

CUTTERS' HELPERS, CLOTHING.

1885	Iowa	7	2	M.	63-63-63	1.17-1.33-1.25	1895	Iowa	7	6	M.	54-54-54	.75-1.50-1.01
1885	Md	7	6	M.	57-60-59	.33- .67- .50	1895	Ky	7	3	M.	60-60-60	.40-1.00- .63
1885	N. Y.	7	6	M.	e 56-56-56	.33- .67- .44	1895	Mo	304	3	M.	(a)	1.23-1.67-1.38
1886	Ill.	7	2	M.	60-60-60	1.00-1.17-1.09	1895	N. Y.	7	13	M.	56-59-59	.42-1.00- .71
1886	Iowa	7	1	M.	60-60-60	.42- .42- .42	1895	N. Y.	8	8	M.	54-54-54	.75-2.67-2.01
1886	N. Y.	7	1	M.	60-60-60	.67- .67- .67	1895	Ohio	376	5	F.	48-54-53	.50-1.58- .72
1886	Pa	7	3	M.	48-59-55	.83-1.67-1.17	1896	Iowa	7	4	M.	48-48-48	.50-1.33- .80
1888	N. Y.	331	32	M.	f 58-74-60	.67-2.00-1.51	1896	Md	7	23	M.	57-60-59	.50-1.00- .70
1890	N. Y.	333	11	M.	(a)	.75-2.00-1.22	1896	Mich	7	1	M.	57-57-57	1.50-1.50-1.50
1891	N. Y.	333	8	M.	(a)	1.08-2.00-1.57	1896	N. Y.	7	1	M.	59-59-59	.75- .75- .75
1891	France	505	(a)	M.	(a)	.24- .77- —	1896	Ohio	377	1	F.	48-48-48	1.58-1.58-1.58
1894	N. Y.	8	1	M.	60-60-60	1.25-1.25-1.25	1896	Pa	7	9	M.	58-58-58	.67-1.67-1.05

CUTTERS' HELPERS, FUR.

1888	N. Y.	331	2	M.	59-60-60	1.67-2.00-1.84	1895	N. J	7	2	M.	59-59-59	.83-1.00- .92

CUTTERS' HELPERS, LEATHER.

1888	N. Y.	331	22	M.	60-60-60	.67-1.50-1.08	1891	France	505	(a)	M.	77-77-77	.77- .77- .77

CUTTERS' HELPERS, LUMBER AND LUMBER PRODUCTS.

1890	N. Y.	333	2	M.	(a)	.75- .75- .75	1896	Mich	7	1	M.	60-60-60	.50- .50- .50
1891	N. Y.	333	2	M.	(a)	.75- .75- .75							

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 75 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS' HELPERS, PAPER AND PAPER PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 N. Y	8	1 M.	54-54-54	0.50-0.50-0.50	1886 N. Y	7	1 M.	59-59-59	0.38-0.38-0.38
1868 Pa	8	1 M.	60-60-60	.50- .50- .50	1890 N. Y	333	19 M.	(a)	.83-2.33-1.45
1880 England	571	(a) M.	60-60-60	.43-1.27- —	1891 N. Y	333	20 M.	(a)	.83-2.33-1.40
1884 Pa	7	6 M.	60-60-60	.42- .75- .60	1895 Ga	7	2 M.	60-60-60	.83-1.08- .96
1884 Pa	7	1 F.	60-60-60	.50- .50- .50	1895 Iowa	7	1 M.	60-60-60	1.00-1.00-1.00
1884 W. Va	7	1 M.	60-60-60	.67- .67- .67	1895 Mass	7	4 M.	59-59-59	.67- .83- .75
1885 Ill	7	7 M.	(a)	.83- .83- .83	1895 N. Y	7	1 M.	59-59-59	2.00-2.00-2.00
1885 Iowa	7	1 M.	60-60-60	.50- .50- .50	1896 Ill	7	9 M.	54-54-54	.83- .83- .83
1885 N. Y	7	2 M.	59-59-59	.67-1.67-1.17	1896 N. Y	7	1 M.	60-60-60	.83- .83- .83
1885 Va	1	16 M.	60-60-60	.70- .70- .70	1896 W. Va	7	1 M.	60-60-60	.67- .67- .67

CUTTERS' HELPERS, PLUSH AND FANCY BOXES.

1890 N. Y	333	2 M.	(a)	.33- .33- .33	1891 N. Y	333	2 M.	(a)	.33- .33- .33

CUTTERS' HELPERS, RUBBER AND RUBBER GOODS.

1883 N. J	7	6 M.	60-60-60	.75- .93- .83	1895 R. I	7	1 M.	59-59-59	.58- .58- .58
1895 N. J	7	15 M.	60-60-60	.83-1.08- .91	1896 Mass	8	26 M.	60-60-60	.50-1.50- .93

CUTTERS' HELPERS, SOAP AND CANDLES.

1888 N. Y	331	4 M.	(a)	.75-1.67-1.21	1895 N. Y	8	1 M.	60-60-60	1.00-1.00-1.00
1891 N. Y	333	1 M.	(a)	.50- .50- .50					

CUTTERS' HELPERS, TOBACCO.

1865 England	627	(a) M.	(a)	.16- .16- .16	1895 N. Y	8	1 F.	60-60-60	.50- .50- .50
1884 Spain	178	(a) M.	78-78-78	.20- .59- —	1896 Mich	7	2 M.	55-55-55	.58-1.00- .79
1886 Mich	7	2 M.	60-60-60	.50-1.00- .75	1896 Mich	7	9 F.	55-55-55	.67- .75- .70
1886 Mich	7	10 F.	60-60-60	.67- .67- .67					

CUTTERS, HOSIERY AND KNIT GOODS.

1878 England	177	(a) F.	(a)	.81- .81- .81	1885 N. Y	1	2 F.	66-66-66	1.00-1.00-1.00
1880 England	571	(a) M.	56-56-56	1.14-1.14-1.14	1885 N. Y	7	2 M.	b 65-65-65	3.00-3.33-3.17
1880 England	571	(a) F.	56-56-56	.61- .61- .61	1885 Pa	1	2 F.	60-60-60	1.00-1.00-1.00
1882 England	33	(a) M.	56-56-56	1.13-1.13-1.13	1885 Vt	7	2 M.	64-64-64	1.50-2.15-1.83
1882 England	33	(a) F.	56-56-56	.61- .61- .61	1886 Pa	3	9 F.	58-60-59	.58-1.67-1.03
1883 Mass	273	1 M.	(a)	2.50-2.50-2.50	1886 Pa	7	24 F.	c 60-60-60	.50-1.17- .88
1883 Mass	273	5 F.	(a)	1.00-1.12-1.05	1886 England	601	(a) F.	(a)	.55- .60- —
1883 England	572	(a) M.	56-56-56	1.14-1.14-1.14	1887 Conn	202	2 M.	(a)	2.02-2.02-2.02
1883 England	572	(a) F.	56-56-56	.61- .61- .61	1887 Conn	202	1 F.	(a)	1.35-1.35-1.35
1883 Gr't Brit	273	(a) F.	(a)	.49- .65- —	1888 N. Y	331	21 M.	d 60-60-60	.75-2.75-1.97
1883 Gr't Brit	273	(a) (a)	(a)	.33- .41- —	1888 N. Y	331	5 F.	(a)	.83- .83- .83
1884 N. J	323	2 F.	60-60-60	1.00-1.33-1.17	1888 Canada	470	(a) M.	62-62-62	.32- .32- .32
1884 Pa	3	1 F.	(a)	1.00-1.00-1.00	1888 Canada	470	(a) F.	54-54-54	.73- .73- .73
1884 England	178	(a) M.	(a)	1.13-1.13-1.13	1888 Germany	558	(a) F.	57-60 —	.33- .55- —
1884 England	178	(a) F.	(a)	.61- .61- .61	1889 Canada	471	(a) F.	57-57-57	.70- .70- .70
1885 Mass	7	2 M.	60-60-60	1.25-1.25-1.25	1890 N. Y	333	78 M.	(a)	.63-3.17-1.75
1885 N. H	7	5 M.	66-66-66	.88-1.43-1.19	1891 N. Y	333	79 M.	(a)	.63-3.17-1.74
1885 N. H	7	2 F.	66-66-66	1.11-1.25-1.18	1891 Italy	638	(a) M.	48-48-48	.35- .97- —
1885 N. Y	1	20 M.	66-66-66	1.83-2.30-1.97	1892 France	505	(a) M.	72-72-72	1.16-1.16-1.16

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 16 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, HOSIERY AND KNIT GOODS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1893 N. J	327	3 F.	60-60-60	1.10-1.17-1.13
1893 England	632	(a) F.	(a)	.20- .81- —
1893 Italy	639	(a) M.	48-48-48	.35- .97- —
1895 Conn	7	1 M.	60-60-60	2.24-2.24-2.24
1895 Mass	7	4 M.	58-58-58	1.55-2.08-1.79
1895 Mass	7	3 F.	58-58-58	.53- .80- .66
1895 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1895 Mass	8	2 F.	60-60-60	1.08-1.25-1.17
1895 N. H	7	3 M.	60-60-60	1.00-1.50-1.33
1895 N. H	7	2 F.	60-60-60	1.02-1.61-1.32
1895 N. Y	7	2 M.	60-60-60	3.33-3.33-3.33
1895 Pa	8	2 F.	60-60-60	.50- .58- .54
1896 Pa	7	7 M.	60-60-60	.42- .75- .56
1896 Pa	7	19 F.	60-60-60	.50-1.33- .89
1896 Vt	7	6 M.	64-66-65	1.25-2.50-1.58
1896 Vt	7	1 F.	66-66-66	1.20-1.20-1.20
1897 N. C	8	1 F.	75-75-75	.25- .25- .25
1897 Pa	395	2 M.	(a)	1.18-3.00-2.09
1899 England	158	(a) F.	(a)	.50- .83- —

CUTTERS, IRON AND STEEL PRODUCTS.

1842 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1860 Pa	8	6 M.	60-60-60	1.00-1.75-1.50
1862 N. Y	190	3 M.	60-60-60	.94- .94- .94
1863 N. J	8	2 M.	60-60-60	1.50-1.50-1.50
1868 Germany	610	(a) M.	75-75-75	.49- .73- —
1871 Scotland	185	(a) M.	(a)	.28- .28- .28
1874 Pa	380	2 M.	(a)	2.56-2.56-2.56
1875 Pa	380	5 M.	60-60-60	1.22-1.22-1.22
1876 Pa	381	9 M.	b 60-60-60	1.10-4.56-1.67
1879 England	178	(a) M.	(a)	.85- .85- .85
1880 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1881 N. J	320	5 M.	60-60-60	1.00-2.25-1.72
1882 N. Y	190	3 M.	60-60-60	1.00-1.00-1.00
1882 Ohio	364	10 M.	60-60-60	1.75-1.75-1.75
1883 Gr't Brit	273	(a) M.	(a)	.81-1.22- —
1884 Mich	278	1 M.	(a)	1.00-1.00-1.00
1884 N. J	323	9 M.	c 54-60-59	1.44-2.32-1.56
1884 Aust-Hun	178	(a) M.	60-60-60	.32- .60- —
1884 Italy	178	(a) M.	60-60-60	.48- .77- —
1884 Switzerl'd	178	(a) M.	65-65-65	.48-1.16- —
1885 Ill	1	8 M.	60-60-60	1.50-1.75-1.69
1885 Ind	1	4 M.	60-60-60	.50- .50- .50
1885 Mich	279	4 M.	(a)	1.20-1.80-1.44
1885 N. J	324	2 M.	60-60-60	1.60-2.25-1.93
1885 N. Y	190	3 M.	60-60-60	1.00-1.00-1.00
1886 N. Y	190	4 M.	60-60-60	1.00-1.42-1.11
1886 Italy	633	(a) M.	60-60-60	.58- .58- .58
1887 Conn	4	5 M.	(a)	.85-1.88-1.51
1887 Fla	4	1 M.	(a)	.50- .50- .50
1887 Md	4	32 M.	(a)	.70-1.30- .98
1887 Mass	4	6 M.	(a)	.80-1.75-1.26
1887 Mich	4	2 M.	60-60-60	1.25-1.50-1.38
1887 Mich	4	2 M.	(a)	d .13-.13½-.13½
1887 Mo	4	2 M.	(a)	1.00-1.50-1.25
1887 N. J	4	14 M.	(a)	.70-1.95-1.15
1887 N. Y	4	59 M.	(a)	.75-2.10-1.12
1887 Ohio	4	7 F.	(a)	.24- .80- .51
1887 Ohio	369	20 M.	60-60-60	.75-1.25-1.08
1887 Pa	4	23 M.	e 60-60-60	.80-1.50-1.22
1887 Wis	4	3 M.	(a)	1.25-1.50-1.42
1887 Wis	409	3 M.	(a)	1.50-1.50-1.50
1888 N. J	326	18 M.	(a)	1.92-2.00-1.97
1888 N. Y	331	11 M.	59-70-63	1.50-3.87-2.50
1889 Ill	5	1 M.	60-60-60	1.13-1.13-1.13
1889 N. Y	5	13 M.	c 60-72-71	1.50-3.99-2.99
1889 N. Y	190	4 M.	60-60-60	1.25-1.35-1.30
1889 Belgium	5	(a) M.	f 72-72-72	.44- .56- —
1889 England	5	(a) M.	(a)	.47- .47- .47
1889 France	5	(a) M.	g 72-72-72	.55- .98- —
1889 Portugal	691	(a) (a)	(a)	.54- .76- —
1890 N. Y	333	22 M.	(a)	1.17-2.00-1.69
1891 Mo	300	2 M.	(a)	1.08-1.08-1.08
1891 N. Y	333	22 M.	(a)	.67-2.00-1.63
1891 Ohio	372	80 M.	60-60-60	1.60-1.60-1.60
1891 France	505	(a) M.	66-66-66	.97-1.25- —
1892 France	505	(a) M.	60-84 —	.29-1.25- —
1893 Mich	285	1 M.	60-60-60	1.35-1.35-1.35
1893 Ohio	374	24 M.	42-60-55	.60-3.00-1.92
1893 England	118	(a) M.	(a)	.61-1.62- —
1894 N. Y	8	2 M.	60-60-60	2.50-2.50-2.50
1894 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1894 Ohio	375	4 M.	60-60-60	.50- .50- .50
1895 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1895 N. J	7	2 M.	54-54-54	2.25-2.50-2.38
1895 N. Y	8	9 M.	60-60-60	.75-2.00-1.39
1895 N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	3 M.	h 60-60-60	1.50-2.25-1.75
1895 Ohio	376	23 F.	60-60-60	.82- .82- .82
1895 Pa	8	12 M.	60-60-60	1.00-2.00-1.58
1895 Aust-Hun	435	(a) (a)	60-60-60	.34- .68- —
1896 Conn	8	16 M.	60-60-60	1.00-3.00-1.88
1896 Mass	8	8 M.	60-60-60	1.25-2.25-1.72
1896 N. J	8	5 M.	60-60-60	1.50-2.00-1.60
1896 N. Y	8	3 M.	60-60-60	.90-2.00-1.55
1896 Ohio	377	5 M.	60-60-60	2.25-2.25-2.25
1896 Ohio	377	1 F.	(a)	.67- .67- .67
1896 Pa	8	5 M.	60-60-60	1.50-1.50-1.50
1896 Pa	394	2 M.	60-60-60	1.10-1.10-1.10
1896 Vt	8	8 M.	60-60-60	1.50-3.00-2.44
1897 N. Y	8	4 M.	60-60-60	1.75-3.00-2.09
1897 Pa	8	2 M.	48-50-49	1.50-1.75-1.63
1898 France	512	(a) M.	66-66-66	1.21-1.74- —

CUTTERS, JEWELRY.

1856 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1865 N. J	8	3 M.	60-60-60	3.00-3.50-3.33
1891 Mich	283	2 F.	(a)	.54- .54- .54
1891 France	505	(a) M.	60-60-60	.77-1.50- —
1896 N. J	8	3 M.	60-60-60	2.30-3.25-2.68
1896 N. Y	8	3 M.	60-60-60	1.50-2.25-1.75
1896 Ohio	377	4 F.	42-42-42	.85- .85- .85
1896 R. I	8	1 M.	60-60-60	2.00-2.00-2.00

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.
d Per hour.
e Not including hours of 22 persons not reported.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 4 of the 10 wage quotations.
h Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, LACE AND LACE GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 England ..	627	(a)	F.	(a)	0.10-0.10-0.10	1892 France....	505	(a)	F.	(a)	0.43-0.53- —
1887 N. Y.....	3	1	F.	54-54-54	.48- .48- .48	1893 N. Y.....	10	1	F.	53-53-53	1.00-1.00-1.00
1888 N. Y.....	331	2	M.	53-56-55	2.50-2.83-2.67	1893 England ..	632	(a)	F.	(a)	.16- .49- —
1890 N. Y.....	333	33	M.	(a)	1.08-3.33-2.19	1896 Pa	394	3	F.	60-60-60	.57- .67- .61
1891 N. Y.....	333	29	M.	(a)	1.08-3.33-2.13						

CUTTERS, LEATHER.

1886 Aust-Hun .	60	(a)	(a)	(a)	.74-1.11- —	1892 Russia	692	(a)	(a)	(a)	.48- .96- —
1888 N. Y.....	331	11	M.	60-60-60	1.75-1.75-1.75	1893 Aust-Hun .	448	(a)	M.	60-60-60	.27- .54- —
1889 Canada ...	471	(a)	M.	58-58-58	1.37-1.37-1.37	1893 Aust-Hun .	448	(a)	M.	60-60-60	b.07- .27- —
1891 N. Y.....	333	6	M.	(a)	2.50-2.50-2.50	1894 Ohio	375	33	M.	48-48-48	1.00-1.00-1.00
1891 France....	505	(a)	M.	77-77-77	.97-1.80- —	1898 Aust-Hun .	438	(a)	(a)	60-60-60	.53-1.42- —

CUTTERS, LEATHER GOODS.

1877 Pa	8	3	M.	60-60-60	1.50-2.50-2.00	1893 Ohio	374	1	M.	60-60-60	1.66-1.66-1.66
1878 Pa	8	1	M.	60-60-60	2.50-2.50-2.50	1894 N. Y.....	8	2	M.	60-60-60	1.50-1.65-1.58
1880 Pa	8	3	M.	60-60-60	1.50-2.50-2.11	1894 France....	129	(a)	M.	(a)	1.45-1.45-1.45
1884 Mich.....	278	1	M.	(a)	2.25-2.25-2.25	1895 Mass	8	4	F.	60-60-60	1.25-1.25-1.25
1885 N. Y.....	7	15	M.	59-60-60	1.33-3.08-1.85	1895 N. Y.....	7	19	M.	59-60-60	1.00-3.00-1.85
1886 Ill	7	6	M.	60-60-60	1.67-2.50-2.06	1895 N. Y.....	8	12	M.	60-60-60	.85-2.50-1.98
1888 N. Y.....	331	13	M.	c59-59-59	1.67-2.12-1.99	1896 Ill	7	12	M.	60-60-60	1.00-2.50-1.74
1890 N. Y.....	333	43	M.	(a)	.59-3.70-1.83	1896 Ohio	377	1	M.	60-60-60	1.50-1.50-1.50
1891 N. Y.....	333	42	M.	(a)	.67-3.70-1.81	1896 Pa	8	7	M.	60-60-60	1.00-2.50-1.64
1891 France....	505	(a)	M.	60-60-60	1.35-1.54- —						

CUTTERS, LUMBER AND LUMBER PRODUCTS.

1855 Me.....	8	1	M.	60-60-60	1.50-1.50-1.50	1892 France....	505	(a)	M.	69-69-69	f.58- .68- —
1882 Mo.....	294	2	M.	60-60-60	3.25-3.50-3.38	1892 France....	505	(a)	F.	66-66-66	.48- .58- —
1883 Germany .	47	(a)	(a)	75-75-75	1.03-1.03-1.03	1893 Ohio	374	7	M.	60-60-60	1.50-2.37-1.65
1884 Mich.....	278	3	M.	(a)	1.75-1.75-1.75	1894 Ind	228	4	M.	48-60-57	1.25-1.50-1.44
1885 Mich.....	279	210	M.	66-66-66	1.00-2.75-1.46	1894 N. Y.....	8	1	M.	60-60-60	2.25-2.25-2.25
1886 Md.....	7	3	M.	60-60-60	1.50-1.67-1.56	1894 N. C.....	8	2	M.	60-60-60	.55- .55- .55
1886 Mich.....	7	1	M.	60-60-60	1.50-1.50-1.50	1894 Ohio	375	10	M.	g48-60-57	1.35-1.90-1.52
1887 Ohio	369	2	M.	60-60-60	1.50-1.50-1.50	1895 Mo	304	11	M.	(a)	2.00-3.37-2.66
1887 Germany .	557	(a)	(a)	60-60-60	1.01-1.01-1.01	1895 N. J	8	1	M.	60-60-60	3.00-3.00-3.00
1888 N. Y.....	331	13	M.	d59-60-60	1.50-2.00-1.58	1895 N. Y.....	8	8	M.	54-60-59	1.00-2.50-1.76
1889 Mich.....	281	1	M.	60-60-60	1.00-1.00-1.00	1895 N. C.....	8	5	M.	60-60-60	.50- .65- .59
1890 N. Y.....	333	19	M.	(a)	1.33-3.84-2.37	1895 Ohio	376	7	M.	60-60-60	1.50-1.60-1.53
1891 N. Y.....	333	20	M.	(a)	1.50-3.00-2.21	1896 Md.....	7	4	M.	60-60-60	1.50-1.50-1.50
1891 Ohio	372	2	M.	60-60-60	1.35-1.35-1.35	1896 Mass	8	4	M.	54-60-59	2.00-2.50-2.31
1891 France....	505	(a)	M.	54-63 —	1.16-2.41- —	1896 Mich.....	7	3	M.	60-60-60	1.17-1.50-1.39
1891 France....	505	(a)	M.	60-60-60	e1.45-1.59- —	1896 Ohio	377	12	M.	51-60-56	1.25-2.00-1.79
1892 France....	505	(a)	M.	66-66-66	.63- .72- —	1897 Mass	8	2	M.	60-60-60	1.00-1.50-1.25

CUTTERS, MATTRESSES AND BEDDING.

1880 Md.....	7	1	F.	60-60-60	.83- .83- .83	1895 Md.....	7	1	F.	60-60-60	.67- .67- .67
1883 Mo.....	7	1	M.	(a)	1.17-1.17-1.17	1895 Mo.....	7	1	M.	60-60-60	1.00-1.00-1.00
1883 Ohio	7	1	M.	(a)	2.00-2.00-2.00	1896 Ky	7	1	M.	59-59-59	1.20-1.20-1.20
1885 Conn.....	7	1	M.	60-60-60	1.13-1.13-1.13	1896 N. Y.....	8	2	F.	60-60-60	.80-1.00- .90
1885 Wis	7	1	M.	(a)	1.50-1.50-1.50	1896 Ohio	7	1	M.	60-60-60	2.00-2.00-2.00
1887 Mass	3	1	F.	53-53-53	1.33-1.33-1.33	1896 Ohio	377	1	F.	60-60-60	1.25-1.25-1.25
1888 N. Y.....	331	3	M.	h53-58-56	1.25-2.00-1.75	1896 Wis	7	1	M.	60-60-60	1.67-1.67-1.67
1892 Ill	210	2	F.	60-60-60	1.27-1.62-1.45	1897 Australia .	428	(a)	(a)	(a)	1.70-3.45- —
1895 Conn.....	7	2	M.	60-60-60	1.23-1.23-1.23	1898 Australia .	429	(a)	(a)	(a)	1.70-3.45- —

a Not reported.
b And board and lodging.
c Not including hours of 2 persons not reported.
d Not including hours of 11 persons not reported.
e And *gratifications*.
f And fuel.
g Not including hours of 3 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, NECKWEAR.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1865 N. Y	7	2 M.	51-51-51	0.83-1.00-0.92	1891 N. Y	333	97 M.	(b)	0.80-5.17-2.74
1875 N. Y	7	1 M.	54-54-54	3.33-3.33-3.33	1895 N. Y	7	40 M.	49-51-50	.93-4.17-2.18
1885 Ill	7	8 M.	54-54-54	1.33-3.00-2.11	1895 N. Y	8	5 M.	54-54-54	2.00-4.79-2.92
1886 N. Y	7	2 M.	59-59-59	.83-1.50-1.17	1896 Ill	7	11 M.	54-54-54	1.33-2.75-2.03
1888 N. Y	331	13 M.	a53-59-56	1.33-3.00-2.44	1896 N. Y	7	2 M.	59-59-59	1.00-1.67-1.34
1888 N. Y	331	2 F.	a59-59-59	1.17-1.25-1.21	1898 N. Y	338	65 M.	54-54-54	2.50-3.00-2.75
1890 N. Y	333	99 M.	(b)	.80-5.00-2.61					

CUTTERS, NEEDLES AND PINS.

1832 England	8	(b) M.	66-66-66	.22- .22- .22	1853 Conn	8	2 M.	60-60-60	.75- .75- .75
1832 England	8	(b) F.	66-66-66	.20- .20- .20	1865 Canada	8	(b) M.	60-60-60	1.50-1.50-1.50
1835 England	8	(b) M.	60-60-60	.25- .25- .25	1872 Germany	185	(b) (b)	54-54-54	.66- .66- .66
1844 England	8	(b) M.	66-66-66	.17- .17- .17	1875 Conn	8	1 M.	60-60-60	2.00-2.00-2.00
1850 Mass	8	2 M.	60-60-60	1.50-1.50-1.50	1895 Conn	8	3 M.	60-60-60	1.50-2.50-1.83
1851 Conn	8	2 M.	60-60-60	.75- .75- .75					

CUTTERS-OFF, LAMP CHIMNEYS.

1890 Pa	6	6 M.	54-54-54	1.12-1.35-1.21	....	.....	....	...	.....

CUTTERS, PAPER AND PAPER PRODUCTS.

1855 Conn	8	1 M.	72-72-72	1.00-1.00-1.00	1875 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1855 Fla	8	1 M.	60-60-60	2.00-2.00-2.00	1875 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1858 Mass	190	2 F.	72-72-72	.50- .50- .50	1875 Mass	270	4 M.	(b)	1.29-1.29-1.29
1858 N. Y	8	1 M.	60-60-60	1.25-1.25-1.25	1875 Mass	270	37 F.	(b)	.59- .59- .59
1858 Pa	8	3 M.	60-60-60	1.00-1.25-1.17	1876 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1859 Mass	190	3 F.	72-72-72	.50- .50- .50	1876 Mass	190	4 F.	72-72-72	.75- .75- .75
1860 Mass	190	6 F.	72-72-72	.50- .50- .50	1876 N. H	7	1 M.	66-66-66	1.50-1.50-1.50
1860 Pa	8	1 M.	60-60-60	1.50-1.50-1.50	1876 N. H	7	1 F.	66-66-66	2.61-2.61-2.61
1861 Mass	190	6 F.	72-72-72	.50- .50- .50	1877 Conn	190	2 M.	60-60-60	2.00-2.00-2.00
1862 Mass	190	6 F.	72-72-72	.40- .40- .40	1877 Mass	190	4 F.	72-72-72	.75- .75- .75
1862 Pa	8	1 M.	60-60-60	2.50-2.50-2.50	1877 England	570	(b) M.	60-60-60	1.32-1.32-1.32
1863 Mass	190	6 F.	72-72-72	.50- .50- .50	1878 Conn	7	8 M.	72-72-72	1.50-1.75-1.65
1863 England	565	(b) M.	(b)	1.01-1.42- —	1878 Conn	7	25 F.	72-72-72	1.00-1.00-1.00
1864 Mass	190	6 F.	72-72-72	.58- .58- .58	1878 Conn	190	2 M.	60-60-60	1.50-2.00-1.75
1865 Mass	190	6 F.	72-72-72	.65- .65- .65	1878 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1866 Mass	190	4 F.	72-72-72	.75- .75- .75	1878 Ohio	360	2 M.	(b)	1.25-1.25-1.25
1866 Scotland	566	(b) M.	(b)	.61- .73- —	1879 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1867 Mass	190	4 F.	72-72-72	.75- .75- .75	1879 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1867 N. Y	8	3 M.	60-60-60	.67-2.00-1.56	1879 Germany	545	(b) M.	66-66-66	.60- .71- —
1868 Mass	190	4 F.	72-72-72	.75- .75- .75	1880 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1868 N. Y	8	4 M.	54-60-59	1.33-2.50-1.67	1880 Ky	7	1 M.	60-60-60	2.25-2.25-2.25
(c) England	567	(b) M.	56-56-56	.85- .85- .85	1880 Md	7	2 M.	(b)	1.67-2.00-1.83
1868 Germany	185	(b) M.	(b)	.24- .24- .24	1880 Mass	190	4 M.	72-72-72	1.00-1.00-1.00
1868 Germany	610	(b) M.	72-72-72	.30- .30- .30	1880 Mo	7	1 M.	(b)	1.83-1.83-1.83
1869 Mass	190	4 F.	72-72-72	.75- .75- .75	1880 N. Y	7	1 M.	(b)	2.00-2.00-2.00
1869 N. H	7	5 F.	(b)	1.00-1.00-1.00	1880 Pa	7	4 M.	d60-60-60	1.67-2.67-2.25
1870 Conn	8	1 M.	60-60-60	1.50-1.50-1.50	1880 England	571	(b) M.	60-60-60	1.29-1.29-1.29
1870 Mass	190	4 F.	72-72-72	.75- .75- .75	1881 Conn	190	1 M.	60-60-60	2.17-2.17-2.17
1871 Mass	190	4 F.	72-72-72	1.00-1.00-1.00	1881 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1871 England	629	(b) M.	(b)	1.01-1.54- —	1881 N. J	320	1 M.	60-60-60	2.00-2.00-2.00
1872 Conn	190	1 M.	60-60-60	2.25-2.25-2.25	1881 Ohio	363	3 M.	d60-60-60	2.00-2.00-2.00
1872 Mass	190	4 F.	72-72-72	1.00-1.00-1.00	1882 Conn	7	1 M.	(b)	1.33-1.33-1.33
1872 Germany	185	(b) (b)	84-84-84	.60- .60- .60	1882 Conn	190	1 M.	60-60-60	2.09-2.09-2.09
1873 Conn	190	1 M.	60-60-60	2.25-2.25-2.25	1882 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1873 Mass	190	4 F.	72-72-72	1.00-1.00-1.00	1882 Mo	7	4 M.	(b)	.50-1.67-1.08
1874 Mass	7	3 M.	60-60-60	1.42-3.17-2.03	1882 N. J	7	2 M.	(b)	1.67-2.00-1.84
1874 Mass	190	4 F.	72-72-72	1.00-1.00-1.00	1882 Ohio	364	7 (b)	54-60-59	1.50-1.56-1.55
1875 Conn	7	1 M.	59-59-59	2.00-2.00-2.00	1882 R. I	7	1 M.	60-60-60	2.00-2.00-2.00

a Not including hours of 1 person not reported.
b Not reported.
c Average for 1867–68.
d Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, PAPER AND PAPER PRODUCTS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1883 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1883 Mass	273	7 M.	(a)	2.20-3.00-2.72
1883 Mo	7	1 M.	(a)	2.00-2.00-2.00
1883 N. Y	7	2 M.	59-59-59	1.33-1.58-1.46
1883 Gr't Brit	273	(a) M.	(a)	.41-1.62- —
1883 Gr't Brit	273	(a) F.	(a)	.16- .45- —
1884 Conn	190	1 M.	60-60-60	1.75-1.75-1.75
1884 Ga	7	1 M.	54-54-54	2.00-2.00-2.00
1884 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1884 Mich	278	1 M.	(a)	1.35-1.35-1.35
1884 Mich	278	9 F.	(a)	.65- .85- .81
1884 Mo	295	19 (a)	(a)	1.67-1.67-1.67
1884 N. J	7	2 M.	(a)	1.67-2.00-1.84
1884 N. J	323	1 M.	72-72-72	.58- .58- .58
1884 Ohio	7	2 M.	b 59-59-59	1.50-2.00-1.75
1884 Pa	7	19 M.	b 59-60-60	.33-2.67-1.25
1884 Pa	7	10 F.	60-60-60	.58-1.00- .79
1884 Tenn	7	1 M.	59-59-59	1.00-1.00-1.00
1884 Va	7	1 M.	59-59-59	1.00-1.00-1.00
1884 Va	7	2 F.	59-59-59	.67- .67- .67
1884 Aust-Hun	178	(a) M.	69-69-69	.33- .53- —
1884 Canada	466	(a) M.	59-59-59	.33- .33- .33
1884 Canada	466	(a) F.	59-59-59	.33- .33- .33
1884 Scotland	178	(a) M.	54-54-54	1.05-1.05-1.05
1884 Turk. in A.	178	(a) (a)	77-77-77	.22- .42- —
1885 Conn	7	2 M.	59-59-59	1.50-1.65-1.58
1885 Conn	190	1 M.	60-60-60	1.92-1.92-1.92
1885 Ga	7	2 M.	(a)	2.50-3.00-2.75
1885 Ill	7	10 M.	c 59-59-59	2.00-2.00-2.00
1885 Iowa	7	1 M.	60-60-60	2.00-2.00-2.00
1885 La	7	1 M.	(a)	1.50-1.50-1.50
1885 Me	1	12 F.	72-72-72	.75- .75- .75
1885 Me	7	17 M.	(a)	1.25-2.25-1.64
1885 Md	7	4 M.	60-60-60	1.33-2.00-1.75
1885 Mass	1	14 M.	60-72-70	1.50-2.10-1.68
1885 Mass	1	32 F.	72-72-72	1.08-1.08-1.08
1885 Mass	7	13 M.	50-60-55	1.10-3.00-1.76
1885 Mass	7	6 F.	50-50-50	.58-1.00- .83
1885 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1885 Mo	7	1 M.	59-59-59	2.00-2.00-2.00
1885 N. J	1	10 M.	66-66-66	2.72-2.72-2.72
1885 N. J	7	4 M.	d 59-59-59	1.50-2.67-2.17
1885 N. Y	7	38 M.	e 57-60-59	1.33-3.33-2.03
1885 N. Y	7	11 F.	56-59-56	1.00-1.33-1.30
1885 Ohio	7	2 M.	59-59-59	1.50-1.50-1.50
1885 Oregon	1	10 M.	72-72-72	.87- .87- .87
1885 Va	1	5 M.	60-60-60	2.00-2.00-2.00
1885 Va	7	1 M.	(a)	1 67-1.67-1.67
1885 Wis	7	1 M.	72-72-72	2.00-2.00-2.00
1886 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1886 Del	7	17 F.	72-72-72	.46- .92- .69
1886 Md	3	1 F.	50-50-50	.83- .83- .83
1886 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1886 Mich	7	6 M.	60-60-60	1.17-2.00-1.58
1886 Minn	7	1 M.	60-60-60	1.67-1.67-1.67
1886 N. J	3	3 F.	59-59-59	.50- .58- .53
1886 N. Y	7	14 M.	f 59-59-59	1.17-2.25-1.77
1886 Pa	7	1 M.	59-59-59	1.50-1.50-1.50
1886 R. I	3	2 F.	53-59-56	.75- .83- .79
1887 Conn	190	1 M.	60-60-60	2.00-2.00-2.00
1887 Conn	202	11 M.	(a)	.75-2.10-1.44
1887 Conn	202	6 F.	(a)	1.00-1.00-1.00
1887 Ky	3	4 F.	60-60-60	.79- .79- .79
1887 Mass	3	1 F.	55-55-55	1.00-1.00-1.00
1887 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1887 N. Y	3	1 F.	53-53-53	1.00-1.00-1.00
1887 Ohio	3	1 F.	57-57-57	.55- .55- .55
1887 Ohio	369	7 M.	60-60-60	1.00-1.50-1.25
1887 Ohio	369	4 F.	60-60-60	1.00-1.25-1.06
1887 Wis	409	66 (a)	(a)	.87-2.20-1.00
1887 Germany	557	(a) (a)	59-59-59	.60-1.03- —
1888 Conn	190	1 M.	60-60-60	2.25-2.25-2.25
1888 Ind	3	2 F.	49-65-57	.83-1.00- .92
1888 Me	254	3 F.	54-54-54	.83- .83- .83
1888 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1888 N. Y	331	114 M.	g 53-70-60	.50-3.17-1.96
1888 N. Y	331	20 F.	h 58-70-66	.65- .83- .74
1888 Va	3	2 F.	59-59-59	.61- .67- .64
1888 Canada	470	(a) M.	66-66-66	.25- .25- .25
1888 Canada	470	(a) F.	72-72-72	.60- .60- .60
1888 Germany	558	(a) (a)	57-57-57	.60- .71- —
1889 Conn	190	1 M.	60-60-60	2.25-2.25-2.25
1889 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1889 Canada	471	(a) M.	57-57-57	1.31-1.31-1.31
1889 Canada	471	(a) F.	58-58-58	.48- .48- .48
1890 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1890 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1890 N. Y	333	275 M.	(a)	.42-3.33-1.80
1890 N. Y	333	46 F.	(a)	.25-1.00- .75
1891 Conn	190	1 M.	60-60-60	2.50-2.50-2.50
1891 Me	257	9 F.	54-60-56	.83- .85- .83
1891 Mass	190	4 F.	72-72-72	1.00-1.00-1.00
1891 Mich	283	1 F.	(a)	.83- .83- .83
1891 N. Y	333	280 M.	(a)	.42-3.33-1.85
1891 N. Y	333	31 F.	(a)	.25-1.00- .75
1891 Ohio	372	20 M.	54-60-60	1.00-3.00-1.90
1891 France	505	(a) M.	60-60-60	i .77-1.25- —
1892 Cal	196	4 M.	50-60-57	.50-3.33-2.33
1892 Cal	196	1 F.	50-50-50	1.50-1.50-1.50
1892 Conn	20	2 M.	60-60-60	2.50-2.50-2.50
1892 Conn	190	6 M.	60-60-60	1.25-2.50-1.83
1892 Me	258	18 M.	60-60-60	.83- .85- .84
1892 Mass	20	20 F.	(a)	1.00-1.00-1.00
1892 Mass	190	4 F.	58-58-58	1.00-1.00-1.00
1892 France	505	(a) M.	60-84 —	.29- .77- —
1892 France	505	(a) F.	60-81 —	.09½-.48- —
1892 Russia	692	(a) (a)	(a)	.19-1.41- —
1893 Conn	20	21 M.	60-60-60	2.00-2.50-2.22
1893 Mass	20	15 F.	(a)	1.00-1.00-1.00
1893 N. Y	10	2 M.	48-60-54	1.50-2.00-1.75
1893 Ohio	374	60 M.	j 54-72-61	.50-3.00-1.13
1893 Ohio	374	22 F.	60-72-68	.50- .62- .54
1893 England	583	(a) M.	(a)	1.50-1.58- —
1894 Conn	20	18 M.	60-60-60	2.00-2.50-2.25
1894 Conn	20	27 F.	(a)	1.00-1.00-1.00
1894 N. Y	8	4 M.	60-60-60	.75-2.50-1.50
1894 N. Y	8	5 F.	60-70-60	.42- .83- .73
1894 Ohio	375	52 M.	k 54-72-64	.50-2.25-1.21
1894 Ohio	375	36 F.	48-72-64	.50-1.00- .61
1894 France	129	(a) M.	(a)	1.16-1.25- —
1894 France	508	(a) M.	66-66-66	.77- .87- —
1895 Conn	7	7 M.	59-72-65	1.50-2.71-2.06
1895 Conn	7	18 F.	72-72-72	1.00-1.00-1.00
1895 Conn	20	15 M.	60-60-60	2.00-2.50-2.25
1895 Ga	7	2 M.	60-60-60	2.33-3.33-2.83
1895 Iowa	7	1 M.	60-60-60	1.75-1.75-1.75
1895 Ky	7	1 M.	60-60-60	2.50-2.50-2.50
1895 La	7	1 M.	60-60-60	1.50-1.50-1.50
1895 Me	7	12 M.	60-60-60	1.50-2.25-1.70
1895 Me	7	106 F.	54-54-54	.83- .83- .83
1895 Md	7	10 M.	60-60-60	1.50-2.00-1.72
1895 Mass	7	48 M.	55-60-58	.83-3.38-1.82
1895 Mass	7	6 F.	55-60-58	.92-1.33-1.06
1895 Mass	20	20 F.	(a)	1.00-1.00-1.00
1895 Mo	7	7 M.	54-60-56	.50-2.33-1.62

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 4 persons not reported.
f Not including hours of 10 persons not reported.
g Not including hours of 53 persons not reported.
h Not including hours of 8 persons not reported.
i And *gratifications*.
j Not including hours of 14 persons not reported.
k Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, PAPER AND PAPER PRODUCTS—Concluded.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1895	Mo	304	1	M.	(a)	1.50-1.50-1.50
1895	N. H	7	2	M.	60-66-63	1.35-1.75-1.55
1895	N. H	7	4	F.	60-60-60	1.00-1.00-1.00
1895	N. J	7	9	M.	48-60-56	1.00-2.33-1.81
1895	N. Y	7	44	M.	57-60-59	1.00-3.17-1.97
1895	N. Y	7	5	F.	56-56-56	1.17-1.17-1.17
1895	N. Y	8	23	M.	60-60-60	.75-3.00-1.72
1895	N. C	7	1	M.	60-60-60	1.42-1.42-1.42
1895	Ohio	376	76	M.	45-72-61	.60-2.02-1.47
1895	Ohio	376	77	F.	48-60-60	.66-1.00- .68
1895	Pa	8	3	M.	60-60-60	1.67-2.50-2.22
1895	R. I	7	1	M.	60-60-60	2.17-2.17-2.17
1895	S. C	7	1	M.	59-59-59	1.33-1.33-1.33
1895	Tenn	7	1	M.	59-59-59	1.00-1.00-1.00
1895	Va	7	3	M.	54-59-56	1.25-1.50-1.42
1895	Va	7	2	F.	59-59-59	.67- .67- .67
1895	Aust-Hun.	435	(a)	(a)	(a)	.61- .74- —
1896	Conn	8	4	M.	60-60-60	1.50-1.50-1.50
1896	Conn	8	2	F.	60-60-60	.80-1.00- .90
1896	Del	7	18	F.	72-72-72	.50-1.00- .78
1896	Ga	7	1	M.	54-54-54	1.67-1.67-1.67
1896	Ill	7	16	M.	54-57-55	2.00-2.00-2.00
1896	Md	7	4	M.	60-60-60	1.33-2.00-1.75
1896	Mich	7	5	M.	48-60-53	1.17-2.00-1.67
1896	Minn	7	1	M.	54-54-54	1.75-1.75-1.75
1896	Nebr	314	1	M.	60-60-60	2.50-2.50-2.50
1896	N. Y	7	30	M.	54-60-56	1.17-2.67-1.80
1896	Ohio	7	9	M.	54-59-58	1.00-2.00-1.50
1896	Ohio	377	93	M.	50-70-59	.68-2.50-1.59
1896	Ohio	377	61	F.	48-60-57	.53- .72- .59
1896	Pa	7	39	M.	51-60-59	.37-3.17-1.51
1896	Pa	7	15	F.	60-60-60	.58- .83- .70
1896	Pa	8	6	M.	60-60-60	1.50-2.00-1.92
1896	R. I	7	1	M.	60-60-60	1.17-1.17-1.17
1896	Wis	7	2	M.	72-72-72	1.50-2.00-1.75
1897	Nebr	314	1	M.	60-60-60	2.50-2.50-2.50
1897	N. Y	8	3	M.	54-60-58	2.00-2.50-2.33
1897	Australia	428	(a)	(a)	(a)	.69-2.27- —
1898	Australia	429	(a)	(a)	(a)	.69-2.27- —
1898	Germany	151	(a)	(a)	(a)	.40- .47- —
1899	Mass	18	9	M.	55-59-57	2.00-3.00-2.52
1899	N. Y	18	10	M.	59-60-59	1.67-2.67-2.02
1900	Mass	18	8	M.	55-59-57	2.00-3.00-2.49
1900	N. Y	18	10	M.	59-60-59	1.67-2.67-2.03

CUTTERS, PLATE GLASS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Scotland	178	(a)	M.	60-60-60	1.34-1.34-1.34
1892	England	111	(a)	(a)	(a)	1.22-1.26- —

CUTTERS, PLUSH AND FANCY BOXES.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885	N. Y	7	5	M.	56-56-56	2.42-2.42-2.42
1890	N. Y	333	5	M.	(a)	.75-2.67-1.43
1891	N. Y	333	6	M.	(a)	.75-3.50-1.78
1896	N. Y	7	4	M.	56-56-56	2.50-2.50-2.50

CUTTERS, PLUSH AND UPHOLSTERY.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1871	Scotland	629	(a)	M.	60-60-60	.28- .77- —
1871	Scotland	629	(a)	F.	60-60-60	.18- .36- —
1880	N. Y	7	1	M.	54-54-54	3.00-3.00-3.00
1885	N. Y	7	10	M.	56-60-56	2.50-4.17-2.91
1886	N. J	3	1	F.	55-55-55	1.33-1.33-1.33
1886	Pa	7	1	M.	60-60-60	1.67-1.67-1.67
1887	Ill	3	1	F.	48-48-48	1.33-1.33-1.33
1887	Mass	3	1	F.	58-58-58	.67- .67- .67
1887	Pa	3	2	F.	54-60-57	.42-1.33- .88
1888	N. Y	331	5	(a)	b57-57-57	2.33-2.50-2.47
1890	N. Y	333	5	M.	(a)	1.67-2.60-2.17
1890	N. Y	333	22	F.	(a)	.83-1.33-1.24
1891	N. Y	333	10	M.	(a)	1.25-2.33-1.96
1891	N. Y	333	22	F.	(a)	.83-1.50-1.38
1893	N. Y	6	2	F.	59-59-59	.83-1.33-1.08
1895	N. Y	7	14	M.	54-60-57	.83-4.17-2.25
1896	Pa	7	5	M.	60-60-60	2.38-3.03-2.62
1896	Pa	394	2	M.	60-60-60	2.00-2.67-2.34

CUTTERS, RUBBER AND RUBBER GOODS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1864	Scotland	627	(a)	M.	(a)	.22- .22- .22
1867	Germany	185	(a)	M.	63-63-63	.36- .54- —
1882	N. J	321	50	M.	60-60-60	1.90-1.90-1.90
1882	N. J	321	15	F.	60-60-60	1.00-1.00-1.00
1883	N. J	7	16	M.	60-60-60	1.75-2.42-2.05
1883	N. J	322	45	M.	60-60-60	1.67-2.00-1.83
1883	N. J	322	20	F.	60-60-60	1.00-1.00-1.00
1884	N. J	323	4	M.	60-72-63	1.25-2.25-1.75
1884	R. I	7	4	M.	60-60-60	1.67-2.75-2.02
1884	Scotland	178	(a)	M.	56-56-56	.61- .61- .61
1885	Mass	7	175	M.	60-60-60	1.30-2.40-1.93
1885	N. J	7	127	M.	60-60-60	.60-1.75-1.56
1885	N. J	324	20	M.	c60-60-60	.49-2.17-1.68
1886	N. J	325	43	M.	60-60-60	1.85-2.00-1.87
1888	N. Y	331	1	M.	(a)	1.84-1.84-1.84
1891	Belgium	457	(a)	M.	60-60-60	.54- .54- .54
1892	Russia	692	(a)	(a)	(a)	.34- .77- —
1894	France	506	(a)	M.	d72-72-72	1.48-1.85- —
1894	France	506	(a)	M.	(a)	e.13½-.14½- —
1894	France	506	(a)	F.	72-72-72	.39- .39- .39
1895	N. J	7	28	M.	60-60-60	1.71-2.60-2.30
1895	R. I	7	20	M.	59-59-59	1.50-3.00-1.92
1896	Mass	8	9	M.	60-60-60	1.50-2.00-1.61
1896	R. I	8	11	M.	60-60-60	1.50-2.25-1.78

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.
d Applies to but 2 of the 3 wage quotations.
e Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, SIGNS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Md	7	2 M.	60-60-60	0.67-0.67-0.67	1891 N. Y	333	1 M.	(a)	1.12-1.12-1.12
1890 N. Y	333	1 M.	(a)	1.12-1.12-1.12	1895 Md	7	4 M.	60-60-60	.58- .67- .63

CUTTERS, SILVER GOODS.

1855 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00	1884 Germany	178	(a) F.	66-66-66	.36- .48- —
1857 England	8	(a) M.	60-60-60	.75- .75- .75	1897 Conn	8	3 M.	60-60-60	1.25-3.00-2.25
1884 Germany	178	(a) M.	66-66-66	.63- .63- .63					

CUTTERS, SOAP AND CANDLES.

1839 N. Y	8	6 M.	72-72-72	1.20-1.20-1.20	1892 France	505	(a) M.	60-63 —	1.11-1.21- —
1877 Ohio	359	2 M.	(a)	1.90-1.90-1.90	1893 Ohio	374	10 M.	d 60-60-60	1.00-1.75-1.37
1877 England	570	(a) M.	66-66-66	.45- .95- —	1894 Ohio	375	15 M.	54-60-59	.62-2.00-1.39
1880 Pa	8	1 M.	60-60-60	1.50-1.50-1.50	1895 Mo	7	12 M.	60-60-60	1.50-1.50-1.50
1880 England	571	(a) M.	b 56-56-56	.87- .91- —	1895 Mo	304	22 M.	(a)	1.50-2.25-1.54
1882 Germany	554	(a) (a)	66-66-66	.75- .75- .75	1895 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1884 Germany	556	(a) (a)	60-60-60	.60-1.01- —	1895 Ohio	376	8 M.	54-60-56	1.25-2.50-1.96
1885 Mo	7	7 M.	60-60-60	1.50-1.50-1.50	1896 Colo	200	2 (a)	60-60-60	1.50-1.50-1.50
1886 N. Y	7	1 M.	(a)	1.67-1.67-1.67	1896 Mo	305	18 M.	54-72-60	1.65-2.50-2.01
1888 N. Y	331	17 M.	c 56-60-59	1.00-1.75-1.43	1896 N. Y	7	1 M.	60-60-60	1.67-1.67-1.67
1888 Germany	558	(a) (a)	60-66 —	.69- .71- —	1896 Ohio	377	13 M.	48-60-54	.50-1.64-1.28
1890 N. Y	333	29 M.	(a)	1.25-1.92-1.54	1896 Pa	8	7 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	333	21 M.	(a)	1.33-1.83-1.48	1897 N. Y	8	5 M.	60-60-60	1.75-1.75-1.75

CUTTERS, SUSPENDERS.

1887 Ill	3	1 F.	54-54-54	.83- .83- .83	1893 Ohio	374	2 F.	60-60-60	.65- .65- .65
1887 Mass	3	1 F.	59-59-59	1.50-1.50-1.50	1894 Ohio	375	4 M.	48-48-48	.50-1.66-1.04
1890 N. Y	333	2 M.	(a)	.83-2.33-1.58	1895 N. J	7	8 F.	55-55-55	.58- .83- .65
1891 N. Y	333	2 M.	(a)	1.00-2.33-1.67	1895 Ohio	376	5 M.	48-48-48	.50-1.66-1.08
1892 Ill	210	1 F.	51-51-51	.62- .62- .62					

CUTTERS, TAGS AND LABELS.

1860 N. Y	8	2 M.	60-60-60	1.50-1.50-1.50	1887 N. Y	3	1 F.	54-54-54	.63- .63- .63
1865 N. Y	8	2 M.	60-60-60	2.75-2.75-2.75	1887 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1868 Pa	8	1 M.	60-60-60	1.50-1.50-1.50	1888 N. Y	331	10 M.	(a)	1.00-2.17-1.83
1877 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50	1892 Cal	196	1 F.	60-60-60	.67- .67- .67
1883 N. J	7	2 M.	60-60-60	1.50-1.50-1.50	1893 Ohio	374	16 M.	60-60-60	1.50-1.50-1.50
1884 N. J	323	11 M.	60-60-60	.50-1.33-1.26	1895 N. J	7	2 M.	60-60-60	1.75-1.75-1.75
1884 N. J	323	8 F.	60-60-60	.50-1.00- .56	1895 N. Y	7	4 M.	54-58-56	2.00-3.00-2.65
1885 Mass	1	2 M.	60-60-60	1.25-1.25-1.25	1895 N. Y	7	2 F.	54-54-54	1.17-1.50-1.33
1885 N. Y	7	6 M.	d 54-54-54	2.00-3.00-2.33	1895 N. Y	8	3 M.	60-60-60	2.50-4.00-3.00
1886 N. Y	2	20 M.	60-60-60	1.33-1.66-1.50	1895 Pa	8	1 M.	54-54-54	2.00-2.00-2.00
1887 La	3	1 F.	(a)	.50- .50- .50	1896 N. Y	8	2 M.	60-60-60	1.00-1.00-1.00
1887 Mass	3	10 F.	53-59-58	.80-1.50-1.12					

CUTTERS, TINWARE.

1860 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1881 Me	7	2 M.	60-60-60	1.50-1.50-1.50
1870 Pa	8	3 M.	60-60-60	1.67-2.00-1.89	1881 Me	7	2 F.	60-60-60	.45- .45- .45
1872 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1881 Pa	8	3 M.	60-60-60	1.67-2.00-1.89
1873 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1884 Pa	7	4 M.	59-59-59	1.67-2.00-1.75
1876 Pa	8	1 M.	60-60-60	2.00-2.00-2.00	1884 Pa	7	7 F.	59-59-59	.67- .67- .67
1878 Pa	8	3 M.	60-60-60	1.67-2.00-1.78	1885 Md	7	25 M.	(a)	.42-1.25- .70
1880 Pa	8	3 M.	60-60-60	1.50-2.00-1.72	1886 N. J	3	1 F.	59-59-59	.83- .83- .83

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 8 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, TINWARE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	3	2	F.	56-56-56	0.71-0.90-0.81
1887 Ill	3	9	F.	59-60-60	.67-1.67- .95
1887 Mass	3	1	F.	56-56-56	.83- .83- .83
1887 Wis	409	34	(a)	(a)	.69- .69- .69
1888 N. Y.	331	16	M.	b55-59-56	1.42-1.63-1.49
1889 Pa	8	3	M.	60-60-60	1.50-2.00-1.83
1890 N. Y.	333	16	M.	(a)	1.17-1.83-1.40
1891 N. Y.	333	26	M.	(a)	1.00-2.50-1.54
1891 France	505	(a)	M.	66-66-66	.92- .97- —
1894 Ind	228	3	(a)	50-50-50	1.66-1.66-1.66
1894 N. Y.	8	2	M.	60-60-60	1.20-1.20-1.20
1894 Ohio	375	1	M.	60-60-60	0.50-0.50-0.50
1895 Me	7	7	M.	60-60-60	.85-2.67-1.56
1895 N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	1	M.	60-60-60	.50- .50- .50
1895 Pa	8	2	M.	60-60-60	1.67-1.67-1.67
1896 Md	7	95	M.	(a)	.42-1.25- .69
1896 N. Y.	7	5	M.	60-60-60	.80- .80- .80
1896 Ohio	377	20	M.	60-60-60	1.28-1.83-1.36
1896 Pa	7	7	M.	55-55-55	1.75-2.00-1.86
1896 Pa	7	8	F.	55-55-55	.67- .83- .76
1896 Pa	8	23	M.	60-60-60	1.00-2.00-1.62

CUTTERS, TOBACCO.

1871 Mass	267	3	M.	(a)	2.00-2.00-2.00
1871 England	629	(a)	(a)	56-56-56	1.01-1.42- —
1876 N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1878 N. C.	7	2	M.	(a)	.58- .58- .58
1880 N. C.	8	2	M.	60-60-60	.75- .75- .75
1880 Pa	7	3	M.	50-50-50	2.67-3.00-2.89
1882 Mo	294	1	M.	60-60-60	2.25-2.25-2.25
1882 N. C.	7	6	F.	60-60-60	.50- .58- .56
1882 Ohio	364	24	(a)	60-60-60	1.46-1.46-1.46
1882 Va	7	25	M.	60-60-60	.33- .33- .33
1883 Mich	277	4	M.	(a)	2.00-2.00-2.00
1884 N. J	323	19	M.	(a)	2.17-2.17-2.17
1884 N. J	323	146	F.	(a)	1.00-1.00-1.00
1884 Ohio	7	2	M.	60-60-60	2.00-2.00-2.00
1884 W. Va	7	2	M.	60-60-60	2.00-2.00-2.00
1884 Italy	178	(a)	M.	60-60-60	.39- .48- —
1884 Japan	184	(a)	(a)	(a)	.13- .13- .13
1884 Spain	178	(a)	M.	78-78-78	.40-1.19- —
1885 Ill	1	10	M.	60-60-60	1.83-2.25-1.98
1885 Ill	7	3	M.	(a)	2.00-2.00-2.00
1885 Ky	1	3	M.	60-60-60	1.50-1.50-1.50
1885 Mich	1	6	M.	60-60-60	2.00-2.00-2.00
1885 Mo	1	10	M.	60-60-60	2.33-2.33-2.33
1885 N. Y.	1	12	M.	60-60-60	2.00-2.00-2.00
1885 N. Y.	7	15	M.	55-55-55	2.00-2.00-2.00
1885 N. C.	1	24	M.	60-60-60	.67- .67- .67
1885 Ohio	7	1	M.	(a)	1.75-1.75-1.75
1885 Va	1	25	M.	60-60-60	1.00-1.00-1.00
1885 Wis	7	2	M.	60-60-60	2.00-2.00-2.00
1885 Japan	643	(a)	M.	(a)	c .16- .27- —
1886 Ill	208	20	(a)	48-48-48	2.25-2.25-2.25
1886 Iowa	7	1	M.	(a)	1.50-1.50-1.50
1886 Md	3	1	F.	56-56-56	.50- .50- .50
1886 Md	7	2	M.	48-48-48	1.58-1.58-1.58
1886 Mich	7	4	M.	60-60-60	1.67-2.00-1.92
1886 Mo	3	1	F.	52-52-52	.58- .58- .58
1886 N. Y.	3	1	F.	54-54-54	.67- .67- .67
1886 Japan	644	(a)	M.	(a)	c .13- .32- —
1887 N. Y.	3	6	F.	39-54-45	.42-1.00- .69
1887 Ohio	369	4	M.	54-54-54	1.66-1.66-1.66
1887 Wis	409	5	M.	(a)	2.75-2.75-2.75
1887 Germany	557	(a)	(a)	54-54-54	.71- .95- —
1887 Japan	645	(a)	M.	(a)	c .14- .31- —
1888 N. Y.	331	9	M.	58-60-60	2.00-2.50-2.19
1888 Va	3	6	F.	48-49-48	.40- .72- .58
1888 Germany	558	(a)	(a)	53-60 —	.71- .95- —
1890 N. Y.	333	27	M.	(a)	1.25-2.50-2.07
1890 Netherl'ds	666	(a)	M.	d63-63-63	.15- .60- —
1891 N. Y.	333	27	M.	(a)	1.50-2.50-2.07
1892 England	632	(a)	M.	(a)	1.14-1.42- —
1892 France	505	(a)	M.	60-60-60	.77- .87- —
1892 Japan	646	(a)	(a)	(a)	.16- .28- —
1893 N. Y.	10	1	M.	60-60-60	.83- .83- .83
1893 Ohio	374	11	M.	54-60-55	1.35-2.00-1.75
1893 Pa	10	1	M.	55-55-55	1.33-1.33-1.33
1894 N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1894 N. C.	8	1	M.	60-60-60	.75- .75- .75
1894 Ohio	375	5	M.	54-60-55	1.50-2.00-1.60
1894 W. Va	406	1	M.	60-60-60	1.58-1.58-1.58
1894 Japan	647	(a)	(a)	(a)	.12- .21- —
1895 La	7	1	M.	55-55-55	1.50-1.50-1.50
1895 N. Y.	7	12	M.	55-55-55	2.00-2.00-2.00
1895 N. Y.	8	4	M.	48-60-57	2.00-2.50-2.29
1895 N. C.	7	30	M.	60-60-60	.67-1.00- .73
1895 N. C.	8	2	M.	60-60-60	1.00-1.00-1.00
1895 Va	7	15	M.	60-60-60	2.00-2.00-2.00
1895 Va	8	1	M.	60-60-60	2.50-2.50-2.50
1895 Japan	132	(a)	(a)	60-60-60	.24- .24- .24
1895 Japan	648	(a)	M.	(a)	.10- .28- —
1896 Ill	7	3	M.	48-48-48	2.00-2.00-2.00
1896 Iowa	7	1	M.	60-60-60	1.67-1.67-1.67
1896 Md	7	4	M.	48-48-48	1.58-1.58-1.58
1896 Mich	7	4	M.	55-55-55	1.83-2.25-2.08
1896 N. C.	7	2	M.	54-54-54	.58- .58- .58
1896 Ohio	7	4	M.	54-58-57	2.00-2.17-2.13
1896 Ohio	377	6	M.	54-60-56	1.50-2.00-1.67
1896 Pa	7	5	M.	47-47-47	2.67-3.33-3.07
1896 W. Va	7	3	M.	60-60-60	2.00-2.00-2.00
1896 Wis	7	5	M.	48-48-48	2.00-2.00-2.00
1896 Japan	649	(a)	M.	(a)	.13- .29- —
1897 Japan	650	(a)	M.	(a)	.17- .25- —

CUTTERS, TRUNKS AND BAGS.

1876 Pa	8	2	M.	60-60-60	2.00-2.50-2.25
1878 Pa	8	2	M.	60-60-60	2.00-2.50-2.25
1878 Pa	8	1	F.	60-60-60	1.33-1.33-1.33
1881 N. J	320	1	M.	60-60-60	1.67-1.67-1.67
1882 N. J	321	7	M.	(a)	2.00-2.17-2.02
1887 Wis	409	23	M.	(a)	1.50-1.75-1.73
1888 N. J	326	3	M.	(a)	2.17-2.17-2.17
1888 N. Y	331	4	M.	(a)	1.75-2.17-1.96
1890 N. Y	333	9	M.	(a)	1.25-2.17-1.86
1891 N. Y	333	10	M.	(a)	1.25-2.17-1.85
1892 Cal	196	1	M.	57-57-57	2.75-2.75-2.75
1896 Pa	8	5	M.	60-60-60	2.00-2.17-2.03
1896 Pa	8	1	F.	60-60-60	1.33-1.33-1.33

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CUTTERS, VEGETABLES, CANNED GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1865 Md	8	4	F.	72-72-72	1.25-1.25-1.25	1892 Me	258	52	F.	60-60-60	1.00-1.00-1.00
1870 N. Y	8	30	F.	60-60-60	1.25-1.25-1.25	1894 Md	8	20	F.	72-72-72	1.00-1.00-1.00
1880 Pa	7	24	F.	(a)	.42-1.00- .70	1894 N. Y	8	7	M.	60-60-60	1.00-1.00-1.00
1886 Mich	7	9	F.	60-60-60	.67- .67- .67	1894 N. Y	8	8	F.	60-60-60	.70- .70- .70
1891 Mich	283	9	F.	(a)	.50- .50- .50	1896 Mich	7	12	F.	60-60-60	.67- .67- .67
1892 Me	258	426	M.	60-60-60	1.49-1.49-1.49	1896 Pa	7	65	F.	54-54-54	.46-1.00- .72

CUTTERS, WHALEBONE.

1887 N. Y	3	1	F.	59-59-59	1.00-1.00-1.00	1891 N. Y	333	1	M.	(a)	2.67-2.67-2.67
1890 N. Y	333	4	M.	(a)	2.67-2.67-2.67						

CUTTERS, WINDOW GLASS.

1868 France	38	(a)	(a)	(a)	.89-1.04- —	1887 Ohio	369	10	M.	60-60-60	5.00-5.00-5.00
1872 Belgium	185	(a)	(a)	(a)	.61-1.15- —	1888 N. J	326	51	M.	e48-72-62	3.75-4.50-4.02
1877 Ohio	359	8	M.	(a)	2.68-4.17-3.43	1888 N. Y	331	8	M.	60-60-60	4.79-4.79-4.79
1878 Ohio	360	8	M.	45-50-48	2.83-4.05-3.60	1889 Ind	6	10	M.	60-60-60	3.67-3.67-3.67
1880 Ohio	362	5	M.	(a)	3.17-3.17-3.17	1890 Ill	6	17	M.	f54-54-54	4.49-5.47-4.96
1881 France	38	(a)	(a)	(a)	.85- .89- —	1890 Ind	6	20	M.	g60-60-60	3.79-5.39-4.29
1882 Ohio	364	12	(a)	54-54-54	5.50-5.50-5.50	1890 Md	6	10	M.	48-60-55	4.00-4.00-4.00
1882 Belgium	38	(a)	(a)	(a)	.92-1.15- —	1890 Mo	6	2	M.	(a)	4.86-5.05-4.96
1882 England	38	(a)	(a)	(a)	1.01-1.70- —	1890 N. J	6	47	M.	h48-60-54	2.50-5.01-3.67
1882 Germany	38	(a)	(a)	(a)	.73-1.09- —	1890 N. Y	6	46	M.	i60-60-60	3.24-5.62-4.90
1882 Italy	38	(a)	(a)	(a)	b1.93-1.93-1.93	1890 N. Y	333	8	M.	(a)	5.17-5.17-5.17
1883 N. J	322	6	M.	60-72-65	3.26-3.45-3.33	1890 Ohio	6	34	M.	d54-60-57	3.93-7.56-5.08
1884 N. J	323	81	M.	c60-60-60	2.88-3.83-3.41	1890 Pa	6	41	M.	j54-60-59	2.12-7.83-4.96
1885 Ill	1	6	M.	60-60-60	5.55-5.55-5.55	1890 Belgium	6	(a)	M.	63-63-63	.79- .94- —
1885 N. J	1	16	M.	45-45-45	4.16-4.16-4.16	1891 N. Y	333	8	M.	(a)	5.17-5.17-5.17
1885 N. J	324	82	M.	d60-66-61	3.45-4.03-3.82	1891 Belgium	457	(a)	M.	63-63-63	.21- .99- —
1885 Ohio	1	15	M.	60-66-62	4.50-5.04-4.64	1892 France	505	(a)	M.	57-57-57	.58- .97- —
1885 Pa	1	11	M.	60-60-60	4.16-4.17-4.16	1897 N. J	328	20	M.	55-55-55	3.17-4.67-3.69
1886 Ill	208	8	M.	60-60-60	4.22-4.22-4.22	1898 N. J	329	27	M.	54-60-55	2.67-5.67-3.87
1886 N. J	325	89	M.	54-60-59	3.17-3.94-3.54						

CUTTING-MACHINE OPERATORS, COAL MINING.

(k) England	567	(a)	M.	48-48-48	.61- .97- —	1889 Ill	5	40	M.	60-60-60	2.38-2.50-2.40
1880 Scotland	571	(a)	M.	60-60-60	.89- .89- .89	1889 Ind	5	59	M.	60-60-60	2.00-2.80-2.53
1886 Belgium	456	(a)	(a)	(a)	.60- .93- —	1889 Ohio	5	56	M.	50-57-55	1.80-2.80-2.64
1887 Ohio	369	12	M.	54-54-54	2.17-2.17-2.17	1891 Belgium	457	(a)	M.	(a)	.87- .87- .87
1889 Ala	5	8	M.	66-66-66	2.25-2.25-2.25	1894 Mont	308	51	M.	(a)	3.75-3.75-3.75

CUTTING-MACHINE OPERATORS' HELPERS, COAL MINING.

1887 Ohio	369	39	M.	54-54-54	2.00-2.33-2.09	1889 Ohio	5	31	M.	50-55-53	1.00-2.15-1.92
1889 Ill	5	40	M.	60-60-60	1.63-1.90-1.67	1894 Mont	308	40	M.	(a)	2.55-2.55-2.55
1889 Ind	5	50	M.	60-60-60	1.50-2.05-1.77						

a Not reported.
b And lodging.
c Not including hours of 24 persons not reported.
d Not including hours of 4 persons not reported.
e Not including hours of 42 persons not reported.
f Not including hours of 6 persons not reported.
g Not including hours of 9 persons not reported.
h Not including hours of 15 persons not reported.
i Not including hours of 11 persons not reported.
j Not including hours of 28 persons not reported.
k Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

CYLINDER MEN, COTTON GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Pa	7	2	M.	60-60-60	1.00-1.50-1.25	1896 Pa	7	2	M.	60-60-60	1.25-1.50-1.38
1886 R. I	7	7	M.	60-60-60	.83-1.25-1.07	1896 R. I	7	2	M.	60-60-60	1.00-1.00-1 00

DAIRY HANDS.

1768	England	185	(a)	F.	(a)	.03½-.07½- —	1886	Australia	184	(a)	F.	(a)	b .40- .47- —
1839	England	562	(a)	M.	64-64-64	.52- .52- .52	1886	England	67	(a)	F.	(a)	.15- .33- —
1849	England	562	(a)	M.	64-64-64	.52- .52- .52	1887	Ohio	369	10	M.	70-70-70	1.50-2.00-1.60
1859	England	562	(a)	M.	64-64-64	.52- .52- .52	1889	Australia	422	(a)	M.	(a)	e.52- .70- —
1866	N. Y	8	2	M.	84-84-84	1.20-1.20-1.20	1890	Ill	8	1	F.	72-72-72	1.00-1.00-1.00
1866	N. Y	8	1	F.	84-84-84	.96- .96- .96	1890	Australia	423	(a)	M.	(a)	e.52- .70- —
1867	England	628	(a)	M.	(a)	.42- .49- —	1892	Australia	414	(a)	(a)	(a)	d .35- .87- —
1868	England	628	(a)	M.	(a)	.42- .42- .42	1892	Australia	424	(a)	(a)	(a)	.35- .82- —
1869	Scotland	628	(a)	F.	(a)	.21- .53- —	1892	Australia	424	(a)	(a)	(a)	e.42- .70- —
1869	Scotland	628	(a)	F.	(a)	b .11- .27- —	1892	Australia	424	(a)	(a)	(a)	g.14- .63- —
1874	N. Y	8	1	M.	72-72-72	1.50-1.50-1.50	1892	China	105	(a)	(a)	(a)	.13- .13- .13
1878	Australia	177	(a)	M.	(a)	.70- .70- .70	1892	Spain	115	(a)	M.	(a)	.30- .40- —
1878	England	177	(a)	M.	(a)	.55- .69- —	1892	Wales	632	(a)	F.	(a)	.42- .42- .42
1878	Ireland	177	(a)	F.	(a)	b .16- .27- —	1893	England	583	(a)	F.	(a)	e.19- .21- —
1878	Italy	177	(a)	M.	(a)	c.22- .22- .22	1893	Italy	632	(a)	M.	(a)	b.13- .21- —
1884	Iowa	231	3	M.	70-70-70	.66-2.50-1.72	1893	Scotland	632	(a)	M.	70-70-70	.81- .81- .81
1884	Australia	178	(a)	F.	(a)	d.40- .47- —	1893	Scotland	632	(a)	F.	(a)	.61- .61- .61
1884	Canada	178	(a)	M.	(a)	e.33- .59- —	1894	Australia	425	(a)	M.	(a)	e.42- .70- —
1884	Canada	178	(a)	F.	(a)	.23- .26- —	1894	Australia	425	(a)	(a)	(a)	e.35- .63- —
1884	Canada	178	(a)	F.	(a)	e.16- .26- —	1894	C. of G'd H.	487	(a)	(a)	(a)	e.08- .20- —
1884	England	178	(a)	M.	(a)	.44- .44- .44	1894	England	585	(a)	F.	(a)	b.15- .24- —
1884	England	178	(a)	F.	(a)	.18- .27- —	1895	N. Y	8	3	M.	60-60-60	1.00-1.00-1.00
1884	England	178	(a)	F.	(a)	b.09½-.53- —	1895	Australia	426	(a)	M.	(a)	e.42- .70- —
1884	France	178	(a)	F.	(a)	b.19- .21- —	1895	Australia	426	(a)	(a)	(a)	e.35- .63- —
1884	Germany	178	(a)	M.	(a)	.20- .36- —	1895	Spain	133	(a)	M.	(a)	.30- .40- —
1884	Germany	178	(a)	M.	60-60-60	e.07- .14- —	1896	Australia	427	(a)	M.	(a)	e.35- .56- —
1884	Germany	178	(a)	F.	f60-60-60	.06½-.24- —	1896	Australia	427	(a)	(a)	(a)	e.35- .52- —
1884	Germany	178	(a)	F.	(a)	b.04½-.13- —	1897	Australia	428	(a)	M.	(a)	e.35- .63- —
1884	Ireland	178	(a)	F.	(a)	.16- .19- —	1897	Australia	428	(a)	(a)	(a)	e.35- .52- —
1884	Ireland	178	(a)	F.	(a)	e.13- .16- —	1897	Aust-Hun	449	(a)	M.	(a)	b.21- .21- .21
1884	Italy	178	(a)	M.	(a)	.22- .65- —	1897	Aust-Hun	449	(a)	F.	(a)	b.01½-.06½- —
1884	Italy	178	(a)	M.	(a)	b.14- .14- .14	1897	Denmark	492	(a)	F.	(a)	b.07½-.29- —
1884	Netherl'ds	178	(a)	F.	(a)	e.16- .22- —	1897	France	511	(a)	M.	84-84-84	.87- .87- .87
1884	Wales	178	(a)	F.	(a)	.16- .24- —	1898	Australia	419	(a)	(a)	(a)	d.28- .70- —
1885	Australia	175	(a)	M.	(a)	e.69- .69- .69	1898	Australia	429	(a)	M.	(a)	e.43- .52- —
1885	Australia	175	(a)	F.	(a)	e.40- .52- —	1898	Australia	429	(a)	(a)	(a)	e.35- .52- —
1886	Australia	184	(a)	M.	(a)	d.52- .69- —	(h)	Ireland	607	(a)	F.	(a)	.16- .24- —

DAMPENERS, LAUNDRY.

1885	N. J	7	1	F.	55-55-55	.50- .50- .50	1892	Cal	196	1	F.	63-63-63	b.77- .77- .77
1885	N. Y	7	9	F.	60-60-60	.42- .50- .43	1894	D. C	8	2	F.	54-54-54	.83- .83- .83
1886	Mo	3	1	F.	53-53-53	.50- .50- .50	1894	N. Y	8	2	F.	60-60-60	1.00-1.00-1.00
1886	N. Y	3	1	F.	63-63-63	.52- .52- .52	1895	N. J	8	1	F.	60-60-60	.83- .83- .83
1886	Pa	7	1	F.	(a)	.67- .67- .67	1895	N. Y	7	14	F.	60-60-60	.42- .50- .45
1887	Ill	3	1	F.	48-48-48	.83- .83- .83	1895	N. Y	8	1	F.	60-60-60	.83- .83- .83
1887	Mass	3	1	F.	60-60-60	1.00-1.00-1.00	1895	N. C	8	1	F.	60-60-60	.50- .50- .50
1887	N. Y	3	2	F.	i 50-50-50	.83- .85- .84	1896	N. J	7	1	F.	55-55-55	.58- .58- .58
1888	S. C	3	1	F.	60-60-60	.54- .54- .54	1896	Pa	7	3	F.	57-57-57	.67- .67- .67

a Not reported.
b And board.
c And lodging.
d And found.
e And board and lodging.
f Applies to but 1 of the 7 wage quotations.
g And rations.
h Average for 1894–98.
i Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DAMPENERS, PAPER.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870	Germany	610	(a) M.	(a)	0.30-0.49- —
1870	Germany	610	(a) F.	(a)	.30- .49- —
1890	N. Y.	333	1 M.	(a)	1.25-1.25-1.25
1891	N. Y.	333	1 M.	(a)	1.25-1.25-1.25
1896	Pa	7	1 M.	60-60-60	1.67-1.67-1.67

DAMPENERS, TANNERY.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1866	Mass	8	1 M.	60-60-60	1.67-1.67-1.67
1870	Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1885	Cal.	1	1 M.	60-60-60	2.00-2.00-2.00
1896	Mass	8	4 M.	60-60-60	1.50-1.50-1.50

DANDY ROLL MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1871	England	629	(a) (a)	(a)	2.03-2.03-2.03
1884	Mass	7	1 M.	57-57-57	6.17-6.17-6.17
1895	Mass	7	1 M.	57-57-57	4.00-4.00-4.00

DANDY ROLL MAKERS' HELPERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Mass	7	1 F.	57-57-57	1.33-1.33-1.33
1895	Mass	7	2 M.	57-57-57	2.00-2.75-2.38

DANTERS, SILK GOODS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1833	England	624	(a) F.	69-69-69	.27- .32- —
1862	England	564	(a) (a)	60-60-60	.28- .32- —

DARNERS, TEXTILES.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1866	Scotland	566	(a) F.	50-50-50	.20- .37- —
1868	Germany	610	(a) F.	72-72-72	.20- .24- —
1882	Belgium	40	(a) F.	72-72-72	.55- .55- .55
1885	N. Y.	1	5 F.	60-60-60	.67- .67- .67
1885	N. Y.	7	1 F.	60-60-60	1.12-1.12-1.12
1885	Canada	467	(a) F.	62-62-62	.82- .83- —
1886	Canada	468	(a) F.	60-60-60	.77- .80- —
1886	England	600	(a) F.	57-57-57	.41- .58- —
1886	Scotland	67	(a) F.	56-57 —	.65- .77- —
1886	Scotland	600	(a) F.	57-57-57	.23- .44- —
1887	N. Y.	3	1 F.	60-60-60	.76- .76- .76
1887	Germany	557	(a) F.	48-69 —	.40- .60- —
1890	N. Y.	6	3 F.	60-60-60	.85-1.20- .97
1892	Me	258	5 F.	60-60-60	.83-1.00- .97
1892	France	505	(a) F.	63-66 —	.14- .39- —
1892	Russia	692	(a) (a)	(a)	.10- .77- —
1893	Ireland	632	(a) F.	(a)	.32- .43- —
1893	Scotland	632	(a) F.	(a)	.65- .81- —
1895	N. Y.	7	1 F.	60-60-60	1.15-1.15-1.15

DASHMAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1875	N. Y.	8	1 M.	60-60-60	2.00-2.00-2.00
1885	Ohio	1	19 M.	60-60-60	1.40-1.40-1.40
1887	Ohio	369	2 M.	60-60-60	1.50-1.50-1.50
1888	N. Y.	331	1 M.	(a)	1.67-1.67-1.67
1891	N. Y.	333	14 M.	(a)	1.00-1.00-1.00

DAUBERS, COKE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1879	England	576	(a) M.	(a)	.33- .33- .33
1889	Belgium	5	(a) M.	(a)	.29- .29- .29
1890	England	576	(a) M.	(a)	.44- .44- .44

DAUBERS, FURNITURE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1889	Mich	281	6 M.	60-60-60	1.20-1.40-1.31

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DECK HANDS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Mass	267	20 M.	a54-54-54	0.99-1.64-1.05
1878 Canada	177	(b) M.	(b)	.53- .82- —
1878 Canada	177	(b) M.	(b)	c .39- .39- .39
1882 N. Y.	2	36 M.	84-84-84	1.00-1.00-1.00
1883 Cal.	2	20 M.	66-68-67	1.33-1.33-1.33
1884 Canada	178	(b) M.	(b)	.46-1.15- —
1884 France	178	(b) M.	(b)	.44- .44- .44
1884 Germany	178	(b) M.	(b)	.33- .35- —
1884 Ireland	178	(b) M.	d70-70-70	.61-1.01- —
1885 Mich.	279	14 M.	(b)	1.15-1.15-1.15
1886 Canada	468	(b) M.	60-60-60	1.34-1.34-1.34
1887 Mich.	4	81 M.	(b)	.50-1.00- .51
1887 N. Y.	4	83 M.	(b)	1.15-1.81-1.55
1887 Ohio	369	3 M.	60-60-60	1.50-1.50-1.50
1887 R. I	4	7 M.	(b)	1.45-1.45-1.45
1887 Wis	409	16 M.	(b)	1.28-1.28-1.28
1888 N. Y.	331	29 M.	54-60-56	e .82- .90- .88
1889 Australia	422	(b) (b)	48-48-48	1.12-1.12-1.12
1890 Australia	423	(b) (b)	48-48-48	1.12-1.12-1.12
1891 Me.	257	2 M.	(b)	e .15- .20- .18
1892 Australia	424	(b) M.	(b)	0.80-0.80-0.80
1893 Md.	10	1 M.	90-90-90	1.67-1.67-1.67
1893 N. Y.	10	3 M.	56-84-67	1.75-1.83-1.80
1894 Ohio	374	414 M.	f72-72-72	.75-1.00- .75
1894 Aust-Hun.	127	(b) M.	(b)	.16- .20- —
1894 England	127	(b) M.	(b)	.24- .64- —
1894 France	127	(b) M.	(b)	.41- .44- —
1894 Germany	127	(b) M.	(b)	.12- .45- —
1894 Russia	127	(b) M.	(b)	.10- .13- —
1895 Australia	585	(b) M.	(b)	.88- .96- —
1895 Canada	187	(b) M.	60-60-60	1.25-1.25-1.25
1895 Nicaragua	140	(b) (b)	(b)	c .33- .82- —
1896 N. J	8	2 M.	60-60-60	1.50-1.50-1.50
1896 N. Y.	8	2 M.	60-60-60	1.50-1.50-1.50
1896 Canada	482	(b) (b)	(b)	c1.32-1.32-1.32
1896 Scotland	586	(b) M.	(b)	.63- .70- —
1897 N. Zealand	680	(b) M.	(b)	.96-1.28- —
1898 Wash	405	572 (b)	(b)	1.15-1.15-1.15
1899 England	588	(b) (b)	(b)	g .56- .59- —

DECORATORS, BUILDING.

1869	Greece	609	(b)	(b)	(b)	.52-1.03- —	1892	Algeria	505	(b)	M.	57-57-57	1.16-1.16-1.16
1873	Switzerl'd.	185	(b)	M.	(b)	.56- .57- —	1892	France	505	(b)	M.	60-60-60	.68-1.25- —
1878	Belgium	177	(b)	M.	(b)	e.15- .15- .15	1893	Aust-Hun.	448	(b)	M.	60-60-60	.54-1.02- —
1884	Turk. in A.	178	(b)	(b)	66-66-66	3.60-10.00- —	1897	Aust-Hun.	437	(b)	(b)	57-57-57	.41- .81- —
1889	Netherl'ds	516	(b)	(b)	(b)	e.06¼-.06½-.06¾	1898	Aust-Hun.	438	(b)	(b)	72-72-72	.61- .68- —

DECORATORS, CANDLES.

1886	N. Y.	7	5	M.	60-60-60	1.33-2.67-2.00	1891	N. Y.	333	13	M.	(b)	.83-5.00-2.21
1886	N. Y.	7	15	F.	60-60-60	.50- .83- .56	1896	N. Y.	7	6	M.	60-60-60	2.00-3.33-2.31
1890	N. Y.	333	13	M.	(b)	.83-5.00-2.21	1896	N. Y.	7	17	F.	60-60-60	.42-1.00- .58

DECORATORS, CARRIAGES AND WAGONS.

1894	N. Y.	8	1	M.	60-60-60	3.50-3.50-3.50	1896	Mich.	288	2	(b)	60-60-60	2.00-2.50-2.25

DECORATORS, CLAY AND POTTERY PRODUCTS.

1841	England	625	(b)	F.	(b)	.24- .45- —	1868	Germany	610	(b)	M.	72-72-72	.24- .49- —
1841	England	625	(b)	M.	63-63-63	1.62-1.62-1.62	1868	Germany	610	(b)	F.	72-72-72	.12- .18- —
(h)	England	561	(b)	(b)	(b)	.97-1.46- —	1870	Germany	610	(b)	M.	72-72-72	.49-1.70- —
(i)	England	563	(b)	M.	(b)	.61- .97- —	1870	Germany	610	(b)	F.	72-72-72	.24-1.09- —
(i)	England	563	(b)	F.	(b)	.30- .49- —	1871	England	568	(b)	F.	48-48-48	.73- .73- .73
(i)	England	563	(b)	(b)	tb)	.97-1.46- —	1871	England	629	(b)	F.	(b)	.49- .49- .49
1863	England	565	(b)	M.	62-62-62	.81-3.24- —	1871	Scotland	629	(b)	F.	(b)	.41- .57- —
1863	England	565	(b)	F.	62-62-62	.49- .85- —	1872	England	185	(b)	M.	66-66-66	1.21-3.23- —
1863	Scotland	565	(b)	F.	(b)	.49- .81- —	1872	England	185	(b)	F.	48-60 —	.24- .73- —
1863	Scotland	565	(b)	(b)	(b)	.97-1.62- —	1874	England	569	(b)	M.	j 48-48-48	1.22-1.22-1.22
1866	England	566	(b)	M.	50-63 —	.37-1.34- —	1877	England	570	(b)	M.	k 46-46-46	.30-2.03- —
1868	England	567	(b)	M.	66-66-66	1.22-3.24- —	1877	Germany	177	(b)	M.	(b)	.75-1.50- —

a Not including hours of 18 persons not reported.
b Not reported.
c And board.
d Applies to but 2 of the 4 wage quotations.
e Per hour.
f Not including hours of 2 persons not reported.
g And share in net value of fish caught.
h Average for 1855–57.
i Average for 1858–60.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 2 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DECORATORS, CLAY AND POTTERY PRODUCTS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1878 Germany	177	(a) M.	(a)	0.75-0.98- —
1879 N. J	318	23 M.	(a)	2.00-3.50-2.54
1879 N. J	318	24 F.	(a)	1.00-1.50-1.21
1879 N. J	318	21 (a)	(a)	.50- .90- .70
1880 France	21	(a) (a)	72-72-72	.97-1.16- —
1880 Japan	21	(a) (a)	(a)	.50-1.15- —
1882 Ohio	364	3 (a)	60-60-60	2.75-2.75-2.75
1882 Germany	27	(a) (a)	(a)	.80- .80- .80
1883 England	572	(a) M.	54-54-54	1.22-2.92- —
1884 N. J	7	27 F.	(a)	1.00-1.27-1.14
1884 Ohio	7	2 M.	54-54-54	2.50-3.00-2.75
1884 Ohio	7	9 F.	54-54-54	.83-1.67-1.17
1884 W. Va	7	40 F.	59-59-59	.67-1.00- .80
1884 France	178	(a) M.	65-65-65	.73-1.55- —
1884 France	178	(a) F.	65-65-65	.44-1.55- —
1884 Germany	178	(a) M.	60-72 —	.65-1.50- —
1884 Germany	556	(a) (a)	60-63 —	.65-1.29- —
1885 N. J	1	25 M.	60-60-60	.33-5.00-1.89
1885 N. J	1	74 F.	58-60-59	.33-2.00- .78
1885 N. J	7	3 M.	55-55-55	3.00-3.33-3.22
1886 Germany	548	(a) (a)	(a)	.60- .99- —
1887 Ohio	3	1 F.	58-58-58	.67- .67- .67
1887 Ohio	369	53 M.	60-60-60	.40-8.00-2.50
1887 Ohio	369	104 F.	54-60-58	.33-2.25- .79
1887 Germany	75	(a) M.	66-66-66	.40- .96- —
1888 N. Y	331	4 M.	58-58-58	2.00-2.50-2.25
1888 England	631	(a) F.	(a)	.39- .39- .39
1889 France	84	(a) (a)	(a)	.29-1.54- —
1889 Germany	85	(a) F.	(a)	.18- .30- —
1889 Germany	514	(a) (a)	(a)	.71- .71- .71
1889 Portugal	691	(a) M.	(a)	.13- .86- —
1890 N. Y	333	1 M.	(a)	1.50-1.50-1.50
1890 Ohio	371	75 (a)	60-60-60	1.50-1.50-1.50
1891 N. Y	333	1 M.	(a)	1.50-1.50-1.50
1891 France	505	(a) M.	60-66 —	.97-3.86- —
1891 France	505	(a) F.	60-60-60	.68- .87- —
1891 Italy	638	(a) M.	(a)	.09½- .42- —
1891 Italy	638	(a) F.	(a)	0.07½-0.16- —
1892 Ohio	373	31 M.	53-60-57	.75-5.00-2.33
1892 Ohio	373	77 F.	48-60-57	.60-1.17- .88
1892 Ohio	373	56 (a)	50-59-55	.75-2.00-1.05
1892 France	505	(a) M.	b60-69 —	.34-1.35- —
1892 France	505	(a) F.	66-69 —	.14- .97- —
1892 Russia	692	(a) (a)	(a)	.80-1.21- —
1893 Md	10	3 M.	60-60-60	1.00-3.33-2.11
1893 Md	10	4 F.	60-60-60	.67-1.33-1.08
1893 N. J	327	35 F.	56-56-56	.33-1.67- .96
1893 Ohio	374	3 M.	60-60-60	2.25-2.25-2.25
1894 Ohio	375	4 M.	c54-54-54	2.10-3.00-2.33
1894 Aust-Hun	434	(a) M.	54-54-54	.95-1.22- —
1894 France	129	(a) M.	60-60-60	.97-3.86- —
1894 France	129	(a) F.	60-60-60	.58-1.16- —
1895 N. J	7	4 M.	55-55-55	2.67-3.08-2.94
1895 N. J	7	63 F.	55-60-57	.90-1.30-1.06
1895 Ohio	376	3 M.	48-48-48	2.10-2.10-2.10
1895 Aust-Hun	435	(a) M.	60-63 —	.34- .81- —
1896 N. Y	7	23 F.	59-59-59	.57-1.65- .86
1896 Ohio	7	5 M.	54-54-54	2.25-2.25-2.25
1896 Ohio	7	17 F.	54-54-54	.75-2.25-1.17
1896 Ohio	377	3 M.	48-48-48	2.10-2.10-2.10
1896 Pa	7	22 F.	59-59-59	.83-1.08- .91
1896 W. Va	7	80 F.	59-59-59	.67-1.17- .86
1896 Aust-Hun	436	(a) M.	54-60 —	.35- .91- —
1896 Aust-Hun	436	(a) (a)	54-60 —	.34-1.22- —
1896 France	505	(a) M.	54-60 —	.58-1.16- —
1896 France	510	(a) M.	60-60-60	.48- .48- .48
1896 France	510	(a) F.	60-60-60	.34- .34- .34
1897 Aust-Hun	437	(a) F.	60-60-60	.32- .32- .32
1897 Aust-Hun	437	(a) (a)	60-63 —	.61- .61- .61
1898 France	512	(a) M.	(a)	.87- .87- .87
1898 France	512	(a) F.	(a)	.48- .48- .48
1898 Germany	151	(a) (a)	(a)	.24- .79- —
1898 Netherl'ds	665	(a) F.	60-60-60	.28- .39- —

DECORATORS, CONFECTIONERY.

1884	Spain	178	(a)	F.	77-77-77	d.19- .19- .19	1887	N. Y	3	3	F.	56-60-59	.42-1.08- .72
1887	Mass	3	1	F.	59-59-59	.92- .92- .92							

DECORATORS, CUTLERY AND EDGE TOOLS.

1893	Ohio	374	3	F.	60-60-60	.60- .60- .60	1895	Ohio	376	4	F.	60-60-60	.75- .75- .75
1894	Ohio	375	2	F.	(a)	.75- .75- .75	1896	Ohio	377	4	F.	60-60-60	.75- .75- .75

DECORATORS, FURNITURE.

1871	England	629	(a)	(a)	60-60-60	1.54-1.54-1.54	1890	N. Y	333	51	M.	(a)	4.00-4.00-4.00
1885	N. Y	7	32	M.	(a)	3.25-3.25-3.25	1891	Mich	283	2	F.	(a)	1.21-1.21-1.21
1885	Canada	467	(a)	M.	53-59 —	1.75-1.92- —	1891	N. Y	333	28	M.	(a)	4.00-4.00-4.00
1887	Ill	3	3	F.	57-57-57	.75-1.27-1.02	1892	Cal	196	4	M.	(a)	1.17-4.50-2.79
1888	N. Y	331	1	M.	54-54-54	2.17-2.17-2.17	1892	France	505	(a)	F.	72-72-72	e.29-1.16- —
1889	Mich	281	7	M.	60-60-60	1.00-2.50-1.84	1895	N. Y	7	40	M.	48-48-48	3.50-3.50-3.50

a Not reported.
b Applies to but 6 of the 7 wage quotations.
c Not including hours of 3 persons not reported.
d And board and lodging.
e And lodging and heat.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DECORATORS, GLASS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1868	Germany	185	(a)	M.	(a)	0.40-0.72- —	1891	N. Y	333	4	M.	(a)	0.67-0.67-0.67
1868	Germany	185	(a)	F.	(a)	.18- .36- —	1891	France	505	(a)	M.	54-54-54	1.11-1.25- —
1883	Mass	273	7	M.	(a)	2.00-2.00-2.00	1892	Ohio	373	4	F.	58-58-58	1.25-1.25-1.25
1883	Mass	273	2	F.	(a)	.75- .75- .75	1892	Ohio	373	3	(a)	58-58-58	2.50-2.50-2.50
1884	Aust-Hun	178	(a)	M.	66-71 —	.46-1.54- —	1892	France	505	(a)	M.	60-66 —	.34-1.65- —
1884	France	178	(a)	M.	60-60-60	.97- .97- .97	1892	France	505	(a)	F.	66-66-66	.19- .39- —
1884	Italy	178	(a)	M.	(a)	1.93-1.93-1.93	1893	Ireland	578	(a)	M.	48-54 —	1.70-1.92- —
1884	Russia	178	(a)	M.	60-60-60	1.46-1.67- —	1893	Netherl'ds	632	(a)	M.	(a)	.90- .90- .90
1885	Pa	1	15	M.	60-60-60	5.00-5.00-5.00	1894	France	508	(a)	M.	66-66-66	1.59-1.70- —
1885	Pa	1	15	F.	60-60-60	2.50-2.50-2.50	1895	W. Va	7	4	M.	60-60-60	1.00-1.33-1.15
1886	Mo	3	1	F.	53-53-53	1.50-1.50-1.50	1895	W. Va	7	23	F.	60-60-60	.60- .80- .71
1886	N. Y	3	2	F.	58-62-60	1.00-1.17-1.09	1896	Pa	7	20	F.	48-48-48	.67-1.17- .85
1886	Pa	7	9	F.	48-48-48	.67-1.00- .88	1897	Ohio	377	3	M.	60-60-60	2.50-2.50-2.50
1887	N. Y	3	2	F.	50-50-50	1.00-1.25-1.13	1897	Ohio	377	24	F.	60-60-60	.70-1.75- .83
1888	N. Y	331	10	F.	60-60-60	.75- .75- .75							

DECORATORS' HELPERS, CLAY AND POTTERY PRODUCTS.

1884	N. J	7	4	M.	(a)	.50- .58- .54	1887	Ohio	369	7	F.	60-60-60	.60- .75- .62
1887	Ohio	369	1	M.	60-60-60	.50- .50- .50	1895	N. J	7	5	M.	55-55-55	.46- .50- .49

DECORATORS, SEWING MACHINES.

1884	Canada	466	(a)	M.	58-58-58	1.31-1.31-1.31	1893	N. J	327	17	F.	b57-57-57	1.00-1.35-1.15

DECORATORS, TINWARE.

1886	N. J	3	1	F.	59-59-59	1.50-1.50-1.50	1890	N. Y	333	27	M.	(a)	2.00-2.00-2.00
1886	N. Y	3	1	F.	59-59-59	.92- .92- .92	1891	N. Y	333	32	M.	(a)	2.00-2.00-2.00
1887	N. Y	3	2	F.	60-60-60	.46- .63- .55	1894	W. Va	406	1	M.	60-60-60	3.12-3.12-3.12
1888	N. Y	331	2	M.	(a)	2.50-2.50-2.50							

DECORATORS, WATCH CASES.

1891	N. Y	333	11	M.	(a)	.50-5.83-2.65	....	.....	....	....	...	.....	.....

DECORATORS, WINDOW SHADES.

1891	N. Y	333	12	M.	(a)	1.67-4.17-2.50	....	.....	....	....	...	.....	.....

DEPUTIES, MINING.

1871	England	577	(a)	M.	48-48-48	1.10-1.10-1.10	1877	England	577	(a)	M.	45-45-45	1.40-1.40-1.40
1872	England	577	(a)	M.	48-48-48	1.46-1.46-1.46	1878	England	178	(a)	M.	48-48-48	1.06-1.06-1.06
1873	England	185	(a)	M.	(a)	c1.25-1.82- —	1878	England	577	(a)	M.	45-45-45	1.16-1.16-1.16
1873	England	577	(a)	M.	45-45-45	1.83-1.83-1.83	1879	England	577	(a)	M.	48-48-48	1.13-1.13-1.13
1874	England	185	(a)	M.	(a)	1.69-1.69-1.69	1880	England	577	(a)	M.	48-48-48	1.16-1.16-1.16
1874	England	577	(a)	M.	45-45-45	1.70-1.70-1.70	1881	England	577	(a)	M.	48-48-48	1.16-1.16-1.16
1875	England	577	(a)	M.	45-45-45	1.58-1.58-1.58	1882	England	577	(a)	M.	48-48-48	1.16-1.16-1.16
1876	England	577	(a)	M.	45-45-45	1.40-1.40-1.40	1883	England	577	(a)	M.	48-48-48	1.20-1.20-1.20

a Not reported. b Not including hours of 6 persons not reported. c And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DEPUTIES, MINING—Concluded.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	England ..	178	(a)	M.	b48-54 —	1.10-1.83- —
1884	England ..	577	(a)	M.	48-48-48	1.19-1.19-1.19
1885	England ..	577	(a)	M.	48-48-48	1.16-1.16-1.16
1885	Gr't Brit ..	1	(a)	M.	54-54-54	1.08-1.08-1.08
1886	England ..	577	(a)	M.	48-48-48	1.16-1.16-1.16
1887	England ..	577	(a)	M.	48-48-48	1.04-1.04-1.04
1888	England ..	577	(a)	M.	48-48-48	1.07-1.07-1.07
1889	England ..	577	(a)	M.	48-48-48	1.28-1.28-1.28
1890	England ..	576	(a)	M.	45-45-45	1.37-1.52- —
1890	England ..	577	(a)	M.	48-48-48	1.50-1.50-1.50
1891	England ..	577	(a)	M.	48-48-48	1.50-1.50-1.50
1894	England ..	584	(a)	M.	(a)	1.37-1.42- —
1895	England ..	591	(a)	M.	(a)	1.28-1.37- —
1896	England ..	592	(a)	M.	(a)	1.24-1.28- —
1898	England ..	594	(a)	(a)	(a)	1.26-1.40- —

DEPUTY OVERMEN.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1841	England ..	625	(a)	M.	(a)	.81- .91- —
1861	England ..	564	(a)	(a)	(a)	.97- .97- .97
1866	England ..	566	(a)	M.	48-48-48	.97- .97- .97
(c)	England ..	567	(a)	M.	48-48-48	.91-1.14- —
1877	England ..	570	(a)	M.	45-48 —	1.09-1.22- —
1880	England ..	571	(a)	M.	54-66 —	1.22-1.42- —
1886	England ..	602	(a)	M.	(a)	1.05-1.17- —
1886	Gr't Brit...	602	(a)	M.	(a)	.91-1.26- —
1886	Scotland ..	602	(a)	M.	(a)	.88- .92- —
1888	Germany .	5	(a)	M.	(a)	d1.14-1.14-1.14
1889	Ind	5	2	M.	60-60-60	2.30-2.50-2.40
1889	Ohio	5	7	M.	54-60-57	1.61-2.30-2.04
1889	Pa	5	7	M.	60-60-60	1.92-2.75-2.52
1889	Belgium ..	5	(a)	M.	70-70-70	1.18-1.18-1.18
1889	Canada ...	5	(a)	M.	(a)	1.40-1.50- —
1889	England ..	5	(a)	M.	b46-58 —	1.22-1.64- —
1890	Australia .	423	(a)	(a)	48-48-48	2.07-2.92- —
1890	England ..	5	(a)	M.	(a)	1.36-1.48- —
1893	Australia .	424	(a)	M.	48-48-48	1.95-2.43- —
1894	Australia .	425	(a)	(a)	(a)	1.95-2.31- —
1895	Australia .	426	(a)	(a)	(a)	1.95-2.31- —
1896	Australia .	427	(a)	(a)	(a)	1.95-2.31- —
1897	Australia .	428	(a)	(a)	(a)	1.95-2.07- —
1898	Australia .	429	(a)	(a)	(a)	2.07-2.31- —

DERRICK MEN.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870	N. H	8	2	M.	60-60-60	1.50-1.50-1.50
1876	Vt	8	2	M.	66-66-66	2.00-2.00-2.00
1882	N. Y.....	2	394	M.	48-48-48	2.12-2.75-2.32
1882	Ohio	364	7	(a)	72-72-72	2.00-2.00-2.00
1885	N. Y.....	1	2	M.	60-60-60	.92-1.25-1.09
1885	N. Y.....	2	192	M.	48-48-48	3.07-3.07-3.07
1886	N. Y.....	2	1121	M.	48-59-51	2.25-3.12-2.74
1887	Md.....	4	12	M.	(a)	1.40-2.90-1.53
1887	Ohio	369	13	M.	60-60-60	1.45-1.45-1.45
1888	Mich.....	280	1	M.	60-60-60	2.49-2.49-2.49
1889	Me.....	255	23	M.	e60-60-60	1.50-1.75-1.51
1889	Mo	299	3	(a)	(a)	2.00-2.00-2.00
1890	N. Y.....	333	19	M.	(a)	1.50-2.00-1.70
1891	N. Y.....	333	155	M.	(a)	1.50-2.25-2.19
1892	Ind	227	16	M.	60-60-60	1.57-1.57-1.57
1892	Ohio	373	1	(a)	53-53-53	1.75-1.75-1.75
1892	R. I	399	2	M.	59-59-59	1.50-1.50-1.50
1893	Mich.....	285	1	M.	60-60-60	2.00-2.00-2.00
1893	Mo.....	303	8	M.	(a)	1.37-1.75-1.67
1893	Ohio	374	81	M.	66-66-66	2.05-2.05-2.05
1894	Me	260	1	M.	60-60-60	1.35-1.35-1.35
1894	N. Y.....	8	5	M.	60-60-60	1.50-2.00-1.70
1895	Ill	8	3	M.	60-60-60	1.00-1.75-1.42
1895	N. C	8	2	M.	54-54-54	.75- .75- .75
1896	Minn.....	8	4	M.	60-60-60	2.00-2.00-2.00
1896	Vt	8	2	M.	60-60-60	1.40-1.50-1.45
1897	N. Y.....	337	370	M.	48-48-48	2.90-2.90-2.90
1898	N. Y.....	338	250	M.	48-48-48	2.50-2.50-2.50
1899	Mass	18	11	M.	48-48-48	2.24-2.24-2.24
1900	Mass	18	12	M.	48-48-48	2.24-2.24-2.24

DESIGNERS, CALICO PRINTING.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1841	Scotland ..	625	(a)	M.	(a)	1.01-1.70- —
1863	Scotland ..	565	(a)	(a)	(a)	1.22-2.43- —
1871	England ..	629	(a)	(a)	(a)	1.62-2.43- —
1883	Gr't Brit ..	273	(a)	M.	(a)	1.62-3.24- —
1883	Ireland ...	43	(a)	(a)	(a)	1.42-1.42-1.42
1890	N. Y.....	333	10	M.	(a)	1.00-7.50-4.93
1891	N. Y.....	333	10	M.	(a)	1.33-7.50-4.97
1891	Italy	638	(a)	M.	66-66-66	.35- .68- —
1893	Italy	638	(a)	M.	66-66-66	.35- .68- —

DESIGNERS, CARPETINGS.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1871	Scotland ..	629	(a)	M.	60-60-60	.41-1.01- —
1883	N. J.....	322	3	M.	54-54-54	2.50-2.50-2.50
1884	Persia.....	178	(a)	(a)	(a)	.48- .65- —
1885	N. Y	1	42	M.	60-66-62	.83-8.00-3.18
1885	Gr't Brit ..	1	(a)	M.	60-60-60	1.33-1.41- —
1888	England ..	179	(a)	(a)	(a)	4.00-4.00-4.00
1890	N. Y	333	18	M.	(a)	.75-7.20-2.23
1891	N. Y	333	16	M.	(a)	.75-7.20-2.42
1898	N. J.....	329	1	M.	60-60-60	3.33-3.33-3.33

a Not reported.
b Applies to but 4 of the 5 wage quotations.
c Average for 1867–68.
d And rent, light, and fuel.
e Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DESIGNERS, CLAY AND POTTERY PRODUCTS.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 N. J	7	1	M.	(a)	3.33-3.33-3.33	1895 N. J	7	1	M.	60-60-60	3.00-3.00-3.00
1888 N. Y	331	1	M.	(a)	6.67-6.67-6.67	1898 France	512	(a)	F.	60-60-60	.41- .41- .41
1889 France	84	(a)	(a)	(a)	2.47-2.47-2.47						

DESIGNERS, CLOTHING.

1881 Mo	7	1	M.	54-54-54	8.33-8.33-8.33	1893 N. Y	10	1	M.	58-58-58	6.67-6.67-6.67
1885 Md	7	2	M.	54-60-57	6.67-6.67-6.67	1893 Pa	10	1	M.	59-59-59	2.33-2.33-2.33
1885 N. Y	7	1	F.	(a)	2.67-2.67-2.67	1894 France	506	(a)	F.	75-75-75	1.11-2.22- —
1886 N. J	3	1	F.	54-54-54	1.50-1.50-1.50	1895 Ill	7	1	M.	54-54-54	5.00-5.00-5.00
1886 N. Y	3	2	F.	54-54-54	4.17-8.33-6.25	1895 La	7	1	F.	60-60-60	(b)
1886 Pa	7	1	M.	56-56-56	4.17-4.17-4.17	1895 Md	7	2	M.	54-54-54	6.67-8.33-7.50
1890 N. Y	333	21	M.	(a)	3.33-10.00-7.18	1895 Mo	7	1	M.	54-54-54	(c)
1890 N. Y	333	5	F.	(a)	1.67-8.33-6.17	1895 N. Y	7	2	F.	54-54-54	3.33-3.33-3.33
1891 N. Y	333	22	M.	(a)	2.33-9.17-6.41	1896 Ohio	377	1	M.	54-54-54	5.50-5.50-5.50
1891 N. Y	333	2	F.	(a)	2.00-4.17-3.09	1896 Pa	7	1	M.	56-56-56	5.00-5.00-5.00

DESIGNERS, EMBROIDERY AND LACE.

1870 France	33	(a)	(a)	(a)	.81- .81- .81	1888 N. Y	331	3	(a)	e48-48-48	3.00-3.50-3.33
1877 England	570	(a)	M.	(a)	1.62-4.87- —	1890 N. Y	333	8	M.	(a)	2.50-4.67-3.50
1878 England	177	(a)	M.	d57-57-57	1.62-4.86- —	1891 N. Y	333	9	M.	(a)	2.33-5.00-3.87
1880 England	571	(a)	M.	54-54-54	1.62-4.06- —	1892 France	505	(a)	M.	54-57 —	.39-1.54- —
1883 England	572	(a)	M.	(a)	1.62-4.06- —	1896 Pa	394	21	M.	45-45-45	1.17-6.73-2.29
1887 N. Y	3	1	F.	53-53-53	1.67-1.67-1.67						

DESIGNERS, FURNITURE.

1883 Mass	273	2	M.	(a)	5.00-5.00-5.00	1892 Cal	196	1	M.	60-60-60	4.67-4.67-4.67
1887 Wis	409	1	M.	(a)	5.00-5.00-5.00	1893 Ohio	374	1	M.	60-60-60	4.17-4.17-4.17
1888 N. Y	331	5	M.	60-60-60	3.50-6.39-4.08	1894 Ohio	375	2	M.	60-60-60	3.75-3.75-3.75
1889 Mich	281	3	M.	60-60-60	3.00-4.17-3.67	1895 Ohio	376	1	M.	60-60-60	2.00-2.00-2.00
1890 N. Y	333	15	M.	(a)	1.67-6.00-3.98	1896 Mass	8	1	M.	48-48-48	4.80-4.80-4.80
1891 N. Y	333	14	M.	(a)	1.67-6.00-3.79						

DESIGNERS, GLASS.

1860 Russia	609	(a)	(a)	(a)	.25- .37- —	1893 Il	10	1	M.	59-59-59	3.50-3.50-3.50
1869 Russia	185	(a)	(a)	(a)	.27- .42- —	1894 Ga	8	1	M.	60-60-60	3.65-3.65-3.65
1888 N. Y	331	1	M.	59-59-59	3.50-3.50-3.50	1896 Ohio	377	1	M.	60-60-60	2.50-2.50-2.50

DESIGNERS, GOLD AND SILVER WARE.

1881 Mass	7	1	M.	60-60-60	3.25-3.25-3.25	1890 N. Y	333	2	M.	(a)	3.00-5.00-4.00
1887 Conn	202	12	M.	(a)	2.64-2.64-2.64	1891 N. Y	333	3	M.	(a)	3.17-5.00-4.39
1888 N. Y	331	1	M.	59-59-59	7.50-7.50-7.50	1895 Mass	7	3	M.	58-60-59	6.00-10.00-7.33

DESIGNERS' HELPERS, CARPETINGS.

1885 Gr't Brit	1	(a)	M.	60-60-60	.33- .42- —	----	----	----	----	----	----

a Not reported.
b $13.33-$13.33-$13.33.
c $10.00-$10.00-$10.00.
d Applies to but 2 of the 4 wage quotations.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DESIGNERS' HELPERS, CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.....	333	3 M.	(a)	1.33-2.00-1.67	1891 N. Y.....	333	3 M.	(a)	1.67-2.33-1.89

DESIGNERS' HELPERS, TEXTILES.

1885 N. Y.....	1	2 M.	69-69-69	1.92-1.92-1.92	1888 R. I	6	1 M.	(a)	2.75-2.75-2.75
1886 England ..	600	(a) M.	57-57-57	.73- .73- .73	1890 N. H	6	1 M.	60-60-60	1.50-1.50-1.50
1888 Conn.....	6	2 M.	(a)	.75- .75- .75	1894 N. Y.....	8	1 M.	60-60-60	1.00-1.00-1.00

DESIGNERS, METALLIC GOODS.

1874 N. Y.....	8	1 M.	60-60-60	3.50-3.50-3.50	1888 N. Y.....	331	2 M.	b 47-47-47	3.33-6.39-4.86
1875 Ill.....	8	1 M.	54-54-54	3.50-3.50-3.50	1890 Mich.....	282	1 M.	60-60-60	6.67-6.67-6.67
1884 Italy	178	(a) M.	60-60-60	1.20-1.60- —	1891 N. Y.....	333	4 M.	(a)	2.33-8.33-4.58
1885 Md.....	7	1 M.	(a)	2.00-2.00-2.00	1895 Ohio	376	1 M.	48-48-48	5.00-5.00-5.00
1885 Mich.....	1	1 M.	60-60-60	4.00-4.00-4.00	1895 Ohio	376	2 F.	48-48-48	3.00-3.00-3.00
1885 N. Y.....	1	3 M.	60-60-60	5.00-6.00-5.33	1896 Md.....	7	1 M.	(a)	1.67-1.67-1.67
1887 Conn.....	202	5 M.	(a)	4.58-8.11-6.70	1896 N. Y.....	8	2 M.	48-60-54	2.50-3.00-2.75

DESIGNERS, PRINTING AND PUBLISHING.

1884 Pa	8	1 M.	59-59-59	5.83-5.83-5.83	1891 France....	505	(a) M.	60-70 —	.58-2.99- —
1884 Belgium ..	178	(a) M.	60-60-60	1.93-1.93-1.93	1892 France....	505	(a) M.	60-60-60	1.25-2.70- —
1884 Italy	178	(a) M.	(a)	1.55-2.90- —	1895 Va	7	1 M.	54-54-54	7.50-7.50-7.50
1887 Wis	409	21 M.	(a)	4.50-5.78-5.71	1896 Mich.....	7	1 F.	59-59-59	2.50-2.50-2.50
1888 N. Y.....	331	2 M.	53-53-53	3.60-4.17-3.89	1896 Ohio	377	4 M.	48-48-48	6.00-6.00-6.00
1889 Portugal ..	691	(a) (a)	(a)	.86-2.43- —	1896 Pa	7	1 M.	59-59-59	6.33-6.33-6.33

DESIGNERS, SIGNS.

1885 Md.....	7	1 M.	60-60-60	2.50-2.50-2.50	1891 N. Y.....	333	1 M.	(a)	4.17-4.17-4.17
1888 N. Y.....	331	3 M.	53-54-53	4.00-5.00-4.67	1895 Md.....	7	1 M.	60-60-60	2.83-2.83-2.83
1890 N. Y.....	333	2 M.	(a)	4.17-4.17-4.17					

DESIGNERS, TEXTILES.

1839 England ..	563	(a) M.	65-65-65	1.22-1.22-1.22	1872 S. C	7	1 M.	72-72-72	1.75-1.75-1.75
1849 England ..	563	(a) M.	60-60 60	1.52-1.5.-1.52	1872 England ..	185	(a) (a)	(a)	1.83-1.83-1.83
1859 England ..	563	(a) M.	60-60-60	2.64-2.64-2.64	1873 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1860 Russia	609	(a) M.	(a)	.42- .60- —	1874 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1863 R. I	190	1 M.	78-78-78	1.50-1.50-1.50	1874 England ..	569	(a) M.	56-60 —	1.62-2.43- —
1864 R. I	190	1 M.	78-78-78	1.75-1.75-1.75	1875 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1865 R. I	190	1 M.	78-78-78	2.00-2.00-2.00	1876 Pa	381	1 M.	(a)	6.41-6.41-6.41
1866 R. I	190	1 M.	78-78-78	2.25-2.25-2.25	1876 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1866 England ..	566	(a) M.	60-60-60	1.22-2.03- —	1877 N. J	317	1 (a)	60-60-60	5.00-5.00-5.00
1866 Scotland ..	566	(a) M.	60-60-60	1.42-1.62- —	1877 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1867 R. I	190	1 M.	78-78-78	2.25-2.25-2.25	1877 England ..	570	(a) M.	54-57 —	2.03-2.43- —
1868 R. I	190	1 M.	72-72-72	2.25-2.25-2.25	1877 Scotland ..	570	(a) M.	(a)	1.30-2.84- —
(c) England ..	567	(a) M.	60-60-60	1.22-2.03- —	1878 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1869 Russia	609	(a) M.	(a)	.52- .60- —	1879 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1870 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1880 Conn.....	190	1 M.	66-66-66	3.00-3.00-3.00
1871 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1880 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1872 R. I	190	1 M.	72-72-72	2.75-2.75-2.75	1880 England ..	571	(a) M.	54-57 —	1.42-2.43- —

a Not reported. b Not including hours of 1 person not reported. c Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DESIGNERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1881 Conn	190	1 M.	66-66-66	3.50-3.50-3.50	1888 Conn	6	2 M.	(a)	3.50-3.50-3.50
1881 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1888 Ga	6	1 M.	66-66-66	1.75-1.75-1.75
1882 Conn	190	1 M.	66-66-66	3.50-3.50-3.50	1888 N. Y	331	7 M.	b 59-59-59	3.00-4.17-3.83
1882 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1888 Pa	6	1 M.	(a)	2.50-2.50-2.50
1882 France	33	(a) (a)	(a)	.73- .73- .73	1888 R. I	6	1 M.	(a)	4.81-4.81-4.81
1883 Conn	190	1 M.	66-66-66	5.00-5.00-5.00	1888 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1883 Mass	273	4 F.	(a)	1.00-1.25-1.09	1888 Canada	470	(a) M.	60-60-60	3.01-3.01-3.01
1883 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1889 Conn	6	1 M.	(a)	5.00-5.00-5.00
1883 England	572	(a) M.	54-60 —	1.82-3.04- —	1889 Me	6	1 M.	(a)	1.30-1.30-1.30
1884 Conn	190	1 M.	66-66-66	5.00-5.00-5.00	1889 N. H	6	1 M.	60-60-60	1.50-1.50-1.50
1884 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1889 N. Y	6	5 M.	c 60-60-60	1.62-4.79-2.85
1884 Canada	178	(a) M.	60-60-60	.50-3.00- —	1889 R. I	190	3 M.	60-60-60	1.50-2.75-1.92
1884 Canada	178	(a) F.	60-60-60	.50- .83- —	1889 Canada	471	(a) M.	60-60-60	3.28-3.28-3.28
1884 Persia	178	(a) (a)	(a)	.43- .81- —	1890 Mass	6	1 M.	(a)	2.00-2.00-2.00
1885 Conn	190	1 M.	66-66-66	5.00-5.00-5.00	1890 Mass	6	2 F.	(a)	1.50-1.50-1.50
1885 Me	1	3 M.	66-66-66	1.75-3.00-2.26	1890 N. H	6	1 M.	60-60-60	2.72-2.72-2.72
1885 Me	7	1 M.	66-66-66	2.00-2.00-2.00	1890 N. J	6	1 M.	(a)	3.61-3.61-3.61
1885 Mass	7	1 M.	60-60-60	3.00-3.00-3.00	1890 R. I	6	1 M.	(a)	2.50-2.50-2.50
1885 N. H	1	1 M.	66-66-66	1.50-1.50-1.50	1890 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1885 N. H	7	1 M.	66-66-66	2.90-2.90-2.90	1890 Germany	6	(a) M.	(a)	.33- .71- —
1885 N. Y	1	11 M.	66-67-66	1.65-6.00-2.43	1890 Germany	6	(a) F.	66-66-66	.23- .23- .23
1885 N. Y	7	1 M.	(a)	3.33-3.33-3.33	1891 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1885 R. I	190	1 M.	72-72-72	2.50-2.50-2.50	1892 Mass	20	2 M.	60-60-60	2.50-3.00-2.75
1885 Vt	7	5 M.	60-60-60	.45-1.63-1.05	1892 Mass	20	1 F.	60-60-60	1.40-1.40-1.40
1885 Gr't Brit	1	(a) M.	60-60-60	1.60-1.60-1.60	1892 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1885 Gr't Brit	1	(a) F.	60-60-60	.32- .32- .32	1893 Mass	20	1 M.	58-58-58	3.00-3.00-3.00
1886 Conn	190	1 M.	66-66-66	5.00-5.00-5.00	1894 N. Y	8	1 M.	60-60-60	3.83-3.83-3.83
1886 N. J	325	2 M.	60-60-60	2.00-6.67-4.34	1894 R. I	401	2 (a)	(a)	3.00-5.12-4.06
1886 R. I	3	2 F.	58-60-59	.76- .83- .80	1895 Me	7	3 M.	60-60-60	2.50-4.00-3.17
1886 R. I	190	1 M.	60-60-60	2.50-2.50-2.50	1895 Mass	7	2 M.	58-58-58	2.50-4.81-3.66
1886 England	600	(a) M.	57-57-57	1.67-2.26- —	1895 N. H	7	8 M.	60-60-60	1.28-1.35-1.29
1886 Scotland	600	(a) M.	57-57-57	1.61-1.61-1.61	1895 N. H	7	5 F.	60-60-60	.90-1.20-1.12
1887 Conn	202	20 M.	(a)	.72-1.84-1.51	1895 N. Y	7	1 M.	60-60-60	3.67-3.67-3.67
1887 Conn	202	4 F.	(a)	.72-1.67- .96	1896 Ga	7	1 M.	66-66-66	2.00-2.00-2.00
1887 Pa	3	2 F.	60-60-60	1.17-1.17-1.17	1896 R. I	7	3 M.	60-60-60	1.33-3.33-2.22
1887 R. I	190	1 M.	60-60-60	2.50-2.50-2.50	1896 S. C	7	1 M.	66-66-66	1.75-1.75-1.75

DESIGNERS, WALL PAPER.

1863 England	565	(a) F.	(a)	.49-2.23- —	1883 England	572	(a) M.	54-54-54	2.03-2.03-2.03
1877 England	570	(a) M.	50-50-50	1.46-1.46-1.46	1885 N. J	324	3 M.	60-60-60	2.67-3.33-3.00
1879 Pa	384	1 (a)	60-60-60	2.50-2.50-2.50	1890 N. Y	333	1 M.	(a)	4.00-4.00-4.00
1880 England	571	(a) M.	50-50-50	.51-1.95- —	1891 N. Y	333	1 M.	(a)	4.00-4.00-4.00

DESIGN READERS, WOOLEN GOODS.

1883 Mass	273	3 M.	(a)	1.00-1.34-1.23	1889 N. H	6	2 F.	60-60-60	1.25-1.25-1.25
1889 Conn	6	1 M.	(a)	1.75-1.75-1.75	1889 Scotland	6	(a) M.	57-57-57	.95- .95- .95
1889 N. H	6	1 M.	60-60-60	3.50-3.50-3.50					

DIAL MAKERS.

1850 Mass	8	1 M.	66-66-66	5.00-5.00-5.00	1885 Ill	1	20 F.	60-60-60	2.17-2.17-2.17
1884 Switzerl'd	178	(a) M.	65-65-65	.79-1.16- —	1890 N. Y	333	1 M.	(a)	2.50-2.50-2.50
1885 Ill	1	48 M.	60-60-60	2.17-2.17-2.17	1891 N. Y	333	1 M.	(a)	3.00-3.00-3.00

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DIAMOND CUTTERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1871	Netherl'ds	611	(a) M.	72-72-72	1.69-5.41- —
1872	Netherl'ds	185	(a) (a)	72-72-72	1.68-5.37- —
1878	Netherl'ds	177	(a) M.	(a)	6.67-13.33- —
1884	Aust-Hun.	178	(a) M.	60-60-60	.83-1.00- —
1884	Belgium ..	178	(a) M.	(a)	13.33-15.00- —
1884	Netherl'ds	178	(a) M.	72-72-72	1.33-5.33- —
1884	Netherl'ds	178	(a) F.	72-72-72	1.00-1.33- —
1886	N. Y.	7	1 M.	60-60-60	2.67-2.67-2.67
1886	Netherl'ds	456	(a) (a)	72-72-72	1.34-5.23- —
1887	Netherl'ds	598	(a) (a)	72-72-72	1.35-5.27- —
1888	N. Y.	331	1 M.	(a)	3.33-3.33-3.33
1890	Netherl'ds	666	(a) M.	(a)	1 28-6.42- —
1892	France	505	(a) M.	60-63 —	.39-1.54- —
1892	France	505	(a) F.	63-63-63	.97-1.54- —
1893	Netherl'ds	632	(a) M.	(a)	.77-2.57- —
1895	France	513	(a) M.	(a)	1.04-2.22- —
1896	N. Y.	7	1 M.	60-60-60	3.00-3.00-3.00

DIAMOND POLISHERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1868	Belgium ..	610	(a) (a)	(a)	1.93-1.93-1.93
1884	Netherl'ds	178	(a) M.	72-72-72	1.67-5.00- —
1886	Netherl'ds	456	(a) (a)	72-72-72	1.69-5.03- —
1887	Netherl'ds	598	(a) (a)	72-72-72	1.70-5.07- —
1890	Netherl'ds	666	(a) M.	(a)	.94-2.68- —
1890	Netherl'ds	666	(a) F.	(a)	.54- .67- —
1892	France	505	(a) M.	60-60-60	.39-1.74- —
1892	France	505	(a) F.	60-60-60	.39-1.74- —
1893	Netherl'ds	632	(a) M.	(a)	1.34-2.68- —

DIAMOND SETTERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	N. J	322	3 M.	(a)	3.00-3.67-3.44
1884	England ..	178	(a) (a)	(a)	1.44-2.43- —
1885	N. J	7	2 M.	b55-55-55	4.67-5.00-4.84
1885	N. Y.	7	11 M.	c59-59-59	1.67-5.00-2.87
1888	N. J	326	5 M.	(a)	5.83-6.67-6.50
1888	N. Y.	331	7 M.	44-59-55	4.17-5.00-4.76
1889	France	521	(a) M.	60-60-60	.97-2.90- —
1890	N. Y.	333	59 M.	(a)	2.00-6.00-3.55
1891	N. Y.	333	62 M.	(a)	1.50-6.67-3.52
1891	Belgium ..	632	(a) (a)	(a)	.97-1.93- —
1891	France	505	(a) M.	d60-60-60	1.35-2.90- —
1892	Cal.	196	2 M.	57-60-59	3.00-4.17-3.59
1892	C. of G'd H.	486	(a) M.	(a)	2.99-3.73 —
1892	France	505	(a) M.	60-60-60	1.93-1.93-1.93
1893	Ohio	374	3 M.	60-60-60	1.85-3.00-2.39
1894	Ohio	375	6 M.	48-60-54	2.15-5.00-3.58
1894	Australia..	425	(a) (a)	(a)	3.24-4.06- —
1895	N. J	7	5 M.	55-60-59	3.29-6.67-4.84
1895	N. Y.	7	23 M.	59-59-59	1.67-5.00-2.75
1895	Ohio	376	3 M.	60-60-60	2.50-3.00-2.75
1895	Australia..	426	(a) (a)	(a)	3.25-4.06- —
1896	Ohio	377	7 M.	48-56-54	2.25-3.03-2.88
1896	Australia..	427	(a) (a)	(a)	3.25-4.06- —
1896	France	505	(a) M.	48-48-48	.77- .77- .77

DIE GRINDERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Mass	7	1 M.	60-60-60	2.25-2.25-2.25
1885	Pa	1	1 M.	60-60-60	1.70-1.70-1.70
1895	Mass	7	2 M.	58-58-58	.97-1.69-1.33

DIE REAMERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Ohio	1	27 M.	60-60-60	1.67-1.67-1.67
1888	N. Y.	331	3 M.	(a)	e.20- .20- .20
1889	Ohio	5	25 M.	60-60-60	2.25-2.25-2.25
1890	N. Y.	333	4 M.	(a)	2.80-2.80-2.80
1891	N. Y.	333	3 M.	(a)	2.25-3.00-2.58

DIE SETTERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	N. Y.	7	1 M.	59-59-59	2.50-2.50-2.50
1890	N. Y.	333	1 M.	(a)	3.00-3.00-3.00
1891	N. Y.	333	5 M.	(a)	1.50-3.33-2.20
1893	Ohio	374	1 M.	60-60-60	1.80-1.80-1.80
1894	Ohio	375	2 M.	60-60-60	2.00-2.00-2.00
1895	Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1895	Ohio	376	11 M.	60-60-60	2.25-2.25-2.25
1896	N. Y.	7	2 M.	59-59-59	1.83-2.63-2.23
1896	Ohio	377	5 M.	60-60-60	1.50-2.25-1.75

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DIE SINKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1839 England	562	(a) M.	59-59-59	2.35-2.35-2.35	1888 N. Y	331	11 M.	b 57-59-58	1.00-6.00-3.42
1849 England	562	(a) M.	59-59-59	1.82-1.82-1.82	1889 N. H	6	2 M.	60-60-60	4.67-4.67-4.67
1856 Scotland	562	(a) M.	(a)	1.52-2.23- —	1890 Ill	19	1 M.	(a)	2.00-2.00-2.00
1857 Scotland	562	(a) M.	(a)	1.78-2.03- —	1890 N. Y	333	39 M.	(a)	1.13-5.00-2.18
1858 Scotland	562	(a) M.	(a)	1.62-1.78- —	1891 Ill	19	1 M.	(a)	2.00-2.00-2.00
1859 England	562	(a) M.	59-59-59	1.95-1.95-1.95	1891 N. Y	333	23 M.	(a)	2.50-5.00-3.53
1860 Scotland	563	(a) (a)	(a)	1.62-1.83- —	1892 Cal	196	1 M.	60-60-60	3.50-3.50-3.50
1861 Scotland	564	(a) (a)	(a)	1.62-1.83- —	1892 Ill	19	1 M.	59-59-59	1.75-1.75-1.75
1863 Scotland	565	(a) (a)	(a)	1.01-1.58- —	1892 Mass	20	2 M.	60-60-60	2.50-2.75-2.63
1866 Scotland	566	(a) M.	60-60-60	1.62-1.62-1.62	1893 Ill	19	1 M.	59-59-59	1.75-1.75-1.75
1872 Conn	8	1 M.	60-60-60	4.50-4.50-4.50	1893 Mass	20	1 M.	60-60-60	2.75-2.75-2.75
1874 England	569	(a) M.	59-59-59	2.11-2.11-2.11	1893 Ohio	374	22 M.	54-60-59	1.66-3.25-2.46
1877 England	570	(a) M.	59-59-59	.42-2.11- —	1893 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1880 Mass	7	5 M.	60-60-60	3.33-4.83-4.27	1893 England	589	(a) M.	53-54 —	.81-1.73- —
1880 England	571	(a) M.	58-58-58	1.62-2.11- —	1894 Mass	20	1 M.	60-60-60	3.00-3.00-3.00
1880 Scotland	571	(a) M.	56-56-56	.45-1.59- —	1894 Ohio	375	22 M.	48-60-59	1.75-3.50-2.42
1881 Mass	7	1 M.	60-60-60	5.00-5.00-5.00	1895 Mass	7	13 M.	60-60-60	2.75-5.00-4.23
1882 Pa	7	10 M.	60-60-60	1.67-2.17-1.87	1895 Mass	20	2 M.	60-60-60	2.00-2.00-2.00
1883 England	572	(a) M.	57-57-57	.32-2.11- —	1895 N. J	7	2 M.	60-60-60	3.50-3.50-3.50
1883 Gr't Brit	273	(a) M.	(a)	1.62-1.87- —	1895 Ohio	376	43 M.	b 60-60-60	2.10-3.50-2.66
1883 Ireland	43	(a) (a)	(a)	1.62-1.62-1.62	1895 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1883 Scotland	572	(a) M.	57-57-57	1.66-1.78- —	1896 Conn	8	4 M.	60-60-60	4.00-6.00-5.50
1884 Pa	7	3 M.	59-59-59	2.33-2.67-2.44	1896 Ohio	377	49 M.	c 60-60-60	2.25-3.50-2.86
1885 Mass	1	2 M.	60-60-60	4.50-4.50-4.50	1896 Pa	7	18 M.	55-60-59	1.67-3.33-2.34
1885 N. H	1	5 M.	60-60-60	4.33-4.66-4.40	1896 R. I	8	1 M.	60-60-60	5.00-5.00-5.00
1885 N. J	7	2 M.	(a)	4.17-4.17-4.17	1897 Conn	8	5 M.	60-60-60	4.00-6.00-5.20
1885 N. J	324	1 M.	60-60-60	2.17-2.17-2.17	1897 Conn	204	2 M.	54-58-56	3.25-5.00-4.13
1887 Conn	202	16 M.	(a)	2.95-4.21-3.48	1898 N. J	329	13 M.	60-60-60	3.33-5.83-4.97
1887 Ohio	369	1 M.	60-60-60	1.50-1.50-1.50	1899 Pa	18	3 M.	54-54-54	3.33-3.33-3.33
1888 N. J	326	2 (a)	58-58-58	2.75-2.75-2.75	1900 Pa	18	3 M.	54-54-54	3.33-3.33-3.33

DIE SINKERS' HELPERS.

1885	Mass	1	2	M.	60-60-60	2.20-2.20-2.20	1885	N. H	1	2	M.	60-60-60	1.00-1.66-1.33

DIFFUSERS, BEET SUGAR.

1892	France	505	(a)	M.	72-72-72	.58-1.25- —	1892	Russia	692	(a)	(a)	(a)	.12- .19- —

DIGESTERS, PAPER MILL.

1890	N. Y	333	4	M.	(a)	1.50-2.00-1.75	1894	Ohio	375	2	M.	72-72-72	2.25-2.25-2.25
1891	N. Y	333	5	M.	(a)	1.50-3.00-2.00	1895	Ohio	376	4	M.	66-66-66	1.50-2.25-1.88
1894	Me	260	2	M.	66-66-66	1.75-2.00-1.88							

DILLY RIDERS, COAL MINING.

1891	Pa	8	1	M.	60-60-60	2.00-2.00-2.00	1897	Pa	8	2	M.	60-60-60	2.00-2.00-2.00
1895	Pa	8	2	M.	60-60-60	1.70-2.00-1.85							

DIPPERS, BRASS AND COPPER.

1880	England	571	(a)	M.	49-49-49	.85-1.01- —	1891	France	505	(a)	M.	60-60-60	.68-1.06- —
1888	Mich	280	4	M.	48-48-48	2.29-2.68-2.39							

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DIPPERS, BUTTONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1830 Conn	8	1 M.	60-60-60	1.00-1.00-1.00	1895 Conn	8	2 M.	60-60-60	1.50-1.50-1.50
1862 Mass	8	1 M.	60-60-60	1.50-1.50-1.50	1895 N. Y	7	2 M.	59-59-59	1.00-2.50-1.75
1885 N. Y	7	2 M.	59-59-59	1.17-2.83-2.00					

DIPPERS, CANNED GOODS.

1860 Md	8	1 M.	72-72-72	1.25-1.25-1.25	1894 N. Y	8	3 M.	60-60-60	1.50-1.50-1.50
1865 Md	8	1 M.	72-72-72	.50- .50- .50	1895 Md	8	2 M.	60-60-60	1.50-1.50-1.50
1894 Md	8	2 M.	60-72-66	1.75-1.75-1.75					

DIPPERS, CLAY AND POTTERY PRODUCTS.

1841 England	625	(a) M.	63-63-63	1.30-1.30-1.30	1887 Ohio	369	1 F.	54-54-54	1.10-1.10-1.10
1866 England	566	(a) M.	63-63-63	1.01-1.01-1.01	1888 N. Y	331	1 M.	59-59-59	1.00-1.00-1.00
1871 England	629	(a) (a)	(a)	1.30-1.30-1.30	1891 England	123	(a) (a)	(a)	2.84-2.84-2.84
1881 N. J	320	1 M.	60-60-60	2.50-2.50-2.50	1892 Ind	227	1 M.	60-60-60	1.50-1.50-1.50
1883 England	572	(a) M.	42-42-42	1.62-1.62-1.62	1892 Ohio	373	43 M.	47-59-55	1.50-3.90-2.60
1884 N. J	323	1 M.	48-48-48	1.83-1.83-1.83	1892 Ohio	373	11 F.	59-59-59	.75-1.00- .77
1884 Ohio	7	2 M.	54-54-54	2.25-2.25-2.25	1892 Ohio	373	8 (a)	47-58-56	.75-1.00- .78
1884 Ohio	366	1 M.	54-54-54	1.33-1.33-1.33	1894 Ohio	375	70 M.	48-60-55	1.30-2.83-2.05
1884 Pa	7	1 M.	59-59-59	2.00-2.00-2.00	1894 Ohio	375	6 F.	48-54-51	.75-1.78- .77
1884 W. Va	7	24 M.	59-59-59	1.50-2.00-1.73	1896 N. Y	7	1 M.	59-59-59	2.92-2.92-2.92
1884 France	178	(a) F.	65-65-65	.56- .56- .56	1896 Ohio	7	4 M.	54-54-54	2.28-2.28-2.28
1886 N. J	325	18 M.	b 60-60-60	2.50-2.50-2.50	1896 Pa	7	1 M.	59-59-59	2.00-2.00-2.00
1886 N. Y	7	1 M.	59-59-59	3.00-3.00-3.00	1896 W. Va	7	25 M.	59-59-59	2.00-2.00-2.00
1887 Ohio	369	28 M.	54-60-55	2.00-3.33-2.50					

DIPPERS, CONFECTIONERY.

1880 Mich	7	1 F.	(a)	.50- .50- .50	1893 N. Y	10	1 M.	60-60-60	.83- .83- .83
1880 N. Y	7	67 F.	59-59-59	.54-1.25- .75	1893 N. Y	10	11 F.	48-60-58	.42-1.00- .63
1880 N. C	7	2 F.	(a)	.38- .50- .44	1893 Ohio	374	3 M.	60-60-60	.90- .90- .90
1880 Pa	7	4 M.	60-60-60	.67- .83- .75	1893 Ohio	374	26 F.	60-60-60	.50- .50- .50
1880 Pa	7	2 F.	60-60-60	.83- .83- .83	1893 Pa	10	2 F.	60-60-60	.58- .67- .63
1883 Ohio	7	6 F.	60-78-63	.61-1.00- .72	1894 Ohio	375	43 F.	51-60-59	.50- .75- .52
1885 Md	7	5 F.	60-60-60	.42- .58- .50	1895 Md	7	41 F.	60-60-60	.25- .50- .34
1885 Mass	7	4 F.	56-56-56	1.21-1.33-1.28	1895 Mass	7	109 F.	56-56-56	.58-1.33- .85
1885 N. Y	7	24 F.	56-60-58	.33- .83- .65	1895 N. Y	7	1 M.	60-60-60	.71- .71- .71
1885 Wis	7	4 F.	60-60-60	1.00-1.00-1.00	1895 N. Y	7	102 F.	56-60-59	.46-1.25- .73
1886 Ill	7	37 F.	60-60-60	.67-1.00- .82	1895 N. C	7	4 F.	60-60-60	.42- .50- .48
1886 Iowa	7	20 F.	59-60-60	.42- .75- .51	1895 Ohio	7	10 F.	60-60-60	.48- .79- .66
1886 N. Y	7	36 F.	c 60-60-60	.63-1.28- .98	1895 Ohio	376	15 F.	60-60-60	.50- .50- .50
1887 Mass	3	2 F.	56-56-56	.67- .83- .75	1896 Ill	7	50 F.	60-60-60	.42-1.08- .69
1887 N. Y	3	3 F.	d 59-59-59	.83-1.33-1.11	1896 Iowa	7	45 F.	59-60-60	.42-1.00- .56
1888 Ind	3	6 F.	56-60-59	.50- .67- .62	1896 Mich	7	2 F.	60-60-60	.50- .50- .50
1890 N. Y	333	5 F.	(a)	1.00-1.00-1.00	1896 N. Y	7	17 F.	60-60-60	.58- .78- .66
1891 Mich	283	35 F.	(a)	.50- .71- .68	1896 Ohio	7	1 F.	60-60-60	1.00-1.00-1.00
1891 N. Y	333	16 M.	(a)	.58- .83- .70	1896 Ohio	377	16 F.	60-60-60	.44- .75- .50
1891 N. Y	333	12 F.	(a)	.83-1.00- .89	1896 Pa	7	15 F.	57-57-57	.75-1.00- .90
1892 Cal	196	10 F.	d 57-60-59	.50-1.00- .75	1896 Wis	7	6 F.	60-60-60	.67-1.33- .88
1892 Ill	210	59 F.	59-59-59	.58-1.50- .82	1897 Kans	251	1 F.	60-60-60	.42- .42- .42
1893 Ill	10	3 F.	42-59-52	.83-1.00- .94					

DIPPERS, EVAPORATED FRUIT.

1886 Cal	8	6 M.	60-60-60	1.75-1.75-1.75	1896 Cal	8	12 M.	60-60-60	1.50-1.50-1.50
1887 Cal	8	6 M.	60-60-60	1.75-1.75-1.75					

a Not reported.
b Not including hours of 17 persons not reported.
c Not including hours of 13 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DIPPERS, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Ind	6	2 M.	60-60-60	1.62-1.62-1.62	1890 Pa	6	5 M.	(a)	1.59-2.10-1.79

DIPPERS' HELPERS, CLAY AND POTTERY PRODUCTS.

1863	England ..	627	(a)	M.	(a)	.18- .28- —	1892	Ohio	373	1	M.	59-59-59	1.50-1.50-1.50
1884	Ohio	7	4	F.	54-54-54	.75- .75- .75	1892	Ohio	373	7	F.	53-59-56	.50-1.00- .67
1884	Pa	7	1	M.	59-59-59	1.00-1.00-1.00	1892	Ohio	373	23	(a)	b 47-59-54	.75- .75- .75
1886	N. Y.....	7	1	M.	59-59-59	.83- .83- .83	1894	Ohio	375	15	M.	42-60-56	.75-1.26- .91
1887	Ohio	369	8	F.	54-54-54	.60- .75- .69	1894	Ohio	375	84	F.	c 48-60-56	.55-1.00- .65
1888	N. Y.....	331	5	M.	53-53-53	.75- .75- .75	1896	N. Y.....	7	2	M.	59-59-59	.67-1.00- .83
1891	England ..	123	(a)	M.	(a)	.41- .41- .41	1896	Ohio	7	6	F.	54-54-54	.75- .75- .75
1891	England ..	123	(a)	F.	(a)	.49- .49- .49	1896	Pa	7	2	M.	59-59-59	1.00-1.00-1.00

DIPPERS' HELPERS, MATCHES.

1890	N. Y.....	333	1	M.	(a)	.50- .50- .50	1891	N. Y.....	333	2	M.	(a)	.50- .75- .63

DIPPERS' HELPERS, TIN PLATE.

1890	N. Y.....	333	2	M.	(a)	.50- .50- .50	1891	N. Y.....	333	2	M.	(a)	.50- .50- .50

DIPPERS, IRON AND STEEL.

1895	Pa	8	4	M.	54-60-57	1.67-2.50-1.96	1898	Pa	18	2	M.	(a)	2.50-2.50-2.50
1897	Ohio	377	15	(a)	48-48-48	1.85-1.85-1.85	1899	Pa	18	4	M.	(a)	2.00-2.75-2.56

DIPPERS, MATCHES.

1844	N. Y.....	8	3	M.	72-72-72	1.25-1.25-1.25	1891	N. Y.....	333	1	M.	(a)	1.50-1.50-1.50
1845	Mass	8	1	M.	72-72-72	1.25-1.25-1.25	1892	Russia	692	(a)	(a)	(a)	.16- .32- —
1868	Me	8	4	M.	66-66-66	1.25-1.25-1.25	1893	Italy	639	(a)	M.	(a)	.48- .48- .48
1885	N. H	1	2	M.	60-60-60	1.75-1.75-1.75	1895	Me	8	4	M.	60-60-60	1.25-1.25-1.25
1886	Ohio	2	26	(a)	60-60-60	.65- .65- .65	1895	Mass	8	1	M.	60-60-60	1.25-1.25-1.25
1890	N. Y.....	333	1	M.	(a)	1.25-1.25-1.25	1897	Me	8	4	M.	60-60-60	1.50-3.50-2.00
1890	Netherl'ds	666	(a)	M.	74-74-74	.58- .58- .58							

DIPPERS, METALLIC GOODS.

1880	England ..	571	(a)	M.	49-49-49	1.26-1.38- —	1890	N. Y.....	333	3	M.	(a)	1.75-2.33-2.11
1883	Mass	273	6	M.	(a)	1.67-2.00-1.78	1891	N. Y.....	333	13	M.	(a)	1.50-2.33-2.14
1884	Mich.....	278	3	M.	(a)	2.00-2.30-2.20	1893	Mont.....	307	2	M.	d 51-51-51	4.00-4.00-4.00
1885	Gr't Brit ..	1	(a)	M.	60-60-60	1.33-1.33-1.33	1894	Ohio	375	4	M.	60-60-60	.81- .81- .81
1888	N. Y.....	331	8	M.	58-59-59	1.50-2.17-2.00	1894	Ohio	375	40	F.	60-60-60	.50- .50- .50

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DIPPERS, TIN PLATE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1873 Sweden	185	(a) M.	66-66-66	0.33-1.32- —
1873 Sweden	185	(a) F.	66-66-66	.26- .26- .26
1884 England	178	(a) M.	56-56-56	1.21-2.42- —
1884 Germany	178	(a) M.	72-72-72	.69- .69- .69
1886 Wales	604	(a) M.	(a)	1.72-1.72-1.72
1888 Germany	558	(a) (a)	59-59-59	0.60-0.83- —
1891 France	505	(a) M.	84-84-84	.92-1.30- —
1894 Germany	130	(a) M.	60-60-60	.71-1.42- —
1895 Ohio	376	12 M.	60-60-60	2.00-2.00-2.00

DIPPERS, TOBACCO.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Ohio	7	1 M.	(a)	1.50-1.50-1.50
1886 Ky	8	2 M.	60-60-60	1.00-1.00-1.00
1891 N. Y.	333	100 M.	(a)	1.08-1.08-1.08
1895 Ohio	376	67 M.	60-60-60	1.19-1.19-1.19
1896 Ky	8	2 M.	60-60-60	1.00-1.00-1.00
1896 Ohio	7	2 M.	54-54-54	1.50-1.50-1.50
1896 Ohio	377	50 M.	60-60-60	1.31-1.31-1.31

DISCHARGERS, CHEMICALS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1889 England	576	(a) M.	(a)	.69- .91- —
1890 England	576	(a) M.	(a)	.97- .97- .97

DISCHARGERS, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1850 England	45	(a) M.	(a)	.66- .66- .66
1860 England	45	(a) M.	(a)	.70- .70- .70
1870 England	45	(a) M.	(a)	.64- .64- .64
1877 England	45	(a) M.	(a)	.76- .76- .76
1883 England	45	(a) M.	(a)	.82- .82- .82
1884 England	178	(a) M.	(a)	.82- .82- .82
1889 England	5	(a) M.	60-60-60	.81- .81- .81

DISHWASHERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1872 Mass	268	88 F.	(a)	b.42- .43- .43
1884 Mich	278	2 M.	(a)	.35- .35- .35
1884 Italy	178	(a) (a)	(a)	b.10- .20- —
1884 Netherl'ds	178	(a) M.	(a)	c.46- .46- .46
1884 Netherl'ds	178	(a) F.	(a)	c.39- .39- .39
1884 Netherl'ds	178	(a) (a)	(a)	b.55- .55- .55
1884 Russia	178	(a) F.	(a)	c.08- .13- —
1885 Ill	3	1 F.	(a)	b.57- .57- .57
1886 Ill	3	1 F.	(a)	b.64- .64- .64
1886 Ill	7	4 F.	54-54-54	.83-1.00- .92
1886 Pa	3	1 F.	60-60-60	.67- .67- .67
1887 Ill	3	1 F.	60-60-60	.50- .50- .50
1887 Pa	4	2 F.	(a)	.39- .39- .39
1888 N. Y.	331	7 M.	d59-84-64	.33-1.33- .45
1890 N. Y.	333	1 M.	(a)	.88- .88- .88
1891 Mich	283	58 F.	(a)	.18- .71- .36
1891 N. Y.	333	1 M.	(a)	.83- .83- .83
1892 Ill	210	30 F.	63-63-63	c.40- .53- .44
1892 Me	258	13 F.	e70-70-70	b.29- .50- .38
1893 Ill	10	4 M.	56-70-60	.86-1.00- .96
1893 Ill	10	5 F.	48-78-61	.86-1.14- .95
1893 Ill	10	2 F.	84-91-88	b.57- .71- .64
1893 Mont	307	1 M.	84-84-84	1.29-1.29-1.29
1893 Mont	307	5 M.	d84-98-93	b.86-1.50-1.13
1893 N. Y.	10	2 M.	70-84-77	.71- .86- .79
1893 N. Y.	10	1 M.	80-80-80	b.49- .49- .49
1893 N. Y.	10	5 F.	60-94-75	.29-1.14- .71
1893 N. Y.	10	3 F.	84-105-91	b.57- .71- .62
1895 Ohio	376	3 F.	60-60-60	.66- .66- .66
1895 R. I	7	3 F.	60-60-60	.57- .57- .57
1896 Ill	7	6 F.	54-54-54	.83- .83- .83
1896 Ill	12	1 M.	77-77-77	1.21-1.21-1.21
1896 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50

DISPATCHERS, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875 Pa	380	49 M.	(a)	1.77-4.81-2.82
1876 Pa	381	152 M.	f56-70-60	1.23-6.41-2.26
1877 Pa	382	67 M.	g56-84-70	1.07-4.11-2.61
1878 Pa	383	24 M.	h56-91-68	.39-4.93-2.79
1879 Mo	293	1 M.	70-70-70	2.00-2.00-2.00
1879 Pa	384	41 M.	(a)	1.06-4.93-2.67
1880 Ill	205	35 M.	i70-84-72	1.48-2.84-2.09
1884 Iowa	231	96 M.	(a)	1.21-4.70-3.10
1884 Pa	388	530 M.	(a)	3.01-3.01-3.01
1884 Aust-Hun.	178	(a) M.	(a)	j.66- .93- —

a Not reported.
b And board.
c And board and lodging.
d Not including hours of 2 persons not reported.
e Not including hours of 5 persons not reported.
f Not including hours of 128 persons not reported.
g Not including hours of 42 persons not reported.
h Not including hours of 10 persons not reported.
i Not including hours of 17 persons not reported.
j And rent.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DISPATCHERS, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 Brazil	178	(a) M.	66-66-66	1.54-1.84- —
1884 Canada	178	(a) M.	(a)	1.64-3.45- —
1884 Germany	178	(a) M.	(a)	b.99-1.64- —
1884 Italy	178	(a) M.	(a)	.57-1.11- —
1885 Iowa	231	119 M.	(a)	2.47-4.11-3.15
1885 Kans	239	31 M.	(a)	3.12-3.90-3.38
1885 Mich	279	65 M.	(a)	.55-5.75-3.11
1885 Canada	467	(a) M.	56-56-56	2.48-2.48-2.48
1886 Iowa	232	138 M.	c70-70-70	1.15-3.49-2.98
886 Kans	240	54 M.	(a)	2.37-3.82-3.13
1887 Conn	4	6 M.	(a)	2.14-4.11-3.32
1887 Del	4	3 M.	(a)	2.47-2.79-2.58
1887 Fla	4	4 M.	(a)	1.97-3.29-2.88
1887 Md	4	119 M.	(a)	.66-4.11-2.34
1887 Mass	4	41 M.	(a)	1.50-5.80-2.79
1887 Mich	4	22 M.	(a)	2.47-3.95-3.20
1887 Mo	4	51 M.	(a)	1.32-4.44-3.23
1887 Nebr	312	66 (a)	56-70-63	2.00-4.20-2.95
1887 N. J	4	27 M.	(a)	1.48-4.11-2.61
1887 N. Y	4	74 M.	(a)	1.48-4.93-2.45
1887 N. C	342	12 M.	(a)	1.97-3.29-3.14
1887 Oregon	4	9 M.	(a)	3.62-5.75-4.33
1887 Pa	4	126 M.	(a)	.99-4.93-2.87
1887 R. I	4	1 M.	(a)	2.63-2.63-2.63
1887 Va	4	4 M.	(a)	2.79-4.11-3.25
1887 Wis	4	20 M.	(a)	2.63-4.11-3.33
1888 Colo	198	28 M.	(a)	3.74-4.31-3.87
1888 Iowa	233	295 M.	(a)	1.15-4.07-2.50
1888 Kans	242	80 M.	(a)	1.76-4.11-3.21
1888 Canada	470	(a) M.	64-64-64	2.43-2.43-2.43
1889 Iowa	233	166 M.	(a)	1.32-3.62-3.14
1889 Kans	243	157 M.	d56-84-65	1.50-4.50-2.79
1893 Mich	285	26 M.	56-98-65	1.32-4.11-2.85
1893 Mont	307	10 M.	e42-63-54	2.63-4.93-4.21
1894 Iowa	236	1 M.	84-84-84	1.93-1.93-1.93
1894 Mont	308	17 M.	(a)	3.45-4.93-3.64
1894 Mont	309	1 M.	(a)	5.00-5.00-5.00
1895 Mont	309	18 M.	(a)	3.83-5.00-4.02
1895 Canada	187	(a) M.	70-70-70	1.64-1.64-1.64
1896 Mont	310	17 M.	(a)	3.86-4.27-3.97
1896 N. Y	14	27 M.	84-84-84	2.46-2.97-2.91
1896 Canada	482	(a) (a)	(a)	2.79-4.11- —
1896 Colombia	184	(a) M.	(a)	5.62-5.62-5.62
1897 Kans	251	1 (a)	84-84-84	4.77-4.77-4.77
1897 Mont	311	18 (a)	(a)	3.82-4.27-3.93
1898 Nebr	314	8 (a)	70-70-70	2.35-2.35-2.35
1898 Wash	405	21 (a)	(a)	3.00-4.84-4.05

DISTILLERS.

1840	Scotland	563	(a)	(a)	60-60-60	.53- .53- .53	1884	Belgium	178	(a)	M.	j60-72 —	.29-2.00- —
1850	Scotland	563	(a)	(a)	60-60-60	.57- .57- .57	1884	Brazil	178	(a)	M.	k60-60-60	.42-3.58- —
(f)	England	561	(a)	(a)	(a)	.97- .97- .97	1884	Br. Guiana	178	(a)	(a)	(a)	l.32- .48- —
(g)	England	562	(a)	M.	(a)	.97- .97- .97	1884	Canada	178	(a)	(a)	j60-60-60	1.00-5.00- —
1860	Germany	185	(a)	M.	(a)	.53- .53- .53	1884	Canada	466	(a)	M.	60-60-60	1.95-1.95-1.95
1860	Scotland	563	(a)	(a)	60-60-60	.61- .61- .61	1884	C. of G'd H.	178	(a)	(a)	60-60-60	1.67-2.33- —
1861	England	564	(a)	(a)	72-72-72	.85- .93- —	1884	Ceylon	178	(a)	(a)	53-53-53	.63- .83- —
1861	Scotland	564	(a)	(a)	60-60-60	.59- .59- .59	1884	China	178	(a)	M.	60-60-60	.31- .31- .31
1864	Germany	185	(a)	M.	(a)	.53- .53- .53	1884	China	178	(a)	M.	60-60-60	m.27- .27- .27
1865	Germany	185	(a)	M.	(a)	.24- .24- .24	1884	Colombia	178	(a)	(a)	60-72 —	.32-3.00- —
1866	Germany	185	(a)	M.	(a)	.24- .24- .24	1884	Cuba	178	(a)	(a)	(a)	.93- .93- .93
1867	Germany	185	(a)	M.	(a)	.24- .24- .24	1884	Denmark	178	(a)	M.	60-60-60	.54- .72- —
1868	Germany	610	(a)	M.	72-72-72	.19- .24- —	1884	Ecuador	178	(a)	M.	60-60-60	2.00-2.00-2.00
1868	Germany	610	(a)	M.	72-72-72	h.35- .35- .35	1884	France	178	(a)	M.	60-66 —	.97-1.60- —
1869	Germany	609	(a)	M.	(a)	.37- .67- —	1884	Germany	178	(a)	M.	n60-72 —	.22-1.25- —
1870	Germany	610	(a)	M.	72-72-72	.37- .67- —	1884	Germany	178	(a)	M.	60-60-60	i.12- .43- —
1871	Germany	185	(a)	M.	(a)	.48- .60- —	1884	Ireland	178	(a)	M.	o56-60 —	.97-2.84- —
1871	Germany	185	(a)	M.	(a)	i.12- .42- —	1884	Italy	178	(a)	M.	j60-66 —	.38-1.16- —
1871	Netherl'ds	611	(a)	M.	66-66-66	.41- .81- —	1884	Mexico	178	(a)	(a)	p60-60-60	.30- .75- —
1872	Belgium	185	(a)	(a)	(a)	.56- .56- .56	1884	Morocco	178	(a)	(a)	60-72 —	.10- .50- —
1872	Netherl'ds	185	(a)	(a)	66-66-66	.40- .81- —	1884	Netherl'ds	178	(a)	M.	60-70 —	.58-1.53- —
1873	Germany	177	(a)	M.	(a)	.63- .63- .63	1884	Persia	134	(a)	(a)	(a)	.21- .21- .21
1874	Germany	177	(a)	M.	(a)	.63- .63- .63	1884	Peru	178	(a)	M.	(a)	q.58- .58- .58
1875	Germany	177	(a)	M.	(a)	.60- .60- .60	1884	Philip. Is	178	(a)	M.	(a)	.75-1.00- —
1876	Germany	177	(a)	M.	(a)	.61- .61- .61	1884	Russia	178	(a)	M.	60-91 —	.29-1.20- —
1877	Germany	177	(a)	M.	(a)	.60- .60- .60	1884	Russia	178	(a)	M.	72-72-72	i.37-2.76- —
1878	Germany	177	(a)	M.	(a)	.60- .60- .60	1884	Scotland	178	(a)	M.	r51-51-51	.85-1.19- —
1882	Nebr	2	6	M.	60-60-60	1.50-1.50-1.50	1884	Spain	178	(a)	M.	j60-78 —	.48-1.45- —
1882	Ohio	364	6	(a)	(a)	1.89-1.89-1.89	1884	Switzerl'd	178	(a)	M.	k66-66-66	.62- .71- —
1882	Germany	174	(a)	(a)	(a)	1.07-1.15- —	1884	Turk. in A	178	(a)	(a)	66-66-66	.24-1.92- —
1882	Germany	174	(a)	(a)	(a)	i.95- .95- .95	1884	Venezuela	178	(a)	(a)	(a)	2.00-2.50- —
1883	Scotland	572	(a)	M.	60-60-60	.86- .86- .86	1885	Ohio	1	1	M.	72-72-72	6.00-6.00-6.00
1884	Aust-Hun	178	(a)	M.	60-72 —	.27- .80- —	1885	Canada	467	(a)	M.	60-63 —	1.93-2.00- —

a Not reported.
b And rent, fuel, and uniform.
c Not including hours of 136 persons not reported.
d Not including hours of 25 persons not reported.
e Not including hours of 1 person not reported.
f Average for 1855–57.
g Average for 1856–58.
h And board.
i And board and lodging.
j Applies to but 6 of the 8 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l And lodging.
m And provisions.
n Applies to but 34 of the 40 wage quotations.
o Applies to but 3 of the 4 wage quotations.
p Applies to but 2 of the 6 wage quotations.
q And rations.
r Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DISTILLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Argentina	57	(a) M.	60-60-60	1.67-2.00- —	1892 France	505	(a) M.	57-77 —	0.53-1.54- —
1886 Netherl'ds	456	(a) (a)	60-66 —	.60-1.14- —	1892 France	505	(a) M.	63-63-63	d .68-1.06- —
1887 N. C.....	342	4 M.	60-60-60	.50-1.25- .81	1892 Italy	112	(a) M.	66-66-66	.50- .50- .50
1887 Ohio	369	25 M.	60-60-60	2.00-2.00-2.00	1892 Russia	692	(a) (a)	(a)	1.41-1.67- —
1887 Netherl'ds	598	(a) (a)	60-66 —	.61-1.15- —	1892 Spain	134	(a) (a)	(a)	.71- .71- .71
1888 N. Y.....	331	9 M.	57-68-62	2.00-3.00-2.70	1893 Ohio	374	1 M.	(a)	4.00-4.00-4.00
1889 Germany..	550	(a) M.	72-72-72	.89- .99- —	1894 Ind.....	228	1 M.	54-54-54	1.16-1.16-1.16
1889 Portugal..	691	(a) (a)	(a)	.22- .86- —	1894 Ohio	375	2 M.	60-60-60	1.75-2.00-1.88
1890 N. Y.....	333	6 M.	(a)	2.17-3.00-2.31	1894 W. Va	406	1 M.	60-60-60	2.00-2.00-2.00
1890 Netherl'ds	666	(a) M.	(a)	.50-1.11- —	1894 Australia..	134	(a) M.	48-48-48	1.63-1.63-1.63
1891 N. Y.....	333	18 M.	(a)	1.58-3.00-2.05	1894 France	129	(a) M.	(a)	.85-1.16- —
1891 Aust-Hun .	134	(a) (a)	(a)	.34- .34- .34	1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1891 China.....	105	(a) (a)	(a)	.54- .54- .54	1896 Mo	305	31 M.	48-66-60	1.00-2.43-1.75
1891 France	505	(a) M.	b 66-72 —	.97-1.54- —	1896 Ohio	377	1 M.	54-54-54	4.00-4.00-4.00
1892 Algeria....	505	(a) M.	(a)	1.28-1.28-1.28	1897 Va	404	3 M.	60-72-68	.85-1.04- .96
1892 Algeria....	505	(a) M.	72-72-72	c 1.26-1.26-1.26	1899 N. C.....	353	1 M.	(a)	1.25-1.25-1.25
1892 Australia..	424	(a) M.	(a)	2.43-2.43-2.43					

DIVIDERS, TYPE FOUNDRY.

1887 Ill.....	3	6 F.	53-53-53	.67-1.42-1.01	1891 Belgium ..	457	(a) M.	66-66-66	.29- .68- —
1887 N. Y.....	3	1 F.	45-45-45	1.67-1.67-1.67	1891 Belgium ..	457	(a) F.	66-66-66	.29- .58- —
1887 Ohio	3	1 F.	53-53-53	1.00-1.00-1.00					

DOCKERS, CORK CUTTING.

1882 Pa	7	20 F.	59-59-59	.58- .83- .68	1896 Pa	7	25 F.	55-55-55	.58- .83- .69

DOCK HANDS.

1815 England ..	572	(a) (a)	(a)	.81- .81- .81	1881 England ..	29	(a) (a)	(a)	.97- .97- .97
1820 England ..	572	(a) (a)	(a)	.73- .73- .73	1882 Ill	2	45 M.	60-60-60	1.25-1.25-1.25
1825 England ..	572	(a) (a)	(a)	.61- .61- .61	1884 Mich.....	278	1 M.	(a)	2.49-2.49-2.49
1830 England ..	572	(a) (a)	(a)	.61- .61- .61	1884 Belgium ..	178	(a) F.	(a)	.38- .48- —
1833 England ..	572	(a) (a)	(a)	.61- .61- .61	1884 England ..	178	(a) M.	53-53-53	1.22-1.41- —
1853 N. Y.....	8	1 M.	60-60-60	1.50-1.50-1.50	1885 Mich.....	279	102 M.	(a)	1.50-1.75-1.52
(e) England ..	562	(a) M.	(a)	.97- .97- .97	1885 Wis.....	2	280 M.	60-60-60	1.50-1.80-1.63
1859 England ..	563	(a) M.	56-56-56	.89- .89- .89	1886 Minn	2	25 M.	60-60-60	1.50-1.75-1.60
1860 England ..	564	(a) (a)	63-63-63	1.08-1.08-1.08	1886 Wis	2	50 M.	60-60-60	1.50-1.50-1.50
1861 England ..	564	(a) (a)	60-65 —	.97-1.10- —	1887 Conn.....	4	113 M.	(a)	1.10-1.53-1.34
1863 England ..	565	(a) (a)	63-63-63	1.10-1.10-1.10	1887 N. Y.....	4	11 M.	(a)	1.15-2.30-1.83
1870 Russia	610	(a) M.	(a)	.43- .59- —	1887 Pa	4	18 M.	(a)	1.00-1.25-1.15
1871 Cuba.....	611	(a) M.	54-54-54	1.95-1.95-1.95	1887 Wis	4	45 M.	(a)	1.50-2.10-1.55
1871 France....	611	(a) M.	60-60-60	.97- .97- .97	1887 Wis	409	51 M.	(a)	2.25-3.00-2.99
1871 Netherl'ds	611	(a) M.	60-60-60	.61-1.22- —	1887 Australia .	420	(a) (a)	(a)	f .24½-.24½-.24½
1872 Denmark .	185	(a) (a)	60-60-60	1.20-1.60- —	1887 England ..	622	(a) M.	(a)	.69- .69- .69
1872 Netherl'ds	185	(a) (a)	60-60-60	.60-1.21- —	1887 Netherl'ds	598	(a) (a)	60-60-60	.61- .71- —
1874 Scotland ..	177	(a) M.	60-60-60	.90- .90- .90	1888 Australia .	430	(a) (a)	(a)	f .24½-.36½- —
1875 Scotland ..	177	(a) M.	60-60-60	.90- .90- .90	1889 Ohio	5	4 M.	55-55-55	2.25-2.25-2.25
1876 Australia .	171	(a) M.	(a)	f .24- .36- —	1889 Pa	5	1 M.	60-60-60	1.80-1.80-1.80
1876 Scotland ..	177	(a) M.	60-60-60	.90- .90- .90	1889 Australia .	422	(a) (a)	48-48-48	1.95-2.92- —
1877 Scotland ..	177	(a) M.	60-60-60	.84- .84- .84	1889 England ..	5	(a) M.	60-60-60	.81- .81- .81
1878 England ..	177	(a) M.	56-56-56	.93- .93- .93	1889 England ..	576	(a) M.	57-61 —	.85-2.03- —
1878 Scotland ..	177	(a) M.	60-60-60	.80- .80- .80	1889 England ..	576	(a) M.	42-84 —	h .10- .12- —
1878 Wales.....	177	(a) M.	(a)	1.00-1.00-1.00	1889 Italy	95	(a) M.	(a)	1.15-1.15-1.15
1880 N. J	319	2 (a)	g 60-60-60	1.25-1.50-1.38	1889 Netherl'ds	516	(a) (a)	i 60-72 —	1.01-1.51- —
1881 Wis	2	300 M.	48-48-48	1.60-1.60-1.60	1889 Netherl'ds	516	(a) (a)	(a)	f .08- .10- —

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And lodging.
d And *gratifications*.
e Average for 1856-58.
f Per hour.
g Not including hours of 1 person not reported.
h Per hour, hours at each rate not reported.
i Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOCK HANDS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Scotland	576	(a) M.	56-56-56	1.01-1.01-1.01
1890 Minn	292	26 M.	(a)	1.75-1.75-1.75
1890 Australia	423	(a) (a)	48-48-48	1.95-2.92- —
1890 England	576	(a) M.	53-60 —	.97-2.43- —
1890 England	576	(a) M.	(a)	b .12- .16- —
1890 England	576	(a) (a)	(a)	.62-1.27- —
1890 France	632	(a) M.	60-60-60	.97- .97- .97
1890 Netherl'ds	616	(a) M.	(a)	.40-2.01- —
1890 Netherl'ds	616	(a) M.	(a)	b .16- .16- .16
1890 Scotland	576	(a) M.	56-56-56	1.14-1.14-1.14
1891 Australia	433	(a) M.	c48-48-48	1.83-2.76- —
1891 Belgium	632	(a) (a)	(a)	.55- .55- .55
1891 England	576	(a) M.	d54-60 —	.81-1.95- —
1891 England	632	(a) (a)	(a)	.79-1.22- —
1891 Germany	103	(a) M.	(a)	.73- .73- .73
1891 Gr't Brit	576	(a) M.	(a)	1.01-1.46- —
1891 Netherl'ds	632	(a) (a)	(a)	1.28-1.28-1.28
1892 England	111	(a) M.	53-53-53	1.33-1.46- —
1892 England	632	(a) M.	e51-60 —	.61-1.95- —
1892 England	632	(a) M.	(a)	b. 12- .14- —
1892 France	632	(a) M.	54-54-54	1.04-1.04-1.04
1892 Germany	675	(a) (a)	60-60-60	.73-1.16- —
1892 Ireland	632	(a) M.	60-60-60	.65-1.70- —
1892 Scotland	632	(a) M.	54-72 —	.61-1.95- —
1893 Ill	10	1 M.	48-48-48	1.33-1.33-1.33
1893 Mich	285	8 M.	60-72-71	1.34-1.53-1.36
1893 N. Y	10	29 M.	48-70-58	1.17-2.00-1.39
1893 Ohio	374	2908 M.	66-66-66	2.04-2.20-2.18
1893 France	507	(a) (a)	66-66-66	.68-1.49- —
1893 Netherl'ds	632	(a) M.	(a)	.40-2.01- —
1893 Netherl'ds	632	(a) M.	(a)	b .16- .16- .16
1894 Australia	425	(a) (a)	(a)	1.70-1.82- —
1894 Australia	425	(a) (a)	(a)	b.24½-.36½- —
1894 England	590	(a) (a)	(a)	.67-2.19- —
1894 Ireland	590	(a) M.	(a)	1.22-1.70- —
1894 Scotland	590	(a) M.	(a)	b .07- .14- —
1894 Wales	590	(a) M.	(a)	1.01-1.42- —
1895 Australia	426	(a) (a)	(a)	1.70-1.82- —
1895 Australia	426	(a) (a)	(a)	b.24½-.36½- —
1895 Canada	187	(a) M.	(a)	b .20- .20- .20
1895 Sweden	677	(a) (a)	(a)	b .08- .08- .08
1896 Fla	15	1 M.	(a)	.83- .83- .83
1896 Minn	8	14 M.	60-60-60	2.50-2.50-2.50
1896 Ohio	377	88 M.	54-60-60	1.13-1.35-1.34
1896 Australia	427	(a) (a)	(a)	1.70-1.82- —
1896 Australia	427	(a) (a)	(a)	b.20½-.24½- —
1896 Barbados	184	(a) (a)	(a)	.48- .48- .48
1896 England	592	(a) M.	(a)	1.09-1.22- —
1896 England	679	(a) F.	54-54-54	.61- .61- .61
1896 Guadel'pe	184	(a) M.	(a)	b .10- .10- .10
1896 Scotland	592	(a) M.	(a)	.91-1.22- —
1897 Australia	418	(a) (a)	(a)	1.22-1.22-1.22
1897 Australia	418	(a) (a)	(a)	b.24½-.24½-.24½
1897 Australia	428	(a) (a)	(a)	1.70-1.82- —
1897 Australia	428	(a) (a)	(a)	b.20½-.24½- —
1897 Aust-Hun	437	(a) (a)	(a)	.41- .53- —
1897 England	593	(a) (a)	(a)	.73- .97- —
1897 England	679	(a) (a)	66-66-66	1.22-1.34- —
1897 France	511	(a) M.	f57-60 —	.48-1.35- —
1897 France	511	(a) M.	(a)	b.12½- .21- —
1897 Scotland	587	(a) M.	(a)	1.01-1.09- —
1898 Australia	419	(a) (a)	(a)	1.46-1.46-1.46
1898 Australia	419	(a) (a)	(a)	b.24½-.24½-.24½
1898 Australia	429	(a) (a)	(a)	1.70-1.82- —
1898 Australia	429	(a) (a)	(a)	b .23- .24½- —
1898 Belgium	454	(a) (a)	(a)	.58- .68- —
1898 Ireland	594	(a) (a)	(a)	1.01-1.22- —
1899 Belgium	455	(a) (a)	(a)	.58-1.74- —
1899 Belgium	455	(a) (a)	(a)	b .07- .07½- —
1899 Denmark	681	(a) M.	(a)	.68-1.02- —
1899 England	588	(a) (a)	(a)	1.40-1.46- —
1899 N. Zealand	681	(a) (a)	48-48-48	2.43-2.92- —

DOCK MASTERS.

1887	Conn	4	4	M.	(a)	1.92-3.83-3.09	1887	N. J	4	2	M.	(a)	1.92-2.30-2.11
1887	Mass	4	1	M.	(a)	3.57-3.57-3.57							

DOFFERS.

1839	England	562	(a)	M.	69-69-69	.20- .20- .20	1855	Mass	190	8	F.	72-72-72	.17- .17- .17
1839	England	562	(a)	F.	69-69-69	.16- .16- .16	1855	N. Y	190	2	F.	72-72-72	.47- .47- .47
1849	Mass	190	4	(a)	75-75-75	.40- .40- .40	1856	Mass	190	73	M.	66-72-72	.21- .50- .33
1849	England	562	(a)	M.	60-60-60	.22- .22- .22	1856	Mass	190	10	F.	72-72-72	.17- .17- .17
1849	England	562	(a)	F.	60-60-60	.18- .18- .18	1856	N. Y	190	3	F.	72-72-72	.54- .54- .54
1850	Mass	190	6	(a)	75-75-75	.40- .40- .40	1857	Mass	190	66	M.	66-72-71	.20- .50- .33
1850	Belgium	456	(a)	(a)	(a)	.97- .97- .97	1857	Mass	190	11	F.	72-72-72	.17- .33- .20
1851	Mass	190	28	M.	72-75-73	.20- .45- .31	1857	N. Y	190	3	F.	72-72-72	.63- .63- .63
1851	Mass	190	16	F.	72-72-72	.18- .18- .18	1858	Mass	190	72	M.	66-72-71	.21- .50- .30
1852	Mass	190	26	M.	72-75-72	.25- .45- .31	1858	Mass	190	3	F.	72-72-72	.33- .33- .33
1852	Mass	190	18	F.	72-72-72	.17- .17- .17	1858	N. Y	190	3	F.	72-72-72	.39- .39- .39
1853	Mass	190	35	M.	72-75-72	.20- .45- .28	1859	Mass	190	66	M.	66-72-71	.25- .50- .31
1853	Mass	190	13	F.	72-72-72	.17- .22- .19	1859	Mass	190	3	F.	72-72-72	.25- .33- .30
1853	N. Y	190	2	F.	72-72-72	.36- .36- .36	1859	N. Y	190	3	F.	72-72-72	.50- .50- .50
1854	Mass	190	36	M.	66-72-71	.20- .45- .28	1859	England	562	(a)	M.	60-60-60	.24- .24- .24
1854	Mass	190	13	F.	72-72-72	.17- .22- .19	1859	England	562	(a)	F.	60-60-60	.20- .20- .20
1854	N. Y	190	2	F.	72-72-72	.50- .50- .50	1860	Mass	190	73	M.	66-72-72	.25- .46- .32
1855	Mass	190	42	M.	66-72-71	.21- .50- .31	1860	Mass	190	5	F.	72-72-72	.30- .33- .32

a Not reported.
b Per hour.
c Applies to but 1 of the 2 wage quotations.
d Applies to but 5 of the 6 wage quotations.
e Applies to but 12 of the 20 wage quotations.
f Applies to but 8 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOFFERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 N. Y.	190	3 F.	72-72-72	0.46-0.46-0.46
1860 R. I	7	1 F.	60-60-60	.83- .83- .83
1860 Belgium	456	(a) (a)	(a)	.19- .19- .19
1860 Russia	609	(a) (a)	(a)	.10- .10- .10
1861 Mass	190	65 M.	66-66-66	.20- .45- .31
1861 Mass	190	5 F.	66-66-66	.30- .38- .34
1861 N. Y.	190	3 F.	72-72-72	.46- .46- .46
1861 England	564	(a) F.	56-56-56	.22- .22- .22
1862 Mass	190	51 M.	66-66-66	.20- .50- .32
1862 Mass	190	2 F.	66-66-66	.33- .33- .33
1862 N. Y.	190	3 F.	72-72-72	.54- .54- .54
1863 Mass	190	40 M.	66-66-66	.20- .60- .38
1863 Mass	190	7 F.	66-66-66	.25- .33- .28
1864 Mass	190	45 M.	66-66-66	.22- .71- .44
1864 Mass	190	4 F.	66-66-66	.25- .25- .25
1865 Mass	190	47 M.	66-66-66	.40- .88- .55
1865 Mass	190	11 F.	66-66-66	.40- .60- .49
1865 N. Y.	190	3 F.	72-72-72	.67- .67- .67
1866 Mass	190	45 M.	66-66-66	.40- .88- .58
1866 Mass	190	14 F.	66-66-66	.50- .50- .50
1866 Mo.	3	1 F.	61-61-61	.42- .42- .42
1866 N. Y.	190	3 F.	72-72-72	.67- .67- .67
1866 England	566	(a) F.	30-30-30	.12- .12- .12
1866 Scotland	566	(a) F.	60-60-60	.42- .42- .42
1867 Ga	7	8 M.	66-66-66	.30- .30- .30
1867 Mass	190	46 M.	66-66-66	.50- .88- .69
1867 Mass	190	14 F.	66-66-66	.40- .67- .53
1867 N. Y.	190	3 F.	72-72-72	.77- .77- .77
1868 Mass	190	42 M.	66-66-66	.58- .83- .72
1868 Mass	190	11 F.	66-66-66	.50- .63- .61
1868 N. Y.	190	3 F.	66-66-66	.77- .77- .77
(b) England	567	(a) M.	60-60-60	.25- .25- .25
1869 Mass	190	42 M.	66-66-66	.58- .83- .70
1869 Mass	190	12 F.	66-66-66	.54- .68- .59
1869 N. Y.	190	3 F.	66-66-66	.77- .77- .77
1869 Russia	185	(a) (a)	(a)	.10- .10- .10
1870 Mass	7	1 M.	66-66-66	.67- .67- .67
1870 Mass	7	3 F.	66-66-66	.33- .50- .42
1870 Mass	190	44 M.	66-66-66	.50- .75- .65
1870 Mass	190	7 F.	66-66-66	.50- .60- .54
1870 N. Y.	190	3 F.	66-66-66	.77- .77- .77
1870 Belgium	456	(a) (a)	(a)	.19- .19- .19
1870 France	33	(a) M.	72-72-72	.39- .71- —
1871 Mass	190	53 M.	66-66-66	.50- .83- .64
1871 Mass	190	6 F.	66-66-66	.50- .63- .56
1871 N. Y.	190	3 F.	66-66-66	.84- .84- .84
1871 England	185	(a) M.	60-60-60	.26- .36- —
1871 England	185	(a) F.	60-60-60	.48- .61- —
1871 England	185	(a) (a)	60-60-60	.20- .32- —
1871 England	629	(a) (a)	60-60-60	.20- .36- —
1871 France	611	(a) (a)	60-60-60	.12- .43- —
1872 Mass	190	60 M.	66-66-66	.50-1.00- .76
1872 Mass	190	10 F.	66-66-66	.50- .83- .61
1872 N. Y.	190	3 F.	66-66-66	.84- .84- .84
1872 S. C	7	18 M.	72-72-72	.30- .40- .35
1872 England	185	(a) F.	c54-54-54	.36- .46- —
1872 Russia	621	(a) M.	69-69-69	.16- .16- .16
1873 Mass	190	62 M.	66-66-66	.40-1.00- .76
1873 Mass	190	10 F.	66-66-66	.50- .83- .61
1873 N. Y.	190	3 F.	66-66-66	.84- .84- .84
1874 Mass	190	44 M.	60-66-64	.40- .85- .68
1874 Mass	190	3 F.	66-66-66	.50- .83- .72
1874 N. Y.	3	1 F.	(a)	.58- .58- .58
1874 N. Y.	190	3 F.	66-66-66	.88- .88- .88
1874 England	569	(a) F.	59-59-59	.15- .16- —
1874 Scotland	3	(a) F.	(a)	.24- .24- .24
1875 Mass	190	50 M.	60-60-60	.30- .97- .55
1875 Mass	190	2 F.	60-60-60	.54- .54- .54
1875 N. Y.	3	2 F.	(a)	.42- .50- .46
1875 N. Y.	190	3 F.	66-66-66	0 84-0.84-0.84
1876 Mass	190	43 M.	60-60-60	.40- .85- .54
1876 Mass	190	2 F.	60-60-60	.53- .53- .53
1876 N. Y.	3	1 F.	(a)	.42- .42- .42
1876 N. Y.	190	3 F.	66-66-66	.69- .69- .69
1876 Pa	382	23 M.	(a)	.40- .83- .42
1876 Pa	382	2 F.	(a)	.50- .50- .50
1876 S. C	7	19 M.	66-66-66	.35- .35- .35
1877 Ga	8	8 M.	66-66-66	.40- .40- .40
1877 Me.	7	3 M.	66-66-66	.45- .73- .54
1877 Me.	7	9 F.	66-66-66	.35- .90- .53
1877 Mass	190	41 M.	60-60-60	.30- .80- .52
1877 Mass	190	2 F.	60-60-60	.41- .41- .41
1877 N. Y.	190	3 F.	66-66-66	.67- .67- .67
1877 England	25	(a) (a)	53-53-53	.25- .52- —
1877 England	570	(a) M.	57-57-57	.24- .39- —
1877 England	570	(a) F.	57-57-57	.24- .36- —
1877 Ireland	570	(a) F.	56-56-56	.22- .22- .22
1878 Mass	190	40 M.	60-60-60	.30- .75- .51
1878 Mass	190	4 F.	60-60-60	.39- .52- .49
1878 N. Y.	190	3 F.	66-66-66	.67- .67- .67
1878 N. C	7	6 M.	72-72-72	.30- .40- .37
1878 N. C	7	2 F.	72-72-72	.30- .30- .30
1878 England	25	(a) (a)	(a)	.55- .55- .55
1879 Mass	190	45 M.	60-60-60	.30- .80- .50
1879 Mass	190	6 F.	60-60-60	.35- .41- .38
1879 Mo.	3	1 F.	(a)	.25- .25- .25
1879 N. Y.	190	3 F.	66-66-66	.69- .69- .69
1880 Ga	7	21 M.	d66-69-68	.32- .45- .40
1880 Mass	190	48 M.	60-60-60	.30- .80- .52
1880 Mass	190	13 F.	60-60-60	.30- .45- .41
1880 N. Y.	190	3 F.	66-66-66	.75- .75- .75
1880 Pa	7	26 M.	60-60-60	.21- .67- .31
1880 Va	7	10 M.	68-68-68	.33- .33- .33
1880 Belgium	456	(a) (a)	(a)	.19- .19- .19
1880 England	571	(a) M.	e57-57-57	.30- .36- —
1880 England	571	(a) F.	28-56 —	.10- .24- —
1880 Scotland	571	(a) F.	56-56-56	.26- .26- .26
1881 Ga	7	16 M.	66-66-66	.35- .50- .43
1881 Mass	190	44 M.	60-60-60	.30- .75- .53
1881 Mass	190	16 F.	60-60-60	.30- .45- .40
1881 N. H	7	173 F.	65-65-65	.45- .88- .61
1881 N. Y.	190	3 F.	66-66-66	.73- .73- .73
1881 N. C	7	4 M.	(a)	.40- .40- .40
1881 R. I	3	1 F.	(a)	.58- .58- .58
1881 R. I	7	6 M.	66-66-66	.64- .90- .78
1881 R. I	7	2 F.	66-66-66	.80- .80- .80
1881 Tenn.	7	1 M.	66-66-66	.30- .30- .30
1882 Ga	7	33 M.	70-72-72	.30- .50- .42
1882 Ky	7	3 M.	66-66-66	.60- .60- .60
1882 Mass	190	48 M.	60-66-61	.30- .78- .54
1882 Mass	190	15 F.	60-60-60	.30- .45- .40
1882 Mo.	3	1 F.	(a)	.29- .29- .29
1882 N. H	7	74 M.	66-66-66	.45-1.60- .63
1882 N. H	7	69 F.	66-66-66	.45- .90- .64
1882 N. Y.	190	3 F.	66-66-66	.75- .75- .75
1882 N. C	7	24 M.	f65-72-68	.30- .40- .36
1882 N. C	7	1 F.	(a)	.25- .25- .25
1882 S. C	7	12 M.	69-76-70	.30- .40- .38
1882 S. C	7	2 F.	76-76-76	.30- .30- .30
1882 Belgium	33	(a) (a)	75-75-75	.53- .53- .53
1882 France	34	(a) (a)	72-72-72	.66- .67- —
1882 Germany	33	(a) (a)	66-69 —	.28- .32- —
1882 Italy	33	(a) (a)	66-66-66	.24- .24- .24
1882 Switzerl'd.	33	(a) (a)	66-66-66	.37- .37- .37
1883 Ala.	7	11 M.	(a)	.40- .67- .50
1883 Conn	202	2 F.	(a)	.75- .75- .75
1883 Ga	7	59 M.	g66-66-66	.25- .50- .43
1883 Ky	7	5 F.	(a)	.33- .33- .33

a Not reported.
b Average for 1867–68.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 10 persons not reported.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 15 persons not reported.
g Not including hours of 53 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOFFERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Mass	190	50 M.	60-66-61	0.30-0.78-0.57
1883 Mass	190	17 F.	60-60-60	.35- .41- .38
1883 Mass	273	372 (a)	(a)	.40-1.00- .64
1883 Miss	7	8 M.	(a)	.42- .42- .42
1883 N. J	7	4 M.	65-65-65	.50- .50- .50
1883 N. J	322	1 M.	60-60-60	2.50-2.50-2.50
1883 N. J	322	161 F.	60-60-60	.33- .42- .42
1883 N. Y	3	1 F.	(a)	.50- .50- .50
1883 N. Y	190	3 F.	66-66-66	.71- .71- .71
1883 N. C	7	9 M.	(a)	.35- .40- .37
1883 S. C	7	29 M.	70-72-71	.30- .35- .34
1883 Tenn	7	43 M.	66-66-66	.30- .55- .42
1883 Tenn	7	7 F.	66-66-66	.40- .50- .46
1883 England	43	(a) (a)	b57-57-57	.29- .34- —
1883 England	572	(a) M.	28-57 —	.10- .41- —
1883 England	572	(a) F.	28-57 —	.10- .32- —
1883 Gr't Brit	273	(a) (a)	(a)	.20- .35- —
1883 Ireland	43	(a) (a)	(a)	.18- .24- —
1883 Ireland	572	(a) F.	56-56-56	.22- .22- .22
1883 Scotland	572	(a) F.	56-56-56	.28- .28- .28
1884 Ga	7	48 M.	66-70-68	.25- .40- .35
1884 La	7	30 M.	63-66-64	.33- .50- .47
1884 Mass	7	3 F.	60-60-60	.70- .90- .78
1884 Mass	190	60 M.	60-60-60	.30- .80- .55
1884 Mass	190	15 F.	60-60-60	.35- .50- .41
1884 Mo	3	1 F.	(a)	.30- .30- .30
1884 N. J	7	4 M.	60-60-60	.50- .50- .50
1884 N. J	323	1 M.	60-60-60	1.67-1.67-1.67
1884 N. Y	190	3 F.	66-66-66	.67- .67- .67
1884 N. C	7	15 M.	69-72-71	.30- .33- .33
1884 Pa	3	1 F.	(a)	.25- .25- .25
1884 R. I	3	1 F.	(a)	.50- .50- .50
1884 S. C	7	54 M.	c69-69-69	.30- .45- .36
1884 Tenn	7	19 F.	66-66-66	.35- .70- .38
1884 Va	7	14 F.	69-69-69	.29- .29- .29
1884 Canada	466	(a) M.	60-60-60	.33- .33- .33
1884 Canada	466	(a) F.	60-60-60	.40- .40- .40
1884 England	178	(a) F.	56-56-56	.17- .24- —
1884 Germany	178	(a) M.	66-66-66	.23- .35- —
1885 Ala	7	26 M.	d63-63-63	.30- .46- .40
1885 Conn	1	11 M.	66-66-66	.54- .60- .57
1885 Conn	1	4 F.	66-66-66	.60- .60- .60
1885 Conn	7	2 M.	60-60-60	.50- .75- .63
1885 Del	1	4 M.	60-60-60	.70-1.00- .85
1885 Ga	1	19 M.	69-69-69	.30- .42- .35
1885 Me	1	66 M.	66-66-66	.39- .80- .46
1885 Me	1	73 F.	66-66-66	.36- .55- .46
1885 Md	1	22 M.	66-66-66	.30- .50- .40
1885 Md	1	33 F.	66-66-66	.30- .40- .37
1885 Mass	1	84 M.	60-60-60	.45- .89- .58
1885 Mass	1	158 F.	60-60-60	.38- .73- .58
1885 Mass	7	15 M.	60-60-60	.25- .75- .50
1885 Mass	190	57 M.	60-60-60	.40- .80- .59
1885 Mass	190	11 F.	60-60-60	.35- .50- .44
1885 Mo	3	2 F.	(a)	.30- .33- .32
1885 N. H	1	14 M.	65-65-65	.50- .80- .73
1885 N. H	1	29 F.	65-65-65	.50- .75- .57
1885 N. H	7	3 M.	60-60-60	.50- .50- .50
1885 N. H	7	9 F.	60-60-60	.50-1.06- .74
1885 N. J	1	20 F.	60-60-60	.45- .45- .45
1885 N. J	324	1 M.	60-60-60	1.67-1.67-1.67
1885 N. Y	1	56 M.	60-69-65	.33- .75- .42
1885 N. Y	1	221 F.	60-66-65	.33- .55- .51
1885 N. Y	7	1 M.	60-60-60	.43- .43- .43
1885 N. Y	7	37 F.	60-60-60	.45- .77- .51
1885 N. Y	190	2 F.	66-66-66	.61- .61- .61
1885 N. C	1	47 M.	69-69-69	.30- .42- .36
1885 N. C	1	13 F.	69-69-69	.30- .42- .33
1885 N. C	7	6 M.	(a)	0.40-0.40-0.40
1885 Pa	1	49 F.	60-60-60	.50- .50- .50
1885 Vt	1	10 M.	66-66-66	.42- .60- .46
1885 Vt	1	7 F.	66-66-66	.42- .42- .42
1885 Va	1	32 M.	66-66-66	.33- .50- .39
1885 Canada	467	(a) M.	60-60-60	.30- .30- .30
1885 Germany	1	(a) F.	72-72-72	.27- .27- .27
1885 Gr't Brit	1	(a) M.	60-60-60	.37- .65- —
1886 Md	3	4 F.	60-61-60	.29- .67- .45
1886 Mass	6	6 M.	60-60-60	.73- .81- .77
1886 Mass	190	53 M.	60-60-60	.45- .80- .61
1886 Mass	190	11 F.	60-60-60	.40- .50- .46
1886 Mo	3	3 F.	61-66-64	.27- .42- .32
1886 N. H	7	59 M.	60-60-60	.42- .85- .47
1886 N. H	7	20 F.	60-60-60	.42- .60- .43
1886 N. J	3	3 F.	e58-58-58	.50- .58- .53
1886 N. J	325	31 M.	60-60-60	.58- .67- .64
1886 N. J	325	43 F.	60-60-60	.38- .42- .38
1886 N. Y	2	12 (a)	60-60-60	.58- .58- .58
1886 N. Y	3	3 F.	59-60-59	.50- .58- .53
1886 N. Y	190	2 F.	66-66-66	.61- .61- .61
1886 Pa	3	5 F.	60-61-61	.42- .67- .54
1886 Pa	7	39 M.	f58-64-60	.33- .83- .64
1886 Pa	7	135 F.	g57-60-60	.30- .75- .51
1886 R. I	3	7 F.	e59-60-60	.40- .67- .51
1886 Belgium	456	(a) (a)	(a)	.19- .19- .19
1886 Canada	468	(a) M.	60-60-60	.41- .41- .41
1886 Canada	468	(a) F.	59-59-59	.39- .39- .39
1886 England	66	(a) (a)	(a)	.37- .61- —
1886 England	67	(a) (a)	56-56-56	.39- .39- .39
1886 England	600	(a) M.	57-57-57	.22- .42- —
1886 England	600	(a) F.	57-57-57	.20- .33- —
1886 England	601	(a) M.	57-57-57	.25- .25- .25
1886 Gr't Brit	601	(a) M.	57-57-57	.31- .31- .31
1886 Gr't Brit	601	(a) F.	57-57-57	.26- .26- .26
1886 Ireland	600	(a) M.	57-57-57	.21- .26- —
1886 Ireland	600	(a) F.	57-57-57	.19- .24- —
1886 Scotland	600	(a) M.	57-57-57	.20- .20- .20
1886 Scotland	600	(a) F.	57-57-57	.18- .23- —
1887 Cal	3	1 F.	63-63-63	.40- .40- .40
1887 Conn	202	54 M.	(a)	.80- .87- .84
1887 Conn	202	18 F.	(a)	.74- .74- .74
1887 Ga	3	1 F.	66-66-66	.75- .75- .75
1887 La	3	2 F.	60-60-60	.17- .25- .21
1887 Mass	3	2 F.	60-60-60	.53-1.08- .81
1887 Mass	6	12 M.	(a)	.44- .72- .60
1887 Mass	190	59 M.	60-60-60	.45- .95- .66
1887 Mass	190	7 F.	60-60-60	.40- .90- .56
1887 N. Y	3	6 F.	57-60-59	.42- .52- .48
1887 N. Y	7	1 F.	60-60-60	.83- .83- .83
1887 N. Y	190	2 F.	60-60-60	.75- .75- .75
1887 Ohio	3	3 F.	60-60-60	.32- .33- .32
1887 Pa	3	4 F.	60-60-60	.50- .67- .58
1887 R. I	396	3 M.	60-60-60	1.15-1.35-1.28
1887 Wis	409	30 (a)	(a)	.56- .67- .59
1888 Cal	194	1 F.	63-63-63	.40- .40- .40
1888 Del	6	6 M.	(a)	.67-1.00- .83
1888 Ga	6	155 M.	e66-66-66	.25- .60- .40
1888 Ind	3	2 F.	60-60-60	.33- .33- .33
1888 Me	254	1 F.	60-60-60	.42- .42- .42
1888 Mass	6	77 M.	h60-60-60	.32-1.25- .71
1888 Mass	6	5 F.	60-60-60	.50- .50- .50
1888 Mass	190	58 M.	60-60-60	.45-1.00- .68
1888 Mass	190	10 F.	60-60-60	.50-1.00- .68
1888 N. H	6	3 M.	60-60-60	.50- .70- .57
1888 N. H	6	3 F.	60-60-60	.60- .75- .70
1888 N. J	326	2 F.	60-60-60	.41- .41- .41
1888 N. Y	6	119 M.	e60-60-60	.38-1.25- .58

a Not reported.
b Applies to but 2 of the 9 wage quotations.
c Not including hours of 30 persons not reported.
d Not including hours of 15 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 5 persons not reported.
g Not including hours of 7 persons not reported.
h Not including hours of 45 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOFFERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y	6	62 F.	a60-60-60	0.25-0.75-0.46
1888 N. Y	190	2 F.	60-60-60	.75- .75- .75
1888 N. Y	331	99 M.	b 60-60-60	.33-1.00- .49
1888 N. Y	331	23 F.	(c)	.50- .50- .50
1888 N. C	6	33 M.	(c)	.20- .50- .30
1888 N. C	6	1 F.	(c)	.20- .20- .20
1888 R. I	6	39 M.	d60-60-60	.50-1.58- .63
1888 R. I	6	69 F.	e 60-60-60	.35- .46- .38
1888 S. C	6	75 M.	f 66-71-68	.20- .50- .33
1888 S. C	6	8 (c)	66-66-66	.28- .42- .32
1888 Va	6	43 M.	d60-60-60	.35- .75- .48
1888 Canada	470	(c) M.	54-60 —	.39- .67- —
1888 Canada	470	(c) F.	58-60 —	.35- .36- —
1888 England	6	(c) M.	(c)	.21- .59- —
1888 France	6	(c) M.	g72-72-72	.20- .58- —
1888 Switzerl'd.	6	(c) (c)	(c)	.23- .27- —
1889 Conn	6	24 M.	h60-60-60	.58- .80- .63
1889 Ga	6	65 M.	66-66-66	.25- .75- .43
1889 Ga	6	19 F.	66-66-66	.35- .50- .37
1889 Me	6	82 M.	i 60-60-60	.25- .80- .55
1889 Me	6	67 F.	j 60-60-60	.42-1.00- .69
1889 Me	6	6 (c)	60-60-60	.42- .75- .53
1889 Md	6	99 M.	(c)	.20- .45- .30
1889 Md	6	36 F.	(c)	.19- .60- .26
1889 Mass	6	402 M.	k60-60-60	.30-1.08- .75
1889 Mass	6	495 F.	l 60-60-60	.20-1.05- .66
1889 Mass	190	53 M.	60-60-60	.45-1.00- .69
1889 Mass	190	12 F.	60-60-60	.50-1.00- .67
1889 Miss	6	21 M.	(c)	.15- .50- .32
1889 N. H	6	134 M.	n60-60-60	.30-1.05- .73
1889 N. H	6	229 F.	60-60-60	.25-1.05- .64
1889 N. H	6	33 (c)	60-60-60	.46-1.17- .66
1889 N. J	6	24 M.	60-60-60	.42- .50- .43
1889 N. J	6	6 F.	60-60-60	.50- .50- .50
1889 N. Y	6	97 M.	60-60-60	.50-1.00- .67
1889 N. Y	6	27 F.	o 60-60-60	.45- .80- .52
1889 N. Y	190	2 F.	60-60-60	.84- .84- .84
1889 N. C	6	8 M.	69-69-69	.40- .40- .40
1889 Pa	6	10 M.	(c)	.75- .84- .79
1889 Pa	6	6 F.	(c)	.75- .75- .75
1889 R. I	6	53 M.	(c)	.46- .83- .66
1889 R. I	6	7 F.	(c)	.46- .79- .60
1889 R. I	398	24 F.	60-60-60	.35- .80- .53
1889 S. C	6	30 M.	66-69-68	.25- .50- .37
1889 Tenn	6	97 M.	66-66-66	.25- .60- .31
1889 Tenn	6	108 F.	p66-66-66	.25- .60- .32
1889 Tenn	6	60 (c)	66-66-66	.30- .38- .36
1889 Va	6	83 M.	(c)	.15- .75- .33
1889 Va	6	9 F.	(c)	.25- .60- .48
1889 Canada	471	(c) M.	60-60-60	.60- .60- .60
1889 England	6	(c) M.	q 27-57 —	.23- .46- —
1889 England	6	(c) F.	r 57-57-57	.26- .34- —
1889 Germany	6	(c) F.	s 72-72-72	.19- .32- —
1890 Ala	6	133 M.	63-69-66	.30- .54- .36
1890 Conn	6	25 M.	(c)	.64- .74- .68
1890 Ky	6	14 (c)	66-66-66	.40- .75- .49
1890 La	6	208 M.	(c)	.25- .65- .39
1890 La	6	1 F.	(c)	.40- .40- .40
1890 Mass	190	61 M.	60-60-60	.50-1.02- .73
1890 Mass	190	18 F.	60-60-60	.50-1.00- .68
1890 Miss	6	40 M.	t 66-66-66	.33- .45- .39
1890 N. J	6	4 M.	60-60-60	.63- .63- .63
1890 N. J	6	4 F.	60-60-60	0.50-0.50-0.50
1890 N. Y	190	2 F.	60-60-60	.84- .84- .84
1890 N. Y	333	114 M.	(c,	.50-1.00- .57
1890 N. C	6	171 M.	u 66-69-68	.15- .80- .40
1890 N. C	6	1 F.	(c)	.40- .40- .40
1890 Tenn	6	22 M.	(c)	.30- .50- .36
1890 Tenn	6	49 F.	(c)	.30- .52- .37
1890 England	6	(c) M.	57-57-57	.20- .41- —
1890 England	6	(c) F.	57-57-57	.24- .53- —
1890 Ireland	99	(c) F.	57-57-57	.24- .41- —
1890 Scotland	6	(c) M.	56-56-56	.35- .35- .35
1890 Scotland	6	(c) F.	56-56-56	.45- .45- .45
1891 Mass	190	61 M.	60-60-60	.44-1.02- .70
1891 Mass	190	19 F.	60-60-60	.50-1.00- .69
1891 N. Y	190	2 F.	60-60-60	.90- .90- .90
1891 N. Y	333	177 M.	(c)	.50-1.00- .59
1891 N. Y	333	5 F.	(c)	.60- .90- .70
1891 Belgium	457	(c) F.	69-69-69	.13- .22- —
1892 Me	258	45 M.	60-60-60	.45-1.10- .63
1892 Me	258	102 F.	60-60-60	.50-1.17- .62
1892 Mass	20	77 M.	58-60-60	.50-1.30- .76
1892 Mass	20	4 F.	60-60-60	.25- .55- .34
1892 Mass	190	86 M.	58-58-58	.55-1.10- .74
1892 Mass	190	20 F.	58-58-58	.50-1.00- .60
1892 N. Y	190	2 F.	60-60-60	.87- .87- .87
1892 Russia	692	(c) (c)	(c)	.07- .34- —
1893 Mass	20	61 M.	58-58-58	.55-1.09- .76
1893 N. J	327	16 F.	60-60-60	.33-1.00- .67
1894 Mass	11	4 (c)	(c)	.92-1.17-1.08
1894 Mass	20	64 M.	58-58-58	.17-1.35- .71
1894 N. Y	8	5 M.	60-60-60	.60- .65- .63
1894 N. Y	8	8 F.	60-60-60	.39- .70- .56
1894 N. C	8	4 M.	69-69-69	.40- .40- .40
1894 N. C	8	17 F.	60-60-60	.30- .30- .30
1894 R. I	401	8 (c)	(c)	.71-2.23-1.29
1894 S. C	8	6 M.	66-66-66	.30- .30- .30
1895 Ala	7	65 M.	60-66-63	.30- .60- .41
1895 Ga	7	186 M.	66-66-66	.30- .50- .42
1895 Ga	8	124 M.	66-66-66	.25- .50- .42
1895 Ky	7	6 M.	60-60-60	.40- .60- .49
1895 La	7	83 M.	60-63-62	.25- .80- .43
1895 Me	7	10 M.	60-60-60	.35-1.00- .66
1895 Me	7	12 F.	60-60-60	.50-1.05- .93
1895 Mass	7	19 M.	58-58-58	.42-1.00- .71
1895 Mass	7	2 F.	58-58-58	1.00-1.00-1.00
1895 Mass	20	42 M.	58-58-58	.60-1.35- .73
1895 Miss	7	11 M.	60-60-60	.40- .40- .40
1895 N. H	7	67 M.	60-60-60	.40-1.16- .82
1895 N. H	7	336 F.	60-60-60	.40-1.45- .83
1895 N. J	7	11 M.	58-60-59	.46- .58- .51
1895 N. Y	7	3 M.	60-60-60	.45-1.50- .80
1895 N. Y	7	51 F.	60-60-60	.42- .82- .46
1895 N. C	7	139 M.	65-72-70	.25- .40- .33
1895 N. C	8	74 M.	66-72-68	.30- .40- .36
1895 N. C	8	24 F.	66-72-69	.25- .35- .30
1895 S. C	7	219 M.	66-66-66	.25- .50- .37
1895 S. C	7	3 F.	66-66-66	.25- .25- .25
1895 S. C	8	6 M.	66-66-66	.30- .30- .30
1895 Tenn	7	46 M.	66-66-66	.25- .55- .34
1895 Tenn	7	77 F.	66-66-66	.25- .55- .30
1895 Va	7	15 M.	60-60-60	.50- .50- .50
1895 Va	7	20 F.	60-60-60	.29- .33- .30

a Not including hours of 11 persons not reported.
b Not including hours of 98 persons not reported.
c Not reported.
d Not including hours of 33 persons not reported.
e Not including hours of 4 persons not reported.
f Not including hours of 45 persons not reported.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 15 persons not reported.
i Not including hours of 63 persons not reported.
j Not including hours of 16 persons not reported.
k Not including hours of 143 persons not reported.
l Not including hours of 18 persons not reported.
n Not including hours of 12 persons not reported.
o Not including hours of 26 persons not reported.
p Not including hours of 1 person not reported.
q Applies to but 22 of the 27 wage quotations.
r Applies to but 1 of the 4 wage quotations.
s Applies to but 16 of the 77 wage quotations.
t Not including hours of 20 persons not reported.
u Not including hours of 142 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOFFERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Ga	7	213	M.	63-66-65	0.20-0.75-0.43
1896 Ga	7	2	F.	63-63-63	.35- .35- .35
1896 Ga	8	32	M.	66-66-66	.25- .40- .36
1896 Ind	7	1	M.	60-60-60	1.35-1.35-1.35
1896 Ky	7	8	F.	63-63-63	.30- .30- .30
1896 N. H	7	56	M.	60-60-60	.45-1.25- .58
1896 N. H	7	33	F.	60-60-60	.40- .55- .47
1896 N. Y	7	1	F.	60-60-60	.88- .88- .88
1896 N. C	7	30	M.	68-69-69	.35- .90- .42
1896 N. C	7	6	F.	69-69-69	.40- .40- .40
1896 Pa	7	87	M.	57-60-59	.30- .79- .48
1896 Pa	7	258	F.	57-60-59	.26- .83- .46
1896 R. I	7	8	M.	60-60-60	0.70-1.05-0.93
1896 R. I	7	1	F.	60-60-60	.70- .70- .70
1896 S. C	7	76	M.	66-66-66	.21- .45- .44
1896 Tenn	7	1	M.	69-69-69	.30- .30- .30
1897 Ga	8	13	M.	66-66-66	.40- .40- .40
1898 Aust-Hun	438	(a)	F.	63-63-63	.30- .30- .30
1899 Ala	18	21	M.	70-70-70	.35- .35- .35
1899 Ga	18	94	M.	66-66-66	.30- .50- .39
1899 N. C	18	14	M.	69-69-69	.25- .40- .31
1900 Ala	18	21	M.	70-70-70	.35- .35- .35
1900 Ga	18	95	M.	66-66-66	.35- .50- .44
1900 N. C	18	15	M.	69-69-69	.25- .40- .31

DOFFERS, HEAD.

1880 Pa	7	3	M.	60-60-60	.71- .72- .72
1884 La	7	2	M.	66-66-66	1.25-1.50-1.38
1887 Wis	409	1	(a)	(a)	.96- .96- .96
1888 N. Y	6	2	M.	60-60-60	.88-1.00- .94
1889 Me	6	1	M.	(a)	1.42-1.42-1.42
1889 Me	6	1	F.	(a)	1.00-1.00-1.00
1889 Md	6	4	M.	(a)	.60- .75- .68
1889 Mass	6	1	F.	60-60-60	.95- .95- .95
1889 R. I	6	1	M.	(a)	1.54-1.54-1.54
1890 La	6	6	M.	(a)	.75- .85- .80
1890 Tenn	6	1	F.	(a)	.78- .78- .78
1895 La	7	2	M.	60-60-60	1.25-1.50-1.38
1895 N. C	7	2	M.	70-70-70	.65- .65- .65
1896 Ga	7	3	M.	63-66-64	.75-1.00- .83
1896 N. C	7	2	M.	69-69-69	.75-1.10- .93
1896 Pa	7	2	F.	60-60-60	.42- .58- .50

DOGGERS, IRON AND STEEL.

1889 England	5	(a)	M.	(a)	.49- .77- —

DOGGERS, LUMBER.

1884 Mich	278	2	M.	(a)	1.60-1.90-1.75
1891 Me	257	4	M.	60-66-63	1.50-2.00-1.75
1891 Wis	411	8	M.	(a)	1.00-1.66-1.53
1893 Wis	412	7	M.	(a)	1.42-2.66-1.73
1894 Me	260	2	M.	66-66-66	1.50-1.50-1.50

DOLL MAKERS.

1878 Germany	177	(a)	M.	(a)	.49- .98- —
1878 Germany	177	(a)	F.	(a)	.24- .49- —
1882 Germany	27	(a)	(a)	(a)	.50-1.00- —
1885 N. Y	330	4	F.	60-60-60	.50-1.00- .71
1894 France	128	(a)	(a)	(a)	b .19- .24- —
1894 France	129	(a)	M.	60-60-60	.34- .34- .34
1894 France	129	(a)	F.	60-60-60	.34- .97- —

DONKEY MEN, VESSELS.

1884 Canada	178	(a)	(a)	(a)	.66- .82- —
1884 Denmark	178	(a)	M.	(a)	.45- .49- —
1884 England	178	(a)	M.	(a)	.21- .95- —
1884 England	178	(a)	M.	(a)	c .24- .24- .24
1884 Netherl'ds	178	(a)	M.	(a)	.46- .46- .46
1884 Scotland	178	(a)	M.	(a)	.60- .60- .60
1884 Wales	178	(a)	M.	(a)	.72- .88- —
1886 England	70	(a)	M.	(a)	.64- .76- —
1886 Gr't Brit	604	(a)	M.	(a)	d .47- .85- —
1886 Gr't Brit	604	(a)	M.	(a)	c .97-1.16- —
1890 Australia	433	(a)	M.	(a)	d 1.38-1.60- —
1891 Australia	433	(a)	M.	(a)	1.44-1.60- —
1893 Australia	583	(a)	M.	(a)	1.28-1.60- —
1893 Germany	186	(a)	M.	(a)	.53- .77- —
1894 Australia	176	(a)	M.	(a)	.56-1.28- —
1894 England	127	(a)	M.	(a)	.80- .88- —
1894 Ireland	127	(a)	M.	(a)	.68- .80- —
1899 N. Zealand	681	(a)	M.	(a)	1.52-1.52-1.52

a Not reported. b Per hour. c Without food. d And food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOOR BOYS, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1841 England ..	625	(a) M.	(a)	0.12-0.12-0.12
1874 Wales.....	185	(a) M.	(a)	.24- .72- —
1876 Pa	381	376 M.	(a)	.44-1.00- .70
1877 Pa	382	220 M.	b 42-60-57	.55- .85- .77
1878 Pa	383	209 M.	c 54-60-59	.40- .93- .64
1884 Aust-Hun .	178	(a) M.	72-72-72	.24- .28- —
1887 Ohio	369	5 M.	54-54-54	.54- .54- .54
1888 Germany .	5	(a) M.	d 72-72-72	.29- .31- —
1889 Ala	5	18 M.	54-66-61	.50-1.00- .69
1889 Ill.....	5	7 M.	e 60-60-60	.75- .85- .79
1889 Ind	5	8 M.	f 60-60-60	.55- .80- .71
1889 Md.....	5	5 M.	60-60-60	.65- .75- .73
1889 Ohio	5	83 M.	48-60-53	.50- .85- .63
1889 Pa	5	35 M.	g 50-60-57	.50-1.00- .66
1889 Tenn.....	5	2 M.	60-60-60	.50- .50- .50
1889 Va	5	50 M.	72-72-72	1.00-1.00-1.00
1889 W. Va.....	5	1 M.	54-54-54	.60- .60- .60
1889 Belgium ..	5	(a) M.	72-72-72	.55- .55- .55
1889 Canada ...	5	(a) M.	60-60-60	.45- .45- .45
1889 England ..	5	(a) M.	48-56 —	.24- .39- —
1890 Ala	5	1 M.	60-60-60	.75- .75- .75
1890 Pa	5	5 M.	f 54-54-54	.50- .75- .55
1891 Belgium ..	457	(a) M.	h 72-72-72	.21- .54- —
1891 Belgium ..	457	(a) F.	d 72-72-72	.21- .23- —
1891 Br. India..	620	(a) M.	48-48-48	.07- .11- —
1892 England ..	632	(a) M.	54-54-54	.43- .75- —
1892 France....	505	(a) M.	60-60-60	.52- .52- .52
1897 Pa	395	2 M.	(a)	.75- .75- .75
1898 England ..	681	(a) M.	(a)	.28- .77- —

DOOR HANDS, IRON AND STEEL.

1850	N. Y.....	190	7	M.	60-60-60	.25- .25- .25	1879	N. Y.....	190	13	M.	60-60-60	.40- .40- .40
1851	N. Y.....	190	7	M.	60-60-60	.25- .25- .25	1880	N. Y.....	190	17	M.	60-60-60	.55- .55- .55
1852	N. Y.....	190	2	M.	60-60-60	.25- .25- .25	1880	England ..	571	(a)	M.	50-50-50	.24- .24- .24
1853	N. Y.....	190	6	M.	60-60-60	.25- .25- .25	1881	N. Y.....	190	13	M.	60-60-60	.55- .55- .55
1854	N. Y.....	190	6	M.	60-60-60	.25- .25- .25	1882	N. Y.....	190	16	M.	60-60-60	.55- .55- .55
1855	N. Y.....	190	8	M.	60-60-60	.25- .50- .31	1883	N. Y.....	190	12	M.	60-60-60	.45- .50- .49
1856	N. Y.....	190	13	M.	60-60-60	.25- .50- .32	1883	England ..	572	(a)	M.	55-55-55	.34- .34- .34
1857	N. Y.....	190	9	M.	60-60-60	.25- .31- .28	1884	N. Y.....	190	5	M.	60-60-60	.45- .45- .45
1858	N. Y.....	190	10	M.	60-60-60	.25- .25- .25	1885	N. Y.....	190	10	M.	60-60-60	.45- .45- .45
1859	N. Y.....	190	8	M.	60-60-60	.25- .25- .25	1885	Ohio	1	2	M.	60-60-60	.59- .59- .59
1860	N. Y.....	190	11	M.	60-60-60	.25- .25- .25	1885	Pa	1	33	M.	48-72-57	.62- .99- .81
1861	N. Y.....	190	15	M.	60-60-60	.25- .25- .25	1886	N. Y.....	190	29	M.	60-60-60	.45- .75- .52
1862	N. Y.....	190	16	M.	60-60-60	.25- .31- .28	1887	Md.....	4	9	M.	(a)	.90-1.05- .96
1863	N. Y.....	190	25	M.	60-60-60	.25- .38- .34	1887	N. Y.....	190	13	M.	60-60-60	.55- .55- .55
1864	N. Y.....	190	26	M.	60-60-60	.38- .75- .45	1888	N. Y.....	190	11	M.	60-60-60	.50- .55- .52
1864	England ..	627	(a)	M.	(a)	.24- .24- .24	1888	N. Y.....	331	18	M.	58-70-65	.50- .75- .64
1865	N. Y.....	190	13	M.	60-60-60	.50- .50- .50	1888	W. Va.....	5	4	M.	66-66-66	.70. .70- .70
1865	England ..	627	(a)	M.	(a)	.20- .26- —	1888	Belgium ..	5	(a)	M.	84-84-84	.65- .65- .65
1866	N. Y.....	190	8	M.	60-60-60	.50- .50- .50	1888	England ..	5	(a)	M.	(a)	.34- .41- —
1867	N. Y.....	190	9	M.	60-60-60	.50- .50- .50	1889	Ill	5	5	M.	72-72-72	.60- .65- .64
1868	N. Y.....	190	11	M.	60-60-60	.50- .50- .50	1889	Md.....	5	6	M.	60-60-60	.50- .50- .50
1869	N. Y.....	190	20	M.	60-60-60	.50- .59- .51	1889	N. Y.....	5	64	M.	60-72-69	.50- .75- .68
1870	N. Y.....	190	2	M.	60-60-60	.50- .50- .50	1889	N. Y.....	190	4	M.	60-60-60	.50- .50- .50
1871	N. Y.....	190	9	M.	60-60-60	.50- .50- .50	1889	Ohio	5	21	M.	i 66-66-66	.50- .85- .74
1872	N. Y.....	190	21	M.	60-60-60	.50- .56- .53	1889	Pa	5	17	M.	j 64-66-65	.50-1.00- .69
1873	N. Y.....	190	23	M.	60-60-60	.50- .56- .54	1889	W. Va.....	5	14	M.	g 66-66-66	.70-1.75-1.17
1874	N. Y.....	190	11	M.	60-60-60	.50- .50- .50	1889	Belgium ..	5	(a)	M.	k 72-84 —	.15- .80- —
1875	N. Y.....	190	19	M.	60-60-60	.40- .45- .43	1889	England ..	5	(a)	M.	66-66-66	.38- .38- .38
1876	N. Y.....	190	16	M.	60-60-60	.40- .45- .40	1889	Italy	5	(a)	M.	(a)	.20- .20- .20
1876	Pa	381	4	M.	(a)	.90- .90- .90	1889	Scotland ..	5	(a)	M.	66-66-66	.37- .49- —
1876	Pa	382	12	M.	(a)	.35- .35- .35	1890	N. Y.....	190	15	M.	60-60-60	.50- .50- .50
1877	N. Y.....	190	5	M.	60-60-60	.40- .40- .40	1892	Scotland ..	632	(a)	M.	(a)	.49- .49- .49
1878	N. Y.....	190	10	M.	60-60-60	.40- .40- .40							

DOOR MAKERS, IRON AND STEEL.

1893	Ohio	374	3	M.	60-60-60	2.50-2.50-2.50	1895	Ohio	376	28	M.	48-54-54	1.25-2.00-1.30
1894	Ohio	375	28	M.	54-54-54	1.06-1.06-1.06							

a Not reported.
b Not including hours of 34 persons not reported.
c Not including hours of 141 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 3 persons not reported.
f Not including hours of 1 person not reported.
g Not including hours of 6 persons not reported.
h Applies to but 1 of the 3 wage quotations.
i Not including hours of 9 persons not reported.
j Not including hours of 7 persons not reported.
k Applies to but 4 of the 16 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOOR MEN, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Russia	178	(a) M.	(a)	0.34-0.41- —	1887 N. Y.	4	62 M.	(a)	0.88-1.64-1.39
1887 Mass	4	2 M.	(a)	1.50-1.73-1.62					

DOOR, SASH, AND BLIND MAKERS.

1839 Mass	8	2 M.	72-72-72	1.25-1.25-1.25	1889 Del	190	22 M.	60-60-60	2.00-3.33-2.46
1848 Me	8	1 M.	72-72-72	1.50-1.50-1.50	1889 Canada	471	(a) M.	54-59 —	1.42-1.56- —
1850 Mass	8	1 M.	72-72-72	1.25-1.25-1.25	1890 Del	190	29 M.	60-60-60	1.83-3.67-2.41
1864 Mass	8	1 M.	54-54-54	3.00-3.00-3.00	1890 N. Y.	333	511 M.	(a)	.50-3.00-1.64
1867 Del	190	14 M.	60-60-60	2.42-2.92-2.59	1890 Australia	425	(a) (a)	48-48-48	1.42-2.03- —
1868 Del	190	24 M.	60-60-60	2.00-2.83-2.52	1891 Del	190	28 M.	60-60-60	2.00-3.67-2.43
1869 Del	190	23 M.	60-60-60	2.25-3.50-2.71	1891 N. Y.	333	512 M.	(a)	.33-3.50-1.62
1869 Mass	266	1 M.	60-60-60	3.00-3.00-3.00	1892 Cal	196	5 M.	54-54-54	1.25-2.75-1.95
1870 Del	190	23 M.	60-60-60	2.25-3.00-2.71	1892 Del	20	117 M.	60-60-60	.92-2.83-2.08
1871 Del	190	32 M.	60-60-60	1.67-3.00-2.60	1892 Del	190	29 M.	60-60-60	2.00-3.50-2.33
1871 Mass	267	28 M.	(a)	2.00-3.25-2.57	1892 Ind	227	5 M.	60-60-60	1.90-2.27-2.12
1871 Italy	611	(a) M.	(a)	.37- .46- —	1892 Mich	284	371 M.	d54-72-60	.42-8.01-1.76
1872 Del	190	21 M.	60-60-60	1.75-3.00-2.64	1892 Japan	132	(a) (a)	(a)	.12- .37- —
1873 Del	190	21 M.	60-60-60	2.33-3.00-2.64	1893 Del	20	121 M.	60-60-60	.92-3.00-2.11
1873 Sweden	167	(a) M.	72-72-72	.94- .94- .94	1893 Ill	10	1 M.	58-58-58	1.33-1.33-1.33
1874 Del	190	10 M.	60-60-60	2.00-3.00-2.36	1893 Md	10	2 M.	60-64-62	1.50-1.80-1.65
1875 Del	190	6 M.	60-60-60	1.83-2.50-2.06	1893 N. H	315	2 M.	59-60-60	1.40-2.00-1.70
1876 Del	190	10 M.	60-60-60	1.83-2.50-2.07	1893 N. Y.	10	1 M.	60-60-60	1.83-1.83-1.83
1877 Del	190	7 M.	60-60-60	1.67-2.33-1.88	1893 Ohio	374	28 M.	e48-60-55	1.71-2.00-1.79
1877 England	275	(a) M.	(a)	1.20-1.44- —	1893 Pa	10	1 M.	58-58-58	1.67-1.67-1.67
1878 Del	190	10 M.	60-60-60	1.75-2.33-1.90	1894 Del	20	65 M.	60-60-60	.92-3.00-2.06
1879 Del	190	6 M.	60-60-60	1.42-2.33-1.83	1894 Ga	8	1 M.	60-60-60	1.00-1.00-1.00
1880 N. J	319	2 (a)	60-60-60	1.50-2.50-2.00	1894 Ind	228	9 M.	54-60-57	1.69-2.25-1.94
1880 England	275	(a) M.	(a)	1.20-1.44- —	1894 Me	260	2 M.	60-60-60	2.00-2.25-2.13
1881 Del	190	40 M.	60-60-60	1.67-2.50-1.97	1894 N. H	316	16 M.	45-69-59	1.08-2.50-1.67
1882 Del	190	11 M.	60-60-60	1.75-2.83-2.17	1894 N. C	8	2 M.	60-60-60	1.00-1.75-1.38
1883 Del	190	22 M.	60-60-60	1.75-2.83-2.13	1894 Ohio	375	119 M.	54-60-58	1.40-2.25-1.54
1883 Mass	273	54 M.	(a)	1.25-2.50-1.86	1894 W. Va	406	1 M.	54-54-54	2.00-2.00-2.00
1884 Del	190	29 M.	60-60-60	1.83-3.00-2.16	1894 Australia	425	(a) (a)	(a)	2.03-2.03-2.03
1884 Canada	466	(a) M.	59-59-59	1.77-1.81- —	1895 Del	20	103 M.	60-60-60	.92-3.08-1.95
1885 Del	190	32 M.	60-60-60	1.50-3.00-1.82	1895 Mass	8	1 M.	54-54-54	2.50-2.50-2.50
1885 Canada	467	(a) M.	60-60-60	1.67-1.75- —	1895 Mo	304	3 M.	(a)	1.85-3.00-2.53
1886 Del	190	24 M.	60-60-60	1.50-3.00-1.94	1895 N. J	8	3 M.	60-60-60	2.00-2.00-2.00
1886 Iowa	232	10 M.	b48-60-58	1.00-2.25-1.49	1895 N. Y.	8	20 M.	48-60-58	1.25-3.00-2.21
1886 Canada	468	(a) M.	59-60 —	1.52-1.58- —	1895 N. C	8	3 M.	60-60-00	.80-1.00- .93
1887 Del	190	22 M.	60-60-60	1.83-3.33-2.37	1895 Wis	413	1 (a)	60-60-60	1.25-1.25-1.25
1887 Ohio	369	66 M.	60-60-60	1.50-2.15-1.83	1895 Australia	426	(a) (a)	(a)	2.03-2.03-2.03
1887 Wis	409	10 M.	(a)	1.00-1.00-1.00	1896 N. H	8	2 M.	60-60-60	2.00-2.00-2.00
1887 Canada	469	(a) M.	59-59-59	1.58-1.75- —	1896 Ohio	377	104 M.	54-60-56	1.41-2.50-1.51
1888 Del	190	22 M.	60-60-60	2.00-3.33-2.43	1896 Australia	427	(a) (a)	(a)	1.22-2.03- —
1888 N. J	326	1 (a)	60-60-60	2.25-2.25-2.25	1897 Mass	8	1 M.	54-54-54	2.83-2.83-2.83
1888 N. Y.	331	713 M.	c53-60-59	.50-3.00-2.07	1897 Australia	428	(a) (a)	(a)	1.22-2.03- —
1888 Canada	470	(a) M.	59-59-59	1.65-1.65-1.65	1898 Australia	429	(a) (a)	(a)	1.22-2.03- —

DOOR, SASH, AND BLIND MAKERS' HELPERS.

1890 N. Y.	333	10 M.	(a)	.40-2.00- .96	1893 Del	20	52 M.	60-60-60	.31-1.50- .70
1891 N. Y.	333	10 M.	(a)	.40-2.00- .99	1894 Del	20	52 M.	60-60-60	.33-1.50- .67
1892 Del	20	39 M.	60-60-60	.33-1.50- .66	1895 Del	20	68 M.	60-60-60	.33-1.50- .67

DOUBLERS, IRON AND STEEL.

1886 Wales	604	(a) M.	(a)	1.62-1.62-1.62	1894 Gr't Brit	584	(a) M.	(a)	2.01-2.01-2.01
1889 Pa	5	19 M.	(a)	.95-1.85-1.68	1895 Ohio	376	206 M.	48-72-49	1.50-5.50-2.73
1890 Ala	5	1 M.	55-55-55	1.60-1.60-1.60	1897 Ohio	377	189 (a)	48-72-49	1.50-6.00-2.99
1892 Mo	301	21 M.	48-48-48	1.75-5.25-3.68					

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 144 persons not reported.
d Not including hours of 149 persons not reported.
e Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOUBLERS, TEXTILES.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1806 England ..	188	(a) F.	(a)	0.48-0.48-0.48
1811 England ..	188	(a) F.	(a)	.42- .42- .42
1815 England ..	188	(a) F.	(a)	.42- .42- .42
1818 England ..	188	(a) F.	(a)	.38- .38- .38
1824 England ..	188	(a) F.	(a)	.38- .38- .38
1833 England ..	188	(a) F.	(a)	.34- .34- .34
1839 England ..	562	(a) F.	66-69 —	.28- .30- —
1849 England ..	562	(a) F.	60-60-60	.30- .30- .30
1851 Mass	190	3 M.	72-72-72	.35- .40- .38
1852 Mass	190	5 M.	60-72-67	.35- .50- .44
1853 Mass	190	3 M.	72-72-72	.58- .58- .58
1854 Mass	190	3 M.	72-72-72	.58- .58- .58
1855 Mass	190	3 M.	72-72-72	.42- .42- .42
1856 Mass	190	3 M.	72-72-72	.40- .40- .40
1857 Mass	190	3 M.	72-72-72	.40- .40- .40
1858 Mass	190	3 M.	72-72-72	.50- .58- .55
1859 Mass	190	4 M.	72-72-72	.54- .63- .59
1859 England ..	562	(a) F.	60-60-60	.35- .37- —
1859 England ..	563	(a) F.	60-60-60	.39- .39- .39
1860 Mass	190	6 M.	72-72-72	.50- .71- .64
1861 Mass	190	4 M.	66-66-66	.54- .58- .56
1861 England ..	564	(a) F.	56-56-56	.41- .41- .41
1862 Mass	190	4 M.	66-66-66	.58- .83- .71
1862 England ..	564	(a) F.	60-60-60	.30- .30- .30
1862 Italy	635	(a) F.	(a)	.13- .13- .13
1863 Mass	190	4 M.	66-66-66	.67- .83- .75
1863 Italy	635	(a) F.	(a)	.13- .14- —
1864 Mass	190	3 M.	66-66-66	.67- .83- .72
1864 Italy	635	(a) F.	(a)	.13- .14- —
1865 Mass	190	3 M.	60-66-64	1.25-1.29-1.26
1865 Italy	635	(a) F.	(a)	.13- .14- —
1866 Mass	190	3 M.	66-66-66	1.25-1.29-1.26
1866 Italy	635	(a) F.	(a)	.13- .15- —
1867 Mass	190	3 M.	66-66-66	1.25-1.29-1.26
1867 Italy	635	(a) F.	(a)	.13- .15- —
1868 Mass	190	4 M.	66-66-66	1.17-1.21-1.19
1868 Italy	635	(a) F.	(a)	.13- .15- —
1869 Mass	190	5 M.	66-66-66	.67-1.21- .89
1869 Italy	635	(a) F.	(a)	.13- .16- —
1870 Mass	190	5 M.	66-66-66	.67-1.21- .89
1870 Italy	635	(a) F.	(a)	.14- .17- —
1871 Mass	190	7 M.	66-66-66	.79- .79- .79
1871 England ..	629	(a) F.	*b* 60-60-60	.30- .49- —
1871 Italy	635	(a) F.	(a)	.14- .18- —
1871 Scotland ..	629	(a) F.	60-60-60	.32- .32- .32
1872 Mass	190	6 M.	66-66-66	.79- .79- .79
1872 England ..	185	(a) F.	59-59-59	.48- .50- —
1872 Italy	635	(a) F.	(a)	.14- .18- —
1872 Russia	612	(a) F.	69-69-69	.26- .32- —
1873 Mass	190	7 M.	66-66-66	.79- .79- .79
1873 Pa	379	4 F.	(a)	1.00-1.00-1.00
1873 England ..	185	(a) (a)	60-60-60	.50- .50- .50
1873 Italy	635	(a) F.	(a)	.15- .19- —
1874 Mass	190	8 M.	66-66-66	.79- .79- .79
1874 England ..	569	(a) F.	59-59-59	.41- .61- —
1874 Italy	635	(a) F.	(a)	.15- .20- —
1875 Mass	190	8 M.	60-60-60	.54- .65- .60
1875 Italy	635	(a) F.	(a)	.17- .20- —
1876 Mass	190	6 M.	60-60-60	.54- .54- .54
1876 Italy	635	(a) F.	(a)	.17- .20- —
1877 Mass	190	6 M.	60-60-60	.56- .56- .56
1877 England ..	570	(a) M.	27-27-27	.15- .15- .15
1877 England ..	570	(a) F.	27-57 —	.14- .49- —
1877 Italy	635	(a) F.	(a)	.15- .20- —
1878 Mass	190	5 M.	60-60-60	.53- .53- .53
1878 Italy	635	(a) F.	(a)	.15- .20- —
1879 Mass	190	5 M.	60-60-60	.53- .53- .53
1879 Italy	635	(a) F.	(a)	.15- .20- —
1880 Mass	190	1 M.	60-60-60	0.62-0.62-0.62
1880 England ..	571	(a) F.	54-57 —	.28- .49- —
1880 Italy	635	(a) F.	(a)	.15- .26- —
1881 Mass	190	1 M.	60-60-60	.62- .62- .62
1881 Italy	635	(a) F.	(a)	.15- .20- —
1882 Conn	202	4 M.	(a)	.95- .95- .95
1882 Mass	190	1 M.	60-60-60	.62- .62- .62
1882 N.J	321	4 (a)	60-60-60	.67- .67- .67
1882 Belgium ..	36	(a) M.	72-72-72	1.00-1.00-1.00
1882 Germany .	33	(a) F.	72-84 —	.20- .40- —
1882 Italy	33	(a) M.	(a)	.17- .17- .17
1882 Italy	33	(a) F.	(a)	.11- .11- .11
1882 Italy	635	(a) F.	(a)	.15- .20- —
1883 Mass	190	1 M.	60-60-60	.56- .56- .56
1883 Mass	273	4 M.	(a)	.94-1.04-1.00
1883 N.J	322	480 F.	*c* 60-60-60	.87- .92- .91
1883 England ..	43	(a) (a)	(a)	.49- .49- .49
1883 England ..	572	(a) M.	57-57-57	.36- .41- —
1883 England ..	572	(a) F.	57-60 —	.36- .45- —
1883 Italy	635	(a) F.	(a)	.15- .20- —
1884 Mass	190	1 M.	60-60-60	.56- .56- .56
1884 N.J	323	1 M.	(a)	.67- .67- .67
1884 N.J	323	3 F.	(a)	.67- .67- .67
1884 England ..	178	(a) M.	*d* 56-56-56	.41- .57- —
1884 England ..	178	(a) F.	*e* 56-56-56	.24- .49- —
1884 Italy	178	(a) F.	(a)	.19- .23- —
1884 Italy	635	(a) F.	(a)	.18- .20- —
1884 Spain	178	(a) F.	66-66-66	.53- .53- .53
1885 Conn	7	1 F.	(a)	.83- .83- .83
1885 Del	1	3 F.	60-60-60	.66- .66- .66
1885 Me	1	8 M.	66-66-66	.62- .80- .69
1885 Me	1	4 F.	66-66-66	.40- .40- .40
1885 Mass	1	9 F.	60-60-60	.80- .87- .82
1885 Mass	190	1 M.	60-60-60	.56- .56- .56
1885 N.J	7	12 F.	60-60-60	.75-1.04- .89
1885 N.J	324	1 M.	60-60-60	.85- .85- .85
1885 N.J	324	106 F.	60-60-60	.83- .92- .90
1885 N.Y	1	39 M.	60-66-62	.56-1.42-1.07
1885 N.Y	1	85 F.	60-66-63	.77-1.60-1.17
1885 N.Y	7	6 F.	(a)	.88- .96- .93
1885 Pa	1	20 M.	60-60-60	1.33-1.33-1.33
1885 Vt	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Vt	1	7 F.	66-66-66	.60- .60- .60
1885 Vt	7	1 M.	60-60-60	.90- .90- .90
1885 Vt	7	8 F.	60-60-60	.40- .68- .57
1885 Gr't Brit ..	1	(a) F.	60-60-60	.41- .44- —
1885 Italy	635	(a) F.	(a)	.20- .20- .20
1886 Mass	190	1 M.	60-60-60	.63- .63- .63
1886 N.H	7	4 M.	60-60-60	.80- .88- .83
1886 N.J	325	127 F.	60-60-60	.87-1.67-1.02
1886 Pa	3	3 F.	60-60-60	1.00-1.08-1.03
1886 Pa	7	55 F.	*f* 60-60-60	.25- .71- .45
1886 Canada ...	468	(a) F.	62-62-62	.53- .53- .53
1886 England ..	66	(a) (a)	(a)	.39- .39- .39
1886 England ..	600	(a) M.	57-57-57	.33- .65- —
1886 England ..	600	(a) F.	57-57-57	.32- .85- —
1886 England ..	601	(a) F.	57-57-57	.35- .52- —
1886 England ..	606	(a) F.	(a)	.33- .46- —
1886 Gr't Brit ..	601	(a) M.	57-57-57	.77- .77- .77
1886 Gr't Brit ..	601	(a) F.	57-57-57	.43- .43- .43
1886 Italy	635	(a) F.	(a)	.20- .20- .20
1886 Scotland ..	600	(a) F.	57-57-57	.28- .28- .28
1887 Conn	202	5 M.	(a)	1.58-1.58-1.58
1887 Conn	202	141 F.	(a)	.82- .89- .84
1887 Mass	190	1 M.	60-60-60	.63- .63- .63
1887 N.Y	3	8 F.	56-60-59	.42-1.54- .96
1887 Pa	3	3 F.	60-60-60	1.00-1.08-1.03
1887 Italy	636	(a) F.	(a)	.20- .20- .20

a Not reported.
b Applies to but 8 of the 9 wage quotations.
c Not including hours of 125 persons not reported.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 12 of the 13 wage quotations.
f Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DOUBLERS, TEXTILES—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Mass	190	1 M.	60-60-60	0.63-0.63-0.63
1888 N. J	326	201 F.	a60-60-60	.83-1.08- .90
1888 N. Y	6	3 M.	60-60-60	1.13-1.25-1.17
1888 N. Y	331	17 M.	55-55-55	.67- .83- .77
1888 R. I	6	1 M.	(b)	1.04-1.04-1.04
1889 Conn	6	20 F.	60-60-60	.93- .93- .93
1889 Me	6	2 M.	60-60-60	.83- .83- .83
1889 Me	6	1 (b)	60-60-60	.92- .92- .92
1889 Mass	6	6 M.	c60-60-60	1.01-1.05-1.02
1889 Mass	190	1 M.	60-60-60	.63- .63- .63
1889 Pa	6	16 F.	60-60-60	.92- .92- .92
1890 Mass	190	1 M.	60-60-60	.63- .63- .63
1890 N. Y	333	104 M.	(b)	.50-1.60- .83
1890 N. Y	333	1 F.	(b)	1.00-1.00-1.00
1890 Pa	6	2 F.	60-60-60	.83- .83- .83
1890 Aust-Hun	632	(b) M.	(b)	.25- .49- —
1890 England	632	(b) M.	(b)	.40- .40- .40
1890 Ireland	6	(b) F.	56-56-56	.28- .28- .28
1891 Mass	190	1 M.	60-60-60	1.00-1.00-1.00
1891 Mich	283	3 F	(b)	.75- .75- .75
1891 N. Y	333	109 M.	(b)	.50-1.60- .85
1891 N. Y	333	1 F.	(b)	1.00-1.00-1.00
1891 N. C	346	1 (b)	71-71-71	.45- .45- .45
1891 France	505	(b) F.	66-66-66	.39- .68- —
1892 Mass	20	1 M.	58-58-58	.97- .97- .97
1892 Mass	190	1 M.	58-58-58	1.13-1.13-1.13
1892 France	505	(b) F.	66-72 —	.17- .82- —
1892 France	505	(b) F.	72-72-72	d.19- .29- —
1892 Italy	640	(b) F.	(b)	.22- .22- .22
1893 Mass	20	1 M.	58-58-58	1.21-1.21-1.21
1893 N. J	327	32 F.	55-60-55	.50-1.10- .87
1893 England	632	(b) F.	(b)	.28- .45- —
1893 Italy	639	(b) F.	66-66-66	0.16-0.16-0.16
1893 Italy	640	(b) F.	(b)	.22- .22- .22
1894 Mass	11	1 (b)	(b)	1.06-1.06-1.06
1894 Mass	20	1 M.	58-58-58	1.09-1.09-1.09
1894 England	590	(b) (b)	(b)	.36- .43- —
1894 France	508	(b) F.	72-72-72	.45- .58- —
1894 Italy	640	(b) F.	(b)	.22- .22- .22
1895 Conn	7	1 M.	60-60-60	1.02-1.02-1.02
1895 Conn	7	2 F.	60-60-60	.67- .92- .80
1895 Ga	7	1 M.	66-66-66	.75- .75- .75
1895 Me	7	1 M.	60-60-60	.90- .90- .90
1895 Mass	7	3 M.	58-58-58	.92-1.35-1.17
1895 Mass	8	1 F.	(b)	.90- .90- .90
1895 Mass	20	1 M.	58-58-58	1.09-1.09-1.09
1895 N. H	7	2 M.	60-60-60	1.05-1.05-1.05
1895 N. J	7	7 F.	55-55-55	.75-1.08- .85
1895 N. Y	7	9 F.	60-60-60	1.08-1.21-1.15
1895 N. Y	8	1 F.	60-60-60	.75- .75- .75
1895 N. C	8	1 F.	66-66-66	.60- .60- .60
1895 Vt	7	1 M.	60-60-60	.85- .85- .85
1895 Vt	7	2 F.	60-60-60	.63- .68- .66
1895 France	509	(b) F.	66-72 —	.48- .58- —
1895 Italy	640	(b) F.	(b)	.22- .22- .22
1896 Conn	7	1 M.	60-60-60	1.25-1.25-1.25
1896 N. H	7	7 M.	60-60-60	.85-1.00- .90
1896 Pa	7	90 F.	60-60-60	.25-1.20- .50
1896 France	510	(b) F.	60-66 —	.43- .62- —
1896 Italy	640	(b) F.	(b)	.22- .22- .22
1897 France	511	(b) F.	66-66-66	.43- .64- —
1898 France	512	(b) F.	60-66 —	.43- .48- —
1898 Italy	595	(b) F.	(b)	.14- .14- .14

DOVETAILERS.

1888 N. Y	331	1 M.	(b)	1.00-1.00-1.00
1894 France	129	(b) M.	60-60-60	1.25-1.45- —
1895 Mass	8	1 M.	60-60-60	3.00-3.00-3.00
1895 N. Y	8	9 M.	60-60-60	1.00-2.50-1.72
1896 N. Y	8	1 M.	54-54-54	2.50-2.50-2.50
1897 Mass	8	4 M.	54-60-59	1.50-2.25-1.81

DOWELERS.

1881 Pa	2	10 M.	60-60-60	1.65-1.65-1.65
1885 N. Y	1	2 M.	60-60-60	2.33-2.33-2.33
1894 N. Y	8	1 M.	60-60-60	1.25-1.25-1.25
1894 N. C	8	3 M.	60-60-60	.75-1.50-1.25
1895 N. Y	8	2 M.	48-48-48	3.00-3.00-3.00
1897 Mass	8	3 M.	60-60-60	1.50-2.25-1.75

DRAFTSMEN.

1848 N. Y	190	1 M.	60-60-60	1.75-1.75-1.75
1849 N. Y	190	1 M.	60-60-60	1.75-1.75-1.75
1850 N. Y	190	1 M.	60-60-60	1.75-1.75-1.75
1850 Germany	76	(b) M.	(b)	.46- .68- —
1851 N. Y	190	2 M.	60-60-60	1.67-2.00-1.84
1852 N. Y	190	2 M.	60-60-60	1.67-2.25-1.96
1853 N. Y	190	2 M.	60-60-60	1.67-2.25-1.96
1854 N. Y	190	3 M.	60-60-60	1.53-2.50-1.93
1855 N. Y	190	2 M.	60-60-60	1.88-2.50-2.19
1856 N. Y	190	3 M.	60-60-60	1.88-2.50-2.13
1857 N. Y	190	4 M.	60-60-60	1.75-2.50-2.01
1858 N. Y	190	2 M.	60-60-60	2.00-2.50-2.25
1859 N. Y	190	3 M.	60-60-60	2.00-2.00-2.00
1860 N. Y	190	3 M.	60-60-60	2.00-2.50-2.17
1860 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1860 Germany	76	(b) M.	(b)	.57-1.14- —
1861 N. Y	190	4 M.	60-60-60	2.00-2.50-2.13
1861 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1862 N. Y	190	3 M.	60-60-60	2.00-2.50-2.17
1862 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1863 N. Y	190	7 M.	60-60-60	2.20-2.50-2.30
1863 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1864 N. Y	190	7 M.	60-60-60	2.25-3.33-2.75
1864 Pa	190	2 M.	60-60-60	2.70-2.70-2.70
1865 N. Y	190	8 M.	60-60-60	2.75-4.25-3.31
1865 Pa	190	2 M.	60-60-60	2.70-2.70-2.70

a Not including hours of 199 persons not reported.
b Not reported.
c Not including hours of 4 persons not reported.
d And lodging and heat.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAFTSMEN—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 N. Y.	190	6 M.	60-60-60	3.00-4.50-3.71
1866 Pa.	190	2 M.	60-60-60	2.70-2.70-2.70
1867 N. Y.	190	8 M.	60-60-60	3.00-5.00-4.06
1867 Pa.	190	2 M.	60-60-60	2.70-2.70-2.70
1868 N. Y.	190	7 M.	60-60-60	3.00-5.00-4.07
1868 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1869 N. Y.	190	7 M.	60-60-60	4.00-5.83-4.62
1869 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1870 N. Y.	190	6 M.	a60-60-60	1.75-5.83-4.26
1870 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1870 Norway	610	(b) M.	(b)	1.62-2.88- —
1871 Mass.	267	1 M.	59-59-59	4.50-4.50-4.50
1871 N. Y.	190	5 M.	a60-60-60	1.75-5.83-4.22
1871 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1871 Norway	185	(b) M.	(b)	1.61-2.90- —
1871 Scotland	629	(b) M.	(b)	1.38-1.38-1.38
1872 N. Y.	190	4 M.	60-60-60	4.50-5.83-4.83
1872 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1872 Germany	76	(b) M.	(b)	.80-1.48- —
1873 N. Y.	190	6 M.	a60-60-60	2.75-4.50-3.93
1873 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1873 Pa.	379	3 M.	(b)	3.00-4.00-3.33
1873 Aust-Hun.	711	(b) M.	(b)	c.07- .07- .07
1873 Germany	711	(b) M.	(b)	c.02½-.02½-.02½
1873 Switzerl'd.	714	(b) (b)	63-63-63	1.17-1.17-1.17
1874 N. Y.	190	5 M.	60-60-60	3.00-5.33-4.37
1874 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1874 Pa.	380	2 M.	(b)	4.00-4.00-4.00
1875 N. Y.	190	6 M.	a60-60-60	2.40-5.33-4.04
1875 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1876 N. Y.	190	6 M.	a60-60-60	2.30-5.00-3.63
1876 Pa.	190	2 M.	60-60-60	3.50-3.50-3.50
1876 Pa.	381	11 M.	d60-60-60	2.50-5.00-3.60
1877 N. Y.	190	6 M.	a60-60-60	2.25-5.00-3.39
1877 Ohio	359	4 M.	(b)	2.58-3.38-2.98
1877 Pa.	190	2 M.	60-60-60	3.50-3.50-3.50
1877 Pa.	382	10 M.	a48-60-59	3.30-4.98-3.36
1877 England	570	(b) M.	(b)	1.62-4.06- —
1878 N. Y.	190	6 M.	a60-60-60	2.30-5.00-3.62
1878 Ohio	360	1 M.	(b)	3.75-3.75-3.75
1878 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1878 Pa.	383	3 M.	60-60-60	2.11-4.49-3.20
1878 England	177	(b) M.	(b)	1.62-4.05- —
1878 Germany	177	(b) M.	(b)	1.14-1.14-1.14
1879 N. Y.	190	6 M.	a60-60-60	2.30-5.00-3.62
1879 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1879 Pa.	384	7 (b)	57-57-57	1.97-1.97-1.97
1880 N. Y.	190	7 M.	a60-60-60	2.30-5.00-3.67
1880 Pa.	190	2 M.	60-60-60	3.00-3.00-3.00
1880 England	571	(b) M.	54-54-54	1.83-3.24- —
1880 Scotland	571	(b) M.	48-48-48	1.28-1.28-1.28
1881 N. Y.	190	6 M.	a60-60-60	2.50-5.00-3.98
1881 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1881 Scotland	29	(b) (b)	54-54-54	1.67-1.67-1.67
1882 Mo.	294	2 M.	60-60-60	5.00-5.00-5.00
1882 N. Y.	190	7 M.	e60-60-60	1.80-6.48-3.96
1882 Ohio	364	39 (b)	d57-72-60	1.50-5.00-2.85
1882 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1882 Italy	633	(b) M.	54-54-54	.58-1.54- —
1883 Md.	8	1 M.	60-60-60	4.00-4.00-4.00
1883 Mich.	277	2 M.	(b)	2.00-2.50-2.25
1883 N. J.	322	3 M.	(b)	2.50-7.14-4.50
1883 N. Y.	190	6 M.	e60-60-60	2.15-6.48-4.06
1883 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1883 England	572	(b) M.	54-54-54	.81-3.24- —
1883 Italy	633	(b) M.	60-60-60	0.58-1.35- —
1884 Mich.	278	3 M.	(b)	2.88-5.75-4.04
1884 N. J.	323	1 M.	60-60-60	4.00-4.00-4.00
1884 N. Y.	190	6 M.	e60-60-60	2.25-6.48-4.16
1884 Ohio	367	15 M.	(b)	1.67-6.00-3.44
1884 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1884 Aust-Hun.	178	(b) M.	60-60-60	.42-1.53- —
1884 England	178	(b) M.	f54-54-54	.33-3.25- —
1884 France	178	(b) M.	(b)	1.15-2.88- —
1884 Germany	178	(b) M.	g60-64 —	.57-4.92- —
1884 Ireland	178	(b) M.	56-56-56	2.43-3.25- —
1884 Italy	178	(b) M.	h60-78—	.60-1.48- —
1884 Switzerl'd.	178	(b) M.	i60-65 —	.44-2.77- —
1885 Cal.	1	9 M.	60-60-60	1.33-4.50-3.23
1885 Del.	1	8 M.	60-60-60	4.00-4.00-4.00
1885 Ill.	1	5 M.	60-60-60	2.25-4.00-2.80
1885 Ind.	1	5 M.	60-60-60	2.00-3.50-3.00
1885 Me.	1	1 M.	60-60-60	1.50-1.50-1.50
1885 Mass.	7	1 M.	59-59-59	3.70-3.70-3.70
1885 Mich.	1	1 M.	60-60-60	5.00-5.00-5.00
1885 Mich.	279	3 M.	(b)	2.00-2.75-2.42
1885 N. Y.	1	7 M.	60-60-60	1.50-3.00-2.48
1885 N. Y.	190	9 M.	e60-60-60	2.25-6.48-3.73
1885 Ohio	1	10 M.	60-60-60	2.60-2.60-2.60
1885 Ohio	367	13 M.	(b)	1.67-6.00-3.37
1885 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1886 Cal.	193	20 M.	j60-60-60	2.50-10.00-7.00
1886 Cal.	193	2 F.	60-60-60	1.50-1.50-1.50
1886 N. Y.	190	8 M.	e60-60-60	2.25-6.48-3.58
1886 Pa.	190	2 M.	60-60-60	3.80-3.80-3.80
1886 Argentina	57	(b) M.	(b)	2.50-3.00- —
1886 England	601	(b) M.	(b)	1.91-1.91-1.91
1886 Germany	76	(b) M.	(b)	1.14-1.48- —
1886 Italy	633	(b) M.	k48-66 —	.23-2.90- —
1887 Conn.	4	5 M.	(b)	2.30-3.45-2.91
1887 Conn.	202	20 M.	(b)	2.01-3.39-3.32
1887 Md.	4	15 M.	(b)	1.25-5.00-2.44
1887 Mass.	4	4 M.	(b)	2.00-3.20-2.68
1887 Mich.	4	4 M.	l60-60-60	.77-3.83-2.57
1887 Mo.	4	7 M.	(b)	2.50-4.79-3.61
1887 Mo.	297	1 M.	(b)	4.79-4.79-4.79
1887 Nebr.	312	9 (b)	n60-60-60	1.53-4.22-2.94
1887 N. J.	4	5 M.	(b)	1.40-2.88-2.16
1887 N. Y.	4	11 M.	(b)	1.34-7.67-3.55
1887 N. Y.	190	7 M.	e60-60-60	2.30-6.48-3.88
1887 Ohio	369	87 M.	54-60-60	.60-5.00-2.66
1887 Oregon	4	8 M.	(b)	2.88-4.79-3.83
1887 Pa.	4	13 M.	j60-60-60	1.50-3.45-2.34
1887 Pa.	190	2 M.	60-60-60	4.20-4.20-4.20
1887 Pa.	390	1 M.	(b)	2.50-2.50-2.50
1887 Va.	4	1 M.	(b)	2.30-2.30-2.30
1887 Wis.	4	2 M.	(b)	2.88-3.45-3.17
1887 Wis.	409	66 M.	(b)	2.25-4.50-3.34
1888 N. J.	326	1 M.	(b)	3.00-3.00-3.00
1888 N. Y.	190	6 M.	e60-60-60	2.50-6.48-4.25
1888 N. Y.	331	36 M.	a47-60-54	1.57-4.37-3.29
1888 Pa.	190	2 M.	60-60-60	4.20-4.20-4.20
1888 Australia	432	(b) M.	(b)	2.95-2.95-2.95
1888 Canada	470	(b) M.	51-51-51	2.13-2.13-2.13
1889 Kansas	243	8 M.	60-72-62	1.75-3.85-2.49
1889 Mich.	281	1 M.	60-60-60	1.62-1.62-1.62
1889 Mo.	299	1 (b)	(b)	5.48-5.48-5.48
1889 N. Y.	190	6 M.	e60-60-60	2.50-6.48-4.29
1889 Pa.	190	2 M.	60-60-60	4.20-4.20-4.20
1889 Australia	432	(b) M.	(b)	1.94-4.06- —

a Not including hours of 1 person not reported.
b Not reported.
c Per hour.
d Not including hours of 9 persons not reported.
e Not including hours of 2 persons not reported.
f Applies to but 6 of the 9 wage quotations.
g Applies to but 18 of the 19 wage quotations.
h Applies to but 9 of the 13 wage quotations.
i Applies to but 3 of the 5 wage quotations.
j Not including hours of 12 persons not reported.
k Applies to but 53 of the 54 wage quotations.
l Not including hours of 3 persons not reported.
n Not including hours of 8 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAFTSMEN—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Belgium	5	(a) M.	84-84-84	0.96-1.15- —
1889 Canada	471	(a) M.	54-54-54	2.41-2.41-2.41
1889 Portugal	691	(a) (a)	(a)	.86-1.30- —
1890 Mich	282	8 M.	60-60-60	1.50-4.00-2.72
1890 N. Y.	190	6 M.	b60-60-60	1.75-6.48-4.12
1890 N. Y.	333	41 M.	(a)	.50-5.33-3.15
1890 Pa	190	2 M.	60-60-60	4.20-4.20-4.20
1891 Mo	300	3 M.	(a)	1.00-2.52-2.01
1891 N. Y.	190	9 M.	b60-60-60	2.00-6.48-4.38
1891 N. Y.	333	110 M.	(a)	.50-6.42-3.08
1891 Ohio	372	85 M.	48-60-58	1.50-4.00-2.99
1891 Pa	190	2 M.	60-60-60	4.20-4.20-4.20
1891 Belgium	457	(a) M.	60-66 —	.11-1.25- —
1892 Mass	20	3 M.	60-60-60	2.50-4.44-3.41
1892 N. Y.	20	2 M.	c60-60-60	3.83-4.00-3.92
1892 N. Y.	190	23 M.	60-60-60	2.00-5.50-3.74
1892 Pa	20	29 M.	60-60-60	1.50-6.00-3.82
1892 Pa	190	12 M.	60-60-60	2.50-6.00-4.42
1892 Australia	424	(a) M.	(a)	.81-6.49- —
1892 C. of G'd H.	486	(a) M.	(a)	2.33-2.33-2.33
1892 France	505	(a) M.	66-66-66	.93-1.69- —
1893 Ill	10	3 M.	48-54-50	1.75-2.50-2.25
1893 Mass	20	2 M.	60-60-60	2.20-4.00-3.10
1893 Mich	285	6 M.	48-57-50	1.50-5.37-2.84
1893 Mont	307	2 M.	42-60-51	3.00-5.75-4.38
1893 N. Y.	20	2 M.	c60-60-60	3.83-4.00-3.92
1893 Ohio	374	98 M.	d48-60-55	1.00-3.65-2.77
1893 Pa	20	30 M.	60-60-60	1.67-10.42-3.91
1894 Iowa	236	2 M.	48-48-48	2.25-2.92-2.59
1894 Mass	20	1 M.	60-60-60	2.00-2.00-2.00
1894 N. Y.	20	2 M.	c60-60-60	3.83-4.00-3.92
1894 Ohio	375	108 M.	e48-60-56	1.35-7.50-2.60
1894 Pa	20	33 M.	60-60-60	1.50-10.42-3.39
1894 C. of G'd H.	487	(a) M.	48-48-48	2.24-2.24-2.24
1895 Me	7	4 M.	60-60-60	1.50-3.50-2.50
1895 Mass	7	2 M.	59-59-59	3.20-5.00-4.10
1895 Mass	20	1 M.	60-60-60	3.33-3.33-3.33
1895 N. Y.	20	2 M.	c60-60-60	3.83-4.00-3.92
1895 Ohio	376	181 M.	f48-60-56	1.30-7.50-2.59
1895 Pa	20	29 M.	60-60-60	1.50-10.42-3.58
1895 Wis	413	1 (a)	54-54-54	5.00-5.00-5.00
1896 Md	14	52 M.	54-54-54	2.99-4.01-3.97
1896 Mass	14	10 M.	56-56-56	2.24-3.99-2.84
1896 Mich	288	5 M.	60-60-60	1.36-4.00-2.41
1896 Nebr	314	1 (a)	(a)	4.31-4.31-4.31
1896 N. H	7	2 M.	60-60-60	1.90-1.90-1.90
1896 N. Y.	14	8 M.	54-60-56	2.50-3.00-2.87
1896 N. Y.	336	18 M.	(a)	.83-8.33-3.01
1896 Ohio	377	149 M.	c24-60-53	1.75-4.00-2.78
1896 Pa	7	1 M.	57-57-57	2.50-2.50-2.50
1896 Pa	14	176 M.	60-60-60	3.80-3.80-3.80
1896 Pa	394	12 M.	45-45-45	1.00-3.75-3.09
1896 France	510	(a) (a)	65-66 —	1.38-1.38-1.38
1897 Pa	395	4 M.	(a)	3.24-3.93-3.65
1897 Va	404	34 M.	c60-60-60	1.50-4.00-2.36
1898 Ohio	18	3 M.	(a)	.77-3.45-2.49
1899 Ohio	18	3 M.	(a)	1.53-4.22-3.19

DRAFTSMEN'S HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mich	279	1 M.	(a)	.80- .80- .80
1886 England	601	(a) M.	(a)	.43- .43- .43
1892 Pa	20	1 M.	60-60-60	.83- .83- .83
1896 Ohio	377	1 M.	48-48-48	.83- .83- .83

DRAGOUTS, IRON AND STEEL.

1843	N. Y.	190	6	M.	60-60-60	.38- .44- .40	1867	N. Y.	190	28 M.	60-60-60	.63-1.88-1.12
1844	N. Y.	190	4	M.	60-60-60	.38- .44- .41	1868	N. Y.	190	31 M.	60-60-60	.50-1.88- .94
1845	N. Y.	190	12	M.	60-60-60	.38- .75- .49	1869	N. Y.	190	47 M.	60-60-60	.50-2.25-1.07
1846	N. Y.	190	14	M.	60-60-60	.38- .88- .55	1870	N. Y.	190	54 M.	60-60-60	.50-2.00- .91
1847	N. Y.	190	20	M.	60-60-60	.44-1.00- .64	1871	N. Y.	190	62 M.	60-60-60	.44-2.00-1.02
1848	N. Y.	190	9	M.	60-60-60	.38- .88- .69	1872	N. Y.	190	69 M.	60-60-60	.50-2.50-1.21
1849	N. Y.	190	20	M.	60-60-60	.38- .88- .52	1873	N. Y.	190	76 M.	60-60-60	.55-2.75-1.22
1850	N. Y.	190	35	M.	60-60-60	.25- .75- .47	1874	N. Y.	190	37 M.	60-60-60	.50-2.00-1.17
1851	N. Y.	190	29	M.	60-60-60	.38- .88- .57	1874	Pa	380	12 M.	(a)	.80-2.29-1.39
1852	N. Y.	190	11	M.	60-60-60	.38- .75- .49	1875	N. Y.	190	72 M.	60-60-60	.40-1.80- .88
1853	N. Y.	190	24	M.	60-60-60	.38-1.00- .67	1875	Pa	380	2 M.	(a)	1.92-2.00-1.96
1854	N. Y.	190	30	M.	60-60-60	.38-1.00- .60	1876	N. Y.	190	27 M.	60-60-60	.50-1.45- .86
1855	N. Y.	190	48	M.	60-60-60	.38-1.00- .60	1876	Pa	381	65 M.	(a)	.45-2.00-1.26
1856	N. Y.	190	42	M.	60-60-60	.38-1.06- .63	1877	N. Y.	190	44 M.	60-60-60	.45-1.50- .97
1857	N. Y.	190	56	M.	60-60-60	.38-1.06- .59	1878	N. Y.	190	62 M.	60-60-60	.45-1.45- .86
1858	N. Y.	190	23	M.	60-60-60	.38- .88- .72	1878	Pa	383	1 M.	(a)	1.60-1.60-1.60
1859	N. Y.	190	49	M.	60-60-60	.38-1.00- .52	1879	N. Y.	190	57 M.	60-60-60	.45-1.30- .74
1860	N. Y.	190	28	M.	60-60-60	.38-1.00- .58	1880	N. Y.	190	72 M.	60-60-60	.55-2.00-1.06
1861	N. Y.	190	24	M.	60-60-60	.38-1.00- .60	1881	N. Y.	190	25 M.	60-60-60	.75-2.00-1.38
1862	N. Y.	190	37	M.	60-60-60	.38-1.19- .64	1882	N. Y.	190	15 M.	60-60-60	1.00-2.00-1.48
1863	N. Y.	190	48	M.	60-60-60	.40-1.50- .70	1882	Pa	2	20 M.	60-60-60	1.00-1.25-1.13
1864	N. Y.	190	42	M.	60-60-60	.50-1.75- .84	1883	N. J	322	6 M.	72-72-72	1.17-1.83-1.58
1865	N. Y.	190	32	M.	60-60-60	.63-1.75- .83	1883	N. Y.	190	12 M.	60-60-60	1.30-2.00-1.77
1866	N. Y.	190	26	M.	60-60-60	.63-1.75- .89	1884	N. J	323	14 M.	g54-72-68	1.50-2.53-1.79

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 5 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAGOUTS, IRON AND STEEL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 N. Y.	190	16 M.	60-60-60	0.68-1.50-1.11
1885 Del.	1	2 M.	60-60-60	1.35-1.35-1.35
1885 N. J	324	4 M.	72-72-72	.67-1.08- .83
1885 N. Y.	1	16 M.	72-72-72	1.62-1.62-1.62
1885 N. Y.	190	12 M.	60-60-60	.61-1.25-1.01
1885 Ohio	1	35 M.	60-72-62	1.05-3.00-1.87
1885 Pa	1	21 M.	48-60-50	1.15-2.00-1.25
1885 Gr't Brit.	1	(a) M.	72-72-72	1.20-1.20-1.20
1886 N. J	325	8 M.	60-60-60	.83-1.19-1.08
1886 N. Y.	190	19 M.	60-60-60	.75-1.50-1.09
1886 England	5	(a) M.	(a)	.63- .63- .63
1887 Md.	4	11 M.	(a)	1.00-1.50-1.24
1887 N. Y.	190	4 M.	60-60-60	.75-1.10- .93
1887 Ohio	369	64 M.	60-60-60	1.25-2.34-1.45
1887 Pa	390	22 M.	(a)	1.05-3.65-2.10
1888 N. J	326	4 M.	(a)	1.67-1.67-1.67
1888 N. Y.	331	2 M.	60-60-60	.77- .77- .77
1888 Tenn.	5	4 M.	(a)	1.25-1.25-1.25
1888 England	5	(a) M.	(a)	.26- .65- —
1888 Scotland	5	(a) M.	66-66-66	.97- .97- .97
1889 Ala	5	4 M.	54-54-54	1.83-1.83-1.83
1889 Del.	5	6 M.	60-60-60	1.40-1.40-1.40
1889 Ill.	5	24 M.	b72-72-72	1.00-2.15-1.69
1889 Ind	5	3 M.	66-72-68	1.55-1.84-1.74
1889 Md.	5	2 M.	60-60-60	1.25-1.25-1.25
1889 Mo.	5	19 M.	(a)	1.50-3.50-2.05
1889 N. Y.	5	10 M.	60-60-60	1.00-2.01-1.60
1889 N. Y.	190	4 M.	60-60-60	.77- .77- .77
1889 Ohio	5	26 M.	c44-66-55	1.15-2.15-1.64
1889 Pa	5	77 M.	55-66-60	.75-2.80-1.72
1889 Va	5	4 M.	55-55-55	1.68-1.68-1.68
1889 W. Va	5	4 M.	(a)	1.75-1.75-1.75
1889 Belgium	5	(a) M.	62-72 —	.27- .69- —
1889 England	5	(a) M.	d54-54-54	.57- .97- —
1889 Germany	5	(a) M.	(a)	.40- .74- —
1889 Scotland	5	(a) M.	66-66-66	.61- .61- .61
1890 Ala	5	2 M.	60-60-60	1.50-1.50-1.50
1890 N. Y.	190	4 M.	60-60-60	1.00-1.00-1.00
1890 N. Y.	333	1 M.	(a)	1.75-1.75-1.75
1890 Wis	5	2 M.	55-55-55	2.00-2.00-2.00
1891 N. Y.	333	5 M.	(a)	1.75-2.08-2.01
1892 Mo.	301	3 M.	48-48-48	2.25-2.25-2.25
1892 Ohio	373	105 (a)	48-72-57	1.00-3.00-1.68
1895 Mo.	304	6 M.	(a)	1.76-2.47-1.90
1895 Ohio	376	112 M.	48-72-61	.90-2.70-1.52
1896 Pa	8	4 M.	72-72-72	2.75-2.75-2.75
1897 Ohio	377	134 (a)	48-72-59	.75-4.00-1.58
1897 Pa	395	3 M.	(a)	1.19-1.47-1.30
1898 Ohio	18	16 M.	(a)	1.20-1.60-1.33
1898 Pa	18	28 M.	(a)	1.25-2.45-1.65
1899 Ohio	18	16 M.	(a)	1.50-2.60-1.70
1899 Pa	18	39 M.	(a)	1.40-2.56-1.88

DRAINERS, CANNED GOODS.

1851 Md.	8	1 M.	60-60-60	1.00-1.00-1.00	1894 Md.	8	2 M.	60-72-66	1.25-1.25-1.25
1855 Md.	8	1 M.	60-60-60	1.00-1.00-1.00					

DRAPERS.

1886 Ill.	7	6 M.	54-54-54	2.50-3.00-2.67	1891 N. Y.	333	1 M.	(a)	2.00-2.00-2.00
1886 Md.	3	2 F.	60-60-60	.67-1.50-1.09	1894 Ind	228	2 F.	57-57-57	.58-1.17- .88
1886 Mo.	3	1 F.	54-54-54	1.50-1.50-1.50	1894 Australia	425	(a) M.	(a)	1.22-3.24- —
1886 N. Y.	3	1 F.	54-54-54	1.67-1.67-1.67	1894 Australia	425	(a) F.	(a)	.61-2.43- —
1887 Cal.	3	4 F.	48-53-51	1.50-2.00-1.88	1894 France	506	(a) F.	72-72-72	.87- .87- .87
1887 Ill.	3	2 F.	54-54-54	1.17-1.67-1.42	1895 Australia	426	(a) M.	(a)	1.22-3.24- —
1887 Ky	3	1 F.	61-61-61	1.17-1.17-1.17	1895 Australia	426	(a) F.	(a)	.61-2.43- —
1887 Mont.	3	1 F.	C0-60-60	1.25-1.25-1.25	1896 Ill.	7	8 M.	54-54-54	2.50-3.00-2.63
1887 N. Y.	3	4 F.	c52-57-55	1.17-2.00-1.54	1896 Australia	427	(a) M.	(a)	1.22-2.43- —
1888 Cal.	194	6 F.	48-54-50	1.50-2.00-1.83	1896 Australia	427	(a) F.	(a)	.61-1.62- —
1888 Ind	3	1 F.	57-57-57	1.00-1.00-1.00	1897 Australia	418	(a) (a)	(a)	1.01-3.24- —
1888 C. of G'd H.	484	(a) M.	(a)	.75-2.33- —	1897 Australia	428	(a) M.	(a)	.61-3.04- —
1889 Australia	422	(a) M.	C0-60-60	1.62-4.06- —	1897 Australia	428	(a) F.	(a)	.49-2.43- —
1890 N. Y.	333	7 M.	(a)	2.00-2.00-2.00	1898 Australia	419	(a) (a)	(a)	1.01-3.24- —
1890 Australia	423	(a) (a)	60-60-60	1.62-4.06- —	1898 Australia	429	(a) M.	(a)	.61-3.04- —
1890 C. of G'd H.	484	(a) M.	(a)	.37-4.66- —	1898 Australia	429	(a) F.	(a)	.49-1.62- —

DRAWBRIDGE TENDERS.

1887 Conn.	4	5 M.	(a)	1.25-2.07-1.53	1887 N. J	4	30 M.	(a)	1.05-1.48-1.31
1887 Mass	4	2 M.	(a)	1.50-1.73-1.62					

a Not reported.
b Not including hours of 10 persons not reported.
c Not including hours of 2 persons not reported.
d Applies to but 1 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS, BRASS AND COPPER.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	629	(a)	(a)	(a)	0.85-0.85-0.85	1887 Conn.....	202	71	M.	(a)	1.66-1.66-1.66
1885 Germany .	547	(a)	M.	(a)	.65-1.25- —	1891 N. Y.....	333	11	M.	(a)	1.67-2.83-2.11

DRAWERS, BRUSHES.

1881 Ohio	363	1	M.	60-60-60	1.25-1.25-1.25	1890 N. Y.....	333	228	M.	(a)	.33-3.00- .69
1883 R. I	7	6	F.	60-60-60	1.18-1.67-1.38	1890 N. Y.....	333	95	F.	(a)	.23- .25- .24
1884 N. J	323	14	F.	60-60-60	.83- .83- .83	1891 N. Y.....	333	181	M.	(a)	.33-3.00- .73
1884 W. Va.....	7	10	F.	90-90-90	.50- .67- .58	1891 N. Y.....	333	128	F.	(a)	.23- .25- .23
1885 N. J	7	6	F.	48-48-48	.83-1.00- .92	1894 N. Y.....	8	5	F.	60-60-60	1.25-1.25-1.25
1885 N. J	324	22	F.	60-60-60	.25- .71- .42	1895 N. J	7	6	F.	48-48-48	.67-1.17- .83
1886 Md.....	3	3	F.	60-60-60	.67- .75- .72	1895 R. I	7	6	F.	60-60-60	.93-1.23-1.10
1886 Mich.....	7	101	F.	48-48-48	.54-1.25- .83	1896 Colo	200	6	M.	54-54-54	1.00-1.00-1.00
1887 Mass	3	5	F.	44-54-48	.67-1.00- .90	1896 Mich.....	7	8	M.	59-59-59	1.12-1.52-1.33
1887 N. Y.....	3	2	F.	53-59-56	.75- .79- .77	1896 Mich.....	7	78	F.	59-59-59	.43-1.50- .99
1887 Ohio	3	4	F.	56-56-56	.50- .67- .58	1896 Ohio	377	3	M.	60-60-60	.55- .55- .55
1888 Ind	3	1	F.	58-58-58	.83- .83- .83	1896 W. Va.....	7	4	F.	60-60-60	.50- .58- .54
1888 N. Y.....	331	11	M.	(a)	.88-1.17- .99						

DRAWERS, CLAY AND POTTERY PRODUCTS.

1892 Ohio	373	64	(a)	b 35-60-50	.75-3.00-1.53	1896 Ohio	377	16	M.	48-48-48	1.37-1.37-1.37
1892 Russia	692	(a)	(a)	(a)	.18- .72- —						

DRAWERS, COAL MINING.

1838 England ..	625	(a)	M.	(a)	.10- .36- —	1841 Scotland ..	625	(a)	(a)	(a)	.16- .36- —
1838 England ..	625	(a)	F.	(a)	.08- .16- —	1849 England ..	562	(a)	M.	50-50-50	.36- .57- —
1839 England ..	562	(a)	M.	50-50-50	.49- .69- —	1859 England ..	562	(a)	M.	50-50-50	.49- .69- —
1839 England ..	625	(a)	M.	(a)	.28- .28- .28	1868 England ..	567	(a)	M.	60-60-60	.70-1.10- —
1840 England ..	625	(a)	M.	(a)	.12- .32- —	1880 Scotland ..	571	(a)	M.	60-60-60	.76- .76- .76
1840 England ..	625	(a)	F.	(a)	.14- .28- —	1892 England ..	632	(a)	M.	(a)	.49- .49- .49
1841 England ..	625	(a)	M.	c 48-60 —	.12- .55- —	1892 Scotland ..	632	(a)	M.	54-54-54	.97-1.34- —
1841 England ..	625	(a)	F.	54-54-54	.20- .20- .20						

DRAWERS, GLASS.

1865 England ..	627	(a)	M.	(a)	.10- .20- —	1884 Italy	178	(a)	M.	84-84-84	.51- .80- —
1865 England ..	627	(a)	F.	(a)	.17- .24- —	1892 Russia	692	(a)	(a)	(a)	.32-1.45- —
1865 Ireland ...	627	(a)	M.	(a)	.20- .20- .20	1894 France....	129	(a)	M.	60-60-60	.97-1.45- —

DRAWERS' HELPERS, TEXTILES.

1871 England ..	629	(a)	(a)	60-60-60	.20- .20- .20	1884 France....	178	(a)	(a)	72-72-72	.34- .45- —
1882 Belgium ..	36	(a)	F.	72-72-72	.57- .57- .57	1885 France....	1	(a)	M.	66-66-66	.20- .20- .20
1882 France....	33	(a)	(a)	(a)	.34- .97- —	1893 Scotland ..	632	(a)	F.	(a)	.22- .41- —

a Not reported.
b Not including hours of 8 persons not reported.
c Applies to but 12 of the 14 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS-IN HELPERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	1	2 F.	60-60-60	0.42-0.42-0.42
1886 Pa.	7	11 M.	60-60-60	.58-1.42-.76
1886 Ireland	600	(a) M.	57-57-57	.36-.36-.36
1886 Ireland	600	(a) F.	57-57-57	.29-.29-.29
1886 Scotland	600	(a) F.	57-57-57	.26-.26-.26
1890 Scotland	6	(a) F.	56-56-56	0.26-0.26-0.26
1894 N. Y.	8	1 M.	60-60-60	.65-.65-.65
1895 N. Y.	8	1 F.	60-60-60	.67-.67-.67
1896 Pa.	7	13 M.	60-60-60	.50-1.33-.63

DRAWERS-IN, TEXTILES.

1842	Mass.	190	21	F.	78-78-78	.40-.45-.43	1866	Mass.	190	18	F.	66-72-70	.67-1.12-.88
1843	Mass.	190	16	F.	78-78-78	.40-.45-.42	1866	N. Y.	190	2	F.	72-72-72	1.10-1.10-1.10
1844	Mass.	190	8	F.	78-78-78	.42-.44-.42	1867	Conn.	190	1	F.	66-66-66	1.50-1.50-1.50
1845	Mass.	190	8	F.	78-78-78	.42-.46-.43	1867	Ga.	7	4	F.	66-66-66	.65-.65-.65
1846	Mass.	190	9	F.	78-78-78	.42-.50-.44	1867	Mass.	190	15	F.	66-72-70	.67-1.30-1.03
1847	Mass.	190	12	F.	78-78-78	.42-.45-.43	1867	N. H.	7	1	F.	66-66-66	.79-.79-.79
1848	Mass.	190	17	F.	75-78-77	.40-.82-.51	1867	N. Y.	190	2	F.	72-72-72	1.20-1.20-1.20
1849	Mass.	190	12	F.	75-78-77	.34-.83-.53	1868	Conn.	190	1	F.	66-66-66	1.25-1.25-1.25
1850	Mass.	190	15	F.	75-78-77	.34-.85-.60	1868	Mass.	190	16	F.	66-66-66	.67-1.28-.98
1850	R. I.	190	1	F.	84-84-84	1.00-1.00-1.00	1868	N. Y.	190	2	F.	66-66-66	1.25-1.25-1.25
1851	Mass.	190	14	F.	75-78-76	.38-.80-.61	1869	Conn.	190	1	F.	66-66-66	1.25-1.25-1.25
1851	R. I.	190	1	F.	84-84-84	1.00-1.00-1.00	1869	Mass.	190	17	F.	66-66-66	.67-1.23-.98
1852	Mass.	190	15	F.	75-78-77	.30-.85-.57	1869	N. Y.	190	2	F.	66-66-66	1.30-1.30-1.30
1852	R. I.	190	1	M.	84-84-84	1.50-1.50-1.50	1870	Conn.	190	1	F.	66-66-66	1.25-1.25-1.25
1853	Mass.	190	21	F.	75-78-77	.38-.84-.54	1870	Mass.	190	20	F.	66-66-66	.62-1.23-.95
1853	N. Y.	190	2	F.	72-72-72	.50-.50-.50	1870	N. Y.	190	2	F.	66-66-66	1.20-1.20-1.20
1853	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1870	Norway	610	(a) M.		(a)	.36-.54-—
1854	Mass.	190	19	F.	66-78-75	.38-.72-.52	1871	Conn.	190	2	F.	66-66-66	1.25-1.25-1.25
1854	N. Y.	190	2	F.	72-72-72	.80-.80-.80	1871	Mass.	190	29	F.	66-66-66	.62-1.15-.88
1854	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1871	N. Y.	190	2	F.	66-66-66	1.10-1.10-1.10
1855	Mass.	190	20	F.	66-78-75	.30-.85-.57	1871	England	629	(a) M.		60-60-60	.97-.97-.97
1855	N. Y.	190	2	F.	72-72-72	.70-.70-.70	1871	England	629	(a) F.		60-60-60	.61-.61-.61
1855	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1871	Norway	185	(a) (a)		(a)	.35-.53-—
1856	Mass.	190	4	F.	66-66-66	.84-.84-.84	1872	Conn.	190	2	F.	66-66-66	1.25-1.25-1.25
1856	N. Y.	190	2	F.	72-72-72	.65-.65-.65	1872	Mass.	190	24	F.	66-66-66	.62-1.31-1.01
1856	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1872	N. Y.	190	2	F.	66-66-66	1.20-1.20-1.20
1857	Mass.	190	4	F.	66-66-66	.84-.84-.84	1872	England	185	(a) (a)		(a)	1.17-1.17-1.17
1857	N. Y.	190	2	F.	72-72-72	.65-.65-.65	1873	Conn.	190	2	F.	66-66-66	1.25-1.30-1.28
1857	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1873	Mass.	190	23	F.	66-66-66	.58-1.24-.95
1858	Mass.	190	12	F.	66-78-73	.42-.86-.64	1873	N. Y.	190	2	F.	66-66-66	1.30-1.30-1.30
1858	N. Y.	190	2	F.	72-72-72	.60-.60-.60	1874	Conn.	190	4	F.	66-66-66	1.00-1.38-1.26
1858	R. I.	190	1	F.	84-84-84	1.04-1.04-1.04	1874	Mass.	190	22	F.	66-66-66	.58-1.29-.94
1859	Conn.	190	1	F.	72-72-72	.58-.58-.58	1874	N. Y.	190	2	F.	66-66-66	1.08-1.08-1.08
1859	Me.	7	1	F.	(a)	.50-.50-.50	1875	Conn.	190	4	F.	66-66-66	1.00-1.25-1.11
1859	Mass.	190	16	F.	66-78-74	.38-.84-.58	1875	Mass.	190	14	F.	60-60-60	.58-1.56-1.01
1859	N. Y.	190	2	F.	72-72-72	.65-.65-.65	1875	Mass.	270	2	M.	(a)	1.26-1.26-1.26
1859	R. I.	190	1	F.	84-84-84	1.00-1.00-1.00	1875	Mass.	270	4	F.	(a)	.88-1.25-.97
1860	Mass.	190	16	F.	66-78-74	.40-.80-.57	1875	N. Y.	190	2	F.	66-66-66	1.20-1.20-1.20
1860	N. Y.	190	3	F.	72-72-72	.62-.62-.62	1876	Conn.	190	4	F.	66-66-66	1.00-1.20-1.10
1860	Pa.	8	3	M.	60-60-60	.50-1.20-.90	1876	Mass.	190	16	F.	60-60-60	.58-1.43-.94
1860	R. I.	190	1	F.	78-78-78	1.00-1.00-1.00	1876	N. H.	7	1	F.	66-66-66	1.00-1.00-1.00
1861	Conn.	190	1	F.	72-72-72	.62-.62-.62	1876	N. Y.	190	2	F.	66-66-66	1.05-1.05-1.05
1861	Mass.	190	13	F.	66-78-74	.30-.80-.57	1876	Pa.	381	1	M.	(a)	1.83-1.83-1.83
1861	N. Y.	190	2	F.	72-72-72	.60-.60-.60	1876	Pa.	381	3	F.	(a)	.66-.83-.77
1861	R. I.	190	1	F.	78-78-78	1.00-1.00-1.00	1876	Pa.	382	2	F.	(a)	.89-.89-.89
1862	Conn.	190	1	F.	72-72-72	.74-.74-.74	1876	S. C.	7	4	F.	66-66-66	.50-.60-.55
1862	Mass.	190	13	F.	66-72-70	.40-.94-.63	1877	Conn.	190	2	F.	66-66-66	1.12-1.25-1.19
1862	N. Y.	190	2	F.	72-72-72	.50-.50-.50	1877	Ga.	8	6	F.	66-66-66	.40-1.00-.77
1862	R. I.	190	1	F.	78-78-78	1.04-1.04-1.04	1877	Me.	7	10	F.	66-66-66	.58-1.12-.83
1863	Conn.	190	1	F.	72-72-72	.74-.74-.74	1877	Mass.	190	15	F.	60-60-60	.50-1.37-.85
1863	Mass.	190	9	F.	66-72-69	.40-.86-.69	1877	N. Y.	190	2	F.	66-66-66	.80-.80-.80
1863	R. I.	190	1	F.	78-78-78	1.04-1.04-1.04	1877	England	570	(a) M.		57-57-57	.93-1.16-—
1864	Conn.	190	1	F.	72-72-72	.83-.83-.83	1877	England	570	(a) F.		28-57 —	.12-.59-—
1864	Mass.	190	13	F.	66-72-70	.44-.82-.66	1877	Ireland	570	(a) F.		56-56-56	.41-.41-.41
1864	R. I.	190	1	F.	78-78-78	1.04-1.04-1.04	1878	Conn.	190	3	F.	66-66-66	1.10-1.52-1.38
1865	Conn.	190	1	F.	66-66-66	1.25-1.25-1.25	1878	Mass.	190	19	F.	60-60-60	.50-1.36-.86
1865	Mass.	190	16	F.	66-72-70	.50-.86-.68	1878	N. H.	7	3	M.	60-60-60	.75-.90-.83
1865	N. Y.	190	2	F.	72-72-72	1.00-1.00-1.00	1878	N. H.	7	2	F.	60-60-60	.50-.90-.70
1865	R. I.	190	1	F.	78-78-78	1.04-1.04-1.04	1878	N. Y.	190	2	F.	66-66-66	85-.85-.85
1866	Conn.	190	1	F.	66-66-66	1.38-1.38-1.38	1879	Conn.	190	1	F.	66-66-66	1.48-1.48-1.48

(a) Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS-IN, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 Mass	190	28 F.	60-60-60	0.45-1.42-0.88
1879 N. Y	190	2 F.	66-66-66	.86- .86- .86
1879 Pa	384	4 F.	66-66-66	.75- .75- .75
1879 Pa	384	2 (a)	60-60-60	1.75-1.75-1.75
1880 Conn	190	2 F.	66-66-66	1.53-1.53-1.53
1880 Ga	7	15 F.	b 66-69-67	.45- .90- .62
1880 Me	271	1 (a)	66-66-66	1.00-1.00-1.00
1880 Mass	190	30 F.	60-60-60	.45-1.50- .95
1880 Mass	271	6 (a)	60-63-61	.75-1.00- .90
1880 N. H	271	1 (a)	66-66-66	1.00-1.00-1.00
1880 N. Y	190	2 F.	66-66-66	.90- .90- .90
1880 R. I	271	1 (a)	66-66-66	1.17-1.17-1.17
1880 Va	7	4 F.	68-68-68	.55- .55- .55
1880 England	571	(a) F.	56-56-56	.51- .51- .51
1881 Conn	190	2 F.	66-66-66	1.83-1.83-1.83
1881 Ga	7	2 F.	66-66-66	.75-1.00- .88
1881 Mass	190	35 F.	60-60-60	.45-1.35- .95
1881 N. H	7	2 M.	65-65-65	1.55-1.56-1.55
1881 N. H	7	68 F.	65-65-65	.60-1.44-1.00
1881 N. Y	190	2 F.	66-66-66	1.05-1.05-1.05
1881 S. C	7	4 F.	72-72-72	.50- .50- .50
1882 Conn	190	2 F.	66-66-66	1.63-1.63-1.63
1882 Ga	7	6 F.	72-72-72	.75- .90- .84
1882 Mass	190	28 F.	60-60-60	.45-1.22- .88
1882 N. H	7	47 F.	66-66-66	.51-1.56- .97
1882 N. Y	190	2 F.	66-66-66	1.17-1.17-1.17
1882 N. C	7	1 M.	65-65-65	.58- .58- .58
1882 N. C	7	1 F.	72-72-72	.60- .60- .60
1882 S. C	7	5 F.	c 69-69-69	.75- .80- .79
1882 Italy	33	(a) (a)	66-66-66	.23- .29- —
1883 Ala	7	4 F.	(a)	.72- .94- .82
1883 Conn	190	2 F.	66-66-66	2.32-2.32-2.32
1883 Ga	7	19 F.	d 66-69-68	.83-1.10- .99
1883 Mass	190	32 F.	60-60-60	.40-1.43- .90
1883 Mass	273	5 M.	(a)	1.05-1.05-1.05
1883 Mass	273	145 F.	(a)	.50-1.46- .99
1883 Miss	7	3 F.	(a)	.78- .84- .81
1883 N. Y	190	2 F.	66-66-66	.90- .90- .90
1883 Tenn	7	12 F.	66-66-66	.40- .55- .50
1883 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1883 England	572	(a) M.	57-57-57	1.05-1.22- —
1883 England	572	(a) F.	56-57 —	.49- .61- —
1883 Ireland	572	(a) F.	56-56-56	.37- .37- .37
1884 Conn	190	2 F.	66-66-66	2.02-2.02-2.02
1884 Ga	7	2 M.	70-70-70	.75- .75- .75
1884 Ga	7	14 F.	66-70-69	.67-1.00- .80
1884 Ky	7	8 F.	66-66-66	.40- .55- .47
1884 La	7	9 F.	63-66-64	.75-1.06- .92
1884 Mass	190	27 F.	60-60-60	.45-1.33- .94
1884 N. H	7	4 F.	60-60-60	.61-1.09- .89
1884 N. Y	190	2 F.	66-66-66	.94- .94- .94
1884 N. C	7	2 M.	72-72-72	.55- .55- .55
1884 N. C	7	1 F.	69-69-69	.40- .40- .40
1884 R. I	3	1 F.	(a)	1.17-1.17-1.17
1884 S. C	7	2 M	69-69-69	.67- .67- .67
1884 S. C	7	13 F.	(a)	.85- .85- .85
1884 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1884 Canada	466	(a) F.	59-61 —	.53-1.01- —
1885 Ala	7	2 M.	63-63-63	.90- .90- .90
1885 Ala	7	7 F.	(a)	.49- .71- .60
1885 Conn	1	2 F.	66-69-68	1.15-1.20-1.18
1885 Conn	190	3 F.	66-66-66	1.70-1.70-1.70
1885 Del	1	4 M.	60-60-60	.50-1.25- .88
1885 Ga	1	10 F.	69-69-69	.55- .55- .55
1885 Ind	1	3 M.	66-66-66	.92- .92- .92
1885 Ind	1	10 F.	66-66-66	.50- .84- .66
1885 Me	1	6 F.	66-66-66	.90-1.32-1.11
1885 Me	7	8 F.	66-66-66	.50-1.32- .91
1885 Md	1	2 F.	66-66-66	.80- .80- .80
1885 Mass	1	1 M.	60-60-60	.75- .75- .75
1885 Mass	1	71 F.	60-60-60	0.57-1.37-0.83
1885 Mass	7	7 F.	60-60-60	.95-1.25-1.08
1885 Mass	190	26 F.	60-60-60	.45-1.15- .92
1885 N. H	7	1 M.	60-60-60	.75- .75- .75
1885 N. H	7	4 F.	66-66-66	.81-1.16- .93
1885 N. Y	1	4 M.	66-66-66	.55-1.50-1.03
1885 N. Y	1	22 F.	60-66-65	.60-1.40-1.00
1885 N. Y	7	1 M.	60-60-60	.50- .50- .50
1885 N. Y	7	38 F.	60-60-60	.42- .71- .62
1885 N. Y	190	2 F.	66-66-66	.80- .80- .80
1885 N. C	1	6 M.	69-69-69	.65- .75- .72
1885 N. C	7	1 M.	66-66-66	.40- .40- .40
1885 N. C	7	2 F.	(a)	.70- .70- .70
1885 R. I	7	1 F.	60-60-60	1.00-1.00-1.00
1885 Tenn	7	2 F.	66-66-66	1.00-1.00-1.00
1885 Vt	1	6 F.	66-66-66	.90- .90- .90
1885 Va	1	2 F.	66-66-66	.75-1.10- .93
1885 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1885 Gr't Brit	1	(a) M.	60-60-60	.86-1.27- —
1886 Conn	190	2 F.	66-66-66	1.44-1.44-1.44
1886 Ind	7	1 F.	60-60-60	.25- .25- .25
1886 Iowa	7	1 F.	60-60-60	.75- .75- .75
1886 Mass	190	29 F.	60-60-60	.65-1.24- .98
1886 N. H	7	45 F.	60-60-60	.43-1.19- .82
1886 N. Y	190	3 F.	66-66-66	.84- .84- .84
1886 Pa	7	4 M.	60-60-60	1.83-2.00-1.96
1886 Pa	7	1 F.	60-60-60	1.17-1.17-1.17
1886 R. I	3	2 F.	60-60-60	1.00-1.33-1.17
1886 Br. India	459	(a) (a)	(a)	.06- .06- .06
1886 Canada	468	(a) M.	60-61 —	.64- .94- —
1886 Canada	468	(a) F.	60-61 —	.45- .70- —
1886 England	600	(a) M.	57-57-57	.29-1.27- —
1886 England	600	(a) F.	57-57-57	.43- .87- —
1886 Ireland	600	(a) F.	57-57-57	.42- .43- —
1886 Scotland	600	(a) M.	57-57-57	1.24-1.24-1.24
1886 Scotland	600	(a) F.	57-57-57	.38- .51- —
1886 Scotland	601	(a) F.	56-56-56	.48- .52- —
1887 Conn	190	2 F.	60-60-60	1.40-1.40-1.40
1887 Conn	202	1 M.	(a)	.83- .83- .83
1887 Conn	202	36 F.	(a)	.91-1.08- .94
1887 Ga	3	7 F.	66-72-67	.46- .83- .65
1887 La	3	2 F.	60-60-60	.67- .75- .71
1887 Mass	6	8 F.	(a)	.78-1.22-1.02
1887 Mass	190	32 F.	60-60-60	.50-1.20- .91
1887 N. Y	3	2 F.	57-58-58	.83-1.00- .92
1887 N. Y	7	3 F.	60-60-60	.70- .80- .75
1887 N. Y	190	3 F.	60-60-60	.80- .80- .80
1887 Wis	409	11 (a)	(a)	.75- .95- .93
1887 Br. India	459	(a) (a)	(a)	.05½-.05½-.05½
1887 Germany	6	(a) M.	(a)	.55- .55- .55
1887 Germany	6	(a) F.	(a)	.26- .43- —
1887 Germany	6	(a) (a)	(a)	.48- .48- .48
1888 Cal	194	3 M.	(a)	1.00-1.00-1.00
1888 Conn	6	1 M.	(a)	.75- .75- .75
1888 Conn	6	7 F.	(a)	1.12-1.50-1.19
1888 Conn	190	6 F.	60-60-60	1.78-1.78-1.78
1888 Del	6	2 M.	(a)	.58- .83- .71
1888 Ga	3	2 F.	70-71-71	.83- .83- .83
1888 Ga	6	16 M.	66-66-66	.15- .80- .48
1888 Ga	6	49 F.	c 66-66-66	.22-1.20- .65
1888 Ga	6	1 (a)	(a)	.32- .32- .32
1888 Me	254	3 F.	60-60-60	.86- .90- .88
1888 Mass	190	33 F.	60-60-60	.50-1.12- .89
1888 N. H	6	1 M.	(a)	.78- .78- .78
1888 N. J	6	1 F.	(a)	1.67-1.67-1.67
1888 N. Y	6	42 F.	60-60-60	.46-1.00- .85
1888 N. Y	190	3 F.	60-60-60	.80- .80- .80
1888 N. Y	331	11 M.	(a)	.90-1.19-1.10
1888 N. C	6	1 M.	(a)	1.75-1.75-1.75
1888 Pa	6	1 F.	(a)	.42- .42- .42

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS-IN, TEXTILES—Continued.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1888 R. I	6	1 M.	60-60-60	0.70-0.70-0.70
1888 R. I	6	29 F.	a60-60-60	1.00-1.93-1.41
1888 Va	6	6 F.	b60-60-60	.75-1.54-1.07
1888 Br. India	459	(c) (c)	(c)	.05½-.05½-.05½
1888 Canada	470	(c) M.	60-60-60	1.02-1.02-1.02
1888 Canada	470	(c) F.	56-60 —	.47- .77- —
1888 Germany	6	(c) M.	(c)	.33- .59- —
1888 Germany	6	(c) F.	(c)	.29- .61- —
1889 Cal	6	5 M.	(c)	.90-1.25-1.13
1889 Conn	6	4 M.	60-60-60	1.95-1.95-1.95
1889 Conn	6	18 F.	d60-60-60	.50-1.67-1.10
1889 Conn	190	5 F.	60-60-60	1.70-1.70-1.70
1889 Ga	6	13 F.	66-66-66	.55- .55- .55
1889 Me	6	3 M.	(c)	.50- .53- .51
1889 Me	6	68 F.	e60-60-60	.45-1.50- .95
1889 Me	6	15 (c)	56-60-56	.84- .94- .85
1889 Md	6	26 M.	(c)	.37- .84- .59
1889 Md	6	14 F.	(c)	.24- .60- .35
1889 Mass	6	198 F.	f60-60-60	.56-1.06- .88
1889 Mass	190	31 F.	60-60-60	.50-1.15- .93
1889 Mo	6	1 F.	(c)	.84- .84- .84
1889 N. H	6	14 M.	g60-60-60	.97-1.30-1.15
1889 N. H	6	116 F.	60-60-60	.39-1.19- .76
1889 N. Y	6	60 F.	h60-60-60	.65-1.90-1.03
1889 N. Y	190	3 F.	60-60-60	.85- .85- .85
1889 N. C	6	4 M.	69-69-69	.75- .75- .75
1889 R. I	6	5 M.	(c)	.70-1.30-1.12
1889 R. I	6	22 F.	(c)	.79-1.76-1.22
1889 R. I	398	54 F.	60-60-60	.50-1.75-1.07
1889 S. C	6	7 F.	66-66-66	.78- .78- .78
1889 Tenn	6	1 M.	66-66-66	.80- .80- .80
1889 Tenn	6	4 F.	66-66-66	.90- .90- .90
1889 Tenn	6	7 (c)	66-66-66	.85- .85- .85
1889 Va	6	1 M.	(c)	.60- .60- .60
1889 Va	6	7 F.	(c)	.55- .65- .59
1889 Br. India	459	(c) (c)	(c)	.05½-.05½-.05½
1889 Canada	471	(c) M.	60-60-60	.89- .89- .89
1889 Canada	471	(c) F.	57-60 —	.67- .67- .67
1889 England	6	(c) M.	57-57-57	.89-1.22- —
1889 England	6	(c) (c)	(c)	.93- .93- .93
1889 France	6	(c) M.	(c)	.26- .26- .26
1889 France	6	(c) F.	(c)	.20- .47- —
1890 Ala	6	15 F.	i63-69-66	.90-1.67-1.15
1890 Conn	6	6 M.	(c)	1.25-1.25-1.25
1890 Conn	6	13 F.	(c)	1.25-1.25-1.25
1890 Conn	190	4 F.	60-60-60	1.92-1.92-1.92
1890 Ky	6	7 (c)	66-66-66	.80- .80- .80
1890 La	6	2 M.	(c)	1.25-1.25-1.25
1890 Me	6	5 F.	j60-60-60	1.00-1.42-1.17
1890 Mass	6	1 F.	(c)	1.25-1.25-1.25
1890 Mass	190	35 F.	60-60-60	.50-1.12- .92
1890 Miss	6	3 F.	66-66-66	.90- .90- .90
1890 Mo	6	3 F.	(c)	.50-1.25- .82
1890 N. H	6	3 F.	60-60-60	1.50-1.60-1.53
1890 N. J	6	5 F.	i60-60-60	.50- .60- .54
1890 N. Y	6	4 F.	60-60-60	.60- .95- .83
1890 N. Y	190	2 F.	60-60-60	.97- .97- .97
1890 N. Y	333	4 M.	(c)	.95-1.00- .99
1890 N. C	6	7 F.	69-69-69	.40- .80- .62
1890 N. C	6	1 (c)	(c)	.60- .60- .60
1890 R. I	6	4 F.	(c)	1.38-1.74-1.54
1890 Tenn	6	2 F.	69-69-69	1.18-1.18-1.18
1890 Br. India	459	(c) (c)	(c)	.08½-.08½-.08½
1890 Ireland	99	(c) F.	57-57-57	.43- .43- .43
1890 Scotland	6	(c) M.	56-56-56	.59- .59- .59
1891 Conn	190	6 F.	60-60-60	1.75-1.94-1.91
1891 Me	257	2 F.	60-60-60	1.00-1.00-1.00
1891 Mass	190	41 F.	60-60-60	0.50-1.25-0.89
1891 N. J	6	3 F.	60-60-60	.90-1.00- .93
1891 N. Y	6	4 F.	60-60-60	.67-1.00- .79
1891 N. Y	190	2 F.	60-60-60	.93- .93- .93
1891 N. Y	333	15 M.	(c)	.42-1.00- .67
1891 Br. India	459	(c) (c)	(c)	.07½-.07½-.07½
1892 Conn	190	9 F.	60-60-60	1.15-2.12-1.67
1892 Me	258	4 M.	60-60-60	.85- .91- .90
1892 Me	258	105 F.	60-60-60	.67-1.25- .95
1892 Mass	20	1 M.	60-60-60	.85- .85- .85
1892 Mass	20	6 F.	60-60-60	1.00-1.00-1.00
1892 Mass	190	10 M.	58-58-58	1.23-1.23-1.23
1892 Mass	190	45 F.	58-58-58	1.02-1.22-1.14
1892 N. Y	20	2 F.	60-60-60	.90- .90- .90
1892 N. Y	190	2 F.	60-60-60	.92- .92- .92
1892 Br. India	459	(c) (c)	(c)	.07½-.07½-.07½
1892 Russia	692	(c) (c)	(c)	.09- .48- —
1893 Mass	20	4 M.	58-58-58	.73- .73- .73
1893 N. J	327	6 F.	b60-60-60	.67-1.00- .82
1893 N. Y	20	2 F.	60-60-60	.72- .78- .75
1893 Ohio	374	1 F.	60-60-60	.83- .83- .83
1893 Br. India	459	(c) (c)	(c)	.06½-.06½-.06½
1894 Ind	228	1 (c)	60-60-60	.91- .91- .91
1894 Mass	20	3 M.	58-58-58	.70- .70- .70
1894 N. Y	8	4 M.	60-66-62	.75-2.25-1.40
1894 N. Y	8	2 F.	60-60-60	.50- .66- .58
1894 N. C	8	4 F.	60-66-63	.80- .80- .80
1894 Ohio	375	1 F.	60-60-60	.83- .83- .83
1894 R. I	401	4 (c)	(c)	.90-1.20-1.06
1894 S. C	8	2 M.	66-66-66	.50-1.25- .88
1894 S. C	8	1 F.	66-66-66	1.00-1.00-1.00
1894 Br. India	459	(c) (c)	(c)	.05½-.05½-.05½
1895 Ala	7	4 M.	63-63-63	1.00-1.00-1.00
1895 Ala	7	23 F.	60-66-62	.20-1.00- .55
1895 Conn	7	4 F.	60-60-60	.42- .83- .58
1895 Ga	7	39 F.	66-66-66	.67-1.20- .92
1895 Ga	8	9 F.	66-66-66	.35-1.00- .70
1895 La	7	17 F.	60-63-62	.74-1.23- .97
1895 Me	7	9 M.	60-60-60	.58-1.96- .89
1895 Me	7	19 F.	60-60-60	.67-1.28-1.01
1895 Mass	7	12 F.	58-58-58	.87-1.69-1.19
1895 Mass	20	4 M.	58-58-58	.70- .70- .70
1895 Miss	7	5 F.	60-60-60	.68- .98- .83
1895 N. H	7	8 M.	60-60-60	.90-1.45-1.20
1895 N. H	7	146 F.	60-60-60	.45-1.71- .97
1895 N. Y	7	1 M.	60-60-60	1.00-1.00-1.00
1895 N. Y	7	56 F.	60-60-60	.44- .75- .65
1895 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00
1895 N. C	7	8 M.	65-72-70	.40- .65- .55
1895 N. C	7	12 F.	69-72-70	.58- .83- .64
1895 N. C	8	10 M.	66-70-67	.75- .85- .79
1895 N. C	8	11 F.	66-69-68	.25- .80- .60
1895 Pa	8	4 M.	60-60-60	1.95-2.75-2.30
1895 R. I	7	13 F.	60-60-60	.67-1.08-1.04
1895 S. C	7	2 M.	66-66-66	.40- .50- .45
1895 S. C	7	81 F.	66-76-66	.40- .85- .77
1895 S. C	8	2 M.	66-66-66	.50-1.25- .88
1895 S. C	8	1 F.	66-66-66	.85- .85- .85
1895 Tenn	7	5 M.	66-66-66	.50- .50- .50
1895 Tenn	7	21 F.	66-66-66	.40-1.05- .52
1895 Va	7	4 F.	60-60-60	.55- .55- .55
1895 Aust-Hun	435	(c) (c)	66-66-66	.37- .61- —
1895 Br. India	459	(c) (c)	(c)	.05½-.05½-.05½
1896 Ga	7	5 M.	66-66-66	.75-1.50-1.05
1896 Ga	7	63 F.	66-66-66	.45-1.25- .75
1896 Ga	8	2 F.	66-66-66	.50- .50- .50
1896 Ind	7	2 M.	60-60-60	1.00-1.25-1.13

a Not including hours of 24 persons not reported.
b Not including hours of 4 persons not reported.
c Not reported.
d Not including hours of 10 persons not reported.
e Not including hours of 38 persons not reported.
f Not including hours of 42 persons not reported.
g Not including hours of 11 persons not reported.
h Not including hours of 16 persons not reported.
i Not including hours of 2 persons not reported.
j Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS-IN, TEXTILES—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates or wages per day (dollars).
1896 Ind	7	9 F.	60-65-64	0.58-0.97-0.78
1896 Iowa	7	1 F.	60-60-60	.70- .70- .70
1896 Ky	7	13 F.	60-60-60	.40- .50- .44
1896 Minn	7	2 F.	60-60-60	1.10-1.10-1.10
1896 N. H	7	58 F.	60-60-60	.50-1.37- .89
1896 N. Y	7	3 F.	60-60-60	.69- .84- .77
1896 N. C	7	2 M.	69-69-69	.45- .48- .46
1896 N. C	7	8 F.	68-69-69	0.40-0.75-0.60
1896 Pa	7	4 M.	60-60-60	1.83-2.00-1.92
1896 Pa	7	19 F.	60-60-60	.42-1.10- .78
1896 S. C	7	6 F.	66-66-66	.65- .83- .73
1896 Br. India	459	(a) (a)	(a)	.06¼-.06½-.06½
1897 Ga	8	9 F.	66-66-66	.40- .80- .67
1897 Aust-Hun	437	(a) (a)	60-60-60	.51- .51- .51

DRAWERS, IRON AND STEEL.

1877	England	570	(a)	M.	50-60 —	.20-1.14- —	1889	Pa	5	6	M.	66-66-66	2.65-2.65-2.65
1880	England	571	(a)	M.	50-54 —	.81-1.22- —	1889	W. Va	5	15	M.	c 66-66-66	2.69-4.02-3.20
1883	England	572	(a)	M.	60-60-60	1.12-1.12-1.12	1889	England	5	(a)	M.	66-66-66	.95- .95- .95
1884	Germany	178	(a)	M.	54-54-54	1.19-1.90- —	1891	France	505	(a)	M.	72-72-72	1.35-1.74- —
1885	Pa	1	45	M.	48-48-48	2.39-2.39-2.39	1892	France	505	(a)	M.	60-72 —	.89-1.45- —
1885	Gr't Brit	1	(a)	M.	72-72-72	1.36-1.36-1.36	1895	Aust-Hun	435	(a)	M.	57-57-57	.95-1.35- —
1886	Italy	633	(a)	M.	60-60-60	.39- .44- —	1895	France	509	(a)	(a)	72-72-72	1.16-1.25- —
1888	W. Va	5	4	M.	66-66-66	2.27-2.27-2.27	1896	Ill	8	3	M.	60-60-60	1.75-1.75-1.75
1889	Ill	5	4	M.	(a)	1.67-2.00-1.83	1897	Pa	8	1	M.	60-60-60	2.50-2.50-2.50
1889	Ohio	5	22	M.	b 66-66-66	1.35-2.98-1.91							

DRAWERS, TEXTILES.

1839	England	562	(a)	M.	69-69-69	.75- .75- .75	1858	Mass	190	17	F.	72-72-72	.40- .68- .48
1839	England	563	(a)	M.	65-65-65	1.22-1.62- —	1858	England	562	(a)	M.	(a)	1.22-1.62- —
1840	Mass	190	17	F.	84-84-84	.33- .50- .42	1859	Mass	190	17	M.	72-72-72	.40- .80- .55
1841	Mass	190	3	M.	84-84-84	.40- .40- .40	1859	Mass	190	21	F.	72-72-72	.26- .70- .47
1841	Mass	190	17	F.	84-84-84	.33- .50- .46	1859	England	562	(a)	M.	60-60-60	.77- .77- .77
1841	England	625	(a)	M.	72-84 —	.10- .12- —	1859	England	563	(a)	M.	60-60-60	1.22-1.62- —
1841	England	625	(a)	F.	d 57-87 —	.02- .18- —	1860	Mass	190	5	M.	72-72-72	.44- .80- .66
1842	Mass	190	1	M.	84-84-84	.48- .48- .48	1860	Mass	190	23	F.	72-72-72	.38- .80- .47
1842	Mass	190	26	F.	84-84-84	.33- .48- .43	1860	England	563	(a)	M.	(a)	1.22-1.62- —
1843	Mass	190	2	M.	84-84-84	.42- .43- .43	1860	Russia	609	(a)	F.	(a)	.14- .14- .14
1843	Mass	190	24	F.	84-84-84	.33- .47- .41	1861	Mass	190	5	M.	66-66-66	.42- .84- .63
1844	Mass	190	22	F.	84-84-84	.38- .47- .42	1861	Mass	190	9	F.	66-66-66	.38-1.00- .59
1845	Mass	190	29	F.	84-84-84	.33- .42- .41	1862	Mass	190	4	M.	66-66-66	.42- .65- .52
1846	Mass	190	36	F.	84-84-84	.38- .42- .40	1862	Mass	190	9	F.	66-66-66	.38- .62- .52
1847	Mass	190	2	M.	84-84-84	.42- .48- .45	1863	Mass	190	3	F.	66-66-66	.44- .50- .46
1847	Mass	190	20	F.	84-84-84	.38- .46- .41	1863	England	565	(a)	F.	(a)	.43- .45- —
1848	Mass	190	2	M.	84-84-84	.42- .45- .44	1864	Mass	190	3	M.	66-66-66	.65- .75- .70
1848	Mass	190	20	F.	84-84-84	.38- .50- .43	1864	Mass	190	19	F.	66-66-66	.40- .92- .55
1849	Mass	190	3	M.	84-84-84	.42- .50- .45	1865	Mass	190	3	M.	66-66-66	.75- .83- .80
1849	Mass	190	10	F.	84-84-84	.38- .48- .44	1865	Mass	190	20	F.	66-66-66	.40- .83- .53
1849	England	562	(a)	M.	60-60-60	.75- .75- .75	1866	Mass	190	7	M.	66-66-66	.96-1.21-1.02
1849	England	563	(a)	M.	60-60-60	1.22-1.62- —	1866	Mass	190	21	F.	66-66-66	.45-1.21- .63
1850	Mass	190	2	M.	84-84-84	.34- .44- .39	1866	England	566	(a)	M.	e 60-60-60	.36-1.42- —
1850	Mass	190	9	F.	84-84-84	.42- .50- .44	1866	England	566	(a)	F.	48-60 —	.34- .61- —
1851	Mass	190	10	F.	84-84-84	.38- .47- .41	1866	Scotland	566	(a)	M.	60-60-60	.81- .81- .81
1851	England	171	(a)	F.	(a)	.28- .28- .28	1866	Scotland	566	(a)	F.	60-60-60	.39- .39- .39
1852	Mass	190	6	F.	72-72 72	.35- .50- .43	1867	Ga	7	6	M.	66-66-66	.60- .65- .62
1853	Mass	190	1	M.	72-72-72	.46- .46- .46	1867	Mass	190	6	M.	66-66-66	.67-1.25-1.03
1853	Mass	190	2	F.	72-72-72	.38- .46- .42	1867	Mass	190	28	F.	66-66-66	.50- .96- .69
1854	Mass	190	1	M.	72-72-72	.46- .46- .46	1868	Mass	190	5	M.	66-66-66	.83- .97- .91
1854	Mass	190	2	F.	72-72-72	.38- .46- .42	1868	Mass	190	27	F.	66-66-66	.45- .96- .67
1855	Mass	190	1	M.	72-72-72	.46- .46- .46	1868	England	567	(a)	M.	f 60-60-60	.41-1.42- —
1855	Mass	190	5	F.	72-72-72	.38- .46- .40	1868	England	567	(a)	F.	48-60 —	.32- .61- —
1856	Mass	190	2	M.	72-72-72	.38- .42- .40	1868	France	33	(a)	F.	(a)	.33- .37- —
1856	Mass	190	13	F.	72-72-72	.38- .55- .43	1869	Mass	190	3	M.	66-66-66	.50- .90- .76
1856	England	561	(a)	F.	(a)	.45- .45- .45	1869	Mass	190	29	F.	66-66-66	.50- .96- .68
1857	Mass	190	14	M.	72-72-72	.38- .72- .50	1869	Russia	185	(a)	F.	(a)	.13- .13- .13
1857	Mass	190	20	F.	72-72-72	.33- .90- .48	1870	Mass	190	6	M.	66-66-66	.94-1.50-1.12
1858	Mass	190	14	M.	72-72-72	.42- .75- .54	1870	Mass	190	45	F.	66-66-66	.45-1.00- .72

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 7 persons not reported.
d Applies to but 58 of the 63 wage quotations.
e Applies to but 4 of the 6 wage quotations.
f Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 France	33	(a) F.	72-72-72	0.29-0.31- —
1870 France	33	(a) (a)	72-72-72	.43- .46- —
1870 Norway	610	(a) M.	(a)	.54- .54- .54
1871 Mass	190	6 M.	66-66-66	.79-1.50-1.20
1871 Mass	190	35 F.	66-66-66	.68-1.27- .85
1871 Mass	267	9 (a)	(a)	.90- .90- .90
1871 England	568	(a) M.	59-59-59	.41-1.62- —
1871 England	629	(a) F.	60-60-60	.36- .43- —
1871 England	629	(a) (a)	30-60-60	.08- .16- —
1871 Norway	185	(a) (a)	(a)	.53- .53- .53
1871 Scotland	629	(a) (a)	60-60-60	.32- .32- .32
1872 Mass	190	3 M.	66-66-66	.86-2.00-1.34
1872 Mass	190	32 F.	66-66-66	.75-1.33- .85
1872 S. C	7	2 M.	72-72-72	.70- .70- .70
1872 S. C	7	6 F.	72-72-72	.70- .70- .70
1872 England	185	(a) M.	60-60-60	.40-1.61- —
1872 England	185	(a) F.	(a)	.46- .46- .46
1872 Germany	185	(a) M.	66-66-66	.48- .48- .48
1873 Mass	190	2 M.	66-66-66	.90-1.00- .95
1873 Mass	190	36 F.	66-66-66	.48-1.50- .83
1874 Mass	190	3 M.	66-66-66	.66- .96- .80
1874 Mass	190	33 F.	66-66-66	.50-1.00- .71
1874 England	569	(a) M.	56-60 —	1.30-1.62- —
1874 England	569	(a) F.	57-57-57	.47- .49- —
1875 Mass	190	2 M.	60-60-60	.50-1.00- .75
1875 Mass	190	34 F.	60-60-60	.40-1.10- .67
1876 Mass	190	1 M.	60-60-60	.68- .68- .68
1876 Mass	190	35 F.	60-60-60	.33-1.00- .63
1876 Pa	381	1 M.	(a)	1.25-1.25-1.25
1876 Pa	381	1 F.	(a)	1.00-1.00-1.00
1876 Pa	382	6 F.	(a)	.67- .89- .74
1877 Mass	190	1 M.	60-60-60	.50- .50- .50
1877 Mass	190	36 F.	60-60-60	.33-1.00- .60
1877 England	171	(a) F.	b53-53-53	.51- .79- —
1877 England	570	(a) M.	54-57 —	.36-1.62- —
1877 England	570	(a) F.	57-57-57	.43- .53- —
1877 Ireland	570	(a) F.	56-56-56	.25- .25- .25
1877 Scotland	570	(a) M.	(a)	.97- .97- .97
1877 Scotland	570	(a) F.	(a)	.49- .49- .49
1878 Mass	190	1 M.	60-60-60	.50- .50- .50
1878 Mass	190	34 F.	60-60-60	.40-1.12- .60
1878 N. H	7	2 M.	60-60-60	.82-1.00- .91
1878 France	33	(a) F.	(a)	.51- .51- .51
1879 Mass	190	7 M.	60-60-60	.50- .70- .61
1879 Mass	190	43 F.	60-60-60	.24-1.00- .60
1879 Pa	384	8 M.	60-60-60	1.60-1.70-1.63
1879 Pa	384	5 F.	66-66-66	.72- .72- .72
1879 Pa	384	13 (a)	(a)	.50- .50- .50
1879 England	25	(a) (a)	56-56-56	.52- .52- .52
1880 Ga	7	4 F.	69-69-69	.70- .70- .70
1880 Mass	190	8 M.	60-60-60	.50-1.00- .66
1880 Mass	190	49 F.	60-60-60	.40-1.00- .68
1880 Pa	7	5 F.	60-60-60	.42- .79- .55
1880 England	25	(a) (a)	56-56-56	.52- .56- —
1880 England	571	(a) F.	56-57 —	.28- .49- —
1880 Scotland	571	(a) M.	56-56-56	.30- .30- .30
1880 Scotland	571	(a) F.	56-56-56	.36- .36- .36
1881 Ga	7	3 F.	66-66-66	.50- .50- .50
1881 Mass	190	9 M.	60-60-60	.50- .70- .62
1881 Mass	190	52 F.	60-60-60	.40-1.00- .69
1881 N. H	7	29 M.	65-65-65	.70-1.64- .91
1881 N. H	7	43 F.	65-65-65	.65-2.00- .96
1881 England	27	(a) (a)	56-56-56	.52- .56- —
1881 Russia	33	(a) F.	81-81-81	.15- .19- —
1882 Ga	7	10 F.	72-72-72	.67- .90- .77
1882 Mass	190	7 M.	60-60-60	.50- .60- .59
1882 Mass	190	42 F.	60-60-60	.40-1.00- .66
1882 Belgium	33	(a) F.	75-75-75	.38- .38- .38
1882 Belgium	36	(a) F.	72-72-72	.57- .57- .57
1882 England	33	(a) (a)	c56-56-56	.52- .71- —
1882 France	33	(a) F.	72-72-72	0.45-0.48- —
1882 France	34	(a) (a)	72-72-72	.52- .59- —
1882 Germany	33	(a) M.	72-84 —	.48- .48- .48
1882 Germany	33	(a) (a)	69-84 —	.31- .32- —
1882 Italy	33	(a) (a)	66-66-66	.21- .22- —
1882 Netherl'ds	33	(a) (a)	63-63-63	.40- .40- .40
1882 Switzerl'd	33	(a) (a)	(a)	.31- .42- —
1883 Mass	190	8 M.	60-60-60	.50- .70- .58
1883 Mass	190	29 F.	60-60-60	.40-1.20- .78
1883 Mass	273	82 M.	(a)	.70-1.60-1.51
1883 Mass	273	175 F.	(a)	.70-1.75- .99
1883 Mass	273	7 (a)	(a)	.50- .80- .59
1883 Miss	7	3 M.	(a)	.60- .60- .60
1883 Tenn	7	5 F.	66-66-66	.48- .61- .53
1883 England	43	(a) F.	(a)	.49- .49- .49
1883 England	43	(a) (a)	d57-57-57	.36- .41- —
1883 England	45	(a) M.	56-56-56	.77- .77- .77
1883 England	45	(a) F.	56-56-56	.72- .77- —
1883 England	572	(a) M.	54-60 —	.39-1.62- —
1883 England	572	(a) F.	56-57 —	.28- .57- —
1883 Gr't Brit	273	(a) M.	(a)	.61-1.14- —
1883 Gr't Brit	273	(a) F.	(a)	.37- .81- —
1883 Gr't Brit	273	(a) (a)	(a)	.37- .41- —
1883 Ireland	43	(a) (a)	(a)	.22- .22- .22
1883 Ireland	572	(a) F.	56-56-56	.28- .28- .28
1883 Scotland	43	(a) F.	56-56-56	.45- .45- .45
1883 Scotland	572	(a) F.	56-56-56	.40- .40- .40
1884 Ga	7	1 M.	70-70-70	2.00-2.00-2.00
1884 Ind	7	7 F.	(a)	.49- .96- .75
1884 Mass	190	10 M.	60-60-60	.50- .75- .60
1884 Mass	190	24 F.	60-60-60	.40-1.25- .75
1884 N. H	7	1 M.	(a)	1.16-1.16-1.16
1884 N. H	7	18 F.	(a)	.75-1.30- .94
1884 N. J	7	6 F.	60-60-60	.75- .92- .83
1884 Canada	178	(a) (a)	60-60-60	.30- .70- —
1884 Canada	466	(a) F.	65-65-65	.71- .71- .71
1884 England	178	(a) M.	(a)	.45- .77- —
1884 England	178	(a) F.	(a)	.72- .77- —
1884 France	178	(a) F.	72-72-72	.45- .48- —
1884 Germany	178	(a) M.	72-72-72	.35- .57- —
1884 Italy	178	(a) (a)	66-66-66	.21- .21- .21
1884 Scotland	178	(a) M.	56-57 —	.81-1.05- —
1885 Ala	7	2 M.	66-66-66	.58- .58- .58
1885 Cal	1	7 M.	63-63-63	.50- .50- .50
1885 Conn	1	9 F.	66-66-66	.75-1.20-1.02
1885 Del	1	1 M.	60-60-60	.66- .66- .66
1885 Ga	1	2 M.	69-69-69	.50- .50- .50
1885 Ga	1	16 F.	69-69-69	.48- .68- .54
1885 Me	1	9 M.	66-66-66	.42-1.00- .77
1885 Me	1	70 F.	66-66-66	.55- .90- .83
1885 Md	1	13 F.	66-66-66	.71- .75- .73
1885 Mass	1	46 M.	60-60-60	.52- .92- .66
1885 Mass	1	114 F.	60-60-60	.52-1.17- .87
1885 Mass	190	6 M.	60-60-60	.55- .60- .58
1885 Mass	190	25 F.	60-60-60	.40-1.10- .74
1885 N. H	1	3 M.	65-65-65	.62-1.17- .80
1885 N. H	1	10 F.	65-65-65	.62-1.00- .77
1885 N. J	1	20 F.	60-60-60	.70- .76- .74
1885 N. J	7	40 F.	55-55-55	.71- .71- .71
1885 N. J	324	8 F.	60-60-60	1.00-1.00-1.00
1885 N. Y	1	146 M.	60-69-69	.38-2.37- .45
1885 N. Y	1	384 F.	60-69-65	.38-1.05- .75
1885 N. C	1	3 M.	69-69-69	.50- .60- .57
1885 N. C	1	9 F.	69-69-69	.50- .60- .56
1885 Pa	1	33 M.	60-60-60	67-2.83-1.46
1885 Pa	1	32 F.	60-60-60	.67- .90- .89
1885 Pa	7	1 M.	60-60-60	1.08-1.08-1.08
1885 Pa	7	10 F.	60-60-60	.79-1.00- .88
1885 Vt	1	10 F.	66-66-66	.80-1.13- .97
1885 Va	1	8 F.	66-66-66	.50- .83- .55

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 2 of the 3 wage quotations.
d Applies to but 1 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 France	1	(a) M.	66-72 —	0.60-0.96- —
1885 France	1	(a) F.	72-72-72	.41- .41- .41
1885 Gr't Brit	1	(a) M.	60-60-60	.46- .65- —
1885 Gr't Brit	1	(a) F.	60-60-60	.29- .75- —
1885 Italy	1	(a) F.	72-72-72	.16- .29- —
1886 Md	3	1 F.	61-61-61	.74- .74- .74
1886 Mass	190	1 M.	60-60-60	.70- .70- .70
1886 Mass	190	21 F.	60-60-60	.45-1.16- .78
1886 N. H	7	10 M.	60-60-60	.35- .70- .50
1886 N. H	7	6 F.	60-60-60	.50- .65- .53
1886 N. J	3	4 F.	58-58-58	.80-1.03- .96
1886 N. J	325	38 F.	60-60-60	.92-1.29-1.18
1886 Pa	3	3 F.	60-60-60	.64- .83- .77
1886 Pa	7	4 M.	58-58-58	.92- .92- .92
1886 Pa	7	69 F.	b58-60-59	.50-1.33- .88
1886 R. I	3	5 F.	59-61-60	.75-1.05- .93
1886 Canada	468	(a) F.	55-55-55	.82- .82- .82
1886 England	67	(a) F.	56-56-56	.41- .41- .41
1886 England	600	(a) M.	57-57-57	.38- .40- —
1886 England	600	(a) F.	57-57-57	.39- .49- —
1886 England	606	(a) F.	(a)	.42- .48- —
1886 Scotland	600	(a) F.	57-57-57	.26- .26- .26
1886 Scotland	601	(a) M.	56-56-56	.30- .30- .30
1886 Scotland	601	(a) F.	56-56-56	.25- .31- —
1887 Ga	3	5 F.	66-68-66	.50- .69- .58
1887 La	3	1 F.	60-60-60	.42- .42- .42
1887 Mass	3	1 F.	60-60-60	.67- .67- .67
1887 Mass	190	3 M.	60-60-60	.60-1.25- .82
1887 Mass	190	21 F.	60-60-60	.40-1.25- .77
1887 N. Y	3	4 F.	60-60-60	.95-1.05-1.00
1887 Ohio	3	2 F.	60-60-60	.50- .59- .55
1887 Ohio	369	24 M.	60-60-60	1.40-1.50-1.41
1887 Pa	3	4 F.	60-60-60	.85-1.04- .96
1887 S. C	3	1 F.	65-65-65	.75- .75- .75
1888 Ga	3	4 F.	67-69-68	.37-1.17- .69
1888 Ga	6	7 M.	66-66-66	.70- .75- .72
1888 Ga	6	18 F.	c66-66-66	.65- .80- .73
1888 Ind	3	1 F.	60-60-60	.50- .50- .50
1888 Mass	190	7 M.	60-60-60	.60-1.25- .71
1888 Mass	190	22 F.	60-60-60	.50-1.25- .78
1888 N. J	326	5 F.	60-60-60	.83- .90- .84
1888 N. Y	331	128 M.	(a)	.71-3.00- .74
1888 N. Y	331	3 F.	(a)	.60- .60- .60
1888 R. I	6	36 F.	(a)	1.00-1.50-1.10
1888 S. C	3	2 F.	65-65-65	.50- .63- .57
1889 Mass	6	16 F.	60-60-60	.85- .85- .85
1889 Mass	190	7 M.	60-60-60	.60-1.25- .81
1889 Mass	190	24 F.	60-60-60	.55-1.25- .84
1889 Germany	179	(a) M.	65-65-65	.40- .48- —
1889 Germany	179	(a) F.	65-65-65	.28- .28- .28
1889 Scotland	6	(a) M.	57-57-57	.53- .53- .53
1890 Mass	190	5 M.	60-60-60	.65-1.25- .89
1890 Mass	190	26 F.	60-60-60	.55-1.25- .84
1890 N. Y	333	66 M.	(a)	.75-3.13- .95
1890 N. Y	333	31 F.	(a)	.70- .80- .75
1890 Pa	6	19 F.	60-60-60	0.75-0.75-0.75
1890 Ireland	6	(a) F.	56-56-56	.28- .28- .28
1890 Ireland	99	(a) F.	57-57-57	.22- .28- —
1890 Scotland	6	(a) F.	56-56-56	.36- .61- —
1891 Mass	190	2 M.	60-60-60	1.20-1.25-1.23
1891 Mass	190	18 F.	60-60-60	.70-1.25- .94
1891 Mich	283	3 F.	(a)	.75- .80- .77
1891 N. Y	333	125 M.	(a)	.60-3.13- .97
1891 N. Y	333	31 F.	(a)	.70- .80- .75
1892 Mass	20	5 F.	58-58-58	.61- .78- .64
1892 Mass	190	17 M.	58-58-58	.58-1.15- .96
1892 Mass	190	11 F.	58-58-58	.58- .75- .66
1893 Mass	20	5 F.	58-58-58	.68- .80- .70
1893 N. J	327	5 F.	57-57-57	.33- .38- .36
1893 England	632	(a) F.	(a)	.16- .73- —
1893 Scotland	632	(a) F.	(a)	.14- .55- —
1894 Mass	20	4 F.	58-58-58	.72- .72- .72
1894 N. Y	8	6 F.	60-60-60	.80- .85- .84
1894 R. I	401	14 (a)	(a)	.80-1.08- .92
1894 Aust-Hun	434	(a) (a)	72-72-72	.28- .30- —
1895 Ala	7	2 M.	66-66-66	.60- .60- .60
1895 Ga	7	36 F.	66-66-66	.50- .90- .70
1895 Me	7	1 F.	60-60-60	.67- .67- .67
1895 Mass	20	4 F.	58-58-58	.72- .72- .72
1895 Miss	7	4 M.	60-60-60	.60- .60- .60
1895 N. H	7	83 M.	60-60-60	.68-1.25- .79
1895 N. H	7	122 F.	60-60-60	.66-1.54- .92
1895 N. J	7	54 F.	53-60-54	.67- .83- .75
1895 N. J	8	4 F.	60-60-60	.83- .83- .83
1895 N. C	8	5 M.	60-72-68	.40- .75- .47
1895 N. C	8	2 F.	66-72-69	.35- .40- .38
1895 N. C	8	4 (a)	69-69-69	.65- .65- .65
1895 Ohio	376	1 F.	60-60-60	.83- .83- .83
1895 Pa	7	3 M.	60-60-60	.63- .92- .82
1895 Pa	7	51 F.	60-60-60	.67- .80- .73
1895 Tenn	7	5 M.	66-66-66	.56- .88- .76
1895 Tenn	7	15 F.	66-66-66	.39- .92- .59
1895 England	585	(a) M.	(a)	.70- .76- —
1895 France	509	(a) (a)	(a)	.23- .23- .23
1896 Ga	7	25 M.	66-66-66	.60-2.84- .75
1896 Ga	7	6 F.	66-66-66	.70- .70- .70
1896 Ind	7	12 F.	65-65-65	.40-1.00- .70
1896 N. H	7	14 M.	60-60-60	.50-1.00- .67
1896 N. H	7	30 F.	60-60-60	.55-1.37- .88
1896 N. C	7	2 M.	69-69-69	.20- .20- .20
1896 Ohio	377	1 F.	60-60-60	.83- .83- .83
1896 Pa	7	7 M.	57-60-59	.67-1.00- .85
1896 Pa	7	70 F.	57-60-59	.50-1.17- .76
1896 S. C	7	8 M.	66-66-66	.75- .80- .78
1896 S. C	7	8 F.	66-66-66	.75- .80- .78
1896 France	510	(a) (a)	60-60-60	.23- .26- —
1897 N. Y	8	4 F.	60-60-60	.83- .83- .83
1898 England	594	(a) (a)	(a)	.59- .65- —
1899 Belgium	455	(a) F.	(a)	.28- .30- —

DRAWING-FRAME TENDERS.

1833	England	624	(a)	F.	(a)	.34- .34- .34	1850	England	45	(a)	(a)	60-60-60	.34- .34- .34
1833	England	624	(a)	(a)	69-69-69	.24- .34- —	1851	Mass	190	8	F.	75-75-75	.47- .47- .47
1839	England	562	(a)	F.	69-69-69	.26- .26- .26	1852	Mass	190	25	F.	72-75-73	.46- .47- .46
1839	Germany	610	(a)	(a)	(a)	.10- .10- .10	1853	Mass	190	28	F.	72-75-73	.45- .50- .48
1841	Russia	185	(a)	F.	(a)	.23- .23- .23	1853	N. Y	190	4	F.	72-72-72	.42- .42- .42
1849	Mass	190	3	F.	75-75-75	.47- .47- .47	1854	Mass	190	10	M.	66-66-66	.45- .45- .45
1849	England	562	(a)	F.	60-60-60	.28- .28- .28	1854	Mass	190	19	F.	72-72-72	.54- .54- .54
1849	England	563	(a)	F.	60-60-60	.36- .36- .36	1854	N. Y	190	4	F.	72-72-72	.42- .42- .42
1850	Mass	190	8	F.	75-75-75	.47- .47- .47	1855	Mass	190	28	F.	66-72-70	.45- .58- .53

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWING-FRAME TENDERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1855 N. Y.	190	4 F.	72-72-72	0.42-0.42-0.42
1856 Mass	190	10 F.	66-66-66	.49- .49- .49
1856 N. Y.	190	4 F.	72-72-72	.42- .42- .42
1857 Mass	190	10 F.	66-66-66	.49- .49- .49
1857 N. Y.	190	4 F.	72-72-72	.46- .46- .46
1858 Mass	190	10 F.	66-66-66	.49- .49- .49
1858 N. Y.	190	4 F.	72-72-72	.38- .38- .38
1859 Mass	190	10 F.	66-66-66	.49- .49- .49
1859 N. Y.	190	4 F.	72-72-72	.44- .44- .44
1859 England	562	(a) F.	60-60-60	.32- .32- .32
1859 England	563	(a) F.	60-60-60	.43- .43- .43
1860 Mass	190	10 F.	66-66-66	.49- .49- .49
1860 N. Y.	190	4 F.	72-72-72	.42- .42- .42
1860 Russia	609	(a) F.	(a)	.12- .12- .12
1861 Mass	190	10 F.	66-66-66	.50- .50- .50
1861 N. Y.	190	4 F.	72-72-72	.42- .42- .42
1862 Mass	190	10 F.	66-66-66	.50- .50- .50
1862 N. Y.	190	4 F.	72-72-72	.42- .42- .42
1863 Mass	190	8 F.	66-66-66	.50- .50- .50
1864 Mass	190	11 F.	66-66-66	.55- .55- .55
1864 England	45	(a) F.	(a)	.35- .35- .35
1865 Mass	190	12 F.	66-66-66	.65- .65- .65
1865 N. Y.	190	4 F.	72-72-72	.59- .59- .59
1866 Mass	190	10 F.	66-66-66	.80- .80- .80
1866 N. Y.	190	4 F.	72-72-72	.59- .59- .59
1866 England	600	(a) F.	57-57-57	.66- .66- .66
1866 Scotland	566	(a) F.	60-60-60	.41- .41- .41
1867 Mass	190	14 F.	66-66-66	.85- .85- .85
1867 N. Y.	190	4 F.	72-72-72	.67- .67- .67
1868 Mass	190	13 F.	66-66-66	.82- .82- .82
1868 N. Y.	190	4 F.	66-66-66	.67- .67- .67
1869 Mass	190	12 F.	66-66-66	.82- .82- .82
1869 N. Y.	190	4 F.	66-66-66	.67- .67- .67
1869 Russia	185	(a) F.	(a)	.14- .14- .14
1870 Mass	7	1 F.	66-66-66	.92- .92- .92
1870 Mass	190	13 F.	66-66-66	.82- .82- .82
1870 N. Y.	190	4 F.	66-66-66	.75- .75- .75
1870 England	45	(a) F.	(a)	.43- .43- .43
1870 France	33	(a) F.	72-72-72	.41- .46- —
1870 Norway	610	(a) M.	(a)	.29- .29- .29
1871 Mass	190	11 F.	66-66-66	.82- .82- .82
1871 N. Y.	190	4 F.	66-66-66	.75- .75- .75
1871 England	629	(a) F.	60-60-60	.36- .61- —
1871 Norway	185	(a) (a)	(a)	.28- .28- .28
1871 Scotland	185	(a) F.	60-60-60	.16-1.21- —
1872 Mass	190	10 F.	66-66-66	.82- .82- .82
1872 N. Y.	190	4 F.	66-66-66	.71- .71- .71
1872 England	185	(a) (a)	59-59-59	.44- .44- .44
1872 Russia	612	(a) F.	69-69-69	.32- .32- .32
1873 Mass	190	10 F.	66-66-66	.82- .82- .82
1873 N. Y.	190	4 F.	66-66-66	.75- .75- .75
1873 England	621	(a) F.	(a)	.41- .57- —
1874 Mass	190	9 F.	66-66-66	.82- .82- .82
1874 N. Y.	190	4 F.	66-66-66	.67- .67- .67
1874 Pa	380	4 F.	(a)	1.13-1.13-1.13
1874 England	45	(a) F.	(a)	.47- .47- .47
1874 England	569	(a) F.	59-59-59	.49- .49- .49
1874 England	713	(a) F.	(a)	.63- .63- .63
1874 Germany	713	(a) (a)	(a)	.36- .36- .36
1875 Mass	190	8 F.	60-60-60	.75- .75- .75
1875 N. Y.	190	4 F.	66-66-66	.67- .67- .67
1876 Mass	190	9 F.	60-60-60	.75- .75- .75
1876 N. Y.	190	4 F.	66-66-66	.59- .59- .59
1876 Pa	381	3 M.	(a)	.40- .83- .54
1876 Pa	381	37 F.	(a)	.50-1.75- .81
1876 Pa	382	11 F.	(a)	.70-1.00- .85
1876 S. C	7	7 F.	66-66-66	.50- .50- .50
1877 Ga	8	7 M.	66-66-66	.65- .65- .65
1877 Mass	190	7 F.	60-60-60	0.67-0.67-0.67
1877 N. Y.	190	4 F.	66-66-66	.54- .54- .54
1877 England	25	(a) F.	53-53-53	.79- .79- .79
1877 England	25	(a) (a)	53-53-53	72- .72- .72
1877 England	45	(a) F.	(a)	.43- .43- .43
1877 England	570	(a) F.	b 57-57-57	.71- .75- —
1878 Mass	190	6 F.	60-60-60	.67- .67- .67
1878 N. H	7	1 M.	60-60-60	.83- .83- .83
1878 N. H	7	15 F.	60-60-60	.48- .92- .73
1878 N. Y.	190	4 F.	66-66-66	.54- .54- .54
1878 N. C	7	1 F.	72-72-72	.50- .50- .50
1878 Pa	383	32 F.	c 60-66-62	.70-1.08- .84
1878 Br. India	459	(a) (a)	(a)	.10- .11- —
1878 England	25	(a) F.	(a)	.70- .75- —
1879 Mass	190	5 F.	60-60-60	.67- .67- .67
1879 N. Y.	190	4 F.	66-66-66	.54- .54- .54
1879 Pa	384	25 M.	d 60-60-60	.60- .75- .61
1879 Pa	384	6 F.	66-66-66	.60- .60- .60
1879 Br. India	459	(a) (a)	(a)	.07- .11- —
1880 Ga	7	4 M.	(a)	.75- .75- .75
1880 Mass	190	6 F.	60-60-60	.67- .67- .67
1880 N. Y.	190	2 F.	66-66-66	.67- .67- .67
1880 Br. India	459	(a) (a)	(a)	.06- .10- —
1880 England	571	(a) F.	(a)	.57- .62- —
1881 Mass	190	6 F.	60-60-60	.80- .80- .80
1881 N. H	7	79 M.	65-65-65	1.05-2.00-1.27
1881 N. H	7	122 F.	65-65-65	.61-1.15- .87
1881 N. Y.	190	2 F.	66-66-66	.73- .73- .73
1881 N. C	7	4 F.	(a)	.40- .40- .40
1881 R. I	7	3 F.	66-66-66	.80- .80- .80
1881 Br. India	459	(a) (a)	(a)	.07½-.09⅛- —
1882 Ga	7	1 M.	70-70-70	.75- .75- .75
1882 Mass	190	6 F.	60-60-60	.85- .85- .85
1882 N. H	7	1 M.	66-66-66	1.26-1.26-1.26
1882 N. H	7	18 F.	66-66-66	1.01-1.31-1.22
1882 N. J	321	1 M.	66-66-66	2.00-2.00-2.00
1882 N. J	321	8 (a)	60-60-60	.60- .60- .60
1882 N. Y.	190	2 F.	66-66-66	.73- .73- .73
1882 N. C	7	1 M.	(a)	.25- .25- .25
1882 N. C	7	1 F.	(a)	.45- .45- .45
1882 S. C	7	5 M.	69-69-69	.40- .50- .47
1882 S. C	7	11 F.	69-69-69	.40- .70- .62
1882 Belgium	33	(a) (a)	75-75-75	.50- .53- —
1882 Belgium	40	(a) F.	72-72-72	.55- .55- .55
1882 Br. India	459	(a) (a)	(a)	.07½-.09⅛- —
1882 England	33	(a) (a)	56-56-56	.65- .76- —
1882 France	33	(a) F.	72-72-72	.63- .63- .63
1882 Germany	33	(a) (a)	66-69 —	.32- .36- —
1882 Germany	40	(a) (a)	66-66-66	.35- .40- —
1882 Italy	33	(a) (a)	66-66-66	.24- .29- —
1882 Netherl'ds	33	(a) (a)	63-63-63	.47- .47- .47
1883 Ala	7	3 M.	(a)	.58- .58- .58
1883 Ga	7	12 M.	(a)	.65- .75- .69
1883 Ga	7	10 F.	e 66-66-66	.60- .75- .65
1883 Mass	190	5 F.	60-60-60	.85- .85- .85
1883 Mass	273	112 F.	(a)	.91-1.42-1.00
1883 N. J	322	25 M.	60-60-60	.83- .83- .83
1883 N. J	322	26 F.	f 60-60-60	.33- .67- .42
1883 N. Y.	190	2 F.	66-66-66	.67- .67- .67
1883 N. C	7	3 M.	(a)	.45- .45- .45
1883 S. C	7	4 M.	70-70-70	.75- .75- .75
1883 S. C	7	4 F.	70-70-70	.75- .75- .75
1883 Br. India	459	(a) (a)	(a)	.07- .09- —
1883 England	43	(a) F.	(a)	.71- .71- .71
1883 England	43	(a) (a)	(a)	.39- .42- —
1883 England	45	(a) F.	g 56-56-56	.43- .71- —
1883 England	45	(a) (a)	56-56-56	.45- .45- .45
1883 England	572	(a) F.	57-57-57	.51- .81- —

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 18 persons not reported.
d Not including hours of 24 persons not reported.
e Not including hours of 6 persons not reported.
f Not including hours of 1 person not reported.
g Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWING-FRAME TENDERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Gr't Brit..	273	(a) F.	(a)	0.30-0.33- —
1883 Scotland..	572	(a) F.	56-56-56	.43- .43- .43
1884 Ga	7	8 F.	66-70-69	.50- .70- .65
1884 La	7	7 M.	66-66-66	.50- .60- .53
1884 La	7	4 F.	63-63-63	.42- .50- .46
1884 Mass	7	7 M.	60-60-60	.65- .80- .74
1884 Mass	7	2 F.	60-60-60	.80- .80- .80
1884 Mass	190	5 F.	60-60-60	.75- .75- .75
1884 N. Y.	190	2 F.	66-66-66	.67- .67- .67
1884 N. C.	7	1 F.	69-69-69	.40- .40- .40
1884 S. C	7	2 M.	69-69-69	.75- .75- .75
1884 Br. India..	459	(a) (a)	(a)	.06- .08- —
1884 Canada	466	(a) F.	61-61-61	.70- .70- .70
1884 England..	178	(a) F.	(a)	.51- .71- —
1884 Germany	178	(a) M.	66-66-66	.26- .45- —
1884 Germany	178	(a) F.	(a)	.39- .40- —
1884 Russia	178	(a) (a)	72-78 —	.18- .22- —
1885 Ga	1	38 F.	69-69-69	.58- .72- .66
1885 Me	1	34 F.	66-66-66	1.00-1.00-1.00
1885 Me	7	1 M.	66-66-66	.80- .80- .80
1885 Mass	1	7 M.	60-60-60	1.00-1.00-1.00
1885 Mass	1	18 F.	60-60-60	1.00-1.00-1.00
1885 Mass	7	2 F.	60-60-60	.42- .75- .59
1885 Mass	190	6 F.	60-60-60	.67- .67- .67
1885 N. H	1	42 F.	65-65-65	1.00-1.16-1.15
1885 N. Y.	7	231 F.	(a)	1.00-1.25-1.10
1885 N. Y.	190	2 F.	66-66-66	.61- .61- .61
1885 Br. India..	459	(a) (a)	(a)	.08½-.10- —
1885 Canada	467	(a) F.	60-61 —	.66- .69- —
1886 Mass	190	5 F.	60-60-60	.76- .76- .76
1886 N. H	7	63 F.	60-60-60	.51-1.29- .82
1886 N. J.	3	1 F.	58-58-58	.87- .87- .87
1886 N. J.	325	116 F.	60-60-60	.67-1.00- .85
1886 N. Y.	190	2 F.	66-66-66	.61- .61- .61
1886 Pa	7	53 F.	b60-64-60	.71-1.25- .93
1886 Br. India..	459	(a) (a)	(a)	.08- .09- —
1886 England..	66	(a) (a)	(a)	.63- .63- .63
1886 England..	600	(a) F.	57-57-57	.38- .71- —
1886 France	66	(a) F.	(a)	.53- .53- .53
1886 Scotland..	600	(a) F.	57-57-57	.35- .35- .35
1887 Mass	6	2 M.	(a)	.68- .68- .68
1887 Mass	6	15 F.	(a)	.68-1.21- .98
1887 Mass	190	8 F.	60-60-60	.80- .80- .80
1887 N. Y.	7	3 F.	60-60-60	.50- .60- .57
1887 N. Y.	190	2 F.	60-60-60	.61- .61- .61
1887 Wis	409	9 (a)	(a)	.67- .67- .67
1887 Br. India..	459	(a) (a)	(a)	.09- .09½- —
1888 Cal.	194	1 F.	66-66-66	1.00-1.00-1.00
1888 Ga	6	34 M.	(a)	.60- .75- .67
1888 Ga	6	12 F.	(a)	.65- .75- .66
1888 Ga	6	3 (a)	(a)	.45- .90- .72
1888 Mass	6	15 M.	c60-60-60	.72- .75- .74
1888 Mass	6	59 F.	d60-60-60	.55-1.17- .77
1888 Mass	190	9 F.	60-60-60	.80- .80- .80
1888 N. Y.	6	31 F.	e60-60-60	.71-1.00- .79
1888 N. Y.	190	2 F.	60-60-60	.61- .61- .61
1888 N. Y.	331	1 M.	(a)	.83- .83- .83
1888 N. C	6	3 F.	(a)	.50- .50- .50
1888 R. I	6	4 M.	(a)	.83-1.04- .89
1888 R. I	6	11 F.	60-60-60	.90- .90- .90
1888 S. C	6	34 M.	f66-71-67	.25- .65- .41
1888 S. C	6	8 F.	66-71-67	.40- .65- .55
1888 S. C	6	8 (a)	66-66-66	.45- .60- .53
1888 Va	6	15 F.	(a)	.35- .85- .58
1888 Br. India..	459	(a) (a)	(a)	0.07-0.08- —
1888 England..	6	(a) F.	56-56-56	.61- .67- —
1888 France	6	(a) M.	(a)	.41- .51- —
1888 France	6	(a) F.	72-72-72	.20- .45- —
1888 Italy	6	(a) M.	(a)	.20- .20- .20
1888 Italy	6	(a) F.	(a)	.22- .29- —
1888 Switzerl'd.	6	(a) (a)	(a)	.27- .37- —
1889 Conn.	6	6 M.	b60-60-60	.63- .84- .70
1889 Ga	6	8 M.	g66-66-66	.60- .75- .62
1889 Ga	6	4 F.	g66-66-66	.60- .65- .61
1889 Me	6	17 M.	h60-60-60	.50-1.10- .64
1889 Me	6	7 F.	(a)	.63-1.00- .74
1889 Md.	6	22 M.	(a)	.25- .64- .50
1889 Mass	6	164 M.	i60-60-60	.50-2.00- .79
1889 Mass	6	133 F.	d60-60-60	.50-1.20- .72
1889 Mass	190	9 F.	60-60-60	.80- .80- .80
1889 Miss.	6	2 M.	(a)	.75- .75- .75
1889 N. H.	6	16 M.	(a)	.70- .75- .70
1889 N. H.	6	106 F.	60-60-60	.60- .97- .81
1889 N. H	6	13 (a)	60-60-60	.67- .67- .67
1889 N. J.	6	15 F.	60-60-60	.92- .92- .92
1889 N. Y.	6	1 M.	(a)	1.00-1.00-1.00
1889 N. Y.	6	55 F.	j60-60-60	.60- .80- .73
1889 N. Y.	190	2 F.	60-60-60	.67- .67- .67
1889 N. C.	6	3 F.	69-69-69	.50- .60- .53
1889 Pa	6	1 M.	(a)	.75- .75- .75
1889 Pa	6	16 F.	(a)	.75- .97- .91
1889 R. I	6	12 M.	(a)	.67- .79- .74
1889 R. I	6	5 F.	(a)	.79- .79- .79
1889 R. I	398	14 F.	60-60-60	1.00-1.17-1.07
1889 S. C	6	11 M.	69-69-69	.20- .60- .41
1889 S. C	6	5 F.	66-66-66	.60- .60- .60
1889 Tenn.	6	1 M.	(a)	.40- .40- .40
1889 Tenn.	6	46 F.	66-66-66	.50- .91- .59
1889 Va	6	1 M.	(a)	.52- .52- .52
1889 Va	6	7 F.	(a)	.46- .60- .55
1889 Br. India..	459	(a) (a)	(a)	.05½-.08- —
1889 England..	6	(a) M.	(a)	.77- .80- —
1889 England..	6	(a) F.	56-57 —	.65- .76- —
1889 England..	6	(a) (a)	(a)	.59- .90- —
1889 France	6	(a) F.	(a)	.36- .37- —
1889 Germany..	6	(a) M.	(a)	.35- .35- .35
1889 Germany..	6	(a) F.	k72-72-72	.28- .42- —
1889 Germany..	615	(a) F.	(a)	.29- .46- —
1890 Ala	6	22 M.	l63-69-66	.40- .90- .64
1890 Ala	6	18 F.	b66-67-66	.50- .90- .57
1890 Conn.	6	12 M.	(a)	.67- .67- .67
1890 Conn.	6	63 F.	(a)	.67-1.14-1.12
1890 Ky	6	4 (a)	66-66-66	.50- .50- .50
1890 La	6	21 F.	(a)	.45- .55- .51
1890 Mass	190	9 F.	60-60-60	.80- .80- .80
1890 Miss.	6	5 M.	(a)	.40- .50- .46
1890 Miss.	6	2 F.	(a)	.40- .40- .40
1890 Miss.	6	6 (a)	b66-66-66	.40- .50- .47
1890 N. Y.	190	2 F.	60-60-60	.67- .67- .67
1890 N. Y.	333	35 M.	(a)	.54-1.00- .69
1890 N. C.	6	38 M.	n66-69-68	.35-1.00- .62
1890 N. C.	6	2 F.	g69-69-69	.70- .75- .73
1890 Pa	6	1 M.	60-60-60	.75- .75- .75
1890 Pa	6	17 F.	60-60-60	.75-1.08- .89
1890 Tenn.	6	4 M.	(a)	.50- .65- .58
1890 Tenn.	6	6 F.	h69-69-69	.50- .60- .57
1890 Br. India..	459	(a) (a)	(a)	.08½-.11- —
1890 England..	6	(a) F.	o57-57-57	.53- .76- —

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 13 persons not reported.
d Not including hours of 29 persons not reported.
e Not including hours of 17 persons not reported.
f Not including hours of 19 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 4 persons not reported.
i Not including hours of 31 persons not reported.
j Not including hours of 48 persons not reported.
k Applies to but 3 of the 6 wage quotations.
l Not including hours of 9 persons not reported.
n Not including hours of 32 persons not reported.
o Applies to but 1 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAWING-FRAME TENDERS—Concluded.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1890	Germany	6	(a) M.	(a)	0.19-0.38- —
1890	Germany	6	(a) F.	(a)	.27- .34- —
1891	Mass	190	9 F.	60-60-60	.80- .80- .80
1891	N. Y.	190	2 F.	60-60-60	.71- .71- .71
1891	N. Y.	333	99 M.	(a)	.54-1.12- .89
1891	N. C.	346	1 (a)	71-71-71	.40- .40- .40
1891	Belgium	457	(a) F.	69-72 —	.22- .39- —
1891	Br. India	459	(a) (a)	(a)	.07- .09½- —
1892	Me	258	26 M.	60-60-60	.58- .75- .67
1892	Me	258	132 F.	60-60-60	.75-1.44-1.19
1892	Mass	20	26 M.	60-60-60	.65- .80- .79
1892	Mass	20	14 F.	60-60-60	.60- .65- .62
1892	Mass	190	15 M.	58-58-58	.80-1.00- .81
1892	Mass	190	1 F.	58-58-58	.80- .80- .80
1892	N. Y.	190	2 F.	60-60-60	.75- .75- .75
1892	France	505	(a) F.	66-72 —	.14- .87- —
1892	Germany	668	(a) F.	(a)	.29- .44- —
1893	Mass	20	15 M.	58-58-58	.80- .80- .80
1893	Mass	20	12 F.	58-58-58	.60- .65- .63
1893	N. J	327	21 F.	55-60-58	.50-1.08- .91
1893	Br. India	459	(a) (a)	(a)	.05½-.06½- —
1894	Ind	228	7 F.	60-60-60	.50- .58- .53
1894	Mass	20	17 M.	58-58-58	.79- .79- .79
1894	Mass	20	6 F.	58-58-58	.60- .60- .60
1894	N. Y.	8	1 F.	60-60-60	.67- .67- .67
1894	N. C.	8	3 M.	60-69-66	.45- .75- .55
1894	S. C	8	1 M.	66-66-66	.75- .75- .75
1894	Br. India	459	(a) (a)	(a)	.04- .05½- —
1894	England	590	(a) M.	(a)	.51- .65- —
1895	Ala	7	7 M.	66-66-66	.50- .55- .54
1895	Ga	7	19 M.	66-66-66	.75-1.10- .55
1895	Ga	7	9 F.	66-66-66	.60-1.10- .88
1895	Ga	8	27 M.	66-66-66	.40-1.00- .79
1895	Ga	8	16 F.	66-66-66	.70- .70- .70
1895	La	7	13 M.	60-60-60	.50- .60- .52
1895	La	7	13 F.	63-63-63	.42- .50- .43
1895	Me	7	1 M.	60-60-60	.80- .80- .80
1895	Me	7	6 F.	60-60-60	1.28-1.74-1.41
1895	Mass	7	6 M.	58-58-58	.68- .97- .73
1895	Mass	7	3 F.	58-58-58	.73-1.02- .86
1895	Mass	8	2 M.	60-60-60	.65-1.15- .90
1895	Mass	20	14 M.	58-58-58	.79- .79- .79
1895	Mass	20	6 F.	58-58-58	.60- .60- .60
1895	N. H	7	4 M.	60-60-60	.73-1.05- .94
1895	N. H	7	250 F.	60-60-60	.50-1.51-1.03
1895	N. Y.	7	193 F.	60-60-60	1.00-1.25-1.20
1895	N. C	7	4 M.	66-66-66	.45- .45- .45
1895	N. C	8	13 M.	66-70-68	.40- .75- .60
1895	N. C	8	6 F.	66-66-66	.50- .50- .50
1895	S. C	7	17 M.	66-66-66	.75- .75- .75
1895	S. C	7	38 F.	66-66-66	.65- .80- .73
1895	S. C	8	1 M.	66-66-66	.75- .75- .75
1895	Tenn	7	4 F.	66-66-66	.50- .50- .50
1895	Br. India	459	(a) (a)	(a)	.04- .05- —
1895	England	591	(a) (a)	(a)	.70- .76- —
1896	Ga	7	46 M.	63-66-65	.50 1.00- .68
1896	Ga	7	34 F.	63-66-66	.35-1.12- .83
1896	Ga	8	6 M.	66-66-66	.30- .40- .37
1896	N. H	7	92 F.	60-60-60	.62-1.40-1.04
1896	N. Y.	7	3 F.	60-60-60	.75- .75- .75
1896	N. C	7	5 M.	69-69-69	.30- .50- .42
1896	N. C	7	6 F.	69-69-69	.40- .65- .55
1896	N. C	8	4 M.	66-66-66	.50- .75- .65
1896	Pa	7	78 F.	60-60-60	.67-1.08- .83
1896	R. I	7	1 M.	60-60-60	.83- .83- .83
1896	R. I	7	6 F.	60-60-60	.83- .87- .86
1896	S. C	7	9 M.	66-66-66	.40- .70- .59
1896	S. C	7	12 F.	66-66-66	.70- .70- .70
1896	Br. India	459	(a) (a)	(a)	.05½-.08- —
1896	England	592	(a) (a)	(a)	.67- .75- —
1897	Ga	8	16 F.	66-66-66	.40- .40- .40
1898	France	512	(a) F.	66-66-66	.58- .60- —
1899	Belgium	455	(a) F.	(a)	.48- .48- .48

DRAYMEN.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1850	England	178	(a) M.	(a)	.58- .58- .58
1857	Ireland	561	(a) (a)	(a)	.61- .61- .61
1858	Ireland	563	(a) (a)	72-72-72	.49- .85- —
1859	Ireland	563	(a) (a)	72-72-72	.55- .85- —
1860	England	178	(a) M.	(a)	.67- .67- .67
1860	Ireland	563	(a) (a)	72-72-72	.55- .85- —
1863	Ireland	565	(a) (a)	(a)	.49- .85- —
1866	England	566	(a) M.	66-66-66	.71- .71- .71
1866	Scotland	566	(a) M.	60-60-60	.73- .81- —
(b)	England	567	(a) M.	72-72-72	.81- .85- —
1870	England	177	(a) M.	(a)	.73- .80- —
1871	England	568	(a) M.	72-72-72	.85-1.22- —
1871	England	629	(a) M.	(a)	.93- .93- .93
1871	Ireland	568	(a) M.	72-72-72	.65- .81- —
1872	England	185	(a) M.	72-72-72	.85-1.21- —
1872	Ireland	185	(a) M.	72-72-72	.65- .81- —
1874	Conn	185	1 M.	(a)	1.67-1.67-1.67
1874	England	569	(a) M.	(a)	1.07-1.25- —
1874	Ireland	569	(a) M.	60-60-60	.85- .85- .85
1876	Pa	381	8 M.	(a)	1.60-1.60-1.60
1877	England	178	(a) M.	(a)	.97- .97- .97
1878	England	177	(a) M.	(a)	.80- .96- —
1878	France	177	(a) M.	60-60-60	.60- .60- .60
1880	N. J	319	1 (a)	72-72-72	1.00-1.00-1.00
1881	S. C	2	300 M.	60-60-60	1.00-1.00-1.00
1882	N. Y.	2	60 M.	60-60-60	1.65-1.70-1.68
1883	England	178	(a) M.	(a)	.86- .86- .86
1884	Cal	192	75 M.	60-84-70	1.53-2.50-2.11
1884	Iowa	231	6 M.	c 60-72-70	1.54-2.50-2.07
1884	Mich	278	7 M.	(a)	1.25-3.00-1.93
1884	Aust-Hun	178	(a) M.	72-72-72	.32- .50- —
1884	Belgium	178	(a) M.	d60-72 —	.26- .80- —
1884	Brazil	134	(a) M.	60-60-60	.59- .59- .59
1884	Br. Hond	178	(a) (a)	54-54-54	.68-1.15- —
1884	Canada	178	(a) M.	e 60-60-60	.83-2.00- —
1884	Colombia	134	(a) (a)	(a)	.64- .64- .64
1884	Denmark	178	(a) M.	60-60-60	.54- .54- .54
1884	Ecuador	134	(a) (a)	(a)	1.50-1.50-1.50
1884	England	178	(a) M.	f 53-57 —	.41-1.62- —
1884	Germany	178	(a) M.	g 60-72 —	.20-1.43- —
1884	Germany	178	(a) M.	(a)	h .16- .18- —
1884	Gibraltar	178	(a) M.	56-56-56	.75-1.17- —
1884	Ireland	178	(a) M.	i 60-60-60	.51-1.01- —
1884	Italy	178	(a) M.	j 60-66 —	.24- .54- —
1884	Mexico	134	(a) (a)	60-60-60	.60- .60- .60
1884	Netherl'ds	134	(a) (a)	(a)	.73- .73- .73
1884	Peru	134	(a) (a)	(a)	.58- .58- .58
1884	Russia	134	(a) (a)	(a)	.60- .60- .60

a Not reported.
b Average for 1867–68.
c Not including hours of 1 person not reported.
d Applies to but 6 of the 8 wage quotations.
e Applies to but 21 of the 23 wage quotations.
f Applies to but 21 of the 54 wage quotations.
g Applies to but 46 of the 54 wage quotations.
h And board and lodging.
i Applies to but 4 of the 6 wage quotations.
j Applies to but 5 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRAYMEN—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 Russia	178	(a) M.	72-72-72	b0.18-0.26- —	1893 Ohio	374	2 M.	60-60-60	1.00-1.50-1.25
1884 Scotland	178	(a) M.	c51-60 —	.69-1.22- —	1893 France	507	(a) (a)	72-72-72	.67- .67- .67
1884 Switzerl'd	178	(a) M.	66-66-66	b.32- .32- .32	1894 Iowa	236	2 M.	72-72-72	3.00-3.00-3.00
1884 Wales	178	(a) M.	54-54-54	.73-1.01- —	1894 Ohio	374	2 M.	(a)	1.33-1.50-1.42
1885 Ecuador	134	(a) (a)	(a)	.12- .12- .12	1894 Australia	425	(a) (a)	(a)	1.22-2.03- —
1886 Cal	193	88 M.	60-72-63	1.50-1.92-1.60	1894 France	129	(a) M.	60-60-60	.97-2.12- —
1886 Cal	193	44 M.	60-72-68	b1.34-2.50-2.17	1895 Mich	287	113 M.	(a)	.50-3.00-1.22
1886 Ill	208	4 M.	60-60-60	1.75-1.75-1.75	1895 N. C	349	4 M.	60-60-60	1.00-1.00-1.00
1886 Iowa	232	9 M.	54-72-64	1.00-2.50-1.82	1895 Ohio	376	10 M.	h60-60-60	1.00-2.00-1.41
1886 Kans	240	2 M.	60-60-60	1.00-2.00-1.50	1895 Australia	426	(a) (a)	(a)	1.22-2.03- —
1886 Argentina	57	(a) M.	60-60-60	.67- .83- —	1895 Australia	677	(a) M.	(a)	2.68-2.68-2.68
1886 Belgium	456	(a) (a)	(a)	.68- .77- —	1896 Ala	15	1 M.	(a)	1.50-1.50-1.50
1886 England	60	(a) M.	(a)	.96- .96- .96	1896 Fla	15	1 M.	(a)	.83- .83- .83
1886 England	604	(a) M.	(a)	.73-1.09- —	1896 Ga	15	19 M.	(a)	.50-2.50-1.02
1886 Scotland	604	(a) M.	(a)	.89- .89- 89	1896 Ill	12	1 M.	(a)	.33- .33- .33
1887 Ohio	369	1 M.	60-60-60	1.25-1.25-1.25	1896 Nebr	314	1 M.	54-54-54	4.00-4.00-4.00
1887 Wis	4	1 M.	(a)	1.53-1.53-1.53	1896 Ohio	377	6 M.	48-60-58	1.50-3.00-2.24
1887 Wis	409	1 M.	(a)	2.50-2.50-2.50	1896 Tenn	15	2 M.	(a)	1.00-1.00-1.00
1888 N. C	343	1 M.	(a)	.66- .66- .66	1896 Australia	427	(a) (a)	(a)	1.22-2.03- —
1889 Iowa	233	15 M.	51-72-61	1.45-2.50-1.96	1896 C. of G'd H.	184	(a) M.	(a)	.72- .84- —
1889 Mich	281	1 M.	60-60-60	1.50-1.50-1.50	1896 France	505	(a) M.	60-60-60	.77- .77- .77
1889 Italy	95	(a) M.	60-60-60	.50- .50- .50	1896 France	510	(a) (a)	(a)	.81- .96- —
1891 Australia	134	(a) M.	(a)	1.54-1.54-1.54	1897 Australia	418	(a) (a)	(a)	.81-1.22- —
1892 France	505	(a) M.	d57-77 —	.48-1.93- —	1897 Australia	428	(a) (a)	(a)	1.22-2.23- —
1892 France	505	(a) M.	63-84 —	e.62- .89- —	1897 England	587	(a) M.	(a)	.77- .85- —
1892 France	505	(a) M.	70-70-70	f.82- .82- .82	1897 France	511	(a) M.	72-72-72	.58- .71- —
1892 France	505	(a) M.	67-67-67	g.58- .77- —	1898 Australia	419	(a) (a)	(a)	.81-1.62- —
1892 Italy	112	(a) M.	66-66-66	.30- .40- —	1898 Australia	429	(a) (a)	(a)	1.32-2.23- —
1893 Mich	285	1 M.	57-57-57	.84- .84- .84					

DRESSERS, BOOTS AND SHOES.

1875 Mass	270	27 M.	(a)	1.38-2.05-1.76	1885 Mass	7	2 F.	60-60-60	1.38-1.40-1.39
1875 Mass	270	2 F.	(a)	1.00-1.00-1.00	1885 Germany	56	(a) (a)	(a)	.83- .90- —
1883 Mass	273	4 M.	(a)	1.75-2.25-1.88	1891 Me	257	1 M.	60-60-60	2.50-2.50-2.50
1883 Mass	273	11 F.	(a)	1.25-1.33-1.27	1891 Me	257	24 (a)	(a)	1.46-1.46-1.46
1884 N. J	323	1 M.	60-60-60	2.25-2.25-2.25	1892 Cal	196	1 M.	(a)	3.00-3.00-3.00
1885 Cal	1	15 M.	60-60-60	1.25-2.25-1.87	1895 Me	7	4 F.	60-60-60	1.08-1.33-1.23
1885 Me	7	4 F.	60-60-60	.67-1.17-1.00	1895 Mass	7	5 M.	55-58-56	1.45-3.35-2.58
1885 Mass	1	9 M.	60-60-60	1.92-1.92-1.92	1895 Mass	7	10 F.	55-58-58	.73-1.75-1.08
1885 Mass	1	13 F.	60-60-60	1.17-1.50-1.30	1895 Mass	8	9 F.	60-60-60	1.25-1.50-1.47
1885 Mass	7	1 M.	60-60-60	2.00-2.00-2.00	1896 France	510	(a) F.	60-60-60	.39- .39- .39

DRESSERS, BRUSHES.

1884 W. Va	7	2 M.	90-90-90	1.67-1.67-1.67	1896 W. Va	7	1 M.	60-60-60	1.67-1.67-1.67
1891 N. Y	333	1 M.	(a)	1.83-1.83-1.83					

DRESSERS, CARPETINGS.

1885 Mass	1	6 M.	60-60-60	1.25-2.00-1.75	1890 N. Y	333	140 M.	(a)	1.50-1.60-1.52
1885 N. Y	1	101 M.	60-66-61	1.49-1.80-1.54	1891 N. Y	333	140 M.	(a)	1.50-1.60-1.51
1889 Germany	179	(a) (a)	65-65-65	.60- .60- .60					

a Not reported.
b And board and lodging.
c Applies to but 9 of the 12 wage quotations.
d Applies to but 12 of the 13 wage quotations.
e And *gratifications*.
f And lodging and heat.
g And lodging, heat, and light.
h Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS, CLAY AND POTTERY PRODUCTS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	N. J	7	10 F.	(a)	0.92-0.92-0.92
1884	Ohio	7	5 M.	54-54-54	.75- .75- .75
1887	Ohio	369	1 M.	51-51-51	1.00-1.00-1.00
1892	Ohio	373	36 F.	53-53-53	1.00-1.00-1.00
1892	Ohio	373	19 (a)	48-59-56	0.75-1.25-0.87
1892	France	505	(a) M.	63-63-63	.24- .34- —
1895	N. J	7	4 F.	55-55-55	.75- .75- .75
1896	Ohio	7	12 M.	54-54-54	.75- .75- .75

DRESSERS, FLAX AND HEMP.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1812	Scotland	624	(a) M.	(a)	.61- .61- .61
1813	Scotland	624	(a) M.	(a)	.61- .61- .61
1814	Scotland	624	(a) M.	(a)	.61- .61- .61
1815	Scotland	624	(a) M.	(a)	.61- .61- .61
1816	Scotland	624	(a) M.	(a)	.51- .51- .51
1817	Scotland	624	(a) M.	(a)	.36- .36- .36
1818	Scotland	624	(a) M.	(a)	.36- .36- .36
1819	Scotland	624	(a) M.	(a)	.36- .36- .36
1820	Scotland	624	(a) M.	(a)	.36- .36- .36
1821	Scotland	624	(a) M.	(a)	.41- .41- .41
1822	Scotland	624	(a) M.	(a)	.41- .41- .41
1823	Scotland	624	(a) M.	(a)	.41- .41- .41
1824	Scotland	624	(a) M.	(a)	.49- .49- .49
1825	Scotland	624	(a) M.	(a)	.55- .55- .55
1826	Scotland	624	(a) M.	(a)	.43- .43- .43
1827	Scotland	624	(a) M.	(a)	.43- .43- .43
1828	Scotland	624	(a) M.	(a)	.43- .43- .43
1829	Scotland	624	(a) M.	(a)	.43- .43- .43
1830	Scotland	624	(a) M.	(a)	.43- .43- .43
1831	Scotland	624	(a) M.	(a)	.43- .43- .43
1832	Scotland	624	(a) M.	(a)	.49- .49- .49
1833	Scotland	624	(a) M.	(a)	.55- .55- .55
(b)	England	563	(a) (a)	(a)	.81-1.30- —
1861	England	564	(a) (a)	(a)	.97- .97- .97
1863	England	565	(a) (a)	(a)	.73-1.22- —
1868	N. Y	8	4 M.	60-60-60	2.50-2.50-2.50
1869	Russia	185	(a) M.	(a)	.37- .37- .37
1870	Italy	610	(a) M.	(a)	.39- .97- —
1870	Italy	610	(a) (a)	(a)	.12- .14- —
1871	England	629	(a) M.	60-60-60	.65- .89- —
1871	England	629	(a) F.	60-60-60	.49- .49- .49
1871	England	629	(a) (a)	60-60-60	.20- .49- —
1871	Scotland	629	(a) M.	60-60-60	.81-1.01- —
1874	England	569	(a) M.	60-60-60	1.14-1.14-1.14
1874	Ireland	569	(a) M.	56-56-56	.73- .73- .73
1874	Scotland	177	(a) M.	56-56-56	.58- .75- —
1874	Scotland	569	(a) M.	56-56-56	1.05-1.05-1.05
1875	Scotland	177	(a) M.	56-56-56	.58- .75- —
1876	Scotland	177	(a) M.	56-56-56	.58- .75- —
1877	Scotland	177	(a) M.	56-56-56	.58- .75- —
1877	Scotland	570	(a) M.	56-56-56	.91- .91- .91
1878	N. J	8	2 M.	60-60-60	2.00-2.00-2.00
1878	N. Y	8	2 M.	60-60-60	2.00-2.00-2.00
1878	Scotland	177	(a) M.	56-56-56	.58- .75- —
1882	Pa	8	1 M.	60-60-60	2.25-2.25-2.25
1883	Mass	273	42 M.	(a)	.67-2.48-1.66
1883	Mass	273	3 F.	(a)	.58- .58- .58
1883	N. J	322	75 M.	60-60-60	(a)-3.00-1.67
1883	Gr't Brit	273	(a) M.	(a)	.93- .93- .93
1884	N. J	323	75 M.	60-60-60	.33-1.08-1.03
1885	N. J	324	23 M.	60-60-60	1.70-1.75-1.70
1886	England	601	(a) M.	56-56-56	.99- .99- .99
1886	Gr't Brit	601	(a) M.	56-56-56	.94- .94- .94
1886	Scotland	601	(a) M.	56-56-56	.88- .89- —
1888	N. J	326	3 (a)	57-63-61	1.96-1.96-1.96
1888	Canada	470	(a) M.	58-58-58	1.11-1.11-1.11
1890	N. Y	333	12 M.	(a)	.86-1.64-1.19
1891	N. Y	333	12 M.	(a)	.86-1.64-1.19
1892	England	632	(a) M.	57-57-57	.84- .84- .84
1892	Ireland	632	(a) M.	57-57-57	.84- .84- .84
1892	Scotland	632	(a) M.	57-57-57	.84- .84- .84
1895	Pa	8	1 M.	60-60-60	1.33-1.33-1.33

DRESSERS, FURS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1879	Germany	545	(a) M.	57-57-57	.71- .71- .71
1882	N. Y	2	22 M.	70-70-70	2.08-2.50-2.29
1883	N. Y	2	43 M.	60-60-60	1.84-2.50-2.06
1884	N. Y	2	29 M.	60-60-60	2.00-3.00-2.47
1886	N. Y	2	297 M.	56-60-59	1.50-4.00-2.02
1889	Germany	550	(a) M.	72-72-72	.83-1.07- —
1890	N. Y	333	17 M.	(a)	2.00-3.14-2.27
1891	N. Y	333	17 M.	(a)	2.00-3.14-2.27
1891	France	505	(a) M.	70-70-70	.97-1.25- —
1893	Ill	10	1 M.	60-60-60	3.00-3.00-3.00
1893	France	507	(a) (a)	60-90 —	1.35-1.93- —
1894	France	129	(a) M.	(a)	.97-1.25- —
1894	France	508	(a) (a)	60-60-60	.68- .68- .68

DRESSERS, GLOVES AND MITTENS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y	333	5 M.	(a)	1.50-2.25-1.85
1891	N. Y	333	5 M.	(a)	1.50-2.25-1.85

DRESSERS, HATS AND CAPS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1891	France	505	(a) M.	60-60-60	1.16-2.32- —
1892	France	505	(a) M.	54-72 —	.48-1.35- —
1897	France	511	(a) M.	63-63-63	.58- .68- —
1898	France	512	(a) M.	51-66 —	.69- .92- —

a Not reported. *b* Average for 1858–60.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS' HELPERS, IRON AND STEEL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Gr't Brit...	273	(a) M.	(a)	0.61-1.14- —	1889 Italy	5	(a) M.	(a)	0.28-0.34- —
1883 Gr't Brit...	273	(a) (a)	(a)	.20- .41- —	1891 France....	505	(a) M.	72-72-72	.77- .97- —

DRESSERS' HELPERS, TEXTILES.

1886 Pa	7	18 M.	60-60-60	1.00-1.33-1.11	1890 N. Y.....	6	1 M.	60-60-60	1.00-1.00-1.00
1886 England ..	600	(a) M.	57-57-57	.31- .50- —	1890 N. Y.....	333	12 M.	(a)	.65- .65- .65
1886 England ..	601	(a) M.	56-57 —	.37- .74- —	1890 Scotland ..	6	(a) M.	56-56-56	.57- .57- .57
1886 Ireland ...	600	(a) M.	57-57-57	.61- .61- .61	1891 N. Y.....	333	11 M.	(a)	.65- .65- .65
1886 Scotland ..	600	(a) M.	57-57-57	.22- .58- —	1895 Ga	7	1 M.	66-66-66	.90- .90- .90
1886 Scotland ..	601	(a) M.	56-56-56	.38- .38- .38	1895 Mass	7	5 M.	58-58-58	.97-1.25-1.07
1888 Conn.....	6	1 M.	(a)	1.25-1.25-1.25	1896 Ga	7	4 F.	66-66-66	1.00-1.00-1.00
1888 R. I	6	2 M.	(a)	1.50-1.50-1.50	1896 Pa	7	34 M.	60-60-60	.88-1.25- .97

DRESSERS' HELPERS, TOBACCO.

1886 Mich.....	7	2 M.	60-60-60	.67- .67- .67	1896 Mich.....	7	2 M.	55-55-55	.50- .88- .69
1886 Mich.....	7	2 F.	60-60-60	.50- .50- .50	1896 Mich.....	7	2 F.	55-55-55	.50- .75- .63

DRESSERS, IRON AND STEEL.

1841 Gr't Brit ..	625	(a) (a)	(a)	.14- .24- —	1886 N. H	190	9 M.	72-72-72	1.35-1.60-1.47
1859 England ..	564	(a) (a)	57-57-57	.77- .77- .77	1887 N. H	190	9 M.	60-60-60	1.35-1.60-1.49
1860 England ..	564	(a) (a)	57-57-57	.77- .77- .77	1888 N. H	190	17 M.	60-60-60	1.25-1.50-1.34
1861 England ..	564	(a) (a)	57-57-57	.77- .77- .77	1888 Australia .	432	(a) M.	(a)	1.46-1.95- —
1871 Mass	267	8 M.	53-53-53	5.00-5.00-5.00	1888 England ..	5	(a) M.	(a)	.55- .55- .55
1872 N. H	190	25 M.	72-72-72	1.50-1.75-1.52	1889 N. H	190	8 M.	60-60-60	1.25-1.50-1.38
1873 N. H	190	32 M.	72-72-72	1.25-1.75-1.52	1889 France....	5	(a) M.	63-72 —	.49- .91- —
1873 England ..	185	(a) M.	(a)	1.05-1.05-1.05	1889 Italy	5	(a) M.	(a)	.62- .70- —
1874 N. H	190	20 M.	72-72-72	1.50-2.00-1.56	1890 Mich.....	282	2 M.	60-60-60	1.25-1.50-1.38
1874 Scotland ..	185	(a) M.	51-51-51	.90- .90- .90	1890 N. H	190	10 M.	60-60-60	1.25-1.50-1.36
1875 N. H	190	24 M.	72-72-72	1.00-2.50-1.56	1891 N. H	190	10 M.	60-60-60	1.25-1.75-1.40
1876 N. H	190	14 M.	72-72-72	1.25-2.00-1.44	1891 Belgium ..	457	(a) M.	60-60-60	.77- .77- .77
1877 N. H	190	22 M.	72-72-72	1.00-1.50-1.26	1891 France....	505	(a) M.	72-72-72	.97-1.16- —
1877 Scotland ..	570	(a) M.	51-51-51	.16- .69- —	1891 Gr't Brit ..	576	(a) M.	(a)	1.09-1.22- —
1878 N. H	190	12 M.	72-72-72	1.00-1.35-1.07	(b) Switzerl'd.	595	(a) M.	(a)	.64- .64- .64
1879 N. H	190	12 M.	72-72-72	1.00-1.35-1.07	1892 Australia .	424	(a) M.	(a)	1.01-2.03- —
1880 N. H	190	10 M.	72-72-72	1.00-1.40-1.16	1892 England ..	119	(a) M.	c53-53-53	.81-1.22- —
1880 England ..	571	(a) M.	54-54-54	.42-1.34- —	1892 England ..	632	(a) M.	53-53-53	1.14-1.14-1.14
1880 Scotland ..	571	(a) M.	54-54-54	.32-1.05- —	1892 Gr't Brit ..	577	(a) M.	(a)	.86-1.14- —
1881 N. H	190	10 M.	72-72-72	1.10-1.40-1.27	1894 N. C.....	8	3 M.	60-60-60	1.00-1.25-1.17
1882 N. H	190	10 M.	72-72-72	1.20-1.50-1.36	1894 Australia .	425	(a) (a)	(a)	1.54-1.54-1.54
1883 N. H	190	10 M.	72-72-72	1.20-1.50-1.38	1894 Ireland ...	127	(a) M.	54-54-54	.81- .81- .81
1883 England ..	43	(a) (a)	54-54-54	1.29-1.29-1.29	1894 Scotland ..	590	(a) M.	(a)	d .12- .13½- —
1883 England ..	572	(a) M.	54-54-54	.93-1.01- —	1895 Australia .	426	(a) (a)	(a)	1.54-1.54-1.54
1883 Gr't Brit ..	273	(a) M.	(a)	.49-2.43- —	1895 Scotland ..	586	(a) (a)	(a)	1.14-1.19- —
1883 Gr't Brit ..	273	(a) (a)	(a)	.33- .41- —	1896 Australia .	427	(a) (a)	(a)	1.54-1.95- —
1883 Scotland ..	572	(a) M.	54-54-54	.91-1.08- —	1896 England ..	592	(a) M.	(a)	1.05-1.18- —
1884 N. H	190	9 M.	72-72-72	1.30-1.60-1.45	1896 Scotland ..	592	(a) M.	(a)	1.08-1.19- —
1884 Canada ...	466	(a) M.	62-62-62	1.38-1.38-1.38	1897 Australia .	428	(a) (a)	(a)	1.30-1.95- —
1884 England ..	178	(a) M.	54-54-54	.49-1.29- —	1897 England ..	593	(a) (a)	(a)	.97-1.01- —
1884 Germany .	178	(a) M.	(a)	.60- .95- —	1897 Scotland ..	587	(a) M.	(a)	1.05-1.19- —
1884 Scotland ..	178	(a) M.	51-54 —	.81-1.11- —	1898 Australia .	429	(a) (a)	(a)	1.30-1.95- —
1884 Switzerl'd.	178	(a) M.	65-65-65	.65- .76- —	1898 Scotland ..	594	(a) (a)	(a)	1.09-1.28- —
1885 N. H	190	9 M.	72-72-72	1.35-1.60-1.47	1899 Ireland ...	588	(a) (a)	(a)	.81- .81- .81
1885 Ohio	1	5 M.	60-60-60	2.50-2.50-2.50					

a Not reported.
b Average for 1888–91.
c Applies to but 1 of the 4 wage quotations.
d Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS, LACE AND LACE GOODS.

Year	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1841	England ..	625	(a)	M.	51-51-51	0.16-0.16-0.16
1841	England ..	625	(a)	F.	54-63 —	.16- .36- —
1866	England ..	566	(a)	F.	(a)	.41- .41- .41
1880	England ..	571	(a)	M.	54-54-54	.61-2.03- —
1880	England ..	571	(a)	F.	54-54-54	.36- .57- —
1883	England ..	572	(a)	M.	54-54-54	0.61-2.03- —
1883	England ..	572	(a)	F.	54-54-54	.36- .57- —
1884	England ..	178	(a)	M.	54-54-54	.61-2.03- —
1884	England ..	178	(a)	F.	54-54-54	.53- .57- —
1893	England ..	632	(a)	F.	(a)	.16- .41- —

DRESSERS, MEAT.

Year	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888	N. Y.....	331	5	M.	(a)	4.17-4.17-4.17
1895	Ill.....	8	8	M.	60-60-60	1.75-2.75-2.50

DRESSERS, MINING.

Year	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1863	Ireland....	565	(a)	M.	(a)	.22- .39- —
1863	Ireland....	565	(a)	F.	(a)	.14- .14- .14
1886	Canada ...	66	(a)	M.	60-60-60	1.25-1.50- —
1894	England ..	584	(a)	M.	(a)	.52- .61- —

DRESSERS, SCISSORS.

Year	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1840	England ..	563	(a)	F.	60-60-60	.36- .36- .36
1850	England ..	563	(a)	F.	60-60-60	.32- .32- .32
1860	England ..	563	(a)	F.	60-60-60	.34- .34- .34
1866	England ..	566	(a)	F.	60-60-60	.28- .57- —
(b)	England ..	567	(a)	F.	60-60-60	.28- .57- —
1871	England ..	568	(a)	F.	50-50-50	.28- .53- —
1871	England ..	629	(a)	F.	58-58-58	.28- .57- —
1872	England ..	185	(a)	F.	50-50-50	.28- .53- —
1878	England ..	43	(a)	F.	(a)	.65- .65- .65
1883	England ..	43	(a)	F.	(a)	.45- .45- .45
1883	Gr't Brit...	273	(a)	F.	(a)	.45- .49- —

DRESSERS, TEXTILES.

Year	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1816	England ..	572	(a)	M.	(a)	1.22-1.22-1.22
1821	England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1826	England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1831	England ..	572	(a)	M.	(a)	1.24-1.24-1.24
1832	England ..	572	(a)	M.	(a)	1.14-1.22- —
1833	England ..	624	(a)	M.	c 69-69-69	.97-1.40- —
1839	England ..	562	(a)	M.	61-69 —	.73- .81- —
1839	England ..	563	(a)	M.	65-65-65	.41- .73- —
1842	Mass	190	5	F.	78-78-78	.55- .98- .64
1843	Mass	190	4	F.	84-84-84	.58- .58- .58
1844	Mass	190	6	F.	84-84-84	.38- .71- .57
1845	Mass	190	16	F.	78-84-83	.38- .70- .44
1846	Mass	190	5	F.	78-78-78	.66- .70- .68
1847	Mass	190	8	F.	78-84-83	.21- .60- .42
1848	Mass	190	9	M.	75-75-75	1.25-1.25-1.25
1848	Mass	190	3	F.	78-84-80	.58- .65- .60
1849	Mass	190	6	M.	75-75-75	1.35-1.35-1.35
1849	Mass	190	2	F.	78-78-78	.58- .65- .62
1849	England ..	562	(a)	M.	60-61 —	.81- .89- —
1849	England ..	563	(a)	M.	60-60-60	.41- .79- —
1850	Mass	190	15	M.	75-75-75	1.50-1.50-1.50
1850	Mass	190	3	F.	78-78-78	.60- .75- .65
1850	R. I	190	2	M.	84-84-84	1.08-1.08-1.08
1850	England ..	45	(a)	M.	(a)	1.28-1.28-1.28
1851	Mass	190	37	M.	72-75-73	.58-1.63-1.15
1851	Mass	190	2	F.	78-78-78	.82- .82- .82
1851	R. I	190	2	M.	84-84-84	1.08-1.08-1.08
1851	Scotland ..	188	(a)	(a)	(a)	1.28-1.28-1.28
1852	Mass	190	36	M.	72-75-73	.58-1.63-1.10
1852	Mass	190	5	F.	72-78-77	.45- .62- .56
1852	R. I.....	190	2	M.	84-84-84	1.08-1.08-1.08
1853	Mass	190	14	M.	75-75-75	1.52-1.52-1.52
1853	Mass	190	5	F.	78-78-78	.50- .72- .65
1853	R. I.....	190	2	M.	84-84-84	1.08-1.08-1.08
1854	Mass	190	14	M.	66-66-66	1.60-1.60-1.60
1854	Mass	190	6	F.	78-78-78	.50- .72- .60
1854	R. I.....	190	2	M.	84-84-84	1.08-1.08-1.08
1855	Mass	190	35	M.	66-72-70	.63-1.67-1.05
1855	Mass	190	4	F.	78-78-78	.50- .65- .54
1855	R. I.....	190	2	M.	84-84-84	1.00-1.00-1.00
1856	Mass	190	14	M.	66-66-66	1.74-1.74-1.74
1856	R. I.....	190	2	M.	84-84-84	1.00-1.00-1.00
1856	Scotland ..	188	(a)	(a)	(a)	1.60-1.60-1.60
1857	Mass	190	20	M.	66-72-68	.60-1.68-1.45
1857	Mass	190	12	F.	72-72-72	.40-1.25- .90
1857	R. I.....	190	2	M.	84-84-84	1.00-1.00-1.00
1858	Mass	190	20	M.	66-72-68	.60-1.74-1.49
1858	Mass	190	11	F.	72-78-73	.48-1.08- .84
1858	R. I.....	190	2	M.	84-84-84	1.00-1.00-1.00
1858	England ..	562	(a)	M.	(a)	.16- .89- —
1858	Scotland ..	188	(a)	(a)	(a)	1.40-1.40-1.40
1859	Mass	190	16	M.	66-72-67	1.00-1 79-1.69
1859	Mass	190	10	F.	72-78-73	.50-1.10- .86
1859	R. I.....	190	2	M.	84-84-84	1.00-1.00-1.00
1859	England ..	562	(a)	M.	60-61 —	.81- .89- —
1859	England ..	563	(a)	M.	60-60-60	.24- .83- —
1859	Scotland ..	188	(a)	(a)	60-60-60	.80- .80- .80
1860	Mass	190	16	M.	66-72-67	.74-1.64-1.56
1860	Mass	190	13	F.	72-78-73	.50-1.38- .98
1860	R. I.....	190	2	M.	78-78-78	1.00-1.00-1.00
1860	England ..	45	(a)	M.	(a)	1.51-1.51-1.51
1860	England ..	563	(a)	M.	(a)	.16- .89- —

a Not reported. b Average for 1867–68. c Applies to but 8 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Russia	609	(a) M.	(a)	0.35-0.35-0.35
1861 Mass	190	17 M.	66-66-66	.86-1.80-1.66
1861 Mass	190	11 F.	66-78-69	.65-1.30-1.03
1861 R. I	190	2 M.	78-78-78	.92- .92- .92
1862 Mass	190	12 M.	66-66-66	.68-1.87-1.70
1862 Mass	190	9 F.	66-72-68	.40- .90- .74
1862 R. I	190	2 M.	78-78-78	.92- .92- .92
1862 England	564	(a) M.	60-60-60	.65- .81- —
1863 Mass	190	1 M.	66-66-66	.86- .86- .86
1863 Mass	190	13 F.	66-66-66	.45-1.92-1.61
1863 R. I	190	2 M.	78-78-78	.92- .92- .92
1863 France	463	(a) (a)	71-71-71	.30- .30- .30
1864 Mass	190	13 M.	66-66-66	.85-1.80-1.67
1864 Mass	190	5 F.	66-66-66	.67-1.50-1.11
1864 R. I	190	2 M.	78-78-78	.92- .92- .92
1865 Mass	190	14 M.	66-66-66	.58-1.94-1.59
1865 Mass	190	11 F.	66-66-66	.58-1.50- .94
1865 R. I	190	2 M.	78-78-78	1.00-1.00-1.00
1866 Conn	190	1 M.	66-66-66	1.50-1.50-1.50
1866 Mass	190	24 M.	66-66-66	.92-2.25-1.78
1866 Mass	190	11 F.	66-66-66	.72-2.00-1.23
1866 R. I	190	2 M.	78-78-78	1.25-1.25-1.25
1866 England	566	(a) M.	60-60-60	.28- .89- —
1866 Ireland	566	(a) M.	60-60-60	1.22-1.22-1.22
1866 Ireland	566	(a) F.	60-60-60	.37- .37- .37
1866 Scotland	566	(a) M.	60-60-60	1.34-1.34-1.34
1867 Conn	190	2 M.	66-66-66	1.38-1.50-1.44
1867 Mass	190	17 M.	66-66-66	1.33-2.27-2.15
1867 Mass	190	8 F.	66-66-66	.75-2.10-1.59
1867 N. H	7	3 F.	74-74-74	.67-1.00- .86
1867 R. I	190	2 M.	78-78-78	1.50-1.50-1.50
1868 Mass	190	18 M.	66-66-66	1.98-2.25-2.19
1868 Mass	190	12 F.	66-66-66	1.00-2.10-1.51
1868 R. I	190	3 M.	72-72-72	1.50-1.50-1.50
(b) England	567	(a) M.	60-60-60	.28- .89- —
(b) England	567	(a) F.	60-60-60	.57- .57- .57
1868 Germany	610	(a) M.	72-78 —	.18- .49- —
1868 Germany	610	(a) F.	72-78 —	.12- .16- —
(b) Ireland	567	(a) M.	63-63-63	.49- .49- .49
1869 Mass	190	14 M.	66-66-66	2.00-2.18-2.15
1869 Mass	190	3 F.	66-66-66	.96-1.86-1.51
1869 R. I	190	3 M.	72-72-72	1.50-1.50-1.50
1869 Switzerl'd	611	(a) (a)	72-72-72	.78- .78- .78
1870 Mass	7	2 M.	66-66-66	1.75-2.17-1.96
1870 Mass	190	17 M.	66-66-66	2.00-2.26-2.23
1870 Mass	190	2 F.	66-66-66	.92-2.00-1.46
1870 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1870 England	45	(a) M.	(a)	1.74-1.74-1.74
1870 Norway	610	(a) M.	(a)	.54- .72- —
1871 Mass	190	19 M.	66-66-66	1.25-2.76-2.47
1871 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1871 England	568	(a) M.	59-59-59	.65- .81- —
1871 England	629	(a) M.	c 60-60-60	.57-1.05- —
1871 England	629	(a) (a)	(a)	.41- .41- .41
1871 Norway	185	(a) (a)	(a)	.53- .53- .53
1871 Scotland	185	(a) M.	60-60-60	.89-1.41- —
1871 Scotland	629	(a) M.	60-60-60	1.42-1.42-1.42
1872 Mass	190	14 M.	60-60-60	1.75-2.81-2.54
1872 Mass	190	1 F.	66-66-66	1.75-1.75-1.75
1872 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1872 Aust-Hun	185	(a) (a)	(a)	.32- .57- —
1872 England	185	(a) M.	d 59-59-59	.65-1.41- —
1872 Germany	185	(a) M.	e 60-90 —	.19- .72- —
1872 Germany	185	(a) F.	(a)	.30- .36- —
1872 Switzerl'd	612	(a) (a)	(a)	.48- .48- .48
1873 Mass	190	16 M.	60-66-66	1.40-2.76-2.44
1873 Mass	190	2 F.	66-66-66	.83-1.75-1.29
1873 Pa	379	2 M.	(a)	2.45-2.45-2.45
1873 Pa	379	1 F.	(a)	1.16-1.16-1.16
1873 Pa	379	6 (a)	(a)	0.50-0.50-0.50
1873 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1874 Conn	190	3 M.	66-66-66	1.50-1.80-1.68
1874 Mass	190	16 M.	66-66-66	1.40-2.58-2.34
1874 Mass	190	1 F.	66-66-66	.60- .60- .60
1874 R. I	190	4 M.	72-72-72	1.50-1.50-1.50
1874 England	569	(a) M.	56-60 —	.24-1.05- —
1875 Conn	190	2 M.	66-66-66	1.75-1.80-1.78
1875 Me	7	1 M.	64-64-64	1.75-1.75-1.75
1875 Mass	190	19 M.	60-60-60	.70-2.73-2.19
1875 Mass	190	1 F.	60-60-60	.60- .60- .60
1875 Mass	270	22 M.	(a)	1.15-4.00-1.90
1875 Mass	270	7 F.	(a)	1.00-1.89-1.25
1875 R. I	190	4 M.	72-72-72	1.67-1.67-1.67
1876 Conn	190	3 M.	66-66-66	1.80-1.80-1.80
1876 Mass	190	18 M.	60-60-60	.70-2.83-2.18
1876 Mass	190	1 F.	60-60-60	.60- .60- .60
1876 N. H	7	2 M.	66-66-66	1.40-1.40-1.40
1876 Pa	381	32 M.	(a)	.67-2.50-1.52
1876 Pa	381	6 F.	(a)	1.00-1.00-1.00
1876 Pa	382	2 M.	(a)	1.67-2.07-1.87
1876 R. I	190	4 M.	72-72-72	1.67-1.67-1.67
1877 Conn	190	4 M.	66-66-66	1.50-1.80-1.73
1877 Me	7	3 M.	66-66-66	.88-1.17-1.03
1877 Mass	190	18 M.	60-60-60	.70-2.59-2.04
1877 Mass	190	1 F.	60-60-60	.60- .60- .60
1877 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1877 England	570	(a) M.	57-57-57	1.14-1.68- —
1877 Ireland	570	(a) M.	56-56-56	1.30-1.30-1.30
1878 Conn	190	3 M.	66-66-66	1.50-1.80-1.70
1878 Mass	190	18 M.	60-60-60	.70-2.36-1.97
1878 Mass	190	2 F.	60-60-60	.60- .80- .70
1878 N. H	7	2 M.	60-60-60	1.00-1.50-1.25
1878 Pa	383	12 M.	(a)	1.20-1.20-1.20
1878 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1879 Conn	190	2 M.	66-66-66	1.25-1.38-1.32
1879 Mass	190	19 M.	60-60-60	.50-2.48-1.94
1879 Mass	190	1 F.	60-60-60	.50- .50- .50
1879 Pa	384	1 M.	66-66-66	1.60-1.60-1.60
1879 Pa	384	6 (a)	(a)	.75- .75- .75
1879 R. I	190	4 M.	72-72-72	1.75-1.75-1.75
1880 Conn	190	4 M.	66-66-66	1.53-1.53-1.53
1880 Conn	271	2 (a)	66-66-66	1.25-1.50-1.38
1880 Mass	190	20 M.	60-60-60	.40-2.21-1.79
1880 Mass	190	1 F.	60-60-60	.55- .55- .55
1880 N. Y	271	1 (a)	66-66-66	2.50-2.50-2.50
1880 R. I	190	2 M.	72-72-72	1.50-1.50-1.50
1880 England	571	(a) M.	54-54-54	1.22-1.22-1.22
1880 Scotland	571	(a) M.	56-56-56	1.01-1.22- —
1881 Conn	190	4 M.	66-66-66	1.58-1.58-1.58
1881 Mass	190	18 M.	60-60-60	1.00-2.14-1.85
1881 Mass	190	3 F.	60-60-60	.60- .70- .67
1881 N. H	7	46 M.	65-65-65	.80-2.16-1.61
1881 N. H	7	17 F.	65-65-65	.80-1.85-1.28
1881 R. I	190	2 M.	72-72-72	1.50-1.50-1.50
1881 Scotland	29	(a) M.	56-56-56	1.08-1.08-1.08
1882 Conn	190	10 M.	66-66-66	1.55-1.58-1.56
1882 Mass	190	23 M.	60-60-60	1.10-2.00-1.84
1882 Mass	190	3 F.	60-60-60	.60- .80- .73
1882 N. H	7	14 M.	66-66-66	1.15-1.72-1.34
1882 N. H	7	3 F.	66-66-66	1.10-1.15-1.12
1882 R. I	190	2 M.	72-72-72	1.50-1.50-1.50
1882 S. C	7	4 M.	69-69-69	1.00-1.25-1.10
1882 Belgium	36	(a) M.	70-70-70	.67- .67- .67
1882 Canada	33	(a) (a)	60-60-60	.75- .75- .75
1882 England	33	(a) M.	(a)	1.62-1.62-1.62
1882 England	33	(a) (a)	(a)	2.08-2.08-2.08
1882 France	33	(a) (a)	72-72-72	.48- .77- —
1882 Germany	33	(a) M.	72-72-72	.60- .60- .60

a Not reported.
b Average for 1867–68.
c Applies to but 7 of the 10 wage quotations.
d Applies to but 3 of the 6 wage quotations.
e Applies to but 17 of the 20 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS, TEXTILES—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Germany	33	(a) F.	76-76-76	0.47-0.47-0.47
1882 Germany	33	(a) (a)	67-84 —	.14- .56- —
1882 Germany	40	(a) (a)	66-66-66	.80- .80- .80
1882 Scotland	34	(a) M.	56-56-56	1.08-1.08-1.08
1882 Switzerl'd	33	(a) (a)	66-66-66	.87- .87- .87
1883 Conn	190	5 M.	66-66-66	1.60-1.60-1.60
1883 Ga	7	1 M.	66-66-66	1.75-1.75-1.75
1883 Mass	190	23 M.	60-66-60	.85-2.34-2.07
1883 Mass	190	2 F.	60-60-60	1.00-1.00-1.00
1883 Mass	273	90 M.	(a)	1.00-2.22-1.75
1883 Mass	273	61 F.	(a)	.70-1.42-1.03
1883 Mass	273	5 (a)	(a)	.45- .75- .51
1883 N. H	7	1 M.	66-66-66	1.90-1.90-1.90
1883 R. I	190	3 M.	72-72-72	1.50-1.50-1.50
1883 England	43	(a) M.	57-57-57	1.38-1.38-1.38
1883 England	45	(a) M.	56-56-56	1.83-1.83-1.83
1883 England	178	(a) M.	(a)	1.58-1.58-1.58
1883 England	572	(a) M.	b54-60 —	.97-1.46- —
1883 Gr't Brit	273	(a) M.	(a)	.97-2.43- —
1883 Gr't Brit	273	(a) (a)	(a)	.57- .69- —
1883 Ireland	572	(a) M.	56-56-56	1.42-1.42-1.42
1883 Scotland	43	(a) M.	56-56-56	1.05-1.05-1.05
1883 Scotland	572	(a) M.	56-56-56	1.01-1.01-1.01
1884 Conn	190	5 M.	66-66-66	1.45-1.45-1.45
1884 Mass	190	22 M.	60-60-60	.90-2.14-1.94
1884 Mass	190	2 F.	60-60-60	1.00-1.20-1.10
1884 N. H	7	2 M.	60-60-60	1.00-1.40-1.20
1884 R. I	190	3 M.	72-72-72	1.50-1.50-1.50
1884 Belgium	178	(a) M.	60-60-60	.68- .68- .68
1884 Canada	466	(a) M.	60-60-60	1.04-1.50- —
1884 Canada	466	(a) F.	60-60-60	.63- .63- .63
1884 England	178	(a) M.	c56-56-56	.20-2.08- —
1884 Germany	178	(a) M.	d72-72-72	.43-1.43- —
1884 Germany	556	(a) F.	66-66-66	.28- .40- —
1884 Russia	178	(a) (a)	72-78 —	.22- .26- —
1884 Scotland	178	(a) M.	56-56-56	1.07-1.07-1.07
1885 Cal	1	1 M.	60-60-60	2.75-2.75-2.75
1885 Conn	1	6 M.	66-69-67	1.30-1.50-1.37
1885 Conn	190	10 M.	66-66-66	1.58-1.60-1.59
1885 Del	1	7 M.	60-60-60	.91-2.33-1.11
1885 Ill	1	5 F.	63-63-63	.44- .44- .44
1885 Ind	1	3 M.	66-66-66	1.33-1.75-1.53
1885 Me	1	8 M.	66-66-66	.91-1.60-1.00
1885 Me	7	64 M.	64-66-64	.38-2.50-1.27
1885 Me	7	76 F.	64-64-64	.42-1.57- .86
1885 Md	1	3 M.	66-66-66	.80- .80- .80
1885 Md	1	28 F.	66-66-66	.80- .80- .80
1885 Mass	1	28 M.	60-60-60	1.33-2.00-1.61
1885 Mass	1	15 F.	60-60-60	.60-1.50- .85
1885 Mass	7	8 M.	60-60-60	1.26-2.00-1.64
1885 Mass	190	21 M.	60-60-60	1.00-2.11-1.93
1885 Mass	190	2 F.	60-60-60	1.00-1.20-1.10
1885 N. H	1	31 M.	65-66-65	.96-1.75-1.11
1885 N. H	1	93 F.	65-65-65	.93- .93- .93
1885 N. H	7	6 M.	60-66-65	1.20-1.85-1.43
1885 N. H	7	4 F.	60-60-60	.65- .97- .76
1885 N. J	1	2 M.	60-60-60	1.54-1.54-1.54
1885 N. Y	1	18 M.	60-69-67	1.00-2.25-1.52
1885 Pa	1	18 M.	60-60-60	.67-2.00-1.26
1885 R. I	190	4 M.	72-72-72	1.67-1.67-1.67
1885 Tenn	7	3 M.	67-67-67	.90- .90- .90
1885 Vt	1	4 M.	66-66-66	1.23-1.23-1.23
1885 Vt	7	5 M.	60-60-60	1.00-1.35-1.28
1885 Va	1	2 M.	66-66-66	.50- .75- .63
1885 Belgium	1	(a) M.	75-75-75	.52- .52- .52
1885 Canada	467	(a) M.	60-63 —	.77-1.85- —
1885 Canada	467	(a) F.	60-60-60	.78- .78- .78
1885 Gr't Brit	1	(a) M.	60-60-60	.75- .75- .75
1886 Conn	190	5 M.	66-66-66	1.60-1.60-1.60
1886 Iowa	7	1 M.	60-60-60	1.67-1.67-1.67
1886 Mass	190	19 M.	60-60-60	1.10-2.07-1.93
1886 Mass	190	1 F.	60-60-60	1.20-1.20-1.20
1886 N. H	7	7 M.	60-60-60	1.05-1.72-1.32
1886 Pa	7	8 M.	(a)	1.67-2.50-1.93
1886 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1886 Canada	468	(a) M.	60-61 —	.64-1.49- —
1886 Canada	468	(a) F.	60-60-60	.74- .74- .74
1886 England	600	(a) M.	57-57-57	.82-1.26- —
1886 England	601	(a) M.	56-57 —	.61-1.45- —
1886 Ireland	600	(a) M.	57-57-57	1.11-1.38- —
1886 Scotland	600	(a) M.	57-57-57	.87-1.79- —
1886 Scotland	601	(a) M.	56-56-56	.87- .93- —
1887 Conn	190	12 M.	60-60-60	1.50-1.80-1.63
1887 Conn	202	117 M.	(a)	.79-1.79-1.50
1887 Conn	202	21 F.	(a)	.80-1.00- .83
1887 Me	253	1 M.	60-60-60	2.25-2.25-2.25
1887 Mass	190	21 M.	60-60-60	1.00-2.08-1.87
1887 Mass	190	1 F.	60-60-60	1.20-1.20-1.20
1887 N. Y	7	3 M.	60-60-60	.50-2.50-1.67
1887 Ohio	369	3 M.	60-60-60	1.75-1.75-1.75
1887 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1887 R. I	396	1 M.	60-60-60	1.65-1.65-1.65
1887 Wis	409	4 (a)	(a)	1.75-2.25-2.13
1888 Cal	194	1 M.	(a)	2.50-2.50-2.50
1888 Conn	6	5 M.	(a)	1.80-1.80-1.80
1888 Conn	190	13 M.	60-66-62	1.38-1.80-1.59
1888 Me	254	1 F.	60-60-60	1.00-1.00-1.00
1888 Mass	190	23 M.	60-60-60	1.00-2.24-1.98
1888 N. H	6	2 M.	(a)	1.75-2.00-1.88
1888 N. J	6	2 M.	(a)	1.50-2.75-2.13
1888 N. Y	331	47 M.	(a)	1.00-2.50-2.25
1888 Pa	6	15 M.	(a)	.50-2.50-2.05
1888 Pa	6	2 F.	(a)	.50- .50- .50
1888 R. I	6	19 M.	(a)	2.00-2.00-2.00
1888 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1888 R. I	397	7 (a)	(a)	1.65-1.75-1.72
1888 Canada	470	(a) M.	58-58-58	1.40-1.40-1.40
1888 France	463	(a) (a)	71-71-71	.45- .45- .45
1889 Cal	6	2 M.	(a)	1.40-2.50-1.95
1889 Conn	6	7 M.	(a)	1.25-1.75-1.59
1889 Conn	190	9 M.	60-60-60	1.35-1.75-1.59
1889 Me	6	7 M.	e60-60-60	1.50-1.84-1.69
1889 Mass	6	32 M.	60-60-60	1.45-2.00-1.52
1889 Mass	190	30 M.	60-60-60	1.10-2.74-2.39
1889 N. H	6	2 F.	60-60-60	1.00-1.00-1.00
1889 N. Y	6	10 M.	f60-60-60	.96-1.75-1.60
1889 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1889 Canada	471	(a) M.	62-62-62	1.58-1.58-1.58
1889 France	6	(a) F.	(a)	.34- .34- .34
1889 Portugal	691	(a) (a)	(a)	.22- .24- —
1890 Conn	190	9 M.	60-60-60	1.25-1.75-1.58
1890 Me	6	3 M.	(a)	1.75-1.75-1.75
1890 Mass	6	2 M.	(a)	1.65-2.00-1.83
1890 Mass	190	27 M.	60-60-60	1.10-3.12-2.55
1890 Mo	6	1 M.	(a)	2.25-2.25-2.25
1890 N. Y	333	167 M.	(a)	.50-3.00-1.50
1890 R. I	6	7 M.	(a)	1.75-1.75-1.75
1890 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1890 Aust-Hun	632	(a) M.	(a)	.30- .41- —
1890 England	632	(a) M.	(a)	.84- .84- .84
1890 Ireland	6	(a) M.	56-56-56	.91- .91- .91
1890 Ireland	99	(a) M.	57-57-57	1.20-1.20-1.20
1890 Scotland	6	(a) M.	56-56-56	.61- .97- —
1891 Conn	190	7 M.	60-60-60	1.25-1.75-1.61
1891 Mass	190	37 M.	60-60-60	1.20-3.10-2.41
1891 N. Y	6	1 M.	60-60-60	2.00-2.00-2.00
1891 N. Y	333	182 M.	(a)	.50-3.00-1.51
1891 N. Y	333	10 (a)	(a)	.80- .90- .85

a Not reported.
b Applies to but 6 of the 7 wage quotations.
c Applies to but 4 of the 9 wage quotations.
d Applies to but 3 of the 9 wage quotations.
e Not including hours of 5 persons not reported.
f Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1891 R. I	190	4 M.	60-60-60	1.67-1.67-1.67
1891 Gr't Brit	576	(a) (a)	57-57-57	1.42-1.42-1.42
1892 Conn	190	8 M.	60-60-60	1.75-2.75-2.03
1892 Me	258	2 M.	60-60-60	1.86-1.86-1.86
1892 Mass	190	24 M.	58-58-58	1.26-2.06-1.75
1892 R. I	20	4 M.	60-60-60	1.75-1.75-1.75
1892 R. I	190	4 M.	60-60-60	1.75-1.75-1.75
1892 England	577	(a) M.	56-56-56	1.42-1.42-1.42
1892 England	577	(a) (a)	57-57-57	1.14-1.42- —
1892 France	505	(a) M.	72-72-72	.97-1.16- —
1893 R. I	20	4 M.	60-60-60	1.75-1.75-1.75
1893 France	507	(a) (a)	66-72 —	.68-1.54- —
1894 Me	260	2 M.	60-60-60	1.65-1.65-1.65
1894 N. Y	8	3 M.	60-60-60	2.25-2.25-2.25
1894 Ohio	375	2 M.	60-60-60	1.45-1.45-1.45
1894 Ohio	375	18 F.	60-60-60	.60- .60- .60
1894 R. I	20	4 M.	60-60-60	1.60-1.60-1.60
1894 R. I	401	51 (a)	(a)	1.17-3.25-1.84
1894 England	584	(a) (a)	(a)	1.22-1.42- —
1894 France	508	(a) M.	66-66-66	1.16-1.25- —
1895 Ga	7	1 M.	66-66-66	1.80-1.80-1.80
1895 Ga	8	1 M.	66-66-66	.65- .65- .65
1895 Me	7	104 M.	60-60-60	.27-2.50-1.24
1895 Me	7	81 F.	60-60-60	0.26-1.68-0.90
1895 Mass	7	16 M.	58-58-58	1.38-2.99-2.09
1895 N. H	7	96 M.	60-60-60	.90-3.00-1.62
1895 N. H	7	24 F.	60-60-60	.73-1.60-1.18
1895 R. I	20	4 M.	60-60-60	1.75-1.75-1.75
1895 Tenn	7	6 M.	67-67-67	.70-1.00- .95
1895 Vt	7	10 M.	60-60-60	.55-1.35- .78
1895 Vt	7	6 F.	60-60-60	.56-1.00- .88
1895 Aust-Hun	435	(a) M.	66-66-66	.34- .34- .34
1895 France	509	(a) (a)	66-66-66	.48- .58- —
1896 Ga	7	8 F.	66-66-66	1.00-1.25-1.11
1896 Iowa	7	1 M.	60-60-60	1.75-1.75-1.75
1896 N. H	7	8 M.	60-60-60	1.00-2.00-1.43
1896 N. Y	7	2 M.	60-60-60	.58-1.67-1.13
1896 Ohio	377	4 M.	60-60-60	1.00-1.74-1.56
1896 Ohio	377	12 F.	60-60-60	.61- .61- .61
1896 Pa	7	5 M.	60-60-60	1.67-2.00-1.93
1896 S. C	7	4 M.	66-66-66	.90-1.50-1.08
1896 Aust-Hun	436	(a) (a)	66-66-66	.28- .61- —
1896 France	510	(a) (a)	72-72-72	.58- .72- —
1897 Italy	641	(a) F.	(a)	.15- .15- .15
1898 Aust-Hun	438	(a) (a)	66-66-66	.47- .61- —

DRESSERS, TOBACCO.

1880 Pa	7	4 M.	50-50-50	1.33-1.67-1.54
1883 Mich	277	10 M.	(a)	1.67-1.67-1.67
1884 N. J	323	16 M.	(a)	2.17-2.17-2.17
1885 Ill	1	15 M.	60-60-60	.75-1.83-1.53
1885 Ky	1	6 F.	60-60-60	1.20-1.20-1.20
1885 Mich	1	12 M.	60-60-60	1.50-1.50-1.50
1885 Mich	1	4 F.	60-60-60	1.00-1.00-1.00
1885 Mo	1	12 M.	60-60-60	2.00-2.00-2.00
1885 N. Y	1	2 M.	60-60-60	2.00-2.00-2.00
1885 N. Y	1	3 F.	60-60-60	1.33-1.33-1.33
1886 Ill	208	7 (a)	48-48-48	2.50-2.50-2.50
1886 Iowa	7	2 F.	(a)	.67- .83- .75
1886 Mich	7	3 M.	60-60-60	1.25-1.83-1.53
1886 Mich	7	3 F.	60-60-60	1.00-1.00-1.00
1887 Ill	3	1 F.	60-60-60	.83- .83- .83
1887 Ohio	3	4 F.	54-60-59	.58-1.00- .76
1888 N. Y	331	6 M.	60-60-60	2.00-2.00-2.00
1890 N. Y	333	3 M.	(a)	1.50-1.50-1.50
1891 Mich	283	25 F.	(a)	.57-1.03- .74
1891 N. Y	333	7 M.	(a)	1.23-1.50-1.35
1892 Ill	210	13 F.	60-60-60	.60-1.33- .85
1893 Ohio	374	3 M.	54-60-56	1.25-2.00-1.75
1893 Ohio	374	3 F.	54-60-56	.90-1.25-1.02
1894 Ohio	375	2 F.	54-54-54	1.00-1.00-1.00
1895 N. Y	8	2 M.	60-60-60	2.33-2.33-2.33
1895 N. C	7	9 M.	60-60-60	.75-1.00- .83
1895 Ohio	376	2 F.	48-48-48	.80- .80- .80
1895 Va	8	1 M.	60-60-60	2.33-2.33-2.33
1896 Iowa	7	1 F.	60-60-60	.75- .75- .75
1896 Mich	7	3 M.	55-55-55	1.42-2.00-1.69
1896 Mich	7	3 F.	55-55-55	1.00-1.17-1.06
1896 Pa	7	5 M.	47-47-47	1.83-2.33-1.97

DRESSERS, TYPE.

1840 Pa	8	1 M.	60-60-60	1.50-1.50-1.50
1840 Scotland	563	(a) (a)	60-60-60	.89- .89- .89
1850 Scotland	563	(a) (a)	60-60-60	1.01-1.01-1.01
(b) Scotland	561	(a) (a)	(a)	1.22-1.22-1.22
1860 Scotland	563	(a) (a)	60-60-60	1.34-1.34-1.34
1861 Scotland	564	(a) (a)	60-60-60	.81-1.22- —
1871 England	629	(a) (a)	58-58-58	1.34-1.34-1.34
1880 N. Y	7	4 M.	54-54-54	2.77-2.85-2.81
1887 Wis	409	4 M.	(a)	2.00-2.00-2.00
1888 N. Y	331	18 M.	55-55-55	3.30-3.30-3.30
1890 N. Y	333	11 M.	(a)	2.67-4.17-3.77
1891 N. Y	333	12 M.	(a)	2.67-4.17-3.68
1895 N. Y	7	3 M.	54-54-54	2.72-2.74-2.73

DRESSMAKERS.

1851 N. Y	3	1 F.	(a)	1.33-1.33-1.33
1853 France	113	(a) F.	(a)	.22- .34- —
1853 France	609	(a) (a)	(a)	.48- .58- —
1860 France	609	(a) (a)	(a)	.39- .48- —
1864 England	632	(a) F.	(a)	.62- .62- .62
1869 France	609	(a) (a)	(a)	.39- .43- —
1870 Norway	610	(a) F.	(a)	.11- .22- —
1871 Mass	267	185 F.	60-60-60	1.00-2.00-1.35
1871 N. Y	3	1 F.	(a)	.33- .33- .33
1871 Aust-Hun	611	(a) F.	(a)	.24- .24- .24
1871 England	629	(a) (a)	(a)	.24-1.09- —
1871 England	629	(a) (a)	(a)	c.17-1.24- —

a Not reported.
b Average for 1855–57.
c And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSMAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Norway	185	(a)	F.	(a)	0.10-0.20- —
1872 N. Y.	3	1	F.	(a)	b2.00-2.00-2.00
1872 Aust-Hun.	185	(a)	F.	(a)	.24- .24- .24
1873 Pa	3	1	F.	(a)	.83- .83- .83
1874 Ill.	3	1	F.	(a)	1.00-1.00-1.00
1874 Pa	3	1	F.	(a)	1.17-1.17-1.17
1875 Ohio	3	1	F.	(a)	.83- .83- .83
1875 France	177	(a)	(a)	(a)	.30- .80- —
1876 Ill.	3	2	F.	(a)	1.00-1.08-1.04
1876 N. Y.	3	1	F.	(a)	.25- .25- .25
1876 Pa	3	2	F.	(a)	.67-1.17- .92
1876 Tex	3	1	F.	(a)	1.33-1.33-1.33
1877 Ill.	3	1	F.	(a)	.25- .25- .25
1877 N. J	3	1	F.	(a)	1.50-1.50-1.50
1878 Australia	177	(a)	F.	(a)	.61- .81- —
1878 France	177	(a)	(a)	(a)	.25- .50- —
1879 Ill.	3	2	F.	(a)	.33-1.00- .67
1879 Ind	3	1	F.	(a)	1.00-1.00-1.00
1879 Mass	3	1	F.	(a)	.83- .83- .83
1879 N. J	3	1	F.	(a)	1.00-1.00-1.00
1879 N. Y.	3	2	F.	(a)	.33- .83- .58
1879 Pa	3	2	F.	(a)	.67-1.25- .96
1880 Ill.	3	1	F.	(a)	1.00-1.00-1.00
1880 N. Y.	3	1	F.	(a)	.67- .67- .67
1880 Pa	3	1	F.	(a)	1.50-1.50-1.50
1880 R. I	3	1	F.	(a)	1.00-1.00-1.00
1881 Ill.	3	3	F.	(a)	.50- .83- .67
1881 Mass	3	1	F.	(a)	1.00-1.00-1.00
1882 Ill.	3	2	F.	(a)	.67- .67- .67
1882 Ill.	206	4	F.	57-57-57	.90- .90- .90
1882 Mo	3	1	F.	(a)	.42- .42- .42
1882 Mo	294	1	(a)	60-60-60	1.50-1.50-1.50
1882 N. J	3	1	F.	(a)	.67- .67- .67
1882 N. J	321	35	F.	(a)	1.00-1.00-1.00
1882 N. Y.	3	3	F.	(a)	.50- .83- .67
1882 Pa	3	1	F.	(a)	1.00-1.00-1.00
1882 Pa	3	1	F.	(a)	b.75- .75- .75
1883 Cal.	3	1	F.	(a)	1.00-1.00-1.00
1883 Ill.	3	3	F.	(a)	.50-1.00- .78
1883 Ill.	3	1	F.	(a)	b1.00-1.00-1.00
1883 Ind	3	1	F.	(a)	.92- .92- .92
1883 Ky	3	2	F.	55-57-56	.54-1.00- .77
1883 Mich	277	57	F.	(a)	.35-2.00- .87
1883 Mo	3	1	F.	(a)	.42- .42- .42
1883 N. J	3	1	F.	(a)	.92- .92- .92
1883 N. J	322	2	F.	90-96-93	.67- .83- .75
1883 N. Y.	3	3	F.	(a)	.50-3.33-1.44
1883 Pa	3	1	F.	(a)	.83- .83- .83
1883 Wis	3	1	F.	(a)	.50- .50- .50
1883 Colombia	42	(a)	F.	(a)	1.00-3.00- —
1884 Cal.	3	1	F.	(a)	1 00-1.00-1.00
1884 Cal.	192	130	F.	60-60-60	1.00-2 50-1.31
1884 Ga	3	1	F.	60-60-60	.50- .50- .50
1884 Ill.	3	3	F.	(a)	.67-1.17- .94
1884 Mass	3	1	F.	(a)	1.17-1.17-1.17
1884 Mich	278	92	F.	(a)	.17-3.00- .91
1884 Minn	3	1	F.	(a)	.33- .33- .33
1884 Mo	3	1	F.	(a)	.58- .58- .58
1884 N. J	323	302	F.	c60-72-68	.33-1.33- .88
1884 N. Y.	3	3	F.	(a)	.58-1.67-1.00
1884 Pa	3	2	F.	(a)	.25- .83- .54
1884 Pa	7	8	F.	56-56-56	.83-1.25-1.02
1884 Pa	388	1	F.	(a)	.75- .75- .75
1884 Aust-Hun.	178	(a)	F.	60-60-60	.27- .67- —
1884 Canada	178	(a)	F.	60-60-60	.67-1.00- —
1884 Canada	178	(a)	(a)	d60-64 —	.33-1.33- —
1884 Canada	466	(a)	F.	59-60 —	.66- .73- —
1884 C. of G'd H.	483	(a)	(a)	(a)	2.61-2.61-2.61
1884 Cuba	178	(a)	F.	59-59-59	.43- .54- —
1884 England	178	(a)	F.	66-66-66	.20- .65- —
1884 England	178	(a)	F.	66-66-66	b .20- .65- —
1884 France	178	(a)	F.	e 60-60-60	.29- .68- —
1884 France	178	(a)	F.	60-60-60	b .19- .39- —
1884 Germany	178	(a)	F.	72-72-72	.32- .76- —
1884 Germany	178	(a)	F.	72-72-72	b .20- .40- —
1884 Germany	556	(a)	F.	48-54 —	.18- .48- —
1884 Mexico	178	(a)	F.	60-60-60	.75-1.50- —
1884 N. Zealand	178	(a)	F.	60-60-60	.57- .69- —
1884 Russia	178	(a)	F.	(a)	.58- .58- .58
1884 Spain	178	(a)	F.	(a)	b .20- .30- —
1884 Switzerl'd.	178	(a)	F.	66-66-66	.32- .64- —
1884 Switzerl'd	178	(a)	F.	(a)	b .38- .48- —
1884 Turk. in A.	178	(a)	F.	60-60-60	.41- .81- —
1885 Cal.	3	2	F.	(a)	.50- .83- .67
1885 Ga	7	10	F.	(a)	1.00-1.25-1.10
1885 Ill.	3	1	F.	(a)	1.17-1.17-1.17
1885 Ill.	3	1	F.	(a)	b.83- .83- .83
1885 Ind	3	2	F.	(a)	.58- .58- .58
1885 Mass	3	2	F.	(a)	.50-1.33- .92
1885 Mo	3	1	F.	(a)	.75- .75- .75
1885 N. J	3	2	F.	(a)	.83-1.00- .92
1885 N. J	324	197	F.	60-72-60	.67-2.83- .99
1885 N. Y.	3	2	F.	(a)	.83-1.00- .92
1885 N. Y.	7	54	F.	54-54-54	.58-2.50-1.47
1885 N. Y.	330	27	F.	f60-72-62	.50-7.50-1.53
1885 Ohio	3	5	F.	(a)	.33- .83- .58
1885 Pa	3	4	F.	(a)	.67-1.33- .96
1885 Wis	3	1	F.	(a)	.50- .50- .50
1885 Australia	175	(a)	(a)	(a)	.61-1.42- —
1885 Canada	467	(a)	F.	57-57-57	.74- .77- —
1885 France	494	(a)	F.	(a)	.36- .39- —
1885 N. Zealand	68	(a)	F.	(a)	.49-2.44- —
1885 N. Zealand	68	(a)	(a)	(a)	1.01-2.43- —
1885 Sweden	3	(a)	F.	(a)	.50- .75- —
1886 Cal.	3	2	F.	(a)	.67- .75- .71
1886 Ill.	3	6	F.	g54-54-54	.58-2.00-1.22
1886 Ill.	7	85	F.	54-54-54	1.00-4.17-1.52
1886 Ind	3	2	F.	(a)	.83-1.00- .92
1886 Iowa	232	51	F.	66-66-66	1.07-1.07-1.07
1886 Md.	3	21	F.	h54-65-59	.25-2.00- .81
1886 Minn	3	1	F.	(a)	.42- .42- .42
1886 Minn	3	1	F.	(a)	b1.00-1.00-1.00
1886 Mo	3	21	F.	i 42-72-57	.22-2.50- .93
1886 N. J	3	5	F.	j 51-57-54	.18-1.00- .72
1886 N. J	325	1	(a)	72-72-72	1.25-1.25-1.25
1886 N. Y.	3	14	F.	i 51-66-57	.67-2.50-1.42
1886 Ohio	3	8	F.	(a)	.25-1.00- .61
1886 Pa	3	9	F.	j 53-56-55	.50-1.25- .91
1886 R. I	3	13	F.	g54-58-55	.67-1.67-1.01
1886 Wis	3	2	F.	(a)	.67-1.00- .84
1886 Argentina	57	(a)	F.	(a)	.40-2.00- —
1886 Australia	184	(a)	F.	(a)	.49-1.01- —
1886 Canada	468	(a)	F.	58-65 —	.23- .73- —
1886 C. of G'd H.	483	(a)	(a)	(a)	.56-3.08- —
1886 Germany	175	(a)	(a)	(a)	.35- .65- —
1887 Cal.	3	19	F.	j 54-60-56	.42-2.00-1.02
1887 Ill.	3	15	F.	j 50-72-54	.33-3.00-1.27
1887 Ind	3	2	F.	(a)	.50- .67- .59
1887 Ky	3	14	F.	54-65-58	.08½-2.00- .94
1887 La	3	36	F.	f 54-60-59	.25-1.42- .86
1887 Mass	3	25	F.	53-57-54	.52-1.67-1.15
1887 Minn	3	1	F.	(a)	.42- .42- .42
1887 Mont.	3	1	F.	57-57-57	2.00-2.00-2.00
1887 N. Y.	3	52	F.	g51-66-58	.17-3.00- .94

a Not reported.
b And board.
c Not including hours of 170 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 17 persons not reported.
g Not including hours of 5 persons not reported.
h Not including hours of 2 persons not reported.
i Not including hours of 3 persons not reported.
j Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRESSMAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 N. Y.	3	1 F.	54-54-54	a0.83-0.83-0.83
1887 Ohio	3	10 F.	b53-57-56	.38-1.67- .87
1887 Ohio	369	3882 F.	60-72-60	.40-4.00- .77
1887 Pa	3	3 F.	c50-53-52	.83-1.00- .89
1887 Belgium	598	(d) F.	(d)	.11- .11- .11
1887 Canada	469	(d) F.	60-60-60	.59- .59- .59
1887 Germany	632	(d) F.	(d)	.18- .36- —
1888 Cal.	194	23 F.	54-60-54	.42-2.00- .95
1888 Colo	198	40 F.	54-90-58	.33-2.67-1.21
1888 Ga	3	29 F.	c54-66-59	.83-2.00- .91
1888 Ind	3	18 F.	c54-63-57	.29-1.33- .84
1888 Iowa	233	19 F.	81-81-81	.38-1.50- .98
1888 Me	254	4 F.	60-96-69	1.00-1.25-1.06
1888 N. J.	326	1 F.	60-60-60	1.25-1.25-1.25
1888 N. Y.	331	12 F.	(d)	1.17-1.67-1.63
1888 S. C.	3	4 F.	36-48-39	.50-1.67- .84
1888 Canada	470	(d) F.	54-59 —	.57-1.00- —
1888 C. of G'd H.	484	(d) F.	(d)	.97-1.87- —
1888 C. of G'd H.	484	(d) (d)	(d)	.24-3.89- —
1888 Germany	558	(d) F.	54-60 —	.64- .82- —
1889 Kans.	243	9 F.	(d)	.92- .92- .92
1889 R. I.	398	39 F.	42-72-55	.50-2.00-1.07
1889 Australia	422	(d) F.	50-50-50	.61-2.43- —
1889 Canada	471	(d) F.	55-59 —	.64- .75- —
1889 N. Zealand	96	(d) F.	(d)	.97- .97- .97
1890 N. Y.	333	243 F.	(d)	.83-1.67-1.34
1890 Australia	423	(d) (d)	48-48-48	.53-1.42- —
1890 C. of G'd H.	485	(d) (d)	(d)	.28-4.06- —
1890 N. Zealand	683	(d) (d)	(d)	.61-1.95- —
1891 Mich.	283	754 F.	(d)	.18-1.39- .66
1891 N. Y.	333	372 F.	(d)	.83-2.00-1.47
1891 N. C.	346	1 F.	60-60-60	.75- .75- .75
1891 China	105	(d) (d)	(d)	.40- .40- .40
1891 France	505	(d) F.	54-54-54	.58-1.16- —
1891 France	522	(d) F.	(d)	.36- .36- .36
1891 N. Zealand	667	(d) (d)	(d)	.41-1.22- —
1892 Cal.	196	11 F.	54-72-56	.50-2.75-1.22
1892 Ill.	210	64 F.	48-54-50	.58-6.67-1.97
1892 Iowa	235	22 F.	54-84-62	.50-1.75- .78
1892 Me	258	174 F.	60-60-60	.33-2.50- .87
1892 Me	258	1 F.	60-60-60	f.42- .42- .42
1892 Me	258	1 F.	60-60-60	a.42- .42- .42
1892 Australia	424	(d) F.	(d)	.43-2.03- —
1892 C. of G'd H.	486	(d) F.	(d)	.37-3.73- —
1892 Germany	118	(d) F.	(d)	.18- .36- —
1893 Ill.	10	64 F.	g36-90-58	.33-3.33-1.21
1893 Ill.	10	1 F.	70-70-70	a.83- .83- .83
1893 Md.	10	2 M.	60-72-66	1.00-1.00-1.00
1893 Md.	10	89 F.	c46-84-62	.17-2.00- .87
1893 Mont	307	31 F.	b42-51-48	0.17-5.75-1.66
1893 N. J.	327	86 F.	58-58-58	.42-2.50-1.07
1893 N. Y.	10	1 M.	68-68-68	1.67-1.67-1.67
1893 N. Y.	10	50 F.	b36-72-57	.33-2.50-1.16
1893 Pa	10	6 M.	50-60-57	.50-4.17-2.13
1893 Pa	10	55 F.	36-72-59	.33-2.00-1.04
1893 Aust-Hun	448	(d) M.	66-66-66	.14- .81- —
1893 Aust-Hun	448	(d) F.	66-66-66	.10- .61- —
1893 N. Zealand	682	(d) (d)	(d)	.49-1.46- —
1893 Wales	632	(d) F.	h56-56-56	.16- .51- —
1894 Ind	228	30 F.	55-58-57	.25-2.00- .98
1894 Iowa	235	7 F.	60-72-62	.50-1.67-1.18
1894 Kans.	248	131 F.	61-61-61	1.18-1.18-1.18
1894 N. Y.	11	3 F.	(d)	1.50-1.50-1.50
1894 Ohio	374	2 F.	(d)	.58-1.33- .96
1894 Pa	393	18 F.	c48-84-58	.67-1.50-1.06
1894 Australia	425	(d) (d)	(d)	.57-1.22- —
1894 C. of G'd H.	487	(d) (d)	i48-54 —	.41-3.08- —
1894 France	506	(d) F.	j60-72 —	.29-7.40- —
1895 La	7	1 M.	60-60-60	5.83-5.83-5.83
1895 La	7	73 F.	60-60-60	.33-4.17-1.30
1895 Me	7	22 F.	57-57-57	.38-1.50-1.02
1895 N. Y.	7	75 F.	54-54-54	.67-2.67-1.45
1895 Ohio	376	17 F.	60-60-60	.53-1.34- .72
1895 Australia	426	(d) (d)	(d)	.57-1.22- —
1895 N. Zealand	184	(d) F.	(d)	.75- .75- .75
1895 Nicaragua	140	(d) (d)	(d)	a.30-1.00- —
1896 Colo	200	49 F.	54-54-54	1.35-2.00-1.68
1896 Fla.	15	1 F.	(d)	1.33-1.33-1.33
1896 Ga	7	40 F.	54-57-56	.83-1.67-1.10
1896 Ga	15	1 F.	(d)	1.00-1.00-1.00
1896 Ill.	7	134 F.	54-54-54	.83-4.17-1.35
1896 Ill.	12	1 F.	(d)	.25- .25- .25
1896 Mass	15	1 F.	(d)	1.17-1.17-1.17
1896 Pa	7	23 F.	56-59-58	.67-1.50- .94
1896 Algeria	505	(d) F.	(d)	.39- .68- —
1896 Algeria	505	(d) F.	(d)	k.03¾- .07- —
1896 Australia	184	(d) F.	(d)	.49-1.01- —
1896 Australia	427	(d) (d)	(d)	.57-1.22- —
1896 Corsica	505	(d) F.	(d)	.24- .24- .24
1896 Corsica	505	(d) F.	(d)	k.03- .03- .03
1896 France	505	(d) F.	(d)	.19- .87- —
1896 France	505	(d) F.	(d)	a.14- .36- —
1896 France	505	(d) F.	(d)	k.01½- .08½—
1896 France	505	(d) F.	(d)	l.01½-.04⅝- —
1897 Australia	428	(d) (d)	(d)	.30-1.42- —
1898 Mich.	290	101 F.	(d)	.74-1.50- .93
1898 Nebr	314	6 (d)	60-60-60	.75-2.00-1.17
1898 Australia	429	(d) (d)	(d)	.30-1.22- —

DRESS SHIELD MAKERS.

1886	Md.	3	1	F.	57-57-57	1.00-1.00-1.00	1893	N. Y.	10	1	F.	60-60-60	1.00-1.00-1.00
1887	N. Y.	3	7	F.	43-61-51	.92-1.67-1.20							

DRIERS, BRICK.

1853	France	609	(d)	(d)	72-72-72	.87- .87- .87	1869	France	609	(d)	(d)	72-72-72	.68-1.16- —
1860	France	609	(d)	(d)	72-72-72	.58- .58- .58							

a And board.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.
d Not reported.
e Not including hours of 3 persons not reported.
f And dinner.
g Not including hours of 2 persons not reported.
h Applies to but 2 of the 3 wage quotations.
i Applies to but 7 of the 8 wage quotations.
j Applies to but 12 of the 15 wage quotations.
k Per hour.
l Per hour, and board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIERS, BUTTONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1830 Conn	8	1 M.	60-60-60	0.25-0.25-0.25	1895 Conn	8	2 M.	60-60-60	0.75-1.00-0.88
1862 Mass	8	1 M.	60-60-60	1.00-1.00-1.00					

DRIERS, DRUGS.

1840 Pa	8	4 M.	72-72-72	1.00-1.00-1.00	1895 Md	8	1 M.	60-60-60	1.33-1.33-1.33
1840 Pa	8	1 F.	72-72-72	.50- .50- .50	1895 Pa	8	5 M.	60-60-60	1.50-1.50-1.50
1860 Md	8	1 M.	60-60-60	1.00-1.00-1.00	1895 Pa	8	1 F.	60-60-60	1.00-1.00-1.00
1892 France	505	(a) M.	74-74-74	.64- .64- .64					

DRIERS, GUTTA-PERCHA.

1892 Russia	692	(a)	(a)	(a)	.31- .58- —				

DRIERS, HATS AND CAPS.

1863 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50	1896 Conn	8	3 M.	60-60-60	1.25-2.00-1.58
1888 N. Y	331	4 M.	(a)	1.25-1.25-1.25	1896 Mass	8	1 M.	60-60-60	1.25-1.25-1.25

DRIERS' HELPERS, LUMBER.

1894 N. Y	8	2 M.	60-60-60	1.00-1.00-1.00	1895 N. Y	8	2 M.	60-60-60	1.25-1.50-1.38
1895 N. J	8	1 M.	59-59-59	.67- .67- .67	1896 Fla	7	5 M.	60-60-60	.25- .42- .33

DRIERS' HELPERS, TEXTILES.

1885 Mass	7	2 M.	60-60-60	.61- .70- .66	1895 Mass	7	1 M.	58-58-58	.64- .64- .64
1885 Pa	7	19 M.	60-60-60	.46- .58- .47	1896 Pa	7	13 M.	60-60-60	.46- .75- .49
1886 Pa	7	6 M.	60-60-60	1.04-1.33-1.20					

DRIERS, IRON AND COPPER ORE.

1888 Mich	280	6 M.	60-72-62	.54-1.53-1.32	1889 Wis	5	4 M.	b 60-60-60	1.25-1.60-1.49
1889 Mich	5	5 M.	60-60-60	1.40-1.50-1.48					

DRIERS, LAUNDRY.

1884 N. J	323	1 M.	54-54-54	1.25-1.25-1.25	1888 Ga	3	1 F.	60-60-60	.67- .67- 67
1887 Ill	3	1 F.	64-64-64	1.17-1.17-1.17	1888 Ind	3	2 F.	(a)	83-1.00- .92
1887 La	3	3 F.	(a)	.25- .25- .25	1889 Cal	195	23 M.	(a)	.77-1.05- .94
1887 Mass	3	1 F.	58-58-58	.50- .50- .50	1892 France	505	(a) M.	60-60-60	.39- .48- —
1887 N. Y	3	2 F.	59-60-60	.92- .92- .92	1894 D. C	8	4 M.	54-54-54	.83- .83- .83
1887 Ohio	3	2 F.	57-57-57	.75-1.00- .88					

a Not reported. b Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIERS, LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Fla	7	3	M.	60-60-60	0.42-0.50-0.47	1895 N. J	8	1	M.	59-59-59	2.50-2.50-2.50
1885 N. Y	1	18	M.	60-60-60	1.50-3.00-1.80	1895 N. Y	8	15	M.	60-60-60	2.00-2.00-2.00
1894 N. Y	8	4	M.	60-60-60	1.50-1.50-1.50	1896 Fla	7	5	M.	60-60-60	.42- .67- .48

DRIERS, PAPER MILL.

1866 Scotland	566	(a)	M.	(a)	.61- .67- —	1886 Pa	3	1	F.	51-51-51	1.00-1.00-1.00
1885 Mass	7	5	M.	60-60-60	1.25-2.25-1.62	1895 Mass	7	9	M.	58-60-60	.75-2.00-1.23
1885 N. J	7	11	M.	65-65-65	1.50-2.33-1.68	1895 N. J	7	3	M.	59-59-59	1.70-2.50-2.00
1886 N. Y	3	5	F.	59-62-60	.50- .58- .54	1896 Ohio	377	2	M.	60-60-60	1.00-1.00-1.00

DRIERS, RUBBER AND RUBBER GOODS.

1896 Mass	8	1	M.	60-60-60	1.33-1.33-1.33	1896 R. I	8	3	M.	60-60-60	1.25-1.25-1.25

DRIERS, TANNERY.

1866 Mass	8	4	M.	60-60-60	.67-1.67- .92	1891 Italy	638	(a)	M.	60-65 —	.39- .58- —
1868 Mass	8	2	M.	60-60-60	1.50-1.50-1.50	1892 France	505	(a)	M.	59-59-59	2.32-2.32-2.32
1870 Mass	8	1	M.	60-60-60	1.50-1.50-1.50	1892 Italy	639	(a)	M.	60-60-60	.39- .58- —
1890 N. Y	333	6	M.	(a)	1.50-1.50-1.50	1896 Mass	8	9	M.	60-60-60	1.00-1.50-1.26
1891 N. Y	333	6	M.	(a)	1.50-1.50-1.50	1896 N. Y	8	4	M.	60-60-60	1.50-1.50-1.50

DRIERS, TEXTILES.

1833 England	624	(a)	M.	(a)	.47- .61- —	1883 Mass	273	5	(a)	(a)	.60- .96- .80
1841 England	625	(a)	(a)	(a)	.16- .30- —	1883 N. J	322	2	M.	60-60-60	1.50-1.50-1.50
1845 N. Y	8	2	M.	78-78-78	.60- .60- .60	1883 England	43	(a)	(a)	(a)	.62- .62- .62
1850 England	8	(a)	M.	72-72-72	.49- .61- —	1883 England	45	(a)	M.	(a)	1.12-1.12-1.12
1850 England	45	(a)	M.	(a)	.80- .80- .80	1883 Gr't Brit	273	(a)	M.	(a)	.77- .99- —
1860 Pa	8	2	M.	60-60-60	.75- .75- .75	1883 Ireland	43	(a)	F.	(a)	.28- .28- .28
1860 England	45	(a)	M.	(a)	1.08-1.08-1.08	1884 N. H	7	3	M.	(a)	1.38-1.50-1.43
1860 Russia	609	(a)	M.	(a)	.20- .25- —	1885 Conn	1	5	M.	66-69-67	.43- .75- .56
(b) England	567	(a)	M.	60-60-60	.32- .81- —	1885 Conn	7	24	M.	60-60-60	1.40-1.80-1.51
1868 Germany	610	(a)	F.	72-72-72	.16- .20- —	1885 Me	1	1	M.	66-66-66	1.10-1.10-1.10
(b) Ireland	567	(a)	M.	63-63-63	.57- .57- .57	1885 Mass	1	19	M.	60-60-60	1.00-1.00-1.00
1869 Russia	185	(a)	M.	(a)	.19- .21- —	1885 Mass	7	2	M.	60-60-60	1.25-1.25-1.25
1870 Mass	7	1	M.	66-66-66	1.25-1.25-1.25	1885 Mass	7	2	F.	60-60-60	.50- .50- .50
1870 England	45	(a)	M.	(a)	.89- .89- .89	1885 Minn	7	8	M.	(a)	1.00-1.50-1.30
1871 Mass	267	16	M.	(a)	1.50-1.50-1.50	1885 N. H	1	2	M.	66-66-66	1.15-1.15-1.15
1871 England	629	(a)	(a)	(a)	.73- .73- .73	1885 N. H	7	1	M.	66-66-66	1.25-1.25-1.25
1872 Aust-Hun	185	(a)	(a)	(a)	.24- .32- —	1885 N. J	324	64	M.	60-60-60	1.33-2.50-1.66
1872 England	185	(a)	M.	(a)	.69- .69- .69	1885 N. J	324	2	F.	60-60-60	.71- .83- .77
1872 Germany	185	(a)	F.	66-66-66	.20- .20- .20	1885 N. Y	1	78	M.	60-66-64	.58-1.30-1.06
1874 England	569	(a)	M.	56-60 —	.61- .89- —	1885 N. Y	1	1	F.	66-66-66	1.00-1.00-1.00
1876 Pa	381	2	M.	(a)	.75- .75- .75	1885 Pa	7	16	M.	60-60-60	1.33-1.42-1.34
1876 Pa	381	3	F.	(a)	.50- .50- .50	1885 Vt	1	4	M.	66-66-66	1.02-1.02-1.02
1877 England	45	(a)	M.	(a)	1.41-1.41-1.41	1885 Vt	7	12	M.	60-60-60	.45-1.13- .71
1877 England	570	(a)	M.	56-56-56	.85- .93- —	1885 Belgium	1	(a)	M.	75-75-75	.66- .66- .66
1880 Mass	7	5	M.	60-60-60	1.10-1.10-1.10	1885 Germany	1	(a)	M.	72-72-72	.35- .35- .35
1880 N. H	7	1	M.	69-69-69	1.00-1.00-1.00	1886 N. J	325	13	F.	60-60-60	.75-1.00- .92
1881 N. H	7	31	M.	65-65-65	.50-1.58- .95	1886 Pa	7	8	M.	c60-60-60	.71-1.50-1.15
1881 N. H	7	12	F.	65-65-65	.75- .75- .75	1886 Belgium	456	(a)	M.	(a)	.39- .39- .39
1882 N. J	321	15	M.	60-66-65	.58-1.20-1.12	1887 Conn	202	13	M.	(a)	1.45-1.45-1.45
1882 France	40	(a)	(a)	72-72-72	.55- .55- .55	1887 N. Y	3	1	F.	60-60-60	.75- .75- .75
1883 Mass	273	32	M.	(a)	.98-2.00-1.12	1888 Conn	6	1	M.	(a)	1.15-1.15-1.15

a Not reported.
b Average for 1867–68.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. H	6	2 M.	(a)	1.00-1.25-1.13
1888 N. Y	331	6 M.	(a)	1.50-1.50-1.50
1888 R. I	6	7 M.	b 60-60-60	.60-1.00- .83
1889 Conn	6	4 M.	(a)	.45-1.15- .64
1889 Me	6	6 M.	c 60-60-60	1.10-1.50-1.27
1889 Mass	6	1 M.	60-60-60	1.75-1.75-1.75
1889 N. H	6	10 M.	60-60-60	1.00-1.30-1.25
1889 N. Y	6	77 M.	d 60-60-60	.65-1.25-1.16
1889 N. Y	6	2 F.	60-60-60	.75- .75- .75
1889 Pa	6	1 M.	(a)	1.50-1.50-1.50
1889 Tenn	6	8 M.	66-66-66	.50- .90- .67
1889 Italy	637	(a) M.	(a)	.40- .40- .40
1889 Portugal	691	(a) F.	(a)	.13- .22- —
1890 Me	6	6 M.	b 60-60-60	1.00-1.25-1.13
1890 Mo	6	4 M.	(a)	.50- .60- .53
1890 N. H	6	4 M.	60-60-60	1.20-1.20-1.20
1890 N. J	6	3 M.	e 60-60-60	.50-1.50- .83
1890 N. Y	6	1 M.	60-60-60	1.00-1.00-1.00
1890 N. Y	333	14 M.	(a)	.70-1.50-1.05
1890 Pa	6	1 M.	60-60-60	.75- .75- .75
1890 Germany	6	(a) M.	f 66-66-66	.19- .67- —
1890 Germany	6	(a) F.	(a)	.28- .39- —
1890 Germany	615	(a) (a)	63-63-63	.61- .61- .61
1891 Me	257	1 M.	60-60-60	1.25-1.25-1.25
1891 N. J	6	2 M.	60-60-60	1.25-1.25-1.25
1891 N. Y	6	3 M.	60-60-60	.75-1.25-1.04
1891 N. Y	333	15 M.	(a)	.70-1.75-1.25
1891 Belgium	457	(a) M.	72-72-72	.44- .58- —
1891 Italy	634	(a) M.	(a)	0.44-0.44-0.44
1891 Italy	638	(a) M.	69-72 —	.40- .54- —
1892 Australia	424	(a) (a)	(a)	1.01-1.82- —
1892 England	111	(a) (a)	(a)	.81- .81- .81
1892 France	505	(a) M.	69-69-69	.39- .39- .39
1892 Russia	692	(a) (a)	(a)	.18- .51- —
1893 Ireland	632	(a) F.	(a)	.24- .32- —
1893 Italy	639	(a) M.	68-68-68	.43- .43- .43
1894 N. Y	8	10 M.	60-66-61	.70-2.25-1.22
1894 Ohio	375	1 M.	60-60-60	.75- .75- .75
1895 Ga	7	2 M.	66-66-66	.83-1.10- .97
1895 Me	7	3 M.	60-60-60	.75-1.00- .87
1895 Mass	7	9 M.	58-58-58	1.11-1.50-1.26
1895 Mass	8	8 M.	60-60-60	1.65-1.65-1.65
1895 N. H	7	34 M.	60-60-60	.75-1.40-1.10
1895 N. J	7	5 M.	60-60-60	1.50-1.67-1.60
1895 N. Y	8	2 M.	60-60-60	.85- .85- .85
1895 N. C	8	5 M.	66-70-67	.65- .85- .78
1895 Pa	8	12 M.	60-60-60	.83-1.50-1.13
1895 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1895 Vt	7	8 M.	60-60-60	.63-1.00- .74
1896 Conn	7	43 M.	60-60-60	1.00-1.50-1.46
1896 Conn	8	8 M.	60-60-60	1.25-1.25-1.25
1896 Ga	7	1 M.	66-66-66	.75- .75- .75
1896 Pa	7	37 M.	60-60-60	.70-2.67-1.28
1896 England	139	(a) M.	(a)	.98-1.05- —
1896 France	510	(a) (a)	66-66-66	.53- .53- .53
1897 Pa	395	8 M.	(a)	.53-1.41- .88

DRIERS, TOBACCO.

1860	England	563	(a)	M.	(a)	1.01-1.01-1.01	1891	N. Y	333	3	M.	(a)	1.67-2.00-1.89
1870	N. C	8	2	M.	60-60-60	.50- .50- .50	1892	France	505	(a)	M.	60-60-60	.77- .77- .77
1871	England	629	(a)	M.	56-56-56	.73-1.22- —	1892	Russia	692	(a)	(a)	(a)	.16- .68- —
1876	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1894	N. Y	8	1	M.	60-60-60	1.25-1.25-1.25
1882	Mo	294	1	M.	60-60-60	.83- .83- .83	1894	N. C	8	14	M.	60-60-60	.60- .75- .73
1884	N. J	323	80	M.	(a)	1.33-1.67-1.48	1894	Ohio	375	20	M.	(a)	1.15-1.15-1.15
1884	N. J	323	27	F.	(a)	1.00-1.00-1.00	1895	N. J	8	14	M.	60-60-60	1.50-1.50-1.50
1884	France	178	(a)	(a)	60-60-60	.33- .44- —	1895	N. Y	7	23	M.	55-55-55	1.92-1.92-1.92
1885	Ill	7	2	M.	(a)	2.00-2.00-2.00	1895	N. Y	8	4	M.	60-60-60	2.00-2.00-2.00
1885	N. Y	1	5	M.	60-60-60	2.00-2.00-2.00	1895	Va	8	1	M.	60-60-60	2.00-2.00-2.00
1885	N. Y	7	30	M.	55-55-55	1.92-1.92-1.92	1896	Ill	7	2	M.	48-48-48	2.00-2.00-2.00
1885	N. C	1	7	M.	60-60-60	1.00-1.00-1.00	1896	Mich	7	1	M.	55-55-55	1.33-1.33-1.33
1886	Mich	7	1	M.	60-60-60	1.33-1.33-1.33	1896	Ohio	377	28	M.	60-60-60	1.34-1.34-1.34
1890	N. Y	333	2	M.	(a)	1.67-2.00-1.84	1896	Pa	7	1	M.	52-52-52	1.17-1.17-1.17
1890	Netherl'ds	666	(a)	M.	(a)	.15- .60- —							

DRILL BOYS, MINING.

1888	Mich	280	104	M.	60-72-60	.84-1.46-1.10	1889	Wis	5	2	M.	(a)	1.25-1.25-1.25
1888	N. Y	5	1	M.	(a)	.75- .75- .75	1892	Conn	20	1	M.	60-60-60	.75- .75- .75
1889	Mo	299	6	(a)	(a)	.75- .80- .76	1893	Conn	20	1	M.	60-60-60	.75- .75- .75
1889	N. Y	5	6	M.	(a)	.75-1.50-1.27	1894	Conn	20	2	M.	60-60-60	.50- .75- .63

DRILLERS, BONE, HORN, AND IVORY.

1885	N. Y	7	3	M.	59-59-59	1.25-2.25-1.72	1891	N. Y	333	10	M.	(a)	1.00-2.00-1.58
1888	N. Y	331	11	M.	55-55-55	2.00-2.00-2.00	1895	N. Y	7	2	M.	59-59-59	1.25-2.00-1.63
1890	N. Y	333	2	M.	(a)	2.00-2.00-2.00							

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 67 persons not reported.
e Not including hours of 1 person not reported.
f Applies to but 1 of the 19 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRILLERS, BRUSHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1871 England ..	629	(a) (a)	(a)	1.22-1.22-1.22	1890 N. Y.....	333	11 M.	(a)	1.00-2.00-1.09
1884 N. J	323	1 M.	60-60-60	2.58-2.58-2.58	1891 N. Y.....	333	13 M.	(a)	1.00-2.00-1.15
1885 N. J	324	2 M.	60-60-60	2.17-2.75-2.46	1892 France....	505	(a) M.	63-69 —	.68- .81- —
1888 N. Y.....	331	6 M.	b 59-59-59	1.50-2.50-1.72	1893 N. Y.....	10	2 F.	59-60-60	1.00-1.00-1.00

DRILLERS, BUTTONS.

1842 Pa	8	2 M.	66-66-66	.83- .83- .83	1893 N. J	327	7 F.	55-55-55	1.33-1.50-1.38
1857 N. J	8	2 M.	66-66-66	1.00-1.00-1.00	1895 Mass	8	10 F.	60-60-60	1.00-1.00-1.00
1862 Mass	8	3 F.	60-60-60	.75- .75- .75	1895 N. J	7	11 M.	55-57-57	.58-1.58-1.43
1882 N. J	7	1 M.	(a)	1.50-1.50-1.50	1895 N. J	7	18 F.	55-59-59	.50-1.33-1.15
1884 N. J	323	3 F.	60-60-60	.52- .52- .52	1895 Pa	8	4 F.	60-60-60	.42- .42- .42
1885 N. J	7	17 F.	50-59-57	1.00-1.08-1.05	1895 Aust-Hun .	435	(a) (a)	66-66-66	.18- .49- —
1885 Gr't Brit ..	1	(a) F.	60-60-60	.55- .55- .55	1896 N. Y.....	7	10 F.	60-60-60	.56-1.24- .88
1886 N. Y.....	3	2 F.	62-62-62	.67- .83- .75	1896 Pa	7	2 M.	58-58-58	.54- .71- .63
1887 N. Y.....	3	4 F.	c 58-58-58	.67- .96- .79	1896 Pa	7	6 F.	58-58-58	.60-1.20- .84
1887 N. Y.....	7	2 F.	(a)	.54- .87- .70	1897 Aust-Hun .	437	(a) F.	65-65-65	.22- .24- —
1888 N. J	326	9 F.	(a)	1.00-1.17-1.04	1897 Aust-Hun .	437	(a) (a)	62-62-62	.20- .28- —
1892 France....	505	(a) M.	48-48-48	.39- .39- .39	1899 N. Y.....	18	20 F.	59-59-59	.83-1.33-1.04
1892 France....	505	(a) F.	36-36-36	.24- .24- .24	1900 N. Y.....	18	20 F.	59-59-59	.83-1.33-1.04

DRILLERS, CLOCKS AND WATCHES.

1842 Conn.....	8	11 M.	66-66-66	.50-1.75-1.36	1889 Switzerl'd.	709	(a) (a)	(a)	.23- .42- —
1886 N. Y.....	3	1 F.	59-59-59	1.00-1.00-1.00	1896 Conn.....	8	8 M.	60-60-60	1.50-2.00-1.72
1886 Switzerl'd.	709	(a) (a)	(a)	.29- .29- .29	1896 Conn.....	8	3 F.	60-60-60	1.35-1.35-1.35
1887 Mass	3	1 F.	59-59-59	1.67-1.67-1.67	1897 N. Y.....	8	3 M.	60-60-60	1.00-1.83-1.44

DRILLERS, COAL MINING.

1887 Ohio	369	7 M.	54-54-54	2.50-2.50-2.50	1889 Ind	5	9 M.	d 60-60-60	1.25-2.38-1.99
1888 Ind	5	6 M.	(a)	1.25-1.25-1.25	1891 Belgium ..	457	(a) F.	(a)	.27- .27- .27
1889 Ill	5	8 M.	60-60-60	2.13-2.13-2.13					

DRILLERS, COPPER MINING.

1884 Ireland ...	178	(a) M.	56-56-56	.81-1.01- —	1889 Canada ...	481	(a) M.	(a)	2.10-2.10-2.10

DRILLERS' HELPERS, BONE, HORN, AND IVORY.

1885 N. Y.....	7	5 M.	59-59-59	.58- .58- .58	1895 N. Y.....	7	4 M.	59-59-59	.58- .58- .58

DRILLERS' HELPERS, COAL MINING.

1889 Ill.....	5	8 M.	60-60-60	1.05-1.40-1.14	1889 Ind.....	5	2 M.	60-60-60	1.90-1.90-1.90

DRILLERS' HELPERS, IRON MINING.

1889 Mo	5	2 M.	(a)	1.00-1.00-1.00	1889 N. Y.....	5	14 M.	(a)	1.40-1.40-1.40

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRILLERS' HELPERS, LEAD AND ZINC MINING.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1893	Mo	303	28	M.	(a)	1.15-1.89-1.38

DRILLERS' HELPERS, MARBLE AND STONE.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1888	N. Y	331	2	M.	60-60-60	1.63-1.63-1.63
1890	N. Y	333	8	M.	(a)	1.63-2.00-1.91
1891	N. Y	333	25	M.	(a)	1.63-2.00-1.97
1894	N. H	8	1	M.	53-53-53	1.50-1.50-1.50
1896	Mass	8	3	M.	54-60-56	1.50-2.00-1.67
1896	Pa	14	42	M.	60-60-60	1.68-1.75-1.62

DRILLERS' HELPERS, METAL.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1888	England	5	(a)	M.	(a)	.51- .53- —
1889	England	5	(a)	M.	b 66-66-66	.51- .58- —
1895	N. Y	8	1	M.	60-60-60	1.25-1.25-1.25
1895	Ohio	376	4	M.	60-60-60	.60- .60- .60
1898	France	512	(a)	M.	60-60-60	.54- .68- —

DRILLERS, IRON MINING.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1840	N. J	190	1	M.	(a)	.75- .75- .75
1841	N. J	190	1	M.	(a)	.75- .75- .75
1842	N. J	190	1	M.	(a)	.75- .75- .75
1843	N. J	190	1	M.	(a)	.75- .75- .75
1844	N. J	190	1	M.	(a)	.75- .75- .75
1845	N. J	190	1	M.	(a)	.75- .75- .75
1846	N. J	190	1	M.	(a)	.75- .75- .75
1847	N. J	190	1	M.	(a)	.75- .75- .75
1848	N. J	190	1	M.	(a)	.75- .75- .75
1849	N. J	190	1	M.	(a)	.75- .75- .75
1850	N. J	190	2	M.	(a)	.88-1.00- .94
1851	N. J	190	1	M.	(a)	1.00-1.00-1.00
1852	N. J	190	1	M.	(a)	1.00-1.00-1.00
1853	N. J	190	1	M.	(a)	1.00-1.00-1.00
1854	N. J	190	1	M.	(a)	1.00-1.00-1.00
1855	N. J	190	1	M.	(a)	1.00-1.00-1.00
1856	N. J	190	1	M.	(a)	1.00-1.00-1.00
1857	N. J	190	1	M.	(a)	1.00-1.00-1.00
1858	N. J	190	1	M.	(a)	1.00-1.00-1.00
1859	N. J	190	1	M.	(a)	1.25-1.25-1.25
1860	N. J	190	2	M.	(a)	1.00-1.13-1.07
1861	N. J	190	1	M.	(a)	1.00-1.00-1.00
1862	N. J	190	1	M.	(a)	1.00-1.00-1.00
1863	N. J	190	2	M.	(a)	1.38-1.50-1.44
1864	N. J	190	6	M.	(a)	1.38-2.50-1.77
1865	N. J	190	3	M.	(a)	1.50-2.50-2.00
1866	N. J	190	1	M.	(a)	1.65-1.65-1.65
1867	N. J	190	2	M.	(a)	1.65-2.00-1.83
1868	N. J	190	2	M.	(a)	1.65-2.00-1.83
1869	N. J	190	2	M.	(a)	1.65-2.00-1.83
1870	N. J	190	2	M.	(a)	1.65-2.00-1.83
1871	N. J	190	1	M.	(a)	1.75-1.75-1.75
1872	N. J	190	4	M.	(a)	1.75-2.25-2.06
1873	N. J	190	4	M.	(a)	1.50-2.25-1.88
1874	N. J	190	2	M.	(a)	1.50-1.75-1.63
1875	N. J	190	1	M.	(a)	1.25-1.25-1.25
1876	N. J	190	3	M.	(a)	1.00-1.25-1.13
1877	N. J	190	3	M.	(a)	.90-1.00- .97
1878	N. J	190	2	M.	(a)	.90-1.00- .95
1879	N. J	190	2	M.	(a)	1.00-1.25-1.13
1880	N. J	190	4	M.	(a)	1.25-2.00-1.56
1881	N. J	190	2	M.	(a)	1.25-1.50-1.38
1881	N. J	320	4	M.	48-60-54	1.25-1.50-1.31
1882	N. J	190	2	M.	(a)	1.50-1.75-1.63
1883	N. J	190	2	M.	(a)	1.25-1.50-1.38
1883	N. J	322	27	M.	48-48-48	1.25-1.50-1.48
1884	N. J	190	3	M.	(a)	1.00-1.30-1.13
1884	Canada	178	(a)	M.	60-60-60	1.75-1.75-1.75
1884	Cuba	178	(a)	(a)	(a)	1.86-1.86-1.86
1885	N. J	190	2	M.	(a)	1.00-1.25-1.13
1886	N. J	190	6	M.	(a)	1.10-1.75-1.30
1887	N. J	190	6	M.	(a)	1.10-1.75-1.41
1888	N. J	190	2	M.	(a)	1.25-1.50-1.38
1888	Spain	5	(a)	M.	78-78-78	.80- .80- .80
1889	Mich	5	22	M.	c 60-60-60	1.50-2.25-1.97
1889	Minn	5	8	M.	60-60-60	2.25-2.25-2.25
1889	Mo	5	10	M.	(a)	1.80-1.80-1.80
1889	Mo	299	30	(a)	(a)	1.35-1.71-1.50
1889	N. J	190	6	M.	(a)	1.13-1.50-1.33
1889	N. Y	5	18	M.	(a)	1.66-1.66-1.66
1889	Wis	5	2	M.	(a)	2.25-3.50-2.88
1889	Spain	5	(a)	M.	72-72-72	.70- .70- .70
1890	N. J	190	4	M.	(a)	1.25-1.65-1.48
1891	N. J	190	4	M.	(a)	1.13-1.50-1.31

DRILLERS, LEAD AND ZINC MINING.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1889	Mo	299	2	(a)	(a)	1.77-2.00-1.89
1893	Mo	303	49	M.	(a)	1.10-2.18-1.64

a Not reported.
b Applies to but 2 of the 16 wage quotations.
c Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRILLERS, MARBLE AND STONE.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 N. H	8	6	M.	60-60-60	1.75-1.75-1.75
1876 Vt	8	17	M.	66-66-66	1.75-1.75-1.75
1884 France	178	(a)	M.	66-66-66	.53- .58- —
1886 Kans	240	1	M.	60-60-60	2.25-2.25-2.25
1886 Gr't Brit	602	(a)	M.	(a)	.84- .91- —
1887 Wis	409	31	M.	(a)	1.93-1.93-1.93
1888 Mich	280	8	M.	60-60-60	1.73-2.24-1.96
1888 N. Y	331	22	M.	b 60-60-60	1.03-2.00-1.72
1889 Ala	5	11	M.	60-60-60	1.50-1.50-1.50
1889 Me	255	8	M.	(a)	2.00-2.00-2.00
1889 Mo	299	40	(a)	(a)	1.24-2.48-1.88
1889 Tenn	5	5	M.	60-60-60	1.25-1.25-1.25
1890 Conn	203	2	M.	(a)	2.00-2.00-2.00
1890 Mass	8	3	M.	60-60-60	2.00-2.00-2.00
1890 N. Y	333	35	M.	(a)	1.50-2.80-1.88
1891 N. Y	333	56	M.	(a)	1.25-2.80-2.01
1892 Conn	20	15	M.	45-60-59	.75-1.40- .99
1892 Ind	227	14	M.	60-60-60	1.38-1.68-1.62
1893 Conn	20	9	M.	45-60-58	.57-1.40- .98
1893 N. Y	10	1	M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	7	M.	54-60-55	1.20-1.75-1.28
1894 Conn	20	8	M.	60-60-60	.75-1.30-1.06
1894 D. C	8	1	M.	48-48-48	1.50-1.50-1.50
1894 N. H	8	1	M.	53-53-53	2.25-2.25-2.25
1895 Conn	20	10	M.	45-60-59	.45-1.30- .96
1895 Mass	8	2	M.	54-54-54	1.88-1.88-1.88
1895 N. C	8	21	M.	60-60-60	1.00-2.50-1.07
1895 Ohio	376	3	M.	60-60-60	1.75-2.00-1.92
1896 Mass	8	4	M.	54-60-57	2.00-3.00-2.50
1896 Mass	14	110	M.	54-60-57	1.75-3.00-2.40
1896 N. Y	8	4	M.	60-60-60	1.25-2.50-1.56
1896 Ohio	377	4	M.	48-60-57	1.67-2.00-1.86
1896 Pa	14	70	M.	60-60-60	2.75-2.75-2.75
1897 Me	8	5	M.	54-60-55	1.75-2.50-1.95

DRILLERS, METAL.

1850 Mass	8	20	M.	60-60-60	1.75-1.75-1.75
1851 Conn	8	8	M.	60-60-60	1.50-1.50-1.50
1853 Conn	8	9	M.	60-60-60	1.50-1.50-1.50
1857 N. Y	8	1	M.	60-60-60	1.50-1.50-1.50
1859 England	563	(a)	M.	58-58-58	.81- .81- .81
1861 England	564	(a)	(a)	60-60-60	.65- .65- .65
1863 N. J	8	1	M.	60-60-60	1.50-1.50-1.50
1866 England	566	(a)	M.	59-59-59	.81-1.14- —
1866 Ireland	566	(a)	M.	59-59-59	.24- .28- —
1866 Scotland	566	(a)	M.	57-60 —	.52-1.22- —
1868 England	567	(a)	M.	59-59-59	.69-1.34- —
1869 Scotland	43	(a)	(a)	58-58-58	.55- .55- .55
1871 England	568	(a)	M.	c 59-60 —	.73- .97- —
1871 Scotland	568	(a)	M.	57-59 —	.65- .73- —
1871 Scotland	629	(a)	(a)	57-57-57	.65- .65- .65
1872 England	185	(a)	M.	c 59-60 —	.73- .97- —
1872 Germany	185	(a)	M.	d 60-60-60	.36- .96- —
1872 Scotland	185	(a)	M.	54-59 —	.65- .79- —
1873 Aust-Hun	711	(a)	M.	(a)	e.08- .08- .08
1873 England	185	(a)	M.	(a)	.97-1.01- —
1873 Germany	711	(a)	M.	(a)	e.05½-.05½-.05½
1873 Switzerl'd	714	(a)	(a)	63-63-63	.58- .58- .58
1874 Pa	380	42	M.	(a)	1.38-1.75-1.50
1874 Scotland	569	(a)	M.	51-51-51	.77- .87- —
1876 Pa	381	1	M.	(a)	1.80-1.80-1.80
1877 England	570	(a)	M.	54-54-54	.57-1.14- —
1877 Ireland	570	(a)	M.	54-54-54	.81- .81- .81
1877 Scotland	570	(a)	M.	51-51-51	.81-1.30- —
1880 England	571	(a)	M.	54-54-54	.35-1.22- —
1880 Scotland	571	(a)	M.	54-54-54	.73-1.22- —
1882 Germany	554	(a)	(a)	60-60-60	.64-1.06- —
1883 Conn	8	1	M.	60-60-60	2.25-2.25-2.25
1883 N. J	7	6	M.	75-75-75	1.08-1.08-1.08
1883 N. J	322	1	(a)	60-60-60	1.50-1.50-1.50
1883 England	43	(a)	(a)	54-54-54	1.17-1.17-1.17
1883 England	572	(a)	M.	f 50-54 —	.32-2.03- —
1883 Gr't Brit	273	(a)	M.	(a)	.49-3.24- —
1883 Ireland	572	(a)	M.	54-54-54	.57- .57- .57
1883 Scotland	43	(a)	(a)	(a)	2.03-2.03-2.03
1883 Scotland	572	(a)	M.	50-54 —	.69-1.70- —
1884 N. J	323	15	M.	60-60-60	1.20-3.33-2.90
1884 Ohio	367	25	M.	(a)	.83-1.50-1.32
1884 Aust-Hun	178	(a)	M.	66-66-66	.44- .57- —
1884 Canada	466	(a)	M.	54-60 —	1.04-1.75- —
1884 C. of G'd H.	178	(a)	(a)	(a)	1.29-1.62- —
1884 England	178	(a)	M.	53-54 —	.81-1.32- —
1884 France	178	(a)	M.	60-60-60	1.16-1.16-1.16
1884 Germany	178	(a)	M.	g 60-63 —	.48- .76- —
1884 Scotland	178	(a)	M.	54-54-54	.83-1.33- —
1884 Spain	178	(a)	M.	60-60-60	.49- .68- —
1884 Switzerl'd.	178	(a)	M.	65-65-65	.70- .98- —
1885 Conn	7	3	M.	(a)	1.75-1.75-1.75
1885 Del	1	2	M.	60-60-60	1.17-1.17-1.17
1885 Ill	1	1	M.	60-60-60	2.00-2.00-2.00
1885 Mass	1	25	M.	60-60-60	1.75-1.75-1.75
1885 Mich	1	17	M.	60-60-60	.65-2.00-1.46
1885 Mich	279	7	M.	(a)	1.00-1.70-1.34
1885 Mo	1	245	M.	48-48-48	1.25-1.25-1.25
1885 N. J	324	11	M.	60-60-60	1.17-2.50-1.48
1885 N. Y	1	20	M.	72-72-72	1.80-2.52-2.09
1885 Ohio	1	8	M.	60-60-60	1.30-1.30-1.30
1885 Ohio	367	20	M.	(a)	.83-1.50-1.23
1885 Pa	1	42	M.	48-48-48	1.88-2.25-1.93
1885 W. Va	1	1	M.	60-60-60	1.66-1.66-1.66
1885 England	275	(a)	M.	(a)	.91-1.17- —
1885 France	275	(a)	M.	(a)	1.16-1.16-1.16
1885 Germany	275	(a)	M.	(a)	.58- .58- .58
1885 Scotland	275	(a)	M.	(a)	.92- .92- .92
1886 England	604	(a)	M.	h 54-54-54	.66-1.45- —
1886 Gr't Brit	604	(a)	M.	54-54-54	.82-1.20- —
1886 Gr't Brit	632	(a)	M.	54-54-54	.77-1.16- —
1886 Ireland	604	(a)	M.	54-54-54	.62- .68- —
1886 Italy	633	(a)	M.	66-66-66	.39- .64- —
1886 Scotland	604	(a)	M.	i 54-54-54	.70-1.24- —
1886 Spain	66	(a)	M.	(a)	.82- .82- .82
1887 Conn	202	21	M.	(a)	1.43-1.43-1.43
1887 Md	4	40	M.	(a)	.60-1.90-1.26
1887 Mass	4	4	M.	(a)	1.50-1.90-1.70
1887 N. J	4	1	M.	(a)	1.60-1.60-1.60
1887 N. Y	4	12	M.	(a)	1.38-2.10-1.63
1887 Pa	4	11	M.	(a)	1.30-1.50-1.40
1887 Pa	390	12	M.	(a)	1.50-2.14-1.98
1887 Wis	409	67	M.	(a)	1.39-1.39-1.39
1887 Germany	557	(a)	(a)	57-63 —	.60- .83- —
1888 Conn	8	2	M.	60-60-60	1.50-1.50-1.50
1888 N. Y	331	75	M.	j 48-60-57	1.25-2.50-1.94
1888 Canada	470	(a)	M.	59-59-59	1.32-1.32-1.32
1888 England	5	(a)	M.	(a)	.49- .85- —

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 4 of the 5 wage quotations.
d Applies to but 1 of the 8 wage quotations.
e Per hour.
f Applies to but 18 of the 20 wage quotations.
g Applies to but 5 of the 11 wage quotations.
h Applies to but 16 of the 21 wage quotations.
i Applies to but 7 of the 16 wage quotations.
j Not including hours of 34 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRILLERS, METAL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Germany	558	(a) (a)	57-57-57	0.64-0.91- —
1889 Ill	5	8 M.	(a)	1.77-1.77-1.77
1889 Pa	5	12 M.	66-66-66	2.16-2.16-2.16
1889 Belgium	5	(a) M.	62-62-62	.75- .81- —
1889 Canada	471	(a) M.	57-59 —	1.20-1.39- —
1889 England	5	(a) M.	b 66-66-66	.49- .73- —
1889 France	5	(a) M.	60-60-60	1.00-1.00-1.00
1889 Italy	5	(a) M.	(a)	.49- .58- —
1890 Mich	282	14 M.	60-60-60	.75-2.00-1.42
1890 N. Y	333	32 M.	(a)	.75-2.50-1.65
1890 Gr't Brit	632	(a) M.	54-54-54	.63-1.16- —
1891 N. Y	333	59 M.	(a)	.83-3.33-1.66
1891 Belgium	457	(a) M.	60-66 —	.24- .85- —
1891 Belgium	457	(a) F.	60-66 —	.21- .41- —
1891 France	505	(a) M.	60-84 —	.29-1.93- —
1891 France	505	(a) F.	70-70-70	.48- .97- —
1891 Italy	638	(a) M.	66-66-66	.39- .64- —
1892 Mass	20	22 M.	60-60-60	1.25-2.50-1.77
1892 Australia	424	(a) M.	(a)	1.93-1.93-1.93
1892 England	111	(a) (a)	(a)	.89- .89- .89
1892 England	577	(a) M.	53-54 —	.91-1.12- —
1892 England	632	(a) M.	53-54 —	.97-1.34- —
1892 France	505	(a) M.	60-74 —	.29-1.74- —
1892 France	505	(a) F.	63-63-63	.09½-.34- —
1893 Mass	20	9 M.	60-60-60	1.25-2.50-1.77
1893 Ohio	374	92 M.	c 54-60-60	.75-2.25-1.42
1893 Germany	560	(a) M.	(a)	d .07- .09½- —
1893 Gr't Brit	578	(a) M.	(a)	1.22-1.22-1.22
1893 Scotland	578	(a) M.	54-54-54	1.14-1.14-1.14
1894 Mass	20	8 M.	60-60-60	1.25-2.20-1.57
1894 N. Y	8	13 M.	60-60-60	1.25-2.00-1.59
1894 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1894 Ohio	375	60 M.	e 48-60-55	.52-1.75-1.26
1894 England	127	(a) M.	f 53-54 —	.79-1.09- —
1894 France	127	(a) M.	g 60-60-60	1.16-1.35- —
1894 France	129	(a) M.	60-60-60	1.29-1.29-1.29
1894 Germany	127	(a) M.	h 60-60-60	.65-1.07- —
1894 Ireland	127	(a) M.	54-54-54	0.63-0.85- —
1894 Italy	127	(a) M.	(a)	.58- .58- .58
1894 Netherl'ds.	127	(a) M.	65-65-65	.81- .81- .81
1894 Russia	127	(a) M.	62-62-62	.70- .70- .70
1894 Scotland	127	(a) M.	54-54-54	.73-1.55- —
1895 Conn	7	1 M.	59-59-59	1.52-1.52-1.52
1895 Mass	8	2 M.	60-60-60	1.00-1.00-1.00
1895 Mass	20	2 M.	60-60-60	1.25-1.50-1.38
1895 N. H	8	3 F.	60-60-60	1.00-1.00-1.00
1895 N. J	7	4 M.	60-60-60	1.00-1.00-1.00
1895 N. Y	8	15 M.	60-60-60	.85-2.00-1.49
1895 N. C	8	1 M.	60-60-60	.50- .50- .50
1895 Ohio	376	107 M.	52-72-59	.52-2.25-1.59
1895 Pa	8	2 M.	54-60-57	2.00-2.67-2.34
1895 Canada	187	(a) M.	60-60-60	1.30-1.30-1.30
1895 France	677	(a) (a)	60-60-60	1.46-2.34- —
1896 Conn	8	11 M.	60-60-60	1.25-2.25-1.64
1896 Ill	8	2 M.	60-60-60	1.50-2.00-1.75
1896 Mich	288	8 M.	60-60-60	1.25-2.00-1.54
1896 Nebr	314	11 M.	48-48-48	1.75-2.25-2.06
1896 N. Y	8	2 M.	60-60-60	2.00-2.00-2.00
1896 Ohio	377	72 M.	54-60-58	1.10-2.07-1.71
1896 Pa	394	13 M.	60-60-60	1.28-1.82-1.38
1896 England	592	(a) M.	(a)	.73-1.34- —
1897 Conn	8	2 M.	60-60-60	1.75-1.75-1.75
1897 N. Y	8	14 M.	60-60-60	1.75-2.00-1.77
1897 Australia	428	(a) (a)	(a)	.32-1.46- —
1897 Aust-Hun	437	(a) (a)	57-66 —	.47-1.08- —
1897 England	593	(a) (a)	(a)	.97-1.16- —
1897 France	511	(a) M.	60-60-60	.77- .77- .77
1897 Ireland	593	(a) (a)	(a)	.81-1.12- —
1898 Nebr	314	11 (a)	48-48-48	1.75-2.25-2.00
1898 Australia	419	(a) (a)	(a)	2.03-2.19- —
1898 Australia	429	(a) (a)	(a)	.32-1.46- —
1898 Aust-Hun	438	(a) (a)	60-60-60	.68- .68- .68
1898 France	512	(a) M.	48-48-48	.58- .58- .58

DRILLERS, OPTICAL GOODS.

1886	N. Y	7	3	M.	(a)	.83-1.38-1.19	1896	N. Y	7	9	M.	60-60-60	.33-1.38- .72
1886	N. Y	7	3	F.	(a)	.67-1.17- .83	1896	N. Y	7	7	F.	59-59-59	.33-1.13- .70

DRIVERS, BOSS, COAL MINING.

1874	Wales	185	(a)	M.	i 54-54-54	1.44-1.68- —	1889	Ind	5	1	M.	60-60-60	2.25-2.25-2.25
1876	Pa	381	1	M.	(a)	3.00-3.00-3.00	1889	Ohio	5	1	M.	54-54-54	1.93-1.93-1.93
1885	Ohio	1	2	M.	60-60-60	2.00-2.00-2.00	1889	Pa	5	1	M.	60-60-60	2.25-2.25-2.25
1885	Pa	1	3	M.	60-60-60	3.00-3.00-3.00	1893	Mo	302	18	M.	(a)	2.00-2.50-2.07
1886	Gr't Brit	602	(a)	M.	(a)	1.02-1.02-1.02	1895	Pa	8	1	M.	60-60-60	1.95-1.95-1.95
1889	Ala	5	1	M.	(a)	2.25-2.25-2.25	1898	Pa	18	1	M.	(a)	1.80-1.80-1.80
1889	Ill	5	2	M.	60-60-60	2.30-2.30-2.30	1899	Pa	18	1	M.	(a)	2.00-2.00-2.00
1889	Ill	209	5	M.	(a)	2.00-2.50-2.33							

a Not reported.
b Applies to but 1 of the 4 wage quotations.
c Not including hours of 10 persons not reported.
d Per hour.
e Not including hours of 3 persons not reported.
f Applies to but 5 of the 7 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Applies to but 11 of the 13 wage quotations.
i Applies to but 1 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, BREWERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1855 N. Y.	190	2 M.	72-72-72	0.96-1.34-1.15
1856 N. Y.	190	2 M.	72-72-72	.96-1.00-.98
1857 N. Y.	190	3 M.	72-72-72	.96-1.15-1.03
1858 N. Y.	190	3 M.	72-72-72	.96-1.54-1.21
1859 N. Y.	190	3 M.	72-72-72	1.15-1.54-1.41
1860 N. Y.	190	4 M.	72-72-72	1.15-1.54-1.44
1861 N. Y.	190	3 M.	72-72-72	1.54-1.54-1.54
1862 N. Y.	190	3 M.	72-72-72	1.54-1.54-1.54
1863 N. Y.	190	2 M.	72-72-72	1.54-1.54-1.54
1864 N. Y.	190	2 M.	72-72-72	1.54-1.54-1.54
1865 N. Y.	190	2 M.	72-72-72	1.54-1.54-1.54
1866 N. Y.	190	2 M.	72-72-72	1.54-1.54-1.54
1867 N. Y.	190	1 M.	72-72-72	1.73-1.73-1.73
1868 N. Y.	190	1 M.	72-72-72	1.73-1.73-1.73
1869 N. Y.	190	1 M.	72-72-72	1.73-1.73-1.73
1870 N. Y.	190	4 M.	72-72-72	1.46-1.92-1.66
1871 N. Y.	190	3 M.	72-72-72	1.73-1.73-1.73
1872 N. Y.	190	5 M.	72-72-72	1.54-1.73-1.69
1873 N. Y.	190	8 M.	72-72-72	1.34-1.73-1.63
1874 N. Y.	190	8 M.	72-72-72	1.54-1.73-1.68
1875 N. Y.	190	8 M.	72-72-72	1.54-1.73-1.68
1876 N. Y.	190	9 M.	72-72-72	1.38-1.73-1.64
1877 N. Y.	190	11 M.	72-72-72	1.38-1.73-1.62
1878 N. Y.	190	12 M.	72-72-72	1.38-1.73-1.63
1878 Ohio	360	6 M.	(*a*)	2.68-2.68-2.68
1879 N. Y.	190	10 M.	72-72-72	1.38-1.73-1.59
1880 N. Y.	190	11 M.	72-72-72	1.38-1.73-1.66
1881 N. J.	2	61 M.	(*b*)	1.75-1.75-1.75
1881 N. Y.	190	9 M.	72-72-72	1.38-1.73-1.64
1882 N. Y.	190	11 M.	72-72-72	1.38-1.73-1.64
1882 Ohio	364	126 (*a*)	(*c*)	1.50-4.17-2.18
1883 N. Y.	190	12 M.	72-72-72	1.54-1.73-1.65
1883 Scotland	572	(*a*) M.	(*a*)	.90- .90- .90
1884 N. J.	323	11 M.	54-72-70	2.15-2.50-2.18
1884 N. Y.	190	12 M.	72-72-72	1.38-2.11-1.79
1884 Belgium	178	(*a*) M.	60-60-60	.76- .76- .76
1884 Mexico	178	(*a*) (*a*)	(*a*)	2.30-2.30-2.30
1885 N. Y.	190	10 M.	72-72-72	1.54-1.73-1.65
1886 N. Y.	190	9 M.	72-72-72	1.54-1.73-1.66
1886 Germany	548	(*a*) (*a*)	(*a*)	*d* .50- .83- —
1887 N. Y.	190	10 M.	72-72-72	1.38-2.17-1.93
1887 Germany	557	(*a*) (*a*)	*e* 60-60-60	.41-1.98- —
1888 N. Y.	190	8 M.	72-72-72	1.84-2.17-2.08
1888 N. Y.	331	226 M.	*f* 54-72-61	1.15-3.00-2.58
1888 Germany	558	(*a*) (*a*)	*g* 60-78 —	.18-1.98- —
1888 Germany	558	(*a*) (*a*)	(*a*)	*d* .82-1.23- —
1889 N. Y.	190	11 M.	72-72-72	1.84-2.17-2.06
1890 N. Y.	190	12 M.	72-72-72	1.84-2.50-2.10
1890 N. Y.	333	185 M.	(*a*)	.77-3.17-2.62
1890 C. of G'd H.	486	(*a*) M.	(*a*)	1.10-1.10-1.10
1891 Mo.	300	43 M.	(*a*)	1.58-3.79-2.39
1891 N. Y.	190	10 M.	72-72-72	1.84-2.50-2.13
1891 N. Y.	333	296 M.	(*a*)	.77-3.17-2.69
1891 Ohio	572	264 M.	54-72-60	1.00-2.50-1.92
1891 France	505	(*a*) M.	77-77-77	1.06-1.35- —
1892 Cal.	196	32 M.	*h* 54-60-59	2.30-4.17-3.38
1892 C. of G'd H.	486	(*a*) M.	(*a*)	.73- .85- —
1892 France	505	(*a*) M.	77-77-77	.64- .64- .64
1893 Md.	10	2 M.	60-72-66	1.25-2.50-1.88
1893 N. Y.	10	2 M.	42-48-45	.83-1.00- .92
1893 Ohio	374	358 M.	*i* 54-72-61	1.25-3.50-2.11
1893 Pa.	10	3 M.	*j* 60-72-66	1.67-2.50-2.06
1894 W. Va.	406	3 M.	72-72-72	1.66-2.50-2.22
1895 Ohio	376	402 M.	*k* 54-78-62	1.00-3.00-2.19
1896 Colo.	200	77 M.	54-60-60	1.40-2.63-2.38
1896 Ill.	12	1 M.	(*a*)	1.50-1.50-1.50
1896 Mo.	305	469 M.	60-84-61	1.00-2.25-1.81
1896 Nebr.	314	3 (*a*)	*l* 60-60-60	1.00-1.58-1.39
1896 Ohio	377	1 M.	54-54-54	2.00-2.00-2.00
1897 Nebr.	314	9 M.	*n* 60-60-60	1.00-2.85-2.16
1897 N. Y.	337	346 M.	*o* 60-72-67	1.67-3.00-2.30
1897 Va.	404	20 M.	60-72-69	1.00-2.25-1.93
1898 N. Y.	338	432 M.	*p* 60-84-65	1.66-2.93-2.43
1899 Pa.	18	38 M.	72-72-72	2.33-2.67-2.55
1900 Pa.	18	30 M.	72-72-72	2.33-2.67-2.57

DRIVERS, CABS, CARRIAGES, ETC.

1871	Mass.	267	28	M.	(*a*)	1.75-1.75-1.75	1884	Azores	178	(*a*)	M.	(*a*)	.21- .26- —
1871	Germany	611	(*a*)	M.	63-63-63	.61- .73- —	1884	Belgium	178	(*a*)	M.	*t* 60-72 —	.48-1.05- —
1871	Italy	611	(*a*)	M.	(*a*)	.73- .91- —	1884	Brazil	178	(*a*)	M.	*u* 60-60-60	.43-1.26- —
1878	Ohio	360	1	M.	(*a*)	*q* .99- .99- .99	1884	Br. Guiana	178	(*a*)	M.	72-72-72	.40-1.00- —
1878	Canada	177	(*a*)	M.	(*a*)	.49- .49- .49	1884	Br. Hond.	178	(*a*)	(*a*)	54-54-54	.82-1.40- —
1878	Germany	177	(*a*)	M.	(*a*)	.71- .71- .71	1884	Canada	178	(*a*)	M.	60-72 —	.83-1.75- —
1880	N. J.	319	1	(*a*)	74-74-74	1.00-1.00-1.00	1884	Canada	466	(*a*)	M.	72-72-72	*q* .81- .81 .81
1881	N. Y.	2	206	M.	(*r*)	1.43-1.71-1.57	1884	Colombia	178	(*a*)	(*a*)	60-72 —	.20-1.29- —
1881	C. of G'd H.	484	(*a*)	M.	(*a*)	.52- .70- —	1884	Cuba	178	(*a*)	M.	*v* 59-59-59	.93-1.06- —
1882	Mo.	294	1	M.	(*s*)	1.29-1.29-1.29	1884	Denmark	178	(*a*)	M.	60-60-60	.80- .80- .80
1883	Mich.	277	3	M.	(*a*)	.85-1.75-1.15	1884	Ecuador	178	(*a*)	M.	(*a*)	1.33-1.67- —
1884	Cal.	192	4	M.	49-49-49	1.81-1.81-1.81	1884	England	178	(*a*)	M.	*w* 53-96 —	.41-1.62- —
1884	Cal.	192	5	M.	84-84-84	*q* 2.50-2.50-2.50	1884	France	178	(*a*)	M.	60-60-60	.50- .80- —
1884	Mich.	278	32	M.	(*a*)	.99-1.64-1.32	1884	France	178	(*a*)	M.	60-60-60	*q* .48- .58- —
1884	Aust-Hun.	178	(*a*)	M.	60-72 —	.40-1.17- —	1884	Germany	178	(*a*)	M.	*x* 60-84 —	.36-1.67- —

a Not reported.
b 100-100-100 hours.
c 60-112-73 hours; not including hours of 3 persons not reported.
d And lodging.
e Applies to but 1 of the 8 wage quotations.
f Not including hours of 10 persons not reported.
g Applies to but 9 of the 14 wage quotations.
h Not including hours of 28 persons not reported.
i Not including hours of 11 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 65 persons not reported.
l Not including hours of 2 persons not reported.
n Not including hours of 3 persons not reported.
o Not including hours of 127 persons not reported.
p Not including hours of 252 persons not reported.
q And board.
r 112-112-112 hours.
s 126-126-126 hours.
t Applies to but 4 of the 6 wage quotations.
u Applies to but 2 of the 4 wage quotations.
v Applies to but 2 of the 3 wage quotations.
w Applies to but 25 of the 51 wage quotations.
x Applies to but 34 of the 40 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, CABS, CARRIAGES, ETC.—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany	178	(a) M.	60-84 —	b0.14-0.49- —
1884 Hawai. Is.	178	(a) (a)	54-54-54	.33- .50- —
1884 Ireland	178	(a) M.	(a)	.59- .63- —
1884 Italy	178	(a) M.	c70-84 —	.34-1.20- —
1884 Malta	178	(a) M.	54-60 —	.73- .85- —
1884 Mexico	178	(a) (a)	d60-60-60	.25- .83- —
1884 Netherl'ds	178	(a) M.	60-60-60	.40- 50- —
1884 Netherl'ds	178	(a) M.	(a)	b .61- .61- .61
1884 N. Zealand	178	(a) (a)	60-60-60	1.70-2.19- —
1884 Persia	134	(a) (a)	(a)	.25- .25- .25
1884 Peru	134	(a) (a)	(a)	.50- .50- .50
1884 Philip. Is.	178	(a) M.	(a)	.32- .64- —
1884 Russia	178	(a) M.	60-72 —	.20- .60- —
1884 Russia	178	(a) M.	(a)	e .06-.09½- —
1884 Russia	178	(a) M.	72-72-72	f .11- .46- —
1884 Scotland	178	(a) M.	g51-72 —	.68-1.02- —
1884 Spain	178	(a) M.	h60-105—	.40- .75- —
1884 Switzerl'd.	178	(a) M.	d66-66-66	b .15- .39- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.41-1.92- —
1884 Venezuela	178	(a) (a)	(a)	1.14-1.71- —
1884 Wales	178	(a) M.	54-84 —	.59-1.01- —
1885 Germany	547	(a) M.	(a)	b .05- .07- —
1886 Cal.	193	12 M.	i70-70-70	1.48-2.00-1.65
1886 Cal.	193	79 M.	j70-84-80	e .99-2.50-1.74
1886 Kans	240	1 M.	(a)	1.16-1.16-1.16
1886 Argentina	57	(a) M.	k60-60-60	.60-2.00- —
1886 C. of G'd H.	483	(a) (a)	(a)	.28- .96- —
1887 Kans.	241	1 M.	(a)	1.50-1.50-1.50
1888 Aust-Hun.	447	(a) M.	(a)	.05½-.40- —
1888 C. of G'd H.	483	(a) (a)	(a)	.52-1.04- —
1888 Germany	558	(a) (a)	42-56 —	.61- .61- .61
1888 Scotland	575	(a) M.	90-90-90	.65- .65- .65
1889 Australia	100	(a) M.	70-70-70	1.25-1.25-1.25
1889 Australia	100	(a) M.	70-70-70	b .70- .70- .70
1889 Canada	471	(a) M.	84-84-84	1.13-1.15- —
1889 Germany	550	(a) M.	(a)	.20-1.22- —
1889 Italy	95	(a) M.	60-60-60	.67- .67- 67
1889 Netherl'ds	516	(a) M.	l66-66-66	.14- .69- —
1889 Scotland	575	(a) M.	90-90-90	.65- .65- .65
1890 C. of G'd H.	484	(a) M.	(a)	.48-1.39- —
1890 C. of G'd H.	486	(a) M.	(n)	.48-1.22- —
1890 C. of G'd H.	486	(a) M.	(a)	e .12- .70- —
1890 C. of G'd H.	486	(a) M.	(a)	b1.28-1.28-1.28
1890 Netherl'ds	666	(a) M.	95-95-95	.80- .80- .80
1891 Australia	134	(a) M.	(a)	1.32-1.32-1.32
1891 England	104	(a) M.	(a)	1.04-1.04-1.04
1891 England	107	(a) (a)	(a)	.98-1.22- —
1891 France	102	(a) M.	(a)	.39- .39- .39
1891 Scotland	576	(a) M.	(a)	.73- .73- .73
1892 Cal.	196	28 M.	(a)	1.97-1.97-1.97
1892 C. of G'd H.	486	(a) M.	(a)	.63-1.04- —
1892 C. of G'd H.	486	(a) M.	(a)	e .16-1.04- —
1892 England	111	(a) (a)	(a)	.73- .90- —
1892 England	577	(a) M.	98-98-98	1.04-1.04-1.04
1892 Italy	112	(a) M.	77-77-77	.50- .60- —
1892 Japan	134	(a) (a)	(a)	.21- .21- .21
1892 Scotland	577	(a) M.	(a)	.63- .63- .63
1892 Spain	134	(a) (a)	(a)	.39- .39- .39
1893 Ill	10	17 M.	60-84-74	1.43-2.50-1.97
1893 Md.	10	9 M.	60-105-76	.83-2.14-1.47
1893 Mont	307	4 M.	(a)	1.71-3.00-2.37
1893 N. Y.	10	12 M.	56-91-72	1.43-2.57-1.85
1893 Pa	10	9 M.	(m)	.57-1.43-1.15
1893 Pa	10	2 M.	72-78-75	b .77-1.17- .97
1893 England	578	(a) M.	84-91 —	.94- .94- .94
1893 France	507	(a) (a)	(a)	e .19- .19- .19
1893 Netherl'ds	632	(a) M.	(a)	.57- .80- —
1893 Scotland	578	(a) M.	(n)	.70- .70- .70
1894 Ohio	374	1 M.	(a)	1.29-1.29-1.29
1894 Australia	425	(a) (a)	(a)	1.04-1.56- —
1894 C. of G'd H.	487	(a) M.	70-84 —	b .16-1.22- —
1894 England	590	(a) (a)	(a)	.49- .63- —
1894 France	134	(a) (a)	(a)	.69- .69- .69
1894 France	508	(a) M.	(a)	.24- .24- .24
1895 Mich.	287	1184 M.	(a)	.27-2.75-1.29
1895 Australia	426	(a) (a)	(a)	1.04-1.56- —
1895 England	591	(a) M.	(a)	.70- .87- —
1895 Scotland	591	(a) M.	(a)	.70- .83- —
1896 Ga	15	3 M.	(a)	.43-1.43- .86
1896 Mass	15	1 M.	(a)	1.57-1.57-1.57
1896 Tenn	15	1 M.	(a)	1.43-1.43-1.43
1896 Australia	427	(a) (a)	(a)	.87-1.56- —
1896 England	592	(a) M.	(a)	.52- .63- —
1897 N. Y.	337	1396 M.	(o)	1.50-2.00-1.82
1897 Australia	428	(a) (a)	(a)	.87-1.39- —
1898 N. Y.	338	1033 M.	p84-84-84	1.50-2.00-1.84
1898 Australia	429	(a) (a)	(a)	.70-1.39- —
1898 Belgium	454	(a) (a)	84-84-84	b .39- .39- .39
1898 C. of G'd H.	149	(a) (a)	(a)	1.00-1.00-1.00
1898 England	594	(a) (a)	(a)	.64- .70- —

DRIVERS, COAL MINING.

1841	England	625	(a) M.	(a)	.12- .73- —
1841	England	625	(a) (a)	(a)	.20- .57- —
1850	England	45	(a) M.	(a)	.58- .62- —
1860	England	45	(a) M.	(a)	.67- .68- —
1861	England	564	(a) (a)	(a)	.34- .73- —
1866	England	566	(a) M.	q72-72-72	.37- .85- —
(r)	England	567	(a) M.	s72-72-72	.32- .73- —
1868	Germany	609	(a) (a)	72-72-72	.40- .40- .40
1870	Belgium	632	(a) M.	(a)	.47- .47- .47
1870	England	45	(a) M.	(a)	.69- .75- —
1872	England	577	(a) M.	66-66-66	.45- .45- .45
1873	England	185	(a) M.	(a)	.42- .75- —
1873	England	185	(a) M.	(a)	t .48-1.45- —
1873	England	577	(a) M.	60-60-60	.55- .55- .55
1873	Switzerl'd.	632	(a) M.	(a)	.62- .69- —
1874	Pa	380	41 M.	(a)	1.00-1.00-1.00

a Not reported.
b And board and lodging.
c Applies to but 6 of the 9 wage quotations.
d Applies to but 2 of the 5 wage quotations.
e And board.
f And found.
g Applies to but 7 of the 10 wage quotations.
h Applies to but 13 of the 14 wage quotations.
i Not including hours of 8 persons not reported.
j Not including hours of 13 persons not reported.
k Applies to but 2 of the 6 wage quotations.
l Applies to but 1 of the 2 wage quotations.
m 40-107-73 hours; not including hours of 1 person not reported.
n 105-105-105 hours.
o 84-112-110 hours; not including hours of 140 persons not reported.
p Not including hours of 978 persons not reported.
q Applies to but 2 of the 3 wage quotations.
r Average for 1867–68.
s Applies to but 4 of the 6 wage quotations.
t And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, COAL MINING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 England	577	(a) M.	60-60-60	0.47-0.47-0.47
1874 Wales	185	(a) M.	(a)	.34-1.86- —
1875 Pa	380	2853 M.	(a)	.60-3.00-1.45
1875 England	577	(a) M.	60-60-60	.47- .47- .47
1876 Pa	381	2969 M.	(a)	.34-6.75-1.42
1876 England	577	(a) M.	60-60-60	.37- .37- .37
1877 Ohio	359	308 M.	(a)	.50-1.75-1.46
1877 Pa	382	3320 M.	b42-72-58	.39-5.00-1.26
1877 England	45	(a) M.	(a)	.88- .97- —
1877 England	570	(a) M.	40-60 —	.23- .70- —
1877 England	577	(a) M.	60-60-60	.37- .37- .37
1878 Pa	383	2560 M.	c36-60-58	.50-2.50-1.14
1878 England	177	(a) M.	(a)	.70- .70- .70
1878 England	577	(a) M.	60-60-60	.30- .30- .30
1879 Ohio	361	498 M.	(a)	.69-1.66-1.20
1879 Pa	384	2927 M.	d42-60-58	.25-2.50-1.18
1879 England	577	(a) M.	60-60-60	.29- .29- .29
1880 Belgium	632	(a) M.	(a)	.70- .70- .70
1880 England	571	(a) M.	48-48-48	.57- .65- —
1880 England	577	(a) M.	60-60-60	.30- .30- .30
1880 Scotland	571	(a) M.	60-60-60	.63- .63- .63
1881 Ohio	363	127 M.	(a)	.90-3.00-1.80
1881 England	577	(a) M.	60-60-60	.30- .30- .30
1882 Iowa	2	22 M.	60-60-60	2.00-2.00-2.00
1882 England	577	(a) M.	60-60-60	.30- .30- .30
1883 Ohio	365	4 M.	(a)	1.67-2.37-1.86
1883 England	45	(a) M.	(a)	.74- .86- —
1883 England	577	(a) M.	60-60-60	.31- .31- .31
1884 Belgium	178	(a) M.	(a)	.19- .54- —
1884 Belgium	178	(a) F.	(a)	.33- .39- —
1884 England	178	(a) M.	e48-48-48	.73- .81- —
1884 England	577	(a) M.	60-60-60	.31- .31- .31
1884 Russia	178	(a) M.	(a)	.55- .55- .55
1884 Scotland	178	(a) M.	54-54-54	.48- .93- —
1885 Ind	1	85 M.	60-60-60	1.25-1.50-1.40
1885 Md	1	83 M.	66-66-66	1.60-1.60-1.60
1885 Mo	1	8 M.	60-60-60	1.93-2.00-1.99
1885 Ohio	1	99 M.	54-60-59	1.25-2.25-1.56
1885 Pa	1	33 M.	60-60-60	2.50-2.50-2.50
1885 Va	1	7 M.	60-60-60	.75- .75- .75
1885 W. Va	1	100 M.	54-66-60	.75-2.25-1.47
1885 Belgium	632	(a) M.	(a)	.26- .26- .26
1885 England	577	(a) M.	60-60-60	.30- .30- .30
1885 Gr't Brit	1	(a) M.	60-60-60	.50- .60- —
1886 Iowa	2	16 M.	60-60-60	2.00-2.00-2.00
1886 Belgium	456	(a) (a)	(a)	.46- .68- —
1886 England	577	(a) M.	60-60-60	.30- .30- .30
1886 England	602	(a) M.	(a)	.30- .81- —
1886 France	66	(a) M.	(a)	.74- .74- .74
1886 Gr't Brit	602	(a) M.	(a)	.32- .91- —
1886 Scotland	602	(a) M.	(a)	.34- .72- —
1886 Spain	66	(a) M.	(a)	.74- .74- .74
1887 Ohio	369	886 M.	48-60-56	1.00-2.25-1.64
1887 England	577	(a) M.	60-60-60	.28- .28- .28
1888 Ill	5	62 M.	60-60-60	1.60-2.00-1.89
1888 Ill	209	17 M.	(a)	1.50-2.00-1.81
1888 Ind	5	31 M.	(a)	1.50-2.00-1.88
1888 Kans	242	1 M.	(a)	2.25-2.25-2.25
1888 England	577	(a) M.	60-60-60	.30- .30- .30
1888 Germany	5	(a) M.	(a)	.43- .43- .43
1888 Germany	534	(a) (a)	(a)	.55- .55- .55
1889 Ala	5	480 M.	f48-60-59	.40-5.00-1.32
1889 Ill	5	357 M.	g60-60-60	1.25-2.00-1.71
1889 Ill	209	460 M.	(a)	.77-2.50-1.82
1889 Ind	5	110 M.	h60-60-60	1.15-2.05-1.91
1889 Kans	243	94 M.	54-60-56	1.75-2.25-1.87
1889 Md	5	160 M.	60-60-60	1.50-1.85-1.85
1889 Mo	299	44 (a)	(a)	1.12-2.50-1.90
1889 Ohio	5	361 M.	i48-60-55	1.25-2.20-1.88
1889 Pa	5	594 M.	j48-60-59	.81-4.00-2.02
1889 Tenn	5	12 M.	60-60-60	1.15-1.15-1.15
1889 Va	5	100 M.	72-72-72	1.00-1.00-1.00
1889 W. Va	5	79 M.	k54-60-59	1.25-1.50-1.49
1889 Belgium	5	(a) M.	l60-60-60	.25- .69- —
1889 Belgium	5	(a) F.	60-60-60	.35- .35- .35
1889 Canada	5	(a) M.	n54-60 —	.45-1.50- —
1889 England	5	(a) M.	o46-60 —	.36-1.01- —
1889 England	577	(a) M.	60-60-60	.33- .33- .33
1889 Germany	5	(a) M.	48-48-48	.48- .48- .48
1889 Germany	534	(a) (a)	(a)	.55-1.07- —
1889 Wales	5	(a) M.	57-57-57	.81- .81- .81
1890 Ala	5	4 M.	60-60-60	1.50-1.50-1.50
1890 Pa	5	9 M.	k54-54-54	1.80-2.00-1.89
1890 Australia	423	(a) (a)	48-48-48	.85-1.95- —
1890 Belgium	5	(a) M.	(a)	.29- .97- —
1890 England	5	(a) M.	(a)	.86- .86- .86
1890 England	577	(a) M.	60-60-60	.40- .40- .40
1890 Germany	5	(a) M.	48-48-48	.51- .51- .51
1891 Ohio	372	1460 M.	(a)	.75-2.25-1.78
1891 Pa	8	6 M.	60-60-60	2.00-2.00-2.00
1891 Belgium	457	(a) M.	p48-84 —	.23- .89- —
1891 Belgium	457	(a) F.	q54-84 —	.19- .39- —
1891 England	577	(a) M.	60-60-60	.40- .40- .40
1891 England	632	(a) M.	(a)	.32- .84- —
1892 Ohio	373	1276 (a)	(a)	.75-3.00-1.79
1892 Australia	114	(a) M.	(a)	.81-1.83- —
1892 England	632	(a) M.	54-54-54	1.19-1.21- —
1892 France	505	(a) M.	51-67 —	.48- .87- —
1893 Mo	302	48 M.	(a)	1.50-2.25-1.87
1893 Ohio	374	1592 M.	(a)	1.20-2.05-1.78
1893 Australia	424	(a) M.	48-48-48	.85-1.95- —
1894 Mont	308	92 M.	(a)	3.06-3.06-3.06
1894 W. Va	406	1 M.	60-60-60	1.75-1.75-1.75
1894 Australia	425	(a) (a)	(a)	.85-1.89- —
1894 Wales	584	(a) M.	(a)	.77- .85- —
1895 Ohio	376	33 M.	(a)	.60-1.75-1.49
1895 Pa	8	22 M.	60-60-60	1.50-2.00-1.61
1895 Australia	426	(a) (a)	(a)	.85-1.89- —
1895 Canada	187	(a) M.	48-72 —	.50-1.85- —
1895 Wales	591	(a) M.	(a)	.87- .87- .87
1896 Australia	427	(a) (a)	(a)	1.22-1.95- —
1896 England	592	(a) M.	(a)	.47- .55- —
1897 Pa	8	26 M.	60-60-60	2.00-2.00-2.00
1897 Pa	395	4 M.	(a)	1.25-1.51-1.39
1897 Australia	428	(a) (a)	(a)	1.22-1.83- —
1898 Pa	18	20 M.	(a)	1.45-1.70-1.69
1898 Tenn	402	8 M.	(a)	.80- .80- .80
1898 Australia	429	(a) (a)	(a)	1.22-1.83- —
1898 England	681	(a) M.	(a)	.32- .81- —
1899 Ala	18	147 M.	(a)	1.27-1.58-1.43
1899 Mich	291	68 M.	(a)	1.76-1.76-1.76
1899 Pa	18	14 M.	(a)	1.65-1.90-1.88
1899 Tenn	403	491 M.	(a)	1.00-1.84-1.38
1900 Ala	18	154 M.	(a)	1.58-1.58-1.58

a Not reported.
b Not including hours of 1,475 persons not reported.
c Not including hours of 1,780 persons not reported.
d Not including hours of 1,286 persons not reported.
e Applies to but 3 of the 4 wage quotations.
f Not including hours of 261 persons not reported.
g Not including hours of 35 persons not reported.
h Not including hours of 25 persons not reported.
i Not including hours of 45 persons not reported.
j Not including hours of 210 persons not reported.
k Not including hours of 4 persons not reported.
l Applies to but 2 of the 5 wage quotations.
n Applies to but 20 of the 21 wage quotations.
o Applies to but 6 of the 8 wage quotations.
p Applies to but 51 of the 77 wage quotations.
q Applies to but 9 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, COPPER MINING.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—		Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—	
				Hours of work per week.	Rates of wages per day (dollars).					Hours of work per week.	Rates of wages per day (dollars).
1884 Mich	278	96	M.	(a)	1.45-1.65-1.64	1889 Canada	481	(a)	M.	(a)	1.73-1.73-1.73
1888 Mich	280	45	M.	60-90-62	1.15-2.24-1.78						

DRIVERS, DELIVERY WAGONS, ETC.

1841 Mass	190	1	M.	78-78-78	1.00-1.00-1.00	1885 N. H	190	3	M.	66-66-66	1.00-2.34-1.89
1855 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1885 N. J	7	3	M.	55-60-58	1.50-1.67-1.56
1856 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1885 N. J	324	8	M.	60-72-66	1.17-2.17-1.71
1857 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1885 N. Y	7	13	M.	c54-63-56	1.33-2.00-1.77
1858 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1885 R. I	7	2	M.	66-66-66	1.67-1.67-1.67
1859 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1885 S. C	7	1	M.	(a)	d.25-.25-.25
1860 N. H	190	1	M.	60-60-60	1.50-1.50-1.50	1886 Ga	7	2	M.	60-60-60	1.50-1.50-1.50
1861 N. H	190	1	M.	66-66-66	1.50-1.50-1.50	1886 Ill	7	32	M.	c54-60-55	1.67-2.50-2.01
1862 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 Iowa	7	9	M.	c53-60-58	.67-2.17-1.40
1863 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 Md	7	2	M.	f60-60-60	1.00-1.50-1.25
1864 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 Mich	7	5	M.	b60-60-60	1.00-2.00-1.53
1865 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 N. H	190	3	M.	66-66-66	1.25-2.33-1.97
1866 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 N. Y	7	16	M.	g60-60-60	.83-2.00-1.79
1867 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 Pa	7	9	M.	b57-63-62	1.33-2.00-1.74
1868 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 W. Va	7	1	M.	(a)	1.00-1.00-1.00
1869 N. H	190	1	M.	66-66-66	2.00-2.00-2.00	1886 C. of G'd H.	483	(a)	(a)	(a)	.81-1.42—
1870 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1886 C. of G'd H.	483	(a)	(a)	(a)	h.56-.56-.56
1870 N. Y	7	8	M.	60-60-60	1.67-2.17-1.98	1887 Conn	202	9	M.	(a)	1.89-1.89-1.89
1871 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1887 N. H	190	3	M.	66-66-66	1.25-2.33-1.97
1872 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1887 Wis	409	4	M.	(a)	1.96-1.96-1.96
1873 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1887 Germany	557	(a)	(a)	(a)	i.33-.33-.33
1874 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 N. H	190	3	M.	66-66-66	1.25-2.33-1.97
1875 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 N. J	326	4	M.	b72-72-72	1.50-2.33-2.12
1876 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 N. Y	331	159	M.	j54-74-61	.77-2.50-1.96
1877 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 N. Y	331	3	M.	72-74-73	d1.67-1.75-1.72
1878 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 C. of G'd H.	485	(a)	(a)	(a)	1.01-4.06—
1879 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1888 C. of G'd H.	485	(a)	(a)	(a)	k1.03-1.03-1.03
1880 Ga	7	4	M.	60-65-63	.75-1.00-.90	1888 Germany	558	(a)	(a)	48-66—	.55-.83—
1880 Ky	7	1	M.	(a)	1.50-1.50-1.50	1889 N. H	190	3	M.	66-66-66	1.25-2.33-1.97
1880 Mich	7	1	M.	(a)	1.00-1.00-1.00	1890 N. H	190	3	M.	66-66-66	1.25-1.33-1.31
1880 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1890 N. Y	333	56	M.	(a)	.50-2.50-1.86
1880 N. J	319	1	(a)	60-60-60	1.25-1.25-1.25	1890 C. of G'd H.	484	(a)	M.	(a)	.93-2.03—
1880 Pa	7	8	M.	54-60-59	1.00-2.00-1.56	1890 C. of G'd H.	486	(a)	M.	(a)	1.12-4.06—
1881 Ga	7	1	M.	59-59-59	1.00-1.00-1.00	1890 C. of G'd H.	486	(a)	M.	(a)	d1.49-1.49-1.49
1881 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1891 N. H	190	4	M.	66-66-66	1.25-1.33-1.29
1881 N. J	320	1	M.	(a)	1.15-1.15-1.15	1891 N. Y	333	132	M.	(a)	.58-2.50-2.05
1882 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1891 Ohio	372	106	M.	48-72-59	.75-2.50-1.76
1882 N. Y	7	1	M.	(a)	2.00-2.00-2.00	1891 France	505	(a)	M.	(a)	1.11-1.11-1.11
1882 Ohio	7	6	M.	54-54-54	1.17-1.67-1.31	1892 C. of G'd H.	486	(a)	M.	(a)	.61-3.24—
1882 Pa	7	3	M.	57-57-57	1.25-1.67-1.39	1892 Scotland	632	(a)	M.	54-60—	1.22-1.70—
1882 S. C	7	2	M.	(a)	1.00-1.33-1.17	1893 Ill	10	8	M.	48-80-62	.83-2.50-1.50
1883 N. H	190	2	M.	66-66-66	2.00-2.00-2.00	1893 Md	10	3	M.	66-84-73	.42-1.17-.92
1883 Pa	7	3	M.	(a)	1.50-1.67-1.56	1893 N. Y	10	3	M.	f59-60-60	.92-2.50-1.81
1883 W. Va	7	1	M.	60-60-60	1.42-1.42-1.42	1893 Ohio	374	109	M.	l48-72-61	.50-2.50-1.73
1884 Fla	7	1	M.	(a)	.83-.83-.83	1893 Ohio	374	3	M.	60-60-60	d1.40-1.40-1.40
1884 Ky	7	2	M.	54-54-54	1.33-1.33-1.33	1893 Pa	10	6	M.	56-110-86	.66-1.43-1.11
1884 Mich	7	1	M.	60-60-60	1.50-1.50-1.50	1893 Pa	10	2	M.	82-110-96	d.71-1.43-1.07
1884 Mich	278	1	M.	(a)	1.95-1.95-1.95	1894 Iowa	236	1	M.	90-90-90	1.83-1.83-1.83
1884 N. H	190	3	M.	66-66-66	1.00-2.00-1.67	1894 Ohio	375	2	M.	60-60-60	1.50-1.50-1.50
1884 N. J	323	9	M.	48-72-61	1.00-2.50-1.78	1894 C. of G'd H.	487	(a)	M.	n51-66—	.85-3.24—
1884 Pa	7	3	M.	59-60-59	1.67-2.00-1.89	1894 C. of G'd H.	487	(a)	M.	78-78-78	i.56-1.49—
1884 R. I	7	1	M.	57-57-57	1.67-1.67-1.67	1894 France	129	(a)	M.	(a)	.91-.91-.91
1884 W. Va	7	2	M.	(a)	.83-.83-.83	1895 Conn	7	5	M.	59-59-59	1.42-2.33-2.02
1885 Conn	7	1	M.	65-65-65	1.17-1.17-1.17	1895 Ga	7	16	M.	58-60-59	.75-1.67-1.25
1885 Iowa	7	1	M.	60-60-60	1.33-1.33-1.33	1895 Iowa	7	1	M.	60-60-60	1.83-1.83-1.83
1885 Md	7	8	M.	b54-60-56	1.17-1.67-1.44	1895 Md	7	18	M.	54-60-59	.75-1.67-1.35
1885 Mich	7	2	M.	54-54-54	1.00-1.00-1.00	1895 Mass	7	1	M.	62-62-62	1.33-1.33-1.33

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d And board.
e Not including hours of 6 persons not reported.
f Not including hours of 1 person not reported.
g Not including hours of 11 persons not reported.
h And rations.
i And board and lodging.
j Not including hours of 14 persons not reported.
k And found.
l Not including hours of 15 persons not reported.
n Applies to but 3 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, DELIVERY WAGONS, ETC.—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 N. J	7	5 M.	54-60-59	1.00-2.08-1.62
1895 N. Y	7	32 M.	54-60-58	1.50-2.50-1.99
1895 Ohio	376	98 M.	48-72-61	1.25-4.00-2.41
1895 R. I	7	15 M.	57-66-60	1.50-2.00-1.69
1895 S. C	7	2 M.	60-60-60	1.50-2.00-1.75
1895 S. C	7	1 M.	66-66-66	*a*.25- .25- .25
1896 Colo	200	1 M.	24-24-24	1.05-1.05-1.05
1896 Fla	7	2 M.	60-60-60	1.00-1.17-1.09
1896 Fla	15	1 M.	(*b*)	.92- .92- .92
1896 Ga	7	12 M.	60-60-60	.60-1.67-1.25
1896 Ga	15	2 M.	(*b*)	.67- .83- .75
1896 Ill	7	56 M.	54-60-56	1.50-2.33-1.87
1896 Ill	12	1 M.	52-52-52	.50- .50- .50
1896 Iowa	7	17 M.	57-60-59	.83-2.50-1.60
1896 Ky	7	4 M.	54-60-56	1.50-1.50-1.50
1896 Md	7	7 M.	51-60-57	1.00-1.50-1.33
1896 Mich	7	17 M.	54-60-56	.58-2.50-1.52
1896 Mo	305	28 M.	42-66-58	1.55-4.00-2.71
1896 Nebr	314	9 M.	*c*66-72-67	.75-1.25-1.19
1896 N. Y	7	24 M.	54-60-59	.83-2.00-1.68
1896 Ohio	7	10 M.	54-54-54	1.00-1.67-1.30
1896 Ohio	377	11 M.	54-72-70	1.50-4.00-3.77
1896 Pa	7	71 M.	54-60-57	.83-2.33-2.05
1896 W. Va	7	5 M.	60-60-60	1.00-1.83-1.20
1897 Va	404	2 M.	60-60-60	1.00-1.58-1.29
1897 Australia	428	(*b*) M.	(*b*)	.41-2.43- —
1898 Australia	419	(*b*) (*b*)	(*b*)	1.22-1.62- —
1898 Australia	429	(*b*) M.	(*b*)	.41-2.03- —
1899 N. Zealand	681	(*b*) M.	52-62 —	1.52-1.82- —

DRIVERS, EXPRESS.

1870	Germany	185	(*b*)	M.	(*b*)	.24- .45- —	1887	Kans	241	3	M.	72-72-72	1.33-1.33-1.33
1871	Mass	267	12	M.	(*b*)	2.49-2.49-2.49	1887	Canada	469	(*b*)	M.	66-66-66	1.40-1.40-1.40
1882	Ill	206	2	M.	60-60-60	1.50-1.50-1.50	1891	Ohio	372	18	M.	60-60-60	1.50-1.50-1.50
1884	Iowa	231	1	M.	60-60-60	1.50-1.50-1.50	1891	France	505	(*b*)	M.	60-60-60	.77- .97- —
1884	Mich	278	21	M.	(*b*)	.96-2.30-1.54	1893	Ill	10	43	M.	*d*46-72-60	.50-3.33-1.90
1884	N. J	323	2	M.	78-90-84	1.73-2.50-2.12	1893	Md	10	5	M.	60-72-65	.83-1.67-1.43
1885	Kans	239	2	M.	72-72-72	1.75-2.00-1.88	1893	N. Y	10	42	M.	*c*48-80-65	.50-3.33-1.81
1886	Ill	208	1	M.	(*b*)	2.75-2.75-2.75	1893	Pa	10	12	M.	50-90-67	1.00-3.33-1.96
1886	Kans	240	1	M.	60-60-60	1.25-1.25-1.25	1893	N. Zealand	668	(*b*)	M.	60-60-60	2.03-2.03-2.03
1886	Canada	468	(*b*)	M.	61-61-61	1.39-1.39-1.39	1894	Ohio	374	1	M.	(*b*)	.83- .83- .83

DRIVERS, GYPSUM MINING.

1888	Mich	280	21	M.	60-66-62	1.25-1.50-1.35

DRIVERS, IRON MINING.

1874	Pa	380	3	M.	(*b*)	1.11-1.11-1.11	1888	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1874	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1888	Italy	5	(*b*)	M.	(*b*)	.40- .40- .40
1875	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Ala	5	79	M.	60-63-61	.50-1.60-1.03
1876	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Ga	5	2	M.	(*b*)	1.00-1.00-1.00
1877	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Mich	5	85	M.	60-60-60	1.37-1.90-1.59
1878	Pa	383	7	M.	(*b*)	1.12-1.12-1.12	1889	Minn	5	11	M.	60-60-60	1.80-1.80-1.80
1878	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Mo	5	42	M.	(*b*)	.45-1.15- .93
1879	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Mo	299	30	(*b*)	(*b*)	.45-1.19- .94
1880	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	N. Y	5	26	M.	(*b*)	.70-3.00-1.63
1881	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Ohio	5	16	M.	*e*48-60-51	1.00-2.20-1.38
1882	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Pa	5	42	M.	*f*60-60-60	.50-1.40-1.09
1883	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Tenn	5	11	M.	(*b*)	1.00-1.00-1.00
1884	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1889	Wis	5	6	M.	(*b*)	.90-2.50-1.75
1885	Va	1	1	M.	60-60-60	.90- .90- .90	1889	England	5	(*b*)	M.	48-48-48	.85- .85- .85
1885	Germany	128	(*b*)	(*b*)	(*b*)	.75- .75- .75	1889	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1885	Gr't Brit	1	(*b*)	M.	54-54-54	.62- .72- —	1890	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1886	Germany	128	(*b*)	(*b*)	(*b*)	.75- .75- .75	1891	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1886	Gr't Brit	602	(*b*)	M.	(*b*)	.49- .70- —	1892	France	505	(*b*)	M.	60-66 —	.72- .77- —
1887	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80	1892	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1888	N. Y	5	4	M.	60-60-60	1.25-1.25-1.25	1893	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80
1888	Pa	5	1	M.	(*b*)	.50- .50- .50	1893	Italy	639	(*b*)	M.	(*b*)	.77- .77- .77
1888	Va	5	29	M.	66-72-68	1.00-1.10-1.06	1894	Germany	128	(*b*)	(*b*)	(*b*)	.80- .80- .80

a And board.
b Not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 8 persons not reported.
f Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, LEAD AND ZINC MINING.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1841	England	625	(a) M.	(a)	0.20-0.41- —
1876	Pa	381	9 M.	(a)	1.20-1.20-1.20
1889	Mo	299	14 (a)	(a)	.64-1.20- .79
1889	Australia	100	(a) M.	48-48-48	2.03-2.03-2.03
1892	Algeria	505	(a) M.	70-70-70	0.92-0.97- —
1892	Australia	424	(a) M.	48-48-48	2.03-2.03-2.03
1893	Mo	303	12 M.	(a)	1.00-2.50-1.45

DRIVERS, SILVER MINING.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1889	Australia	422	(a) (a)	48-48-48	2.03-2.03-2.03
1890	Australia	423	(a) (a)	48-48-48	2.03-2.03-2.03
1894	Australia	425	(a) (a)	48-48-48	1.95-2.03- —
1895	Australia	426	(a) (a)	48-48-48	1.95-2.03- —
1896	Australia	427	(a) (a)	48-48-48	1.95-2.03- —
1897	Australia	428	(a) (a)	48-48-48	1.95-2.03- —
1898	Australia	429	(a) (a)	48-48-48	1.95-1.95-1.95

DRIVERS, STREET CAR.

Year	State or country	Rep't No.	Number	Sex	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1871	Mass	267	119	M.	(a)	1.67-1.75-1.74
1875	Belgium	169	(a)	M.	(a)	.68- .87- —
1881	Pa	2	32	M.	(b)	1.75-2.00-1.88
1881	Tex	2	6	M.	96-96-96	1.73-1.73-1.73
1882	Ill	206	4	M.	(a)	1.81-1.81-1.81
1882	Mo	294	11	M.	78-108-95	1.43-2.00-1.64
1882	Ohio	364	531	(a)	72-96-83	.86-1.83-1.59
1882	Ohio	364	10	(a)	96-96-96	c .83- .83- .83
1883	D. C	2	558	M.	(d)	1.50-2.00-1.81
1883	N. J	322	91	M.	66-78-68	(a) 2.08-2.00
1884	Cal	192	25	M.	e 72-78-77	1.96-2.25-2.17
1884	D. C	2	10	M.	98-98-98	1.75-1.75-1.75
1884	Ill	207	5	M.	72-96-90	2.00-2.50-2.21
1884	Iowa	231	41	M.	f 72-96-81	1.33-2.00-1.59
1884	Iowa	231	2	M.	60-60-60	c .83- .83- .83
1884	Mich	278	9	M.	(a)	1.25-1.75-1.53
1884	Mo	2	120	M.	72-72-72	1.70-1.75-1.73
1884	Mo	295	226	M.	(g)	.96-2.50-1.76
1884	N. J	323	18	M.	(a)	2.00-2.00-2.00
1884	N. Y	2	125	M.	(h)	1.80-1.80-1.80
1884	Ohio	2	220	M.	85-85-85	1.75-1.75-1.75
1884	Pa	388	1293	M.	60-102-90	.70-1.95-1.82
1884	Aust-Hun	178	(a)	M.	i 60-72 —	.37- .83- —
1884	Belgium	178	(a)	M.	j 60-72 —	.48- .97- —
1884	Brazil	178	(a)	M.	k 60-66 —	.63-1.58- —
1884	Br. Guiana	178	(a)	M.	99-99-99	.50- .50- .50
1884	Canada	178	(a)	M.	60-96 —	1.00-1.67- —
1884	Canada	466	(a)	M.	82-82-82	1.21-1.21-1.21
1884	Colombia	134	(a)	(a)	(a)	.81- .81- .81
1884	Cuba	178	(a)	(a)	(a)	.93- .93- .93
1884	Denmark	178	(a)	M.	60-60-60	.72- .72- .72
1884	Ecuador	178	(a)	M.	l 60-60-60	1.07-1.50- —
1884	England	178	(a)	M.	n 53-96 —	.41-1.62- —
1884	France	178	(a)	M.	o 60-60-60	.58- .93- —
1884	Germany	178	(a)	M.	p 60-84 —	.47-1.19- —
1884	Ireland	178	(a)	M.	(a)	.69- .73- —
1884	Italy	178	(a)	M.	q 60-72 —	.39- .97- —
1884	Mexico	178	(a)	(a)	r 60-60-60	0.18- .83- —
1884	Netherl'ds	178	(a)	M.	60-63 —	.67- .87- —
1884	Peru	178	(a)	M.	(a)	1.10-1.10-1.10
1884	Philip. Is	178	(a)	M.	(a)	.50-1.00- —
1884	Russia	178	(a)	M.	60-126 —	.32- .86- —
1884	Scotland	178	(a)	M.	s 51-77 —	.69-1.08- —
1884	Spain	178	(a)	M.	t 60-84 —	.40- .77- —
1884	Switzerl'd	178	(a)	M.	60-66 —	.59- .77- —
1884	Turk. in A	178	(a)	(a)	66-66-66	.41- .82- —
1884	Venezuela	178	(a)	(a)	l 60-60-60	1.02-2.00- —
1885	Kans	239	2	M.	(t)	1.13-1.13-1.13
1885	Mo	296	193	M.	60-75-72	.96-1.68-1.63
1885	Ohio	2	10	M.	(b)	1.10-1.25-1.18
1885	Pa	389	1203	M.	60-102-92	.75-2.25-1.81
1885	Tenn	2	71	M.	72-72-72	1.30-1.30-1.30
1885	Canada	467	(a)	M.	76-76-76	1.26-1.26-1.26
1886	Cal	193	513	M.	78-90-78	1.50-2.00-1.98
1886	Ill	2	36	M.	79-79-79	1.43-1.43-1.43
1886	Iowa	2	5	M.	84-84-84	1.14-1.14-1.14
1886	Iowa	232	3	M.	(a)	1.50-1.50-1.50
1886	Kans	240	66	M.	84-112-95	1.00-1.50-1.33
1886	Md	2	329	M.	84-84-84	1.50-1.63-1.55
1886	Minn	2	202	M.	77-105-84	1.00-2.25-1.60
1886	Argentina	57	(a)	M.	60-60-60	.83-1.17- —
1886	Canada	468	(a)	M.	73-73-73	1.47-1.47-1.47
1886	Netherl'ds	456	(a)	(a)	72-82 —	.80- .90- —
1887	Kans	241	72	M.	(u)	1.00-1.50-1.35
1887	Mo	297	207	M.	60-84-71	.77-2.10-1.72
1887	Wis	409	196	M.	(a)	1.68-1.80-1.80
1887	Canada	469	(a)	M.	74-74-74	1.18-1.20- —
1887	Netherl'ds	598	(a)	(a)	(a)	.81- .91- —
1888	Kans	242	127	M.	(v)	1.00-1.50-1.41
1888	N. J	326	3	(a)	72-78-76	1.75-2.00-1.83
1888	Ohio	370	723	M.	w 54-96-73	1.00-2.00-1.70
1888	Pa	389	78	M.	72-96-83	.65-2.00-1.87
1888	R. I	397	4	M.	(a)	2.12-2.25-2.15
1888	Canada	470	(a)	M.	72-72-72	1.50-1.50-1.50

a Not reported.
b 105-105-105 hours.
c And board.
d 77-116-100 hours.
e Not including hours of 5 persons not reported.
f Not including hours of 3 persons not reported.
g 60-102-76 hours; not including hours of 14 persons not reported.
h 112-112-112 hours.
i Applies to but 5 of the 7 wage quotations.
j Applies to but 4 of the 6 wage quotations.
k Applies to but 3 of the 5 wage quotations.
l Applies to but 2 of the 4 wage quotations.
n Applies to but 14 of the 30 wage quotations.
o Applies to but 4 of the 5 wage quotations.
p Applies to but 38 of the 42 wage quotations.
q Applies to but 6 of the 8 wage quotations.
r Applies to but 4 of the 7 wage quotations.
s Applies to but 6 of the 9 wage quotations.
t 102-102-102 hours.
u 84-119-94 hours; not including hours of 8 persons not reported.
v 63-112-87 hours; not including hours of 43 persons not reported.
w Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DRIVERS, STREET CAR—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Kans.	243	196 M.	(a)	1.00-2.00-1.39
1889 Canada	471	(b) M.	77-85 —	1.20-1.23- —
1889 Germany	550	(b) M.	(b)	.68- .82- —
1890 Conn.	203	247 M.	(c)	1.50-2.00-1.85
1890 Kans.	244	1 M.	(b)	1.20-1.20-1.20
1890 Netherl'ds	666	(b) M.	60-102 —	.40- .94- —
1891 Ohio	372	80 M.	72-72-72	1.60-1.60-1.60
1891 Australia	134	(b) M.	(b)	2.00-2.00-2.00
1891 Belgium	457	(b) M.	87-87-87	.77- .77- .77
1891 England	104	(b) M.	(b)	.97- .97- .97
1891 England	107	(b) (b)	(b)	1.10-1.34- —
1891 Germany	107	(b) (b)	(b)	.60- .71- —
1891 Ireland	107	(b) (b)	60-60-60	.73- .97- —
1892 Cal.	196	10 M.	d66-66-66	2.00-2.00-2.00
1892 Kans.	246	17 M.	98-98-98	1.25-1.25-1.25
1892 Ohio	373	468 (b)	e54-96-70	.85-1.75-1.68
1892 C.of G'd H.	486	(b) M.	(b)	1.05-1.30- —
1892 Italy	112	(b) M.	66-66-66	.80-1.00- —
1892 Netherl'ds	618	(b) M.	99-99-99	.67- .94- —
1892 Scotland	632	(b) M.	63-63-63	.85-1.09- —
1892 Spain	115	(b) M.	(b)	.50- .50- .50
1893 Ill	10	3 M.	48-78-62	1.50-1.67-1.61
1893 Md.	10	1 M.	84-84-84	1.50-1.50-1.50
1893 Mo.	302	211 M.	f48-84-69	.83-2.25-1.66
1893 N. Y.	10	4 M.	60-84-72	1.50-2.17-1.92
1893 Pa	10	4 M.	72-91-81	2.00-2.40-2.10
1893 France	507	(b) (b)	72-72-72	.68- .77- —
1893 N. Zealand	668	(b) M.	84-84-84	2.43-2.43-2.43
1894 Ohio	374	1 M.	(b)	1.33-1.33-1.33
1894 Aust-Hun.	434	(b) M.	60-60-60	.54- .68- —
1894 C.of G'd H.	487	(b) M.	51-72 —	1.01-1.62- —
1894 England	590	(b) (b)	(b)	.81-1.20- —
1894 France	134	(b) (b)	(b)	.75- .75- .75
1895 Mich.	287	36 M.	(b)	1.14-1.90-1.68
1895 Canada	187	(b) M.	72-72-72	1.25-1.25-1.25
1895 England	591	(b) M.	(b)	.81-1.28- —
1895 Greece	137	(b) (b)	(b)	.33- .33- .33
1895 Scotland	585	(b) M.	(b)	.97-1.01- —
1895 Spain	133	(b) M.	(b)	.50- .50- .50
1896 Ill.	12	1 M.	70-70-70	1.65-1.65-1.65
1896 Br.Guiana	184	(b) M.	99-99-99	.50- .58- —
1896 England	592	(b) M.	(b)	1.01-1.12- —
1896 Mexico	184	(b) M.	(b)	.25- .52- —
1897 Aust-Hun.	437	(b) (b)	60-72 —	.61- .61- .61
1897 England	593	(b) (b)	70-84 —	1.30-1.34- —
1897 England	679	(b) (b)	70-70-70	1.26-1.26-1.26
1897 France	511	(b) M.	72-72-72	.72- .92- —
1898 Algeria	512	(b) M.	g60-60-60	.77- .82- —
1898 England	594	(b) (b)	(b)	1.14-1.22- —
1898 Germany	151	(b) (b)	(b)	.63- .79- —

DROP FORGERS.

1883	Conn.	8	1	M.	60-60-60	3.60-3.60-3.60	1895	Ohio	376	4	M.	60-60-60	2.50-2.50-2.50
1890	N. Y.	333	12	M.	(b)	3.00-3.25-3.04	1895	N. Zealand	670	(b)	M.	(b)	2.07-2.07-2.07
1891	N. Y.	333	33	M.	(b)	1.75-3.25-2.26	1896	Conn.	8	28	M.	60-60-60	1.50-4.00-2.45
1893	Ohio	374	3	M.	60-60-60	3.00-3.00-3.00	1896	Ohio	377	56	M.	48-60-60	2.25-4.00-2.91
1894	Ohio	375	4	M.	60-60-60	2.50-2.50-2.50	1897	Conn.	8	4	M.	60-60-60	2.00-2.50-2.38
1895	Mass	8	1	M.	60-60-60	2.50-2.50-2.50	1897	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00

DROP FORGERS' HELPERS.

1896	Conn.	8	5	M.	60-60-60	1.00-1.50-1.20	1897	Conn.	8	2	M.	60-60-60	1.50-1.50

DROP HANDS, IRON AND STEEL.

1884	Wales	178	(b)	M.	72-72-72	1.09-1.09-1.09	188	[illegible]	5	3	M.	60-60-60	1.75-1.75-1.75
1885	N. Y.	1	20	M.	72-72-72	2.00-2.00-2.00	[illegible]	Y.	5	7	M.	72-72-72	1.35-1.70-1.47
1885	Gr't Brit	1	(b)	M.	72-72-72	.98- .98-							

DROP HANDS, JEWELRY.

1885	N. J	7	1	M.	(b)	2.5[illegible]2.50-2.50	1896	N. J	8	2	M.	60-60-60	2.30-2.30-2.30
1895	N. J	7	1	M.	60-60-60	2.3[illegible]2.33-2.33	1896	N. Y	8	1	M.	60-60-60	2.80-2.80-2.80

a 84-105-92 hours; not including hours of 20 persons not reported.
b Not reported.
c 66-100-85 hours; not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 36 persons not reported.
f Not including hours of 2 persons not reported.
g Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DROVERS, SHEEP FARMING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1872 Aust-Hun.	632	(a) M.	(a)	0.11-0.13- —	1893 Australia.	134	(a) M.	(a)	b0.87-1.39- —
1878 Australia.	177	(a) M.	(a)	.87-1.39- —	1896 Australia.	184	(a) M.	(a)	c .87-1.39- —
1884 Australia.	178	(a) (a)	(a)	b .87-1.39- —	1897 Australia.	418	(a) (a)	(a)	d .52- .52- .52
1884 England..	178	(a) M.	(a)	.63- .63- .63	1898 Australia.	419	(a) M.	(a)	d .70- .87- —
1885 Australia.	175	(a) M.	(a)	c .87-1.39- —	1898 Australia.	419	(a) (a)	(a)	.70-1.04- —
1886 Australia.	184	(a) M.	(a)	c .87-1.39- —					

DRUM RUNNERS, COAL MINING.

1891	Belgium ..	457	(a)	M.	(a)	.25- .33- —	1891	Belgium ..	457	(a) F.	(a)	.25- .31- —

DRUM STRIPPERS, CARPETINGS.

1885	N. Y.....	1	30	M.	60-66-61	1.50-1.70-1.53	1891	N. Y.....	333	5	M.	(a)	1.50-1.50-1.50
1890	N. Y.....	333	5	M.	(a)	1.50-1.50-1.50							

DRUM TENDERS, TEXTILES.

1884	Canada ...	466	(a)	F.	59-59-59	.64- .67- —	1887	Mass	3	1	F.	59-59-59	.67- .67- .67
1886	Pa	7	4	M.	60-60-60	1.17-1.25-1.19	1896	Pa	7	6	M.	60-60-60	1.00-1.42-1.20

DRY COLOR WORKERS.

1890	N. Y.....	333	19	M.	(a)	2.50-2.50-2.50	1893	Ohio	374	5	M.	60-60-60	2.06-2.06-2.06
1891	N. Y.....	333	19	M.	(a)	2.50-2.50-2.50	1894	Ohio	375	5	M.	60-60-60	2.17-2.17-2.17

DRY GAUGERS.

1882	Ohio	364	6	(a)	e60-60-60	1.33-2.71-2.12	1885	Ohio	1	1	M.	72-72-72	1.50-1.50-1.50
1885	Ill	1	1	M.	72-72-72	3.67-3.67-3.67							

DRYING CAN TENDERS, BLEACHING, DYEING, AND PRINTING.

1880	Mass	7	14	M.	60-60-60	.46-1.10- .55	1896	Conn.....	7	25	M.	60-60-60	.75-1.95-1.27
1885	Conn.....	7	13	M.	60-60-60	.50-1.60-1.19	1896	R. I	7	10	M.	60-60-60	.50-1.00- .71
1895	Mass	7	23	M.	58-60-60	1.00-1.33-1.10							

DUMPERS, BRICK, TILE, AND SEWER PIPE.

1887	Wis	409	16	M.	(a)	1.50-1.50-1.50	1893	Ohio	374	8	M.	36-60-55	1.00-2.00-1.45
1888	N. Y.....	331	24	M.	f59-72-64	1.75-2.35-2.07	1895	Mass	8	1	M.	54-54-54	1.38-1.38-1.38
1890	N. Y.....	333	122	M.	(a)	1.42-2.38-2.16	1896	Ohio	377	3	M.	48-54-50	1.50-2.10-1.70
1891	N. Y.....	333	106	M.	(a)	1.42-2.35-2.09							

a Not reported.
b And rations.
c And board.
d And found.
e Not including hours of 2 persons not reported.
f Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DUMPERS, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Germany	185	(a) (a)	(a)	0.12-0.12-0.12
1874 Pa	380	96 M.	(a)	1.65-1.65-1.65
1875 Pa	380	391 M.	(a)	.75-3.00-1.70
1876 Pa	381	533 M.	(a)	.50-2.75-1.56
1877 Ohio	359	106 M.	(a)	1.00-2.00-1.37
1877 Pa	382	499 M.	b42-72-58	.43-2.50-1.35
1878 Pa	383	437 M.	c36-60-58	.50-3.00-1.25
1879 Ohio	361	201 M.	(a)	.77-1.53-1.13
1879 Pa	384	634 M.	d42-60-59	.25-2.25-1.24
1881 Ohio	363	20 M.	(a)	1.00-1.75-1.40
1885 Md	1	20 M.	66-66-66	1.35-1.35-1.35
1885 Ohio	1	17 M.	54-60-60	1.25-1.75-1.49
1885 Pa	1	12 M.	60-60-60	2.50-2.50-2.50
1885 W. Va	1	6 M.	60-60-60	1.25-1.90-1.36
1887 Ohio	369	88 M.	54-60-57	1.25-1.75-1.52
1888 Ill	5	2 M.	60-60-60	1.60-1.60-1.60
1888 Germany	5	(a) M.	(a)	.40- .40- .40
1888 Germany	5	(a) F.	e72-72-72	.24- .24- .24
1889 Ala	5	68 M.	48-66-60	1.10-1.50-1.14
1889 Ill	5	25 M.	f60-60-60	1.25-2.00-1.58
1889 Ill	209	27 M.	(a)	1.12-1.98-1.71
1889 Ind	5	21 M.	g60-60-60	1.25-2.38-1.57
1889 Kans	243	36 M.	54-60-57	1.50-2.50-1.87
1889 Md	5	6 M.	60-60-60	1.50-1.50-1.50
1889 Mo	299	19 (a)	(a)	1.43-2.15-1.77
1889 Ohio	5	74 M.	h48-60-55	.80-2.00-1.55
1889 Pa	5	88 M.	i48-60-59	1.00-2.50-1.63
1889 Tenn	5	5 M.	60-60-60	1.30-1.30-1.30
1889 Va	5	15 M.	72-72-72	2.25-2.25-2.25
1889 W. Va	5	14 M.	60-60-60	1.30-2.00-1.52
1889 Germany	5	(a) M.	72-72-72	.64- .64- .64
1889 Germany	534	(a) (a)	(a)	.40- .71- —
1890 Ala	5	4 M.	(a)	1.25-1.25-1.25
1890 Pa	5	3 M.	j54-54-54	1.50-1.75-1.58
1890 Belgium	5	(a) M.	(a)	.23- .58- —
1890 Germany	5	(a) M.	72-72-72	.60- .60- .60
1891 Ohio	372	304 M.	(a)	1.00-2.50-1.64
1892 Ohio	373	253 (a)	(a)	.75-2.05-1.65
1893 Mo	302	17 M.	(a)	1.75-2.00-1.78
1893 Mont	307	1 M.	54-54-54	3.00-3.00-3.00
1893 Ohio	374	305 M.	(a)	1.25-1.95-1.63
1894 W. Va	406	1 M.	72-72-72	1.50-1.50-1.50
1895 Ohio	376	5 M.	(a)	1.00-1.75-1.41
1895 Pa	8	2 M.	60-60-60	1.40-1.65-1.53
1899 Ala	18	22 M.	(a)	1.20-1.49-1.34
1900 Ala	18	21 M.	(a)	1.43-1.49-1.45

DUMPERS, IRON MINING.

1878	Pa	383	1	M.	(a)	1.25-1.25-1.25	1889	Mich	5	137	M.	57-60-60	1.50-1.75-1.54
1879	Pa	384	1	M.	(a)	1.00-1.00-1.00	1889	N. Y	5	11	M.	(a)	1.50-1.50-1.50
1885	Gr't Brit	1	(a)	M.	54-54-54	.96- .96- .96	1889	Ohio	5	5	M.	j51-60-54	1.25-1.50-1.30
1888	Va	5	4	M.	72-72-72	1.10-1.10-1.10	1889	Pa	5	16	M.	60-60-60	1.10-1.30-1.15
1889	Ala	5	11	M.	60-60-60	1.25-1.50-1.31	1889	Wis	5	15	M.	(a)	1.80-2.00-1.91
1889	Ga	5	3	M.	(a)	1.00-1.00-1.00	1890	Mich	5	7	M.	60-60-60	1.70-1.70-1.70

DUMPERS, LEAD AND ZINC MINING.

1893	Mo	303	7	M.	(a)	1.21-1.26-1.24	....	.....	....	....	...	.....	.....

DUMPERS, PHOSPHATE MINING.

1891	S. C	9	41	M.	60-60-60	1.00-1.25-1.02	....	.....	....	....	...	.....	.....

DYEING-ROOM HANDS.

1845	N. Y	8	2	M.	78-78-78	.60- .60- .60	1871	Mass	190	9	M.	66-66-66	1.13-1.13-1.13
1859	Mass	190	16	M.	78-78-78	.62- .62- .62	1872	Mass	190	13	M.	66-66-66	.50-1.13- .88
1860	Mass	190	20	M.	78-78-78	.54- .64- .62	1873	Mass	190	6	M.	66-66-66	1.13-1.13-1.13
1861	Mass	190	13	M.	78-78-78	.62- .64- .62	1874	Mass	190	5	M.	66-66-66	1.13-1.13-1.13
1862	Mass	190	52	M.	78-78-78	.54- .65- .63	1875	Mass	190	6	M.	66-66-66	1.13-1.13-1.13
1863	Mass	190	18	M.	78-78-78	.77- .77- .77	1876	Mass	190	7	M.	60-60-60	1.13-1.13-1.13
1864	Mass	190	39	M.	78-78-78	.77-1.00- .80	1877	Mass	190	4	M.	60-60-60	1.00-1.00-1.00
1865	Mass	190	17	M.	66-66-66	1.00-1.13-1.01	1877	England	570	(a)	M.	56-56-56	.57- .57- .57
1867	Mass	190	17	M.	66-66-66	.85-1.13-1.05	1878	Mass	190	7	M.	60-60-60	.90-1.00- .99
1868	Mass	190	8	M.	66-66-66	.85-1.13-1.00	1878	Pa	383	4	M.	60-60-60	1.33-1.33-1.33
1869	Mass	190	9	M.	66-66-66	.85-1.13-1.09	1879	Mass	190	6	M.	60-60-60	1.00-1.00-1.00
1870	Mass	190	9	M.	66-66-66	1.13-1.13-1.13	1880	Mass	190	19	M.	60-60-60	1.00-1.20-1.06
1870	R. I	190	1	M.	72-72-72	.95- .95- .95	1880	England	571	(a)	M.	56-56-56	.57- .57- .57

a Not reported.
b Not including hours of 192 persons not reported.
c Not including hours of 304 persons not reported.
d Not including hours of 308 persons not reported.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 8 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 7 persons not reported.
i Not including hours of 26 persons not reported.
j Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYEING-ROOM HANDS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 Ky	7	5 M.	(a)	1.00-1.25-1.10
1881 Mass	190	9 M.	60-60-60	.75-1.20-1.07
1882 Mass	190	9 M.	60-60-60	.75-1.20-1.07
1883 Mass	190	9 M.	60-60-60	1.20-1.20-1.20
1883 Tenn	7	8 M.	66-66-66	.80-1.00- .88
1884 Mass	190	7 M.	60-60-60	1.20-1.20-1.20
1885 Mass	7	16 M.	60-60-60	1.00-1.38-1.20
1885 Mass	190	6 M.	60-60-60	1.20-1.20-1.20
1886 Mass	190	4 M.	60-60-60	1.20-1.20-1.20
1887 Mass	190	6 M.	60-60-60	1.20-1.20-1.20
1888 Mass	190	5 M.	60-60-60	1.20-1.20-1.20
1888 N. Y	331	3 M.	(a)	1.25-1.25-1.25
1889 Conn	6	18 M.	(a)	.60-1.50-1.09
1889 Mass	190	4 M.	60-60-60	1.20-1.20-1.20
1890 Mass	190	9 M.	60-60-60	1.00-1.20-1.18
1890 N. Y	333	19 M.	(a)	1.25-4.00-1.49
1890 R. I	6	19 M.	(a)	1.00-1.00-1.00
1891 Mass	190	10 M.	60-60-60	.75-1.20-1.16
1891 N. Y	333	20 M.	(a)	1.25-4.00-1.50
1894 N. Y	8	2 M.	60-60-60	1.25-1.25-1.25
1894 N. C	8	11 M.	69-72-71	.45-1.25- .69
1895 Ga	7	2 M.	60-60-60	1.50-1.50-1.50
1895 Ga	8	10 M.	66-66-66	.75-1.50-1.20
1895 Mass	7	23 M.	58-58-58	.75-1.50-1.14
1895 N. C	8	29 M.	66-70-68	.65-1.00- .82
1895 Ohio	376	4 M.	b 60-60-60	.75-1.25-1.13
1895 S. C	7	6 M.	66-66-66	.50-1.00- .92
1895 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1895 S. C	8	3 F.	66-66-66	1.00-1.00-1.00
1895 Tenn	7	29 M.	66-66-66	.75-1.10- .85
1895 Va	7	3 M.	60-60-60	2.00-2.25-2.08
1896 Conn	8	3 M.	60-60-60	1.25-1.25-1.25
1896 Ga	8	3 M.	66-66-66	.50-1.00- .75
1896 Ky	7	8 M.	60-60-60	.53-1.25- .83
1896 N. C	7	5 M.	68-68-68	.75- .75- .75
1896 Ohio	377	15 M.	59-59-59	1.25-1.25-1.25
1896 Pa	7	2 M.	60-60-60	1.00-1.17-1.09

DYERS, ARTIFICIAL FLOWERS.

1890 N. Y	333	4 M.	(a)	2.50-3.00-2.88
1891 N. Y	333	4 M.	(a)	2.50-3.00-2.88
1894 France	129	(a) F.	60-60-60	1.16-1.16-1.16

DYERS, BROOMS.

1881 N. Y	8	4 M.	54-60-57	.75- .83- .77
1895 N. Y	8	4 M.	60-60-60	1.25-1.50-1.31

DYERS, BUTTONS.

1850 Conn	8	1 M.	60-60-60	1.00-1.00-1.00
1857 N. J	8	1 M.	66-66-66	2.00-2.00-2.00
1862 Mass	8	3 M.	60-60-60	2.25-2.25-2.25
1885 N. J	7	1 M.	59-59-59	3.75-3.75-3.75
1887 Germany	557	(a) F.	57-60 —	.28- .56- —
1887 Germany	557	(a) (a)	57-57-57	.44- .95- —
1888 N. J	326	2 M.	(a)	2.50-2.50-2.50
1892 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Mass	8	2 M.	60-60-60	4.00-4.00-4.00
1895 N. J	7	2 M.	59-59-59	3.50-3.50-3.50
1898 Germany	153	(a) (a)	60-60-60	.79- .95- —

DYERS, CLOTHING.

1863 Scotland	565	(a) (a)	(a)	.49- .73- —
1869 Greece	609	(a) (a)	(a)	.52- .52- .52
1870 N. Y	7	4 M.	(a)	1.50-1.67-1.58
1877 N. J	317	2 (a)	59-59-59	2.25-5.00-3.63
1879 Pa	384	1 M.	60-60-60	1.67-1.67-1.67
1880 Ga	7	1 M.	60-60-60	2.00-2.00-2.00
1880 Pa	7	1 M.	60-60-60	2.33-2.33-2.33
1880 Pa	385	1 M.	60-60-60	2.30-2.30-2.30
1880 England	571	(a) M.	60-60-60	.85- .85- .85
1881 Pa	386	1 M.	60-60-60	2.00-2.00-2.00
1882 Mo	294	1 M.	60-60-60	2.50-2.50-2.50
1882 N. Y	7	1 M.	(a)	2.33-2.33-2.33
1883 Mich	277	1 M.	(a)	2.25-2.25-2.25
1883 N. J	322	1 (a)	72-72-72	1.42-1.42-1.42
1884 Mich	278	1 M.	(a)	2.00-2.00-2.00
1885 N. Y	7	2 M.	(a)	2.00-2.50-2.25
1886 Iowa	232	1 M.	63-63-63	2.00-2.00-2.00
1886 N. Y	7	4 M.	c 60-60-60	1.67-3.00-2.33
1886 Pa	2	130 M.	60-60-60	1.25-2.00-1.83
1887 Ohio	369	54 M.	60-60-60	1.00-2.69-1.76
1888 N. Y	331	112 M.	d 48-60-53	1.45-3.00-1.63
1890 N. Y	333	9 M.	(a)	1.67-2.92-2.25
1891 N. Y	333	11 M.	(a)	1.67-2.92-2.28
1892 England	11	(a) (a)	(a)	.97- .97- .97
1893 Ill	10	3 M.	b 60-60-60	1.50-2.33-1.94
1893 Md	10	1 M.	54-54-54	2.00-2.00-2.00
1893 N. Y	10	4 M.	54-60-57	1.33-2.50-2.17
1893 Pa	10	1 M.	60-60-60	2.00-2.00-2.00
1894 France	129	(a) M.	60-60-60	.87-1.16- —
1895 Ga	7	1 M.	60-60-60	2.67-2.67-2.67
1895 N. Y	7	7 M.	60-60-60	2.17-3.00-2.52
1895 Ohio	376	35 M.	60-60-60	1.26-2.00-1.28
1895 Ohio	376	10 F.	60-60-60	.76- .76- .76
1896 N. Y	7	11 M.	60-60-60	1.50-3.00-2.17
1896 N. C	350	1 M.	66-66-66	.75- .75- .75
1896 Pa	7	2 M.	60-60-60	2.33-2.67-2.50
1896 Aust-Hun	436	(a) (a)	57-57-57	.61- .95- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 96 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, FEATHERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	5 M.	(a)	1.33-2.50-1.67	1891 N. Y.	333	8 M.	(a)	1.00-4.67-2.60
1888 N. Y.	331	1 (a)	52-52-52	3.50-3.50-3.50	1895 N. Y.	7	7 M.	45-49-46	1.17-2.67-1.74
1890 N. Y.	333	8 M.	(a)	1.00-4.17-2.52					

DYERS, FURS.

1884 Belgium ..	178	(a)	M.	78-78-78	.55-1.23- —	1889 Germany .	550	(a)	M.	(a)	.71- .95- —

DYERS, HATS AND CAPS.

1839 England ..	562	(a)	M.	60-60-60	1.22-1.22-1.22	1888 N. Y.	331	32	M.	b 44-58-51	1.00-5.00-1.66
1849 England ..	562	(a)	M.	60-60-60	1.14-1.14-1.14	1888 Germany..	558	(a)	(a)	66-66-66	.54- .89- —
1859 England ..	562	(a)	M.	60-60-60	1.22-1.22-1.22	1890 N. Y.	333	21	M.	(a)	.67-5.83-1.63
1862 Conn	8	1	M.	60-60-60	1.50-1.50-1.50	1891 N. Y.	333	51	M.	(a)	.67-5.83-1.55
1863 Conn	8	1	M.	60-60-60	2.50-2.50-2.50	1891 France....	505	(a)	M.	60-77 —	.58-1.23- —
1863 N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00	1892 Russia	692	(a)	(a)	(a)	.35- .43- —
1877 England ..	570	(a)	M.	60-60-60	.23- .69- —	1894 France....	129	(a)	M.	60-60-60	.58-1.16- —
1880 England ..	571	(a)	M.	60-60-60	.45- .83- —	1895 Mass	8	1	M.	60-60-60	4.31-4.31-4.31
1883 Gr't Brit ..	273	(a)	M.	(a)	.41-1.62- —	1896 Conn	8	5	M.	60-60-60	2.00-2.65-2.49
1886 N. J	325	25	M.	72-72-72	1.67-1.67-1.67	1896 Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1887 Germany..	557	(a)	(a)	63-66 —	.54-1.67- —						

DYERS' HELPERS, BUTTONS.

1895 N. J	7	3	M.	59-59-59	2.67-2.67-2.67	....	.....	....	....	...	.....	.....

DYERS' HELPERS, CLOTHING.

1880 Pa	7	2	M.	60-60-60	.75-1.00- .88	1895 Ohio	376	3	M.	60-60-60	.80- .80- .80
1888 N. Y.	331	1	M.	59-59-59	1.83-1.83-1.83	1896 Pa	7	2	M.	60-60-60	.83- .83- .83

DYERS' HELPERS, FEATHERS.

1890 N. Y.	333	3	M.	(a)	1.50-2.33-1.78	1891 N. Y.	333	3	M.	(a)	1.50-2.33-1.83

DYERS' HELPERS, TEXTILES.

1859 Mass	190	4	M.	78-78-78	.65-1.13- .88	1872 Switzerl'd.	611	(a)	M.	72-72-72	.58- .58- .58
1860 Mass	190	3	M.	78-78-78	.69-1.25- .89	1873 Mass	190	2	M.	66-66-66	1.25-1.25-1.25
1860 Germany .	610	(a)	M.	68-68-68	.55- .55- .55	1874 Mass	190	2	M.	66-66-66	1.25-1.25-1.25
1861 Mass	190	4	M.	78-78-78	.65-1.00- .78	1875 Mass	190	1	M.	66-66-66	1.25-1.25-1.25
1862 Mass	190	4	M.	78-78-78	.65-1.00- .78	1876 Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1863 Mass	190	1	M.	78-78-78	.96- .96- .96	1876 Pa	382	39	M.	(a)	.50-1.50-1.06
1864 Mass	190	3	M.	78-78-78	.92- .96- .93	1878 Pa	383	78	M.	c 60-60-60	.50-1.50- .90
1865 Mass	190	12	M.	66-66-66	.96-1.50-1.01	1878 Pa	383	2	F.	60-60-60	.50- .50- .50
1866 Mass	190	16	M.	66-66-66	1.25-1.50-1.27	1883 Ga	7	8	M.	(a)	.50- .60- .55
1867 Mass	190	4	M.	66-66-66	1.25-1.25-1.25	1883 N. J	7	4	M.	60-60-60	.75- .83- .80
1871 England ..	629	(a)	M.	60-60-60	.24-1.22- —	1883 W. Va	7	1	M.	60-60-60	1.00-1.00-1.00
1871 Scotland ..	629	(a)	M.	60-60-60	.26- .75- —	1883 Gr't Brit ..	273	(a)	M.	(a)	1.14-1.30- —
1872 Mass	190	1	M.	66-66-66	1.25-1.25-1.25	1883 Gr't Brit ..	273	(a)	F.	(a)	.45- .57- —

a Not reported.
b Not including hours of 30 persons not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS' HELPERS, TEXTILES—Concluded.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	Gr't Brit	273	(a)	(a)	(a)	0.28-0.37- —
1884	N. J	7	2	M.	60-60-60	2.00-2.00-2.00
1884	Canada	178	(a)	M.	60-60-60	.67-1.33- —
1884	Mexico	178	(a)	(a)	(a)	.50- .75- —
1884	Persia	178	(a)	(a)	(a)	.16- .24- —
1884	Switzerl'd.	178	(a)	M.	65-65-65	.48- .71- —
1885	Ind	1	8	M.	66-66-66	.60- .67- .64
1885	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1885	N. H	1	10	M.	60-60-60	.60- .85- .78
1885	N. J	7	1	M.	(a)	1.33-1.33-1.33
1885	Pa	1	5	M.	60-60-60	.97- .97- .97
1885	Pa	7	1	M.	(a)	1.33-1.33-1.33
1885	Gr't Brit	1	(a)	M.	60-60-60	.33- .33- .33
1886	Iowa	7	4	M.	60-60-60	1.25-1.50-1.38
1886	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1886	N. J	325	1	M.	60-60-60	1.50-1.50-1.50
1886	Pa	7	13	M.	b 60-60-60	.67-1.50-1.28
1886	R. I	7	3	M.	60-60-60	.83-1.25-1.08
1886	Canada	468	(a)	M.	60-60-60	1.00-1.03- —
1886	England	600	(a)	M.	57-57-57	.47- .57- —
1886	Germany	62	(a)	M.	(a)	.48- .48- .48
1886	Gr't Brit	601	(a)	M.	57-57-57	.32- .32- .32
1887	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1887	Wis	409	1	(a)	(a)	1.44-1.44-1.44
1888	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1888	N. J	326	50	M.	c 60-60-60	1.50-2.00-1.66
1888	N. J	326	16	F.	(a)	.75-1.33-1.19
1888	N. Y	331	5	M.	(a)	1.34-2.50-1.57
1888	Brazil	83	(a)	(a)	(a)	1.10-1.10-1.10
1888	Canada	470	(a)	M.	58-59 —	.65-1.04- —
1889	Me	6	5	M.	60-60-60	1.25-2.00-1.70
1889	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1889	N. H	6	2	M.	60-60-60	1.25-1.50-1.38
1889	Canada	471	(a)	M.	59-59-59	1.02-1.05- —
1890	Me	6	1	M.	60-60-60	1.25-1.25-1.25
1890	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1890	N. Y	333	47	M.	(a)	.50-1.50- .99
1891	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1891	N. Y	333	72	M.	(a)	.50-1.50- .98
1891	France	505	(a)	M.	60-60-60	.77- .97- —
1893	Ohio	374	1	M.	60-60-60	.50- .50- .50
1894	Me	260	2	M.	33-60-47	1.10-1.25-1.18
1894	N. Y	8	1	M.	60-60-60	2.88-2.88-2.88
1895	Ga	7	10	M.	66-66-66	.75- .75- .75
1895	La	7	2	M.	60-60-60	.60- .60- .60
1895	N. H	7	3	M.	60-60-60	1.00-1.10-1.07
1895	N. J	7	7	M.	55-60-59	.58-1.67-1.23
1895	N. Y	8	2	M.	60-60-60	1.75-1.75-1.75
1895	Ohio	376	1	M.	60-60-60	1.75-1.75-1.75
1895	Pa	7	1	M.	60-60-60	1.25-1.25-1.25
1895	England	591	(a)	(a)	(a)	.77- .93- —
1896	Ga	7	14	M.	63-63-63	.60- .75- .63
1896	Iowa	7	4	M.	60-60-60	1.25-1.50-1.31
1896	Pa	7	26	M.	60-60-60	.50-1.67-1.13
1896	R. I	7	2	M.	60-60-60	1.00-1.17-1.09
1896	W. Va	7	1	M.	60-60-60	1.04-1.04-1.04
1896	England	592	(a)	(a)	(a)	.77- .93- —
1897	Australia	428	(a)	(a)	(a)	.61-1.22- —
1898	Australia	429	(a)	(a)	(a)	.61-1.22- —

DYERS, HOSIERY AND KNIT GOODS.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1866	England	566	(a)	M.	60-60-60	.73- .73- .73
1880	Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1880	Mass	8	1	F.	57-57-57	.50- .50- .50
1880	N. H	271	2	M.	66-66-66	1.17-1.25-1.21
1880	Ohio	7	4	M.	(a)	1.50-1.50-1.50
1882	Conn	7	5	M.	66-66-66	1.33-1.33-1.33
1882	Ky	7	3	M.	60-60-60	.80-1.10- .97
1883	Mass	273	56	M.	(a)	1.25-3.00-1.41
1883	Mass	273	2	(a)	(a)	.75-1.00- .88
1885	Minn	7	1	M.	60-60-60	2.08-2.08-2.08
1885	N. H	7	7	M.	(a)	1.25-1.50-1.43
1885	N. Y	1	1	F.	66-66-66	.77- .77- .77
1885	N. Y	7	4	M.	55-55-55	1.67-1.67-1.67
1885	Canada	467	(a)	M.	64-64-64	1.33-1.33-1.33
1886	Mich	7	4	M.	(a)	1.25-1.50-1.44
1886	N. J	2	6	M.	60-60-60	.83- .83- .83
1886	Pa	7	9	M.	60-60-60	1.67-1.67-1.67
1888	Cal	194	2	M.	61-61-61	2.00-4.00-3.00
1888	N. Y	331	1	M.	(a)	1.13-1.13-1.13
1890	N. Y	333	15	M.	(a)	1.00-3.50-1.75
1891	N. Y	333	13	M.	(a)	1.00-3.50-1.75
1894	Ind	228	3	(a)	60-60-60	2.00-2.00-2.00
1894	Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1895	Conn	7	6	M.	60-60-60	1.00-1.13-1.02
1895	Mass	8	1	M.	57-57-57	2.50-2.50-2.50
1895	N. H	7	19	M.	60-60-60	1.25-1.40-1.28
1895	N. H	8	4	M.	60-60-60	1.00-1.00-1.00
1895	N. Y	7	10	M.	55-55-55	1.83-1.83-1.83
1895	N. C	8	1	M.	66-66-66	2.00-2.00-2.00
1895	Pa	8	3	M.	60-60-60	2.50-2.50-2.50
1896	Ga	7	8	M.	66-66-66	.80- .90- .85
1896	Ky	7	1	M.	60-60-60	1.00-1.00-1.00
1896	Mich	7	10	M.	60-60-60	1.00-1.50-1.38
1896	Minn	7	1	M.	54-54-54	1.35-1.35-1.35
1896	Ohio	7	6	M.	60-60-60	1.17-1.90-1.44
1896	Pa	7	5	M.	60-60-60	1.67-1.67-1.67
1896	Vt	7	1	M.	64-64-64	1.25-1.25-1.25
1897	N. H	8	4	M.	60-60-60	1.25-1.25-1.25
1897	Pa	395	4	M.	(a)	1.25-1.75-1.38

DYERS, LACE.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	France	505	(a)	M.	66-66-66	.77- .97- —
1892	Russia	692	(a)	(a)	(a)	.27- .45- —

DYERS, PAPER.

Year	Country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Germany	547	(a)	M.	(a)	.60- .99- —
1885	Germany	547	(a)	F.	(a)	.40- .60- —
1890	N. Y	333	4	M.	(a)	1.00-1.25-1.13
1891	N. Y	333	4	M.	(a)	1.00-1.25-1.13

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 48 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, SKINS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 France	507	(a) (a)	b 60-66 —	0.77-2.32- —
1895 France	509	(a) (a)	c 60-60-60	.74- .83- —
1896 France	505	(a) M.	48-66 —	0.40-0.55- —
1896 France	510	(a) F.	60-60-60	.77- .83- —

DYERS, STRAW GOODS.

1888	N. Y	331	6	M.	d 58-58-58	1.50-5.00-2.53	1895	N. Y	7	1 M.	60-60-60	1.25-1.25-1.25
1891	N. Y	333	4	M.	(a)	1.50-5.83-2.63						

DYERS, TEXTILES.

1839	England	562	(a)	M.	60-61 —	.73- .85- —	1861	Italy	610	(a)	F.	(a)	.27- .27- .27
1839	England	563	(a)	M.	65-65-65	.65- .65- .65	1862	Conn	190	1	M.	72-72-72	1.00-1.00-1.00
(e)	Germany	609	(a)	(a)	(a)	.28- .28- .28	1862	Mass	190	22	M.	66-66-66	1.00-1.00-1.00
1841	England	625	(a)	(a)	(a)	.16- .22- —	1862	R. I	190	1	M.	78-78-78	1.25-1.25-1.25
1848	Mass	190	10	M.	75-75-75	1.00-1.00-1.00	1862	Italy	635	(a)	M.	(a)	.25- .25- .25
1849	Mass	190	9	M.	75-75-75	1.00-1.00-1.00	1863	Conn	190	4	M.	72-72-72	.85-1.00- .94
1849	England	562	(a)	M.	60-61 —	.65- .65- .65	1863	Mass	190	12	M.	66-66-66	1.00-1.00-1.00
1849	England	563	(a)	M.	60-60-60	.71- .71- .71	1863	R. I	190	1	M.	78-78-78	1.20-1.20-1.20
(f)	Germany	609	(a)	(a)	(a)	.32- .32- .32	1863	England	565	(a)	(a)	60-60-60	.81- .81- .81
1850	Mass	190	20	M.	75-75-75	1.00-1.00-1.00	1863	Ireland	565	(a)	M.	57-57-57	.53-1.09- —
1850	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1863	Ireland	565	(a)	F.	57-57-57	.26- .41- —
1850	England	8	(a)	M.	72-72-72	.49- .49- .49	1863	Italy	635	(a)	M.	(a)	.25- .25- .25
1851	Mass	190	24	M.	75-75-75	1.00-1.00-1.00	1863	Scotland	565	(a)	(a)	(a)	.65-1.01- —
1851	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1864	Conn	190	5	M.	72-72-72	1.00-1.65-1.19
1852	Mass	190	10	M.	75-75-75	1.00-1.00-1.00	1864	Mass	190	16	M.	66-66-66	1.25-1.25-1.25
1852	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1864	R. I	190	1	M.	78-78-78	1.25-1.25-1.25
1853	Mass	190	21	M.	75-75-75	1.00-1.00-1.00	1864	Germany	185	(a)	M.	(a)	.30- .30- .30
1853	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1864	Germany	610	(a)	M.	(a)	.49- .61- —
1853	France	712	(a)	M.	(a)	.37- .68- —	1864	Italy	635	(a)	M.	(a)	.25- .25- .25
1854	Mass	190	20	M.	66-66-66	1.00-1.00-1.00	1865	Conn	190	4	M.	66-66-66	1.35-1.50-1.39
1854	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1865	Mass	190	24	M.	66-66-66	1.50-1.50-1.50
1855	Mass	190	20	M.	66-66-66	1.00-1.00-1.00	1865	R. I	190	1	M.	78-78-78	1.25-1.25-1.25
1855	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1865	Germany	609	(a)	M.	66-66-66	.47- .55- —
1856	Mass	190	24	M.	66-66-66	1.00-1.00-1.00	1865	Germany	609	(a)	F.	66-66-66	.24- .36- —
1856	R. I	190	1	M.	84-84-84	1.05-1.05-1.05	1865	Italy	635	(a)	M.	(a)	.25- .25- .25
1857	Mass	190	27	M.	66-66-66	1.00-1.00-1.00	1866	Conn	190	3	M.	66-66-66	1.35-1.50-1.40
1857	R. I	190	1	M.	84-84-84	1.08-1.08-1.08	1866	Mass	190	35	M.	66-66-66	1.75-1.75-1.75
(g)	England	561	(a)	M.	60-60-60	.49- .81- —	1866	R. I	190	1	M.	78-78-78	1.25-1.25-1.25
1857	Ireland	561	(a)	(a)	(a)	1.22-1.22-1.22	1866	England	566	(a)	M.	60-60-60	.36-2.43- —
1858	Conn	190	1	M.	72-72-72	1.50-1.50-1.50	1866	Germany	609	(a)	M.	66-66-66	.49- .61- —
1858	Mass	190	30	M.	66-66-66	1.00-1.00-1.00	1866	Germany	609	(a)	F.	i 66-66-66	.28- .36- —
1858	R. I	190	1	M.	84-84-84	1.08-1.08-1.08	1866	Italy	635	(a)	M.	(a)	.25- .25- .25
1858	England	562	(a)	M.	(a)	.65- .73- —	1866	Scotland	566	(a)	M.	60-60-60	2.03-2.03-2.03
1859	Conn	190	1	M.	72-72-72	1.50-1.50-1.50	1867	Conn	190	3	M.	66-66-66	1.50-1.50-1.50
1859	Mass	190	26	M.	66-66-66	1.00-1.00-1.00	1867	Ga	7	12	M.	66-66-66	1.00-1.50-1.24
1859	R. I	190	1	M.	84-84-84	1.08-1.08-1.08	1867	Mass	190	35	M.	66-66-66	1.75-1.75-1.75
1859	England	562	(a)	M.	60-61 —	.65- .65- .65	1867	N. H	7	1	M.	66-66-66	1.33-1.33-1.33
1859	England	563	(a)	M.	60-60-60	.32- .81- —	1867	R. I	190	1	M.	78-78-78	1.35-1.35-1.35
(h)	Germany	609	(a)	(a)	(a)	.37- .37- .37	1867	Germany	177	(a)	M.	66-72 —	.52- .60- —
1860	Mass	190	24	M.	66-66-66	1.00-1.00-1.00	1867	Germany	177	(a)	F.	66-66-66	.30- .30- .30
1860	Pa	8	2	M.	60-60-60	.75- .75- .75	1867	Germany	185	(a)	M.	j 66-66-66	.48- .54- —
1860	R. I	190	1	M.	78-78-78	1.10-1.10-1.10	1867	Germany	185	(a)	F.	66-66-66	.30- .36- —
1860	England	563	(a)	M.	i 60-60-60	.65- .81- —	1867	Italy	635	(a)	M.	(a)	.23- .25- —
1860	Germany	185	(a)	M.	(a)	.24- .24- .24	1868	Conn	190	4	M.	66-66-66	1.35-1.35-1.35
1861	Mass	190	24	M.	66-66-66	1.00-1.00-1.00	1868	Mass	190	41	M.	66-66-66	1.75-1.75-1.75
1861	R. I	190	1	M.	78-78-78	1.20-1.20-1.20	1868	R. I	190	1	M.	72-72-72	1.45-1.45-1.45
1861	England	564	(a)	M.	56-56-56	1.38-1.38-1.38	(k)	England	567	(a)	M.	60-60-60	.32- .89- —
1861	England	564	(a)	(a)	60-60-60	.81- .81- .81	1868	Germany	177	(a)	M.	66-72 —	.54- .60- —
1861	Italy	610	(a)	M.	(a)	.28- .28- .28	1868	Germany	177	(a)	F.	66-66-66	.30- .30- .30

a Not reported.
b Applies to but 5 of the 7 wage quotations.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 1 person not reported.
e Average for 1830–39.
f Average for 1840–49.
g Average for 1855–57.
h Average for 1850–59.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 2 of the 3 wage quotations.
k Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 Germany	610	(a) M.	72-78 —	0.30-0.61- —
(b) Ireland	567	(a) M.	63-63-63	.57- .57- .57
1868 Italy	185	(a) M.	(a)	.20- .50- —
1868 Italy	635	(a) M.	(a)	.27- .28- —
1869 Conn	190	5 M.	66-66-66	1.25-1.50-1.36
1869 Mass	190	30 M.	66-66-66	1.63-1.63-1.63
1869 R. I	190	1 M.	72-72-72	1.45-1.45-1.45
1869 Germany	177	(a) M.	66-72 —	.54- .60- —
1869 Germany	177	(a) F.	66-66-66	.30- .30- .30
1869 Germany	609	(a) M.	(a)	.24- .73- —
1869 Germany	609	(a) F.	(a)	.12- .24- —
1869 Italy	635	(a) M.	(a)	.27- .28- —
1869 Turk. in A.	609	(a) (a)	(a)	.32- .41- —
1870 Conn	190	3 M.	66-66-66	1.35-1.50-1.40
1870 Mass	7	4 M.	66-66-66	1.50-1.50-1.50
1870 Mass	190	28 M.	66-66-66	1.70-1.70-1.70
1870 R. I	190	2 M.	72-72-72	1.33-1.33-1.33
1870 Aust-Hun	33	(a) (a)	(a)	.33- .33- .33
1870 Belgium	33	(a) (a)	(a)	.48- .48- .48
1870 England	33	(a) (a)	(a)	.56- .56- .56
1870 France	33	(a) (a)	(a)	.53- .53- .53
1870 Germany	33	(a) (a)	(a)	.29- .31- —
1870 Germany	177	(a) M.	66-72 —	.60- .65- —
1870 Germany	177	(a) F.	66-66-66	.32- .36- —
1870 Germany	610	(a) M.	72-72-72	.24- .73- —
1870 Germany	610	(a) M.	60-60-60	c .35- .35- .35
1870 Germany	610	(a) F.	72-72-72	.12- .24- —
1870 Italy	177	(a) M.	(a)	.60- .64- —
1870 Italy	610	(a) M.	(a)	.42- .42- .42
1870 Italy	635	(a) M.	(a)	.27- .28- —
1870 Persia	610	(a) M.	(a)	.24- .24- .24
1870 Turk. in A.	610	(a) M.	(a)	.09- .34- —
1871 Conn	190	3 M.	66-66-66	1.35-1.50-1.40
1871 Me	7	3 M.	66-66-66	1.25-1.25-1.25
1871 Mass	190	30 M.	66-66-66	1.70-1.70-1.70
1871 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1871 England	568	(a) M.	59-59-59	.85- .85- .85
1871 England	629	(a) M.	d60-60-60	.65-1.62- —
1871 England	629	(a) F.	(a)	.16- .61- —
1871 France	712	(a) M.	(a)	.51- .97- —
1871 Germany	177	(a) M.	66-72 —	.65- .71- —
1871 Germany	177	(a) F.	66-66-66	.36- .40- —
1871 Germany	185	(a) M.	(a)	.26- .84- —
1871 Italy	610	(a) (a)	(a)	.17- .48- —
1871 Italy	635	(a) M.	(a)	.27- .34- —
1871 Scotland	185	(a) M.	60-60-60	.26- .75- —
1871 Scotland	629	(a) M.	60-60-60	.69- .69- .69
1872 Conn	190	3 M.	66-66-66	1.35-1.50-1.40
1872 Mass	190	29 M.	66-66-66	1.70-1.70-1.70
1872 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1872 Aust-Hun	185	(a) (a)	(a)	.29- .36- —
1872 Belgium	185	(a) (a)	(a)	.47- .47- .47
1872 England	185	(a) M.	e59-59-59	.73-1.05- —
1872 England	185	(a) (a)	54-59 —	.56- .85- —
1872 Germany	177	(a) M.	60-66 —	.71- .83- —
1872 Germany	177	(a) F.	66-66-66	.36- .48- —
1872 Germany	185	(a) M.	f60-78 —	.30- .72- —
1872 Italy	635	(a) M.	(a)	.29- .34- —
1872 Russia	621	(a) M.	69-69-69	.30- .30- .30
1872 Switzerl'd.	611	(a) M.	72-72-72	.81- .81- .81
1873 Conn	190	3 M.	66-66-66	1.50-1.50-1.50
1873 Mass	190	30 M.	66-66-66	1.70-1.70-1.70
1873 Pa	379	5 M.	(a)	2.00-2.00-2.00
1873 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1873 Tenn	7	1 M.	57-57-57	1.00-1.00-1.00
1873 England	185	(a) (a)	(a)	.81- .81- .81
1873 Germany	177	(a) M.	g60-66 —	.59- .89- —
1873 Germany	177	(a) F.	66-66-66	0.36-0.48- —
1873 Italy	635	(a) M.	(a)	.29- .36- —
1873 Persia	184	(a) (a)	(a)	.20- .20- .20
1873 Sweden	167	(a) M.	66-66-66	.67- .67- .67
1874 Conn	190	4 M.	66-66-66	1.50-1.75-1.56
1874 Mass	190	30 M.	66-66-66	1.70-1.70-1.70
1874 Pa	7	1 M.	62-62-62	1.20-1.20-1.20
1874 Pa	380	20 M.	(a)	.68-2.28-1.45
1874 R. I	190	1 M.	72-72-72	1.27-1.27-1.27
1874 England	569	(a) M.	56-60 —	.57-1.22- —
1874 Germany	177	(a) M.	g60-66 —	.59- .95- —
1874 Germany	177	(a) F.	66-66-66	.36- .54- —
1874 Italy	635	(a) M.	(a)	.30- .40- —
1874 Scotland	177	(a) M.	56-56-56	.79- .96- —
1875 Conn	190	4 M.	66-66-66	1.35-1.50-1.39
1875 Mass	190	32 M.	60-60-60	1.70-1.70-1.70
1875 Mass	270	18 M.	(a)	1.60-3.50-2.11
1875 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1875 France	177	(a) (a)	(a)	.70-1.40- —
1875 Germany	177	(a) M.	g60-66 —	.59-1.07- —
1875 Germany	177	(a) F.	66-66-66	.36- .65- —
1875 Italy	635	(a) M.	(a)	.30- .42- —
1875 Norway	686	(a) M.	(a)	.54- .91- —
1875 Scotland	177	(a) M.	56-56-56	.79- .96- —
1876 Conn	190	6 M.	66-66-66	1.25-1.38-1.31
1876 Mass	190	27 M.	60-60-60	1.70-1.70-1.70
1876 N. H	7	4 M.	66-66-66	1.00-1.50-1.25
1876 Pa	381	35 M.	(a)	1.13-3.00-1.61
1876 Pa	382	9 M.	(a)	1.53-3.66-1.82
1876 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1876 Germany	177	(a) M.	(a)	.59- .59- .59
1876 Italy	635	(a) M.	(a)	.32- .42- —
1876 Scotland	177	(a) M.	56-56-56	.79- .96- —
1877 Conn	190	8 M.	66-66-66	1.25-1.38-1.27
1877 Mass	190	34 M.	60-60-60	1.50-1.50-1.50
1877 R. I	190	1 M.	72-72-72	1.12-1.12-1.12
1877 England	570	(a) M.	40-57 —	.35-1.05- —
1877 Germany	177	(a) M.	(a)	.59- .59- .59
1877 Italy	635	(a) M.	(a)	.32- .42- —
1877 Scotland	177	(a) M.	56-56-56	.79- .96- —
1877 Scotland	570	(a) M.	(a)	.61- .61- .61
1878 Conn	190	7 M.	66-66-66	1.25-2.00-1.38
1878 Ga	7	4 M.	66-66-66	.75- .75- .75
1878 Mass	190	34 M.	60-60-60	1.40-1.40-1.40
1878 Pa	383	22 M.	h60-60-60	1.00-3.33-1.57
1878 R. I	190	1 M.	72-72-72	1.33-1.33-1.33
1878 Denmark	177	(a) M.	(a)	.58- .58- .58
1878 Denmark	177	(a) F.	(a)	.23- .23- .23
1878 England	177	(a) M.	54-54-54	.88- .96- —
1878 France	177	(a) M.	(a)	.56-1.00- —
1878 Germany	177	(a) M.	(a)	.58- .71- —
1878 Italy	33	(a) (a)	(a)	.39- .39- .39
1878 Italy	177	(a) M.	(a)	.30- .60- —
1878 Italy	635	(a) M.	(a)	.32- .42- —
1878 Scotland	177	(a) M.	54-56 —	.79-1.22- —
1879 Conn	190	6 M.	66-66-66	1.13-1.38-1.25
1879 Mass	190	38 M.	60-60-60	1.40-1.40-1.40
1879 N. J	318	2 (a)	60-60-60	1.40-1.60-1.50
1879 Pa	384	81 M.	i60-72-61	1.00-2.50-1.60
1879 R. I	190	1 M.	72-72-72	1.33-1.33-1.33
1879 Italy	635	(a) M.	(a)	.32- .42- —
1880 Conn	190	15 M.	66-66-66	1.25-1.28-1.27
1880 Conn	202	114 M.	(a)	1.81-1.81-1.81
1880 Mass	190	44 M.	60-60-60	1.35-1.35-1.35
1880 N. H	7	1 M.	69-69-69	1.50-1.50-1.50
1880 N. H	271	6 (a)	66-66-66	1.33-1.67-1.42
1880 N. Y	271	1 M.	66-66-66	1.13-1.13-1.13

a Not reported.
b Average for 1867–68.
c And board and lodging.
d Applies to but 4 of the 11 wage quotations.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 11 of the 22 wage quotations.
g Applies to but 4 of the 5 wage quotations.
h Not including hours of 5 persons not reported.
i Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, TEXTILES—Continued.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1880 R. I	190	1 M.	72-72-72	1.28-1.28-1.28
1880 England	571	(a) M.	b 50-60 —	.32-2.03- —
1880 Italy	635	(a) M.	(a)	.32- .42- —
1880 Norway	685	(a) M.	(a)	.54- .72- —
1880 Norway	686	(a) M.	(a)	.47- .60- —
1880 Scotland	571	(a) M.	54-56 —	.65-1.05- —
1880 Switzerl'd.	21	(a) (a)	66-66-66	.76- .95- —
1881 Conn	190	8 M.	66-66-66	1.25-1.35-1.26
1881 Mass	190	44 M.	60-60-60	1.45-1.45-1.45
1881 Mass	272	4 M.	(a)	1.25-1.25-1.25
1881 N. H	7	303 M.	65-65-65	.58-2.50-1.30
1881 N. J	320	50 M.	(a)	1.33-1.33-1.33
1881 N. C	7	11 M.	(a)	.60- .75- .65
1881 Ohio	363	18 M.	60-66-62	1.00-2.25-1.44
1881 R. I	190	1 M.	72-72-72	1.28-1.28-1.28
1881 Tenn	7	1 M.	66-66-66	.80- .80- .80
1881 Australia	34	(a) (a)	60-60-60	.41- .41- .41
1881 Germany	514	(a) (a)	(a)	.56- .65- —
1881 Italy	635	(a) M.	(a)	.36- .42- —
1882 Conn	190	11 M.	66-66-66	1.28-1.50-1.33
1882 Ky	7	2 M.	66-66-66	.90-1.50-1.20
1882 Me	7	1 M.	66-66-66	1.25-1.25-1.25
1882 Mass	190	60 M.	60-60-60	1.45-1.45-1.45
1882 N. J	321	342 M.	c 60-66-60	1.00-2.50-1.35
1882 Ohio	354	19 (a)	60-66-62	1.50-3.50-2.10
1882 Belgium	40	(a) M.	72-72-72	.50- .50- .50
1882 Germany	33	(a) M.	66-76 —	.58-1.33- —
1882 Germany	33	(a) (a)	66-78 —	.40- .60- —
1882 Italy	33	(a) (a)	d 66-66-66	.39- .50- —
1882 Italy	635	(a) M.	(a)	.41- .42- —
1883 Conn	190	14 M.	66-66-66	1.28-2.50-1.40
1883 Ga	7	30 M.	e 69-69-69	.67-1.75-1.03
1883 Mass	190	68 M.	60-60-60	1.48-1.48-1.48
1883 Mass	273	626 M.	(a)	1.05-3.00-1.22
1883 Mass	273	2 F.	(a)	1.00-1.00-1.00
1883 N. J	7	17 M.	f 60-60-60	1.27-1.50-1.45
1883 N. J	322	557 M.	g 60-60-60	.83-3.00-1.53
1883 Ohio	7	6 M.	60-60-60	.98-1.20-1.10
1883 R. I	190	1 M.	72-72-72	1.28-1.28-1.28
1883 Tenn	7	3 M.	65-65-65	.75-1.00- .83
1883 W. Va	7	1 M.	60-60-60	1.50-1.50-1.50
1883 England	43	(a) (a)	(a)	.65- .89- —
1883 England	572	(a) M.	h 50-60 —	.20-2.03- —
1883 Germany	47	(a) M.	66-78 —	.63- .95- —
1883 Gr't Brit	273	(a) M.	(a)	.33-3.24- —
1883 Gr't Brit	273	(a) (a)	(a)	.28- .97- —
1883 Ireland	43	(a) (a)	(a)	2.03-2.03-2.03
1883 Italy	635	(a) M.	(a)	.41- .42- —
1883 Scotland	572	(a) M.	56-57 —	.71- .95- —
1884 Conn	190	22 M.	66-66-66	1.25-1.28-1.26
1884 Ga	7	5 M.	66-66-66	1.00-1.17-1.03
1884 Ky	7	14 M.	66-66-66	1.08-2.00-1.39
1884 Mass	2	200 M.	40-40-40	1.35-1.35-1.35
1884 Mass	190	46 M.	60-60-60	1.40-1.40-1.40
1884 N. J	7	2 M.	60-60-60	2.67-2.67-2.67
1884 N. J	323	165 M.	60-60-60	.33-2.00-1.52
1884 Ohio	7	2 M.	60-60-60	1.33-1.33-1.33
1884 R. I	190	1 M.	72-72-72	1.28-1.28-1.28
1884 Aust-Hun	178	(a) M.	60-72 —	.33-1.20- —
1884 Aust-Hun	178	(a) (a)	66-66-66	.24- .53- —
1884 Belgium	178	(a) M.	i 60-72 —	.48-1.45- —
1884 Brazil	178	(a) (a)	60-60-60	.43-2.56- —
1884 Canada	178	(a) M.	60-60-60	0.50-2.50- —
1884 Canada	178	(a) F.	60-60-60	.58- .83- —
1884 Canada	178	(a) (a)	j 60-60-60	.75-3.50- —
1884 Canada	466	(a) M.	60-62 —	1.23-1.40- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	.83-1.33- —
1884 China	134	(a) (a)	(a)	.33- .33- .33
1884 China	178	(a) M.	60-60-60	k .61- .77- —
1884 Denmark	178	(a) M.	60-60-60	.67- .80- —
1884 England	178	(a) M.	l 53-57 —	.24-3.11- —
1884 France	178	(a) M.	n 60-66 —	.58-1.16- —
1884 France	178	(a) F.	(a)	.39- .48- —
1884 France	178	(a) (a)	(a)	.19- .19- .19
1884 Germany	178	(a) M.	o 60-72 —	.24-1.00- —
1884 Germany	178	(a) F.	(a)	.36- .48- —
1884 Ireland	178	(a) M.	p 56-56-56	61-1.01- —
1884 Italy	178	(a) M.	q 60-72 —	.29-1.10- —
1884 Italy	635	(a) M.	(a)	.41- .42- —
1884 Japan	184	(a) (a)	(a)	.16- .16- .16
1884 Mexico	178	(a) (a)	r 60-60-60	.20-2.00- —
1884 Morocco	178	(a) (a)	60-72 —	.30-1.00- —
1884 Netherl'ds	178	(a) M.	60-60-60	.53- .93- —
1884 Netherl'ds	178	(a) (a)	64-64-64	.48- .60- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.70-2.19- —
1884 Persia	178	(a) (a)	(a)	.40- .40- .40
1884 Philip. Is.	178	(a) M.	(a)	.75-1.00- —
1884 Russia	178	(a) M.	60-84 —	.13-1.69- —
1884 Russia	178	(a) M.	72-72-72	s .22- .46- —
1884 Scotland	178	(a) M.	n 51-60 —	.73-1.62- —
1884 Spain	178	(a) M.	60-63 —	.39-1.00- —
1884 Switzerl'd.	178	(a) M.	65-65-65	.61-1.57- —
1884 Switzerl'd.	178	(a) (a)	(a)	.77- .87- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.24-1.92- —
1884 Venezuela	178	(a) (a)	(a)	1.33-2.00- —
1885 Ala	7	3 M.	(a)	1.00-1.33-1.11
1885 Cal	1	4 M.	60-60-60	1.87-1.87-1.87
1885 Conn	1	25 M.	60-69-63	1.00-3.00-1.66
1885 Conn	190	11 M.	66-66-66	1.25-1.25-1.25
1885 Del	1	7 M.	60-60-60	1.50-3.00-1.71
1885 Ill	1	4 M.	63-63-63	1.35-1.35-1.35
1885 Ind	1	34 M.	60-66-66	1.00-2.50-1.38
1885 Iowa	1	1 M.	60-60-60	1.50-1.50-1.50
1885 Ky	1	15 M.	66-66-66	1.10-1.54-1.39
1885 Me	1	41 M.	66-66-66	.90-2.00-1.52
1885 Me	7	70 M.	60-66-63	.60-2.00-1.25
1885 Me	7	1 F.	64-64-64	1.00-1.00-1.00
1885 Md	1	18 M.	66-66-66	1.25-1.25-1.25
1885 Mass	1	327 M.	60-60-60	.52-2.50-1.05
1885 Mass	7	8 M.	60-60-60	1.08-1.35-1.25
1885 Mass	190	47 M.	60-60-60	1.33-1.33-1.33
1885 Minn	7	4 M.	(a)	1.35-1.50-1.40
1885 Mo	1	11 M.	60-60-60	1.25-1.25-1.25
1885 N. H	1	35 M.	60-60-60	1.25-1.50-1.30
1885 N. H	7	7 M.	60-66-64	1.00-1.75-1.25
1885 N. J	1	38 M.	60-60-60	1.00-2.00-1.79
1885 N. J	7	1 M.	(a)	2.67-2.67-2.67
1885 N. J	324	52 M.	60-63-60	1.17-2.67-1.48
1885 N. Y	1	103 M.	60-66-63	1.12-1.75-1.42
1885 N. Y	7	17 M.	60-60-60	1.17-2.00-1.70
1885 N. C	1	21 M.	69-69-69	.75- .75- .75
1885 N. C	7	2 M.	66-66-66	.75- .75- .75
1885 Pa	1	77 M.	60-60-60	1.25-1.67-1.38
1885 Pa	7	20 M.	t 60-60-60	1.33-2.33-1.42

a Not reported.
b Applies to but 10 of the 11 wage quotations.
c Not including hours of 35 persons not reported.
d Applies to but 6 of the 7 wage quotations.
e Not including hours of 23 persons not reported.
f Not including hours of 5 persons not reported.
g Not including hours of 153 persons not reported.
h Applies to but 15 of the 18 wage quotations.
i Applies to but 6 of the 8 wage quotations.
j Applies to but 12 of the 16 wage quotations.
k And provisions.
l Applies to but 22 of the 45 wage quotations.
n Applies to but 8 of the 10 wage quotations.
o Applies to but 68 of the 78 wage quotations.
p Applies to but 2 of the 3 wage quotations.
q Applies to but 18 of the 22 wage quotations.
r Applies to but 2 of the 4 wage quotations.
s And board and lodging.
t Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, TEXTILES—Continued.

Year and State or country	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885 R. I	190	1 M.	72-72-72	1.50-1.50-1.50
1885 Tenn	7	8 M.	66-67-67	.80-1.75-1.03
1885 Vt	1	29 M.	66-66-66	.53-1.02- .94
1885 Vt	7	12 M.	60-60-60	.90-1.25- .95
1885 Va	1	7 M.	66-66-66	1.00-1.00-1.00
1885 Br. India	459	(a) (a)	(a)	.07- .07- .07
1885 Canada	467	(a) M.	59-64 —	1.16-1.23- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 France	494	(a) M.	(a)	.62- .87- —
1885 Germany	1	(a) M.	72-72-72	.44- .54- —
1885 Gr't Brit	1	(a) M.	60-60-60	.87- .92- —
1885 Italy	635	(a) M.	(a)	.41- .42- —
1885 Japan	643	(a) M.	(a)	b .16- .39- —
1885 Norway	686	(a) M.	(a)	.48- .61- —
1886 Conn	2	200 M.	60-60-60	1.20-1.30-1.25
1886 Conn	190	26 M.	60-66-63	1.25-1.28-1.27
1886 Ind	7	9 M.	60-60-60	1.00-1.67-1.25
1886 Iowa	7	2 M.	60-60-60	2.25-3.00-2.63
1886 Mass	2	300 M.	40-40-40	1.50-1.60-1.55
1886 Mass	2	75 (a)	60-60-60	1.40-1.40-1.40
1886 Mass	190	42 M.	60-60-60	1.33-1.33-1.33
1886 N. J	325	96 M.	60-60-60	.83-3.00-1.84
1886 Pa	2	54 M.	60-60-60	1.50-1.67 1.59
1886 Pa	7	96 M.	c 60-60-60	1.00-4.33-1.53
1886 R. I	7	8 M.	60-60-60	1.50-1.67-1.52
1886 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1886 Argentina	57	(a) (a)	d 60-60-60	.80-3.33- —
1886 Aust-Hun	60	(a) (a)	(a)	.37- .49- —
1886 Br. India	459	(a) (a)	(a)	.07- .07- .07
1886 Canada	468	(a) M.	59-60 —	1.11-1.77- —
1886 England	600	(a) M.	57-57-57	.59- .97- —
1886 England	601	(a) M.	57-57-57	.78- .80- —
1886 France	495	(a) M.	(a)	.62- .87- —
1886 Germany	62	(a) M.	(a)	.71- .71- .71
1886 Gr't Brit	601	(a) M.	57-57-57	.88- .88- .88
1886 Ireland	600	(a) M.	57-57-57	.45- .45- .45
1886 Ireland	601	(a) M.	57-57-57	.52- .52- .52
1886 Italy	635	(a) M.	(a)	.41- .42- —
1886 Japan	644	(a) M.	(a)	b .15- .32- —
1886 Scotland	67	(a) (a)	57-57-57	.73- .73- .73
1886 Scotland	600	(a) M.	57-57-57	.64- .90- —
1886 Scotland	601	(a) M.	56-56-56	.89- .89- .89
1887 Conn	190	23 M.	60-60-60	1.00-1.40-1.23
1887 Conn	202	251 M.	(a)	.75-1.65-1.44
1887 Mass	190	37 M.	60-60-60	1.50-1.50-1.50
1887 Ohio	369	22 M.	60-60-60	1.35-3.00-1.62
1887 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1887 Wis	409	12 (a)	(a)	1.52-2.88-1.97
1887 Br. India	459	(a) (a)	(a)	.06½-.06½-.06¼
1887 Canada	469	(a) M.	59-59-59	1.36-1.37- —
1887 Germany	75	(a) M.	66-66-66	2.40-3.60- —
1887 Germany	557	(a) (a)	48-66 —	.54-1.59- —
1887 Italy	636	(a) M.	(a)	.41- .42- —
1887 Japan	645	(a) M.	(a)	b .14- .31- —
1888 Conn	190	15 M.	60-60-60	1.10-1.40-1.26
1888 Mass	190	40 M.	60-60-60	1.50-1.50-1.50
1888 N. H	6	1 M.	(a)	1.72-1.72-1.72
1888 N. J	6	3 M.	(a)	1.34-1.34-1.34
1888 N. J	326	16 M.	e 60-63-62	1.25-2.33-2.36
1888 N. Y	331	109 M.	f 55-60-57	.50-6.00-1.61
1888 N. C	6	1 M.	(a)	3.33-3.33-3.33
1888 R. I	6	21 M.	g 60-60-60	1.00-1.10-1.07
1888 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1888 R. I	397	8 (a)	(a)	1.16-4.00-2.22
1888 Va	6	21 M.	(a)	.50-1.20-1.01
1888 Brazil	83	(a) M.	(a)	4.79-4.79-4.79
1888 Br. India	459	(a) (a)	(a)	0.06½-.06½-.06½
1888 Canada	80	(a) (a)	(a)	1.00-1.25- —
1888 Canada	470	(a) M.	59-60 —	2.00-2.67- —
1888 Germany	558	(a) (a)	60-66 —	.54-1.03- —
1888 Italy	634	(a) M.	(a)	.42- .43- —
1889 Cal	6	8 M.	(a)	1.35-2.00-1.55
1889 Conn	6	11 M.	(a)	1.25-1.25-1.25
1889 Conn	190	14 M.	60-60-60	1.13-1.40-1.24
1889 Me	6	11 M.	60-60-60	1.25-2.06-1.42
1889 Mass	6	1 M.	60-60-60	3.00-3.00-3.00
1889 Mass	190	47 M.	60-60-60	1.50-1.50-1.50
1889 Mo	6	1 M.	(a)	1.25-1.25-1.25
1889 N. H	6	3 M.	60-60-60	1.25-1.73-1.49
1889 N. Y	6	52 M.	h 60-60-60	1.00-1.50-1.15
1889 Pa	6	36 M.	(a)	1.17-2.75-1.47
1889 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Aust-Hun	179	(a) M.	63-63-63	.30- .63- —
1889 Aust-Hun	179	(a) F.	63-63-63	.28- .42- —
1889 Br. India	459	(a) (a)	(a)	.06½-.06½-.06¼
1889 Canada	471	(a) M.	60-60-60	1.99-3.13- —
1889 China	88	(a) (a)	(a)	.31- .31- .31
1889 England	179	(a) (a)	56-56-56	.61-1.62- —
1889 Germany	178	(a) M.	66-66-66	.83- .83- .83
1889 Italy	95	(a) M.	60-60-60	.50- .50- .50
1889 Italy	634	(a) M.	(a)	.42- .43- —
1889 Portugal	691	(a) (a)	(a)	.09½-1.30- —
1890 Conn	190	18 M.	60-60-60	.90-1.50-1.25
1890 Me	6	2 M.	i 60-60-60	1.25-2.00-1.63
1890 Mass	6	6 M.	(a)	1.20-1.20-1.20
1890 Mass	190	48 M.	60-60-60	1.50-1.50-1.50
1890 Mo	6	5 M.	(a)	1.40-1.40-1.40
1890 N. H	6	7 M.	60-60-60	1.25-1.25-1.25
1890 N. J	6	5 M.	60-60-60	1.00-1.00-1.00
1890 N. Y	6	6 M.	j 60-60-60	1.25-1.25-1.25
1890 N. Y	333	291 M.	(a)	.60-7.00-1.59
1890 N. C	6	6 M.	(a)	.75-1.25- .83
1890 N. C	345	1 M.	72-72-72	1.25-1.25-1.25
1890 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Australia	423	(a) M.	50-50-50	1.42-1.82- —
1890 Aust-Hun	632	(a) M.	(a)	.29- .42- —
1890 Br. India	459	(a) (a)	(a)	.08½-.08½-.08½
1890 England	632	(a) M.	(a)	.90- .90- .90
1890 Germany	94	(a) (a)	(a)	.40- .60- —
1890 Italy	634	(a) M.	(a)	.41- .43- —
1890 Netherl'ds	666	(a) M.	(a)	.44-1.01- —
1890 Norway	686	(a) M.	(a)	.51- .68- —
1890 Portugal	691	(a) (a)	(a)	.17- .97- —
1891 Conn	190	21 M.	60-60-60	1.13-1.50-1.28
1891 Me	257	4 M.	60-60-60	1.25-1.33-1.27
1891 Mass	190	47 M.	60-60-60	1.50-1.50-1.50
1891 N. J	6	7 M.	60-60-60	1.25-1.25-1.25
1891 N. Y	6	9 M.	60-60-60	1.13-1.13-1.13
1891 N. Y	333	323 M.	(a)	.60-7.00-1.54
1891 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1891 Australia	134	(a) M.	(a)	2.00-2.00-2.00
1891 Aust-Hun	134	(a) (a)	(a)	.35- .35- .35
1891 Belgium	457	(a) M.	66-66-66	.29- .54- —
1891 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1891 China	105	(a) (a)	(a)	.27- .27- .27
1891 England	578	(a) M.	60-60-60	.81- .85- —
1891 France	505	(a) M.	48-66 —	.72-1.74- —
1891 France	505	(a) F.	k 60-60-60	.29- .68- —
1891 France	522	(a) M.	(a)	.62- .62- .62
1891 Italy	634	(a) M.	(a)	.35- .43- —
1891 Italy	638	(a) M.	(a)	.14- .97- —
(l) Switzerl'd	595	(a) M.	(a)	.58- .58- .58

a Not reported.
b And board.
c Not including hours of 5 persons not reported.
d Applies to but 2 of the 4 wage quotations.
e Not including hours of 7 persons not reported.
f Not including hours of 87 persons not reported.
g Not including hours of 14 persons not reported.
h Not including hours of 16 persons not reported.
i Not including hours of 1 person not reported.
j Not including hours of 4 persons not reported.
k Applies to but 1 of the 2 wage quotations.
l Average for 1888–91.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Conn	190	18 M.	60-60-60	1.25-2.00-1.31
1892 Ind	227	11 M.	48-66-59	1.25-1.84-1.52
1892 Me	258	46 M.	60-60-60	1.35-1.83-1.40
1892 Mass	20	50 M.	60-60-60	1.50-1.50-1.50
1892 R. I	190	7 M.	60-60-60	1.25-1.50-1.29
1892 Australia	424	(a) M.	(a)	.61-2.23- —
1892 Br. India	459	(a) (a)	(a)	.07- .07- .07
1892 Denmark	595	(a) M.	(a)	.72- .72- .72
1892 Denmark	595	(a) F.	(a)	.41- .41- .41
1892 England	578	(a) M.	60-60-60	.81- .89- —
1892 France	505	(a) M.	48-75 —	.19-1.54- —
1892 France	505	(a) F.	60-75 —	.19- .43- —
1892 Italy	112	(a) M.	66-66-66	.50- .75- —
1892 Italy	640	(a) M.	(a)	.41- .43- —
1892 Japan	132	(a) (a)	(a)	.03½-.42- —
1892 Japan	646	(a) (a)	(a)	.16- .35- —
1892 Russia	692	(a) (a)	(a)	.10-1.21- —
1892 Spain	134	(a) (a)	(a)	.55- .55- .55
1893 Md	10	1 M.	60-60-60	1.42-1.42-1.42
1893 Mass	20	50 M.	58-58-58	1.45-1.45-1.45
1893 Ohio	374	14 M.	b 60-60-60	1.10-2.50-1.35
1893 Ohio	374	1 F.	60-60-60	.75- .75- .75
1893 Br. India	459	(a) (a)	(a)	.05½-.05¼-.05½
1893 England	578	(a) M.	54-54-54	.74- .74- .74
1893 France	507	(a) M.	66-66-66	.85-1.27- —
1893 France	507	(a) F.	66-66-66	.64- .85- —
1893 France	507	(a) (a)	66-72 —	.29-1.16- —
1893 Italy	639	(a) M.	c 66-66-66	.58- .58- .58
1893 Italy	640	(a) M.	(a)	.41- .43- —
1894 Ind	228	4 M.	60-60-60	1.80-2.16-2.07
1894 Me	260	1 M.	48-48-48	1.44-1.44-1.44
1894 Mass	20	41 M.	58-58-58	1.26-1.26-1.26
1894 N. Y	8	7 M.	60-66-61	1.35-6.39-2.41
1894 Ohio	375	33 M.	60-66-60	.66-2.50-1.38
1894 Ohio	375	7 F.	60-60-60	.75- .75- .75
1894 R. I	401	77 (a)	(a)	.92-4.50-1.67
1894 S. C	8	5 M.	66-66-66	.50-1.00- .90
1894 Australia	425	(a) (a)	(a)	1.01-2.43- —
1894 Aust-Hun	434	(a) M.	60-60-60	.61- .95- —
1894 Br. India	459	(a) (a)	(a)	.05- .05- .05
1894 England	590	(a) M.	(a)	.32-1.01- —
1894 England	590	(a) (a)	(a)	.81- .91- —
1894 France	129	(a) M.	60-60-60	.69-1.23- —
1894 France	129	(a) F.	60-60-60	.29- .57- —
1894 France	508	(a) M.	60-60-60	.77- .97- —
1894 Italy	640	(a) M.	(a)	.41- .43- —
1894 Japan	647	(a) (a)	(a)	.12- .26- —
1894 Netherl'ds	662	(a) M.	(a)	d .02½-.09- —
1894 Spain	133	(a) (a)	(a)	.47- .67- —
1895 Ala	7	6 M.	60-60-60	1.00-1.50-1.19
1895 Ga	7	21 M.	66-66-66	.83-1.75-1.04
1895 Ky	7	2 M.	60-60-60	1.00-1.00-1.00
1895 La	7	1 M.	60-60-60	1.50-1.50-1.50
1895 Me	7	66 M.	60-60-60	.70-2.50-1.19
1895 Mass	7	34 M.	58-60-60	1.25-1.42-1.27
1895 Mass	8	3 M.	60-60-60	2.00-2.50-2.33
1895 Mass	20	40 M.	58-58-58	1.26-1.26-1.26
1895 N. H	7	335 M.	60-60-60	.70-2.00-1.20
1895 N. J	7	30 M.	55-60-56	1.26-2.70-1.57
1895 N. Y	7	33 M.	60-60-60	1.17-1.96-1.70
1895 N. Y	8	3 M.	60-60-60	1.25-3.00-1.96
1895 N. C	7	14 M.	70-72-72	.75- .90- .85
1895 N. C	8	14 M.	66-72-69	.75- .80- .78
1895 Ohio	376	20 M.	b 60-60-60	.75-2.50-1.60
1895 Pa	7	1 M.	60-60-60	2.21-2.21-2.21
1895 Pa	8	4 M.	60-60-60	1.33-1.67-1.54
1895 Tenn	7	24 M.	60-67-66	.50-1.75- .93
1895 Vt	7	17 M.	60-60-60	.90-1.20- .93
1895 Australia	426	(a) (a)	(a)	1.01-2.43- —
1895 Br. India	459	(a) (a)	(a)	.04½-.04½-.04¼
1895 Canada	187	(a) (a)	60-60-60	1.17-1.50- —
1895 England	591	(a) (a)	(a)	.77- .93- —
1895 France	509	(a) F.	66-66-66	.43- .48- —
1895 France	509	(a) (a)	66-72 —	.48- .58- —
1895 France	513	(a) M.	60-60-60	1.33-1.33-1.33
1895 Italy	640	(a) M.	(a)	.41- .43- —
1895 Japan	132	(a) (a)	60-60-60	.24- .24- .24
1895 Spain	133	(a) M.	(a)	.45- .60- —
1896 Conn	7	3 M.	60-60-60	1.00-1.17-1.06
1896 Conn	8	67 M.	60-60-60	1.25-3.00-1.33
1896 Ga	7	59 M.	63-66-65	.60-1.67-1.09
1896 Ind	7	7 M.	60-60-60	.75-1.75-1.29
1896 Iowa	7	2 M.	60-60-60	1.83-2.50-2.17
1896 Ky	7	23 M.	60-60-60	.90-1.80-1.18
1896 Minn	7	2 M.	60-60-60	1.15-1.40-1.28
1896 Mo	305	7 M.	60-60-60	1.00-1.06-1.03
1896 N. H	7	12 M.	60-60-60	1.25-1.50-1.28
1896 N. C	7	13 M.	69-69-69	.70- .70- .70
1896 Ohio	7	8 M.	60-60-60	1.07-1.50-1.37
1896 Ohio	377	3 M.	60-60-60	1.58-1.58-1.58
1896 Pa	7	183 M.	51-60-60	.75-4.17-1.47
1896 Pa	394	78 M.	60-60-60	.83-6.66-1.88
1896 R. I	7	8 M.	60-60-60	1.50-1.50-1.50
1896 Tenn	7	1 M.	69-69-69	.85- .85- .85
1896 W. Va	7	1 M.	60-60-60	1.67-1.67-1.67
1896 Australia	427	(a) (a)	(a)	.81-2.43- —
1896 Aust-Hun	436	(a) (a)	66-66-66	.42- .42- .42
1896 Belgium	184	(a) (a)	(a)	1.03-1.03-1.03
1896 Br. India	459	(a) (a)	(a)	.05- .05- .05
1896 England	139	(a) M.	(a)	.89- .98- —
1896 England	592	(a) (a)	(a)	.85- .99- —
1896 France	505	(a) M.	60-60-60	.77- .87- —
1896 France	510	(a) (a)	66-72 —	.48- .68- —
1896 Italy	640	(a) M.	(a)	.41- .43- —
1896 Mexico	184	(a) (a)	(a)	.19-1.02- —
1896 Persia	184	(a) (a)	(a)	.20- .20- .20
1896 Portugal	184	(a) (a)	(a)	.61- .61- .61
1897 Va	404	4 M.	60-66-62	.65-1.75-1.16
1897 Va	404	2 F.	60-60-60	.75- .75- .75
1897 Australia	428	(a) (a)	(a)	1.62-2.43- —
1897 England	593	(a) (a)	(a)	.81-1.05- —
1897 Italy	641	(a) M.	(a)	.41- .43- —
1897 Scotland	593	(a) F.	(a)	.89- .97- —
1897 Scotland	593	(a) (a)	(a)	.89- .97- —
1898 N. J	329	1 M.	60-60-60	2.50-2.50-2.50
1898 Australia	429	(a) (a)	(a)	1.62-2.43- —
1898 Aust-Hun	438	(a) (a)	57-63 —	.74- .74- .74
1898 France	512	(a) M.	66-66-66	.63- .72- —
1898 France	512	(a) F.	66-66-66	.39- .48- —
1898 France	512	(a) (a)	66-66-66	.35- .43- —
1898 Germany	151	(a) (a)	(a)	.47- .79- —
1899 N. J	18	11 M.	60-60-60	1.08-1.45-1.12
1899 N. Y	18	9 M.	59-59-59	2.00-2.00-2.00
1899 N. C	18	2 M.	66-66-66	.75- .75- .75
1899 Pa	18	54 M.	60-60-60	.49-2.32-1.75
1899 England	588	(a) (a)	(a)	.89- .97- —
1900 N. J	18	11 M.	60-60-60	1.25-1.67-1.30
1900 N. Y	18	12 M.	59-59-59	2.00-2.00-2.00
1900 N. C	18	2 M.	66-66-66	.75- .75- .75
1900 Pa	18	62 M.	60-60-60	.53-2.26-1.69

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 1 of the 2 wage quotations.
d Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

DYNAMITE WORKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1891	Italy	638	(a) M.	(a)	0.27-0.77- —
1893	Italy	639	(a) M.	(a)	0.27-0.82- —

DYNAMO TENDERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1887	Ohio	369	2 M.	60-60-60	1.75-1.75-1.75
1888	N. Y.	331	10 M.	b60-60-60	1.38-2.50-1.78
1890	N. Y.	333	4 M.	(a)	.88-2.00-1.28
1891	N. Y.	333	5 M.	(a)	.88-2.00-1.43
1892	Ohio	373	13 (a)	c60-72-70	1.67-2.35-1.91
1892	France	505	(a) M.	70-70-70	1.09-1.09-1.09
1893	Mo.	302	21 M.	60-72-65	1.67-2.50-2.02
1893	Ohio	374	7 M.	72-72-72	2.00-2.14-2.10
1896	Md.	14	8 M.	70-70-70	1.73-2.25-2.00
1896	Pa	14	99 M.	48-70-60	1.80-2.50-2.26
1896	Mexico	184	(a) M.	(a)	.50- .75- —

EDGE BLACKERS, BOOTS AND SHOES.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885	Md.	1	1 M.	60-60-60	.50- .50- .50
1885	Mass	1	4 M.	60-60-60	1.00-1.00-1.00
1885	N. Y.	1	18 M.	60-60-60	1.16-1.17-1.17
1885	Ohio	7	5 M.	59-60-60	.66- .78- .72
1886	N. J	325	1 M.	60-60-60	.67- .67- .67
1895	Mass	8	2 M.	(a)	1.00-1.00-1.00
1896	Ohio	7	11 M.	59-60-60	.63- .85- .72

EDGERS, BOOKBINDERY.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1860	N. Y.	8	1 M.	60-60-60	.75- .75- .75
1895	Mass	7	2 M.	58-59-59	.67-1.17- .92
1896	N. Y.	8	1 M.	60-60-60	.70- .70- .70

EDGERS, BRICK, TILE, AND SEWER PIPE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1887	Wis	409	19 M.	(a)	.84- .84- .84
1888	Ind	3	4 F.	54-55-55	.50- .67- .56
1893	Ohio	374	4 M.	54-60-56	.75-1.00- .94
1894	Ind	228	5 F.	45-45-45	.42- .58- .47

EDGERS' HELPERS, LUMBER.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885	Mich.	279	53 M.	66-66-66	1.00-2.25-1.53
1891	Mich.	191	2 M.	60-60-60	1.50-1.63-1.57
1891	Canada	191	(a) M.	66-66-66	.90-1.50- —
1892	Mich.	191	2 M.	60-60-60	1.50-1.63-1.57
1892	Canada	191	(a) M.	66-66-66	.90-1.50- —
1893	Canada	191	(a) M.	66-66-66	.90-1.50- —
1893	Mich.	191	2 M.	60-60-60	1.50-1.50-1.50
1894	Mich.	191	2 M.	60-60-60	1.38-1.38-1.38
1894	Minn	191	2 M.	60-60-60	1.75-1.75-1.75
1894	Canada	191	(a) M.	66-66-66	.90-1.50- —
1895	Canada	191	(a) M.	60-60-60	1.40-1.75-1.58
1895	Canada	191	(a) M.	60-60-60	.90-1.50- —
1896	Mich.	191	2 M.	60-60-60	1.38-1.50-1.44
1896	Minn	8	3 M.	60-60-60	1.63-1.63-1.63
1896	Minn	191	12 M.	60-60-60	1.25-1.75-1.56
1896	Canada	191	(a) M.	60-60-60	.90-1.50- —

EDGERS, HOSIERY.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1872	Germany	185	(a) M.	d72-72-72	.48- .72- —

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 2 persons not reported.
d Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EDGERS, LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	6 M.	(a)	0.69-2.00-1.78
1876 Pa	382	3 M.	(a)	1.75-1.75-1.75
1878 Pa	383	8 M.	60-60-60	1.25-1.80-1.53
1879 Pa	384	74 (a)	(a)	.44-1.75-1.27
1879 Pa	384	2 (a)	(a)	b .60- .60- .60
1883 Mich	277	110 M.	(a)	1.50-3.25-2.34
1884 Mich	278	109 M.	(a)	1.35-3.50-2.25
1884 Canada	466	(a) M.	72-72-72	1.50-1.50-1.50
1885 Ill	1	5 M.	66-66-66	2.50-3.13-2.75
1885 Mich	1	2 M.	66-66-66	1.75-1.75-1.75
1885 Mich	279	161 M.	66-66-66	1.15-2.75-1.86
1885 W. Va	1	3 M.	60-60-60	1.25-1.25-1.25
1885 Canada	467	(a) M.	66-68 —	1.50-1.58- —
1886 Canada	64	(a) M.	66-66-66	1.34-1.53- —
1886 Canada	468	(a) M.	61-63 —	1.30-1.59- —
1887 Ohio	369	13 M.	60-60-60	.83-3.00-2.20
1887 Wis	409	3 M.	(a)	2.00-2.00-2.00
1887 Canada	469	(a) M.	69-69-69	1.49-1.50- —
1888 N. Y	331	2 M.	65-65-65	1.50-1.50-1.50
1888 Canada	470	(a) M.	62-62-62	1.39-1.39-1.39
1889 Canada	471	(a) M.	62-62-62	1.42-1.42-1.42
1890 N. Y	333	1 M.	(a)	1.50-1.50-1.50
1891 Me	257	12 M.	60-69-65	1.50-2.50-1.72
1891 Mich	191	2 M.	60-60-60	2.00-2.00-2.00
1891 Minn	191	6 M.	60-60-60	2.75-3.50-3.04
1891 N. Y	333	12 M.	(a)	1.00-1.63-1.24
1891 Wis	191	2 M.	60-60-60	2.25-2.35-2.30
1891 Wis	411	19 M.	(a)	1.34-2.00-1.60
1891 Canada	191	(a) M.	66-66-66	1.33-2.00- —
1892 Mich	191	2 M.	60-60-60	2.00-2.00-2.00
1892 Minn	191	8 M.	60-60-60	2.50-3.50-2.91
1892 Wis	191	2 M.	60-60-60	2.25-2.35-2.30
1892 Canada	191	(a) M.	66-66-66	1.33-2.00- —
1893 Mich	191	2 M.	60-60-60	1.88-2.13-2.01
1893 Minn	191	8 M.	60-60-60	2.25-3.50-2.84
1893 Mont	307	4 M.	(a)	c1.73-1.73-1.73
1893 Ohio	374	5 M.	54-60-58	1.20-2.50-1.76
1893 Wis	191	2 M.	60-60-60	2.35-2.50-2.43
1893 Wis	412	17 M.	(a)	1.34-2.00-1.55
1893 Canada	191	(a) M.	66-66-66	1.33-2.00- —
1894 Iowa	236	4 M.	60-66-63	2.00-2.46-2.28
1894 Me	260	8 M.	60-66-63	1.75-2.75-2.06
1894 Mich	191	2 M.	60-60-60	1.80-1.80-1.80
1894 Minn	191	12 M.	60-60-60	2.00-3.00-2.38
1894 Mont	308	5 M.	(a)	3.08-3.08-3.08
1894 N. C	8	1 M.	60-60-60	.75- .75- .75
1894 Ohio	375	4 M.	54-60-59	1.25-1.60-1.40
1894 Wis	191	2 M.	60-60-60	2.00-2.25-2.13
1894 Canada	191	(a) M.	66-66-66	1.33-2.00- —
1895 Mich	191	2 M.	60-60-60	1.80-1.80-1.80
1895 Minn	191	13 M.	60-60-60	2.00-3.00-2.33
1895 Ohio	376	6 M.	60-60-60	1.25-2.50-1.69
1895 Wis	191	2 M.	60-60-60	2.00-2.25-2.13
1895 Canada	191	(a) M.	60-60-60	1.33-2.00- —
1896 Ga	8	6 M.	60-66-65	.85-1.25- .92
1896 Mich	191	2 M.	60-60-60	1.80-1.80-1.80
1896 Minn	8	10 M.	60-60-60	1.38-2.25-1.84
1896 Minn	191	14 M.	60-60-60	2.00-3.00-2.34
1896 Ohio	377	4 M.	60-60-60	1.25-2.50-1.90
1896 Wis	191	2 M.	60-60-60	2.00-2.25-2.13
1896 Canada	184	(a) M.	(a)	1.25-1.25-1.25
1896 Canada	191	(a) M.	60-60-60	1.33-2.65- —

EDGERS, TINWARE.

1870 Pa	8	2 M.	60-60-60	1.67-1.67-1.67
1873 Pa	8	2 M.	60-60-60	1.67-1.67-1.67
1876 Pa	8	3 M.	60-60-60	1.67-1.67-1.67
1878 Pa	8	3 M.	60-60-60	1.50-1.50-1.50
1880 Pa	8	5 M.	60-60-60	1.50-1.50-1.50
1881 Pa	8	4 M.	60-60-60	1.50-1.50-1.50
1886 Mo	3	1 F.	60-60-60	.42- .42- .42
1887 N. Y	3	1 F.	60-60-60	1.13-1.13-1.13
1888 N. Y	331	9 M.	55-55-55	1.00-1.00-1.00
1889 Pa	8	2 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	333	5 M.	(a)	1.00-1.00-1.00
1891 N. Y	333	9 F.	(a)	.83- .83- .83
1896 Pa	8	17 M.	60-60-60	1.00-1.67-1.16

EDGE SETTERS, BOOTS AND SHOES.

1875 Mass	270	40 M.	(a)	2.52-2.52-2.52
1877 Ohio	359	2 M.	(a)	2.50-2.50-2.50
1879 Pa	7	9 M.	57-57-57	1.03-2.39-1.65
1881 Mass	7	3 M.	60-60-60	2.79-3.03-2.93
1882 N. J	321	8 M.	d60-60-60	2.13-2.33-2.26
1883 Mass	273	35 M.	(a)	1.67-3.00-2.12
1883 N. J	322	8 M.	60-60-60	2.00-2.50-2.27
1884 N. J	7	5 M.	(a)	2.00-4.17-2.50
1884 N. J	323	12 M.	60-63-61	2.00-2.50-2.17
1884 Pa	7	1 M.	60-60-60	1.00-1.00-1.00
1884 Canada	178	(a) (a)	60-60-60	1.17-1.67- —
1885 Cal	1	8 M.	60-60-60	1.50-2.00-1.88
1885 Md	1	3 M.	60-60-60	1.33-2.00-1.55
1885 Mass	1	36 M.	54-60-60	1.74-2.60-2.20
1885 Mass	7	5 M.	59-59-59	2.39-2.74-2.56
1885 N. J	7	2 M.	(a)	2.67-2.67-2.67
1885 N. J	324	104 M.	e60-60-60	1.17-3.33-1.87
1885 N. Y	1	19 M.	60-60-60	2.17-2.79-2.61
1885 Ohio	7	6 M.	59-60-60	2.91-3.22-3.08
1885 Pa	1	14 M.	60-60-60	3.00-3.00-3.00
1886 N. J	325	64 M.	60-60-60	1.33-3.00-2.20
1886 N. Y	7	7 M.	59-60-59	1.74-3.73-2.72
1887 Ohio	369	1 M.	60-60-60	2.15-2.15-2.15
1887 Wis	409	15 (a)	(a)	2.43-2.43-2.43
1888 N. J	326	11 M.	f60-60-60	2.50-3.50-2.59
1888 N. Y	331	111 M.	g47-61-56	1.67-4.50-2.89
1890 N. Y	333	57 M.	(a)	.67-3.91-2.38
1891 Me	257	46 M.	h60-60-60	2.00-4.17-2.49
1891 N. Y	333	58 M.	(a)	.67-3.42-2.28
1893 Ohio	374	4 M.	i54-60-58	1.50-3.00-2.63
1894 N. H	316	2 M.	59-60-60	1.75-1.83-1.79
1894 Ohio	375	1 M.	(a)	3.00-3.00-3.00

a Not reported.
b And board.
c And board and lodging.
d Not including hours of 4 persons not reported.
e Not including hours of 50 persons not reported.
f Not including hours of 10 persons not reported.
g Not including hours of 9 persons not reported.
h Not including hours of 39 persons not reported.
i Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EDGE SETTERS, BOOTS AND SHOES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Mass	7	12	M.	58-59-59	1.33-2.79-1.98
1895 Mass	8	7	M.	a54-60-58	1.00-3.00-2.36
1895 Mo	304	8	M.	(b)	1.03-2.50-1.73
1895 N. J	7	9	M.	c54-60-57	2.00-2.83-2.25
1895 N. Y	7	1	M.	59-59-59	2.98-2.98-2.98
1895 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	1	M.	60-60-60	1.50-1.50-1.50
1896 N. Y	7	14	M.	59-60-59	1.73-3.92-3.00
1896 Ohio	7	17	M.	59-60-60	2.99-3.51-3.27
1896 Ohio	377	1	M.	60-60-60	5.00-5.00-5.00
1896 Pa	7	6	M.	59-60-59	1.25-1.98-1.62
1899 Mass	18	5	M.	60-60-60	3.70-5.20-4.53
1900 Mass	18	35	M.	58-60-58	2.29-4.21-3.69

EDGE TRIMMERS, BOOTS AND SHOES.

1879 Pa	7	3	M.	57-57-57	1.16-1.83-1.41
1881 Mass	7	4	M.	60-60-60	2.56-4.01-2.98
1882 N. J	321	9	M.	c60-60-60	2.21-2.33-2.28
1883 Mass	273	38	M.	(b)	2.00-3.33-2.50
1883 N. J	322	9	M.	60-60-60	2.00-2.50-2.28
1884 N. J	7	2	M.	(b)	1.92-4.17-3.05
1884 N. J	323	3	M.	60-60-60	2.33-2.33-2.33
1884 Pa	7	1	M.	60-60-60	1.00-1.00-1.00
1885 Cal	1	9	M.	60-60-60	1.50-2.00-1.83
1885 Md	1	2	M.	60-60-60	2.00-2.50-2.25
1885 Mass	1	30	M.	54-60-60	2.15-3.00-2.45
1885 Mass	7	13	M.	59-60-60	1.87-2.89-2.25
1885 Mo	7	2	M.	59-59-59	1.93-2.08-2.01
1885 N. J	7	2	M.	(b)	2.00-2.33-2.17
1885 N. J	324	2	M.	60-60-60	1.67-2.67-2.17
1885 N. Y	1	49	M.	60-60-60	2.33-2.50-2.46
1885 Ohio	7	5	M.	59-60-60	2.83-3.48-3.04
1885 Pa	1	8	M.	60-60-60	3.43-3.49-3.49
1886 N. Y	7	5	M.	59-59-59	1.46-4.74-3.12
1887 Wis	409	6	(b)	(b)	2.51-2.51-2.51
1888 N. Y	331	94	M.	d47-61-57	2.00-4.67-2.90
1890 N. Y	333	21	M.	(b)	1.67-5.00-2.57
1891 Me	257	38	M.	e60-60-60	1.57-2.64-2.56
1891 N. Y	333	18	M.	(b)	2.25-5.00-2.82
1892 Cal	196	1	M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	1	M.	(b)	2.50-2.50-2.50
1894 N. H	316	2	M.	55-59-57	1.50-2.33-1.92
1894 Ohio	375	1	M.	(b)	2.50-2.50-2.50
1895 Mass	7	16	M.	55-59-58	1.78-5.39-2.56
1895 Mass	8	5	M.	a54-54-54	2.50-3.50-3.30
1895 Mo	7	3	M.	59-59-59	2.00-2.45-2.21
1895 Mo	304	4	M.	(b)	1.50-3.33-2.21
1895 N. J	7	4	M.	54-60-57	2.00-2.83-2.29
1895 N. Y	7	1	M.	59-59-59	2.48-2.48-2.48
1895 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	2	M.	(b)	3.50-3.50-3.50
1896 N. Y	7	9	M.	59-60-59	1.93-5.73-3.63
1896 Ohio	7	16	M.	59-60-60	2.64-3.75-2.99
1896 Ohio	377	8	M.	60-60-60	2.25-2.25-2.25
1896 Pa	7	6	M.	59-60-59	.83-2.88-1.72
1899 Mass	18	8	M.	60-60-60	2.30-4.22-3.61
1900 Mass	18	38	M.	58-60-58	2.26-4.41-3.78

EDGE TURNERS, POCKETBOOKS AND PURSES.

1877 Pa	8	10	F.	60-60-60	1.00-1.00-1.00
1880 Pa	8	5	F.	60-60-60	1.00-1.00-1.00
1896 Pa	8	15	F.	60-60-60	.67- .83- .72

ELECTRICAL ENGINEERS.

1887 Md	4	2	M.	(b)	1.32-2.00-1.66
1887 N. Y	4	2	M.	(b)	2.47-2.47-2.47
1888 Mich	280	1	M.	70 70-70	2.14-2.14-2.14
1889 Australia	432	(b)	M.	(b)	2.67-2.67-2.67
1889 England	5	(b)	M.	(b)	.69- .69- .69
1890 N. Y	333	1	M.	(b)	1.83-1.83-1.83
1891 N. Y	333	1	M.	(b)	1.83-1.83-1.83
1894 Iowa	236	2	M.	70-84-77	2.75-3.30-3.03
1895 Me	7	1	M.	60-60-60	1.50-1.50-1.50
1895 Germany	135	(b)	M.	60-60-60	.83- .83- .83
1896 Br. Guiana	184	(b)	M.	(b)	4.60-4.60-4.60
1899 N. C	353	1	M.	60-60-60	2.00-2.00-2.00

ELECTRICIANS.

1878 Germany	544	(b)	M.	(b)	f.10½-.14½- —
1880 N. J	319	1	(b)	56-56-56	2.00-2.00-2.00
1883 Mass	273	14	M.	(b)	1.17-3.25-2.15
1884 Mich	278	2	M.	(b)	2.25-3.00-2.63
1884 Canada	178	(b)	(b)	60-60-60	2.00-3.25- —
1885 Ohio	1	1	M.	60-60-60	1.89-1.89-1.89
1885 Pa	1	1	M.	60-60-60	2.00-2.00-2.00
1886 Gr't Brit	604	(b)	M.	(b)	g1.28-1.46- —
1887 Md	4	8	M.	(b)	1.25-2.88-2.08
1887 Mass	4	4	M.	(b)	2.00-4.11-2.53
1887 N. Y	4	2	M.	(b)	3.19-3.64-3.42
1887 Ohio	369	4	M.	60-60-60	1.50-2.90-2.33
1887 Wis	409	2	M.	(b)	2.47-2.47-2.47
1888 N. Y	331	37	M.	h54-72-58	1.50-8.33-3.78
1888 Canada	470	(b)	M.	70-70-70	2.25-2.25-2.25
1889 Ind	6	1	M.	60-60-60	1.25-1.25-1.25
1889 Pa	189	1	(b)	(b)	2.30-2.30-2.30
1889 Canada	471	(b)	M.	60-65 —	2.29-2.66- —
1890 Mich	282	16	M.	60-60-60	.67-2.50-1.51
1890 N. Y	333	15	M.	(b)	1.52-2.92-2.34
1891 Me	257	1	M.	72-72-72	2.00-2.00-2.00
1891 Mo	300	1	M.	(b)	2.95-2.95-2.95

a Not including hours of 4 persons not reported.
b Not reported.
c Not including hours of 5 persons not reported.
d Not including hours of 6 persons not reported.
e Not including hours of 34 persons not reported.
f Per hour.
g And food.
h Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ELECTRICIANS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y.	333	28 M.	(a)	1.67-5.83-2.54
1891 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1891 France	505	(a) M.	60-84 —	1.16-1.93- —
1892 Pa	20	1 M.	60-60-60	3.50-3.50-3.50
1892 Australia	424	(a) M.	(a)	1.62-3.25- —
1892 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1892 France	505	(a) M.	60-84 —	.48-1.16- —
1892 France	505	(a) M.	(b)	c .58- .58- .58
1893 Ill.	10	1 M.	60-60-60	3.00-3.00-3.00
1893 Mont.	307	10 M.	d 49-70-60	3.50-5.75-4.11
1893 N. H	315	4 M.	e 53-60-58	2.00-5.00-2.88
1893 Ohio	374	6 M.	54-54-54	3.00-3.00-3.00
1893 Pa	10	1 M.	70-70-70	3.83-3.83-3.83
1893 Pa	20	1 M.	60-60-60	3.00-3.00-3.00
1893 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1894 Iowa	236	6 M.	60-72-62	1.92-2.71-2.31
1894 N. H	316	3 M.	57-60-59	1.75-2.50-2.00
1894 N. Y.	11	1 (a)	(a)	3.00-3.00-3.00
1894 Ohio	375	8 M.	60-72-62	1.50-3.00-1.88
1894 Pa	20	1 M.	60-60-60	2.70-2.70-2.70
1894 Australia	425	(a) (a)	(a)	1.42-3.04- —
1894 Canada	191	(a) M.	66-66-66	1.50-1.50-1.50
1895 Ga	7	2 M.	66-66-66	1.50-2.25-1.88
1895 Me	7	3 M.	60-60-60	1.75-2.75-2.08
1895 Mass	7	2 M.	60-60-60	2.25-2.50-2.38
1895 Mich.	287	28 M.	(a)	.75-3.30-1.88
1895 Mo	304	1 M.	(a)	2.50-2.50-2.50
1895 N. H	7	36 M.	59-60-60	1.18-2.50-1.42
1895 N. Y.	8	1 M.	48-48-48	3.00-3.00-3.00
1895 Ohio	376	36 M.	f 60-60-60	1.66-2.50-1.98
1895 Pa	20	1 M.	60-60-60	2.70-2.70-2.70
1895 Vt	7	3 M.	60-60-60	1.50-1.50-1.50
1895 Australia	426	(a) (a)	(a)	1.42-3.04- —
1895 Canada	191	(a) M.	60-60-60	1.50-1.50-1.50
1895 France	677	(a) (a)	60-60-60	1.17-1.46- —
1896 Conn.	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Ga	7	2 M.	66-66-66	1.50-1.50-1.50
1896 Ill.	7	2 M.	54-54-54	2.50-2.50-2.50
1896 Md	7	1 M.	54-54-54	4.00-4.00-4.00
1896 Mass	8	1 M.	60-60-60	4.17-4.17-4.17
1896 Nebr	314	5 M.	60-60-60	2.00-2.75-2.15
1896 N. Y.	336	30 M.	(a)	.83-3.50-1.94
1896 Ohio	377	36 M.	e 60-60-60	1.60-2.25-1.98
1896 Pa	7	1 M.	60-60-60	1.83-1.83-1.83
1896 Pa	14	108 M.	60-60-60	1.80-2.50-2.42
1896 Pa	394	1 M.	60-60-60	1.60-1.60-1.60
1896 S. C	15	1 M.	(a)	1.17-1.17-1.17
1896 Wis	7	2 M.	60-72-66	1.50-2.25-1.88
1896 Australia	427	(a) M.	(a)	1.62-2.84- —
1896 Canada	191	(a) M.	60-60-60	1.50-1.50-1.50
1896 France	505	(a) M.	60-60-60	.97- .97- .97
1897 Nebr	314	4 M.	(a)	2.00-2.00-2.00
1897 Ohio	377	5 (a)	(a)	2.25-2.25-2.25
1897 Pa	8	2 M.	60-60-60	2.75-2.75-2.75
1897 Va	404	15 M.	60-60-60	1.80-1.80-1.80
1897 Australia	418	(a) (a)	(a)	1.83-2.56- —
1897 Australia	428	(a) (a)	(a)	1.62-2.84- —
1897 Aust-Hun	437	(a) (a)	60-60-60	.45- .89- —
1898 Iowa	18	1 (a)	(a)	1.75-1.75-1.75
1898 Kans.	252	2 M.	60-60-60	2.07-2.88-2.48
1898 Mich.	290	203 M.	(a)	1.50-2.75-2.62
1898 Mo	306	11 M.	60-72-61	2.00-5.00-2.50
1898 Nebr	314	22 M.	60-60-60	1.00-5.00-2.61
1898 Pa	18	1 M.	(a)	2.10-2.10-2.10
1898 Wash	405	18 (a)	(a)	1.62-3.33-2.33
1898 Australia	419	(a) (a)	(a)	2.19-2.39- —
1898 Australia	429	(a) (a)	g 48-48-48	1.62-2.84- —
1898 Germany	151	(a) (a)	(a)	.71-1.59- —
1899 Mich.	291	18 M.	h 60-60-60	2.08-3.12-2.37
1899 N. Y.	18	15 M.	(a)	2.50-2.50-2.50
1899 N. C.	353	1 M.	(a)	2.25-2.25-2.25
1899 Pa	18	2 M.	(a)	2.40-2.50-2.45
1899 Va	404	20 (a)	(a)	1.50-3.65-2.18
1900 N. Y.	18	15 M.	(a)	2.50-2.50-2.50

ELECTRICIANS' HELPERS.

1891	N. Y.	333	2	M.	(a)	1.25-1.33-1.29	1892	France	505	(a)	M.	60-60-60	.39- .48- —

ELECTROPLATERS.

1871	England	629	(a)	(a)	58-58-58	1.42-1.42-1.42	1893	Ill.	10	1	M.	60-60-60	2.00-2.00-2.00
1880	Mich.	281	1	M.	60-60-60	1.75-1.75-1.75	1893	Pa	10	1	M.	60-60-60	1.33-1.33-1.33
1880	N. J	319	1	(a)	60-60-60	2.60-2.60-2.60	1894	Iowa	236	3	M.	48-60-56	2.50-3.50-2.83
1883	Gr't Brit	273	(a)	M.	(a)	.97-1.62- —	1894	Ohio	375	3	M.	(a)	1.58-1.58-1.58
1885	N. J	7	5	M.	(a)	2.00-2.00-2.00	1895	N. J	7	5	M.	60-60-60	2.00-2.00-2.00
1888	N. Y.	331	9	M.	e 53-60-59	1.83-3.50-2.37	1895	Ohio	376	13	M.	59-60-60	1.50-2.25-2.08
1890	Mich.	282	7	M.	60-60-60	1.17-3.75-2.20	1896	Conn.	8	2	M.	60-60-60	3.00-4.00-3.50
1890	N. Y.	333	7	M.	(a)	2.50-6.00-5.02	1897	Australia	428	(a)	(a)	(a)	1.22-3.24- —
1891	N. Y.	333	10	M.	(a)	2.30-6.00-4.21	1898	Australia	429	(a)	(a)	(a)	1.22-3.24- —
1891	France	505	(a)	M.	60-60-60	1.06-1.45- —	1898	Denmark	493	(a)	M.	(a)	.45-1.61- —
1892	Cal.	196	3	M.	57-60-59	2.50-3.50-2.83	1898	Denmark	493	(a)	F.	(a)	.13- .67- —
1892	Australia	424	(a)	M.	(a)	1.62-3.24- —							

ELECTROPLATERS' HELPERS.

1896	Conn.	8	2	M.	60-60-60	1.50-1.75-1.63

a Not reported.
b 102-102-102 hours.
c And premiums.
d Not including hours of 4 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 8 persons not reported.
g Applies to but 1 of the 3 wage quotations.
h Not including hours of 13 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ELECTROTYPERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1867 N. Y.	190	2 M.	60-60-60	2.00-2.50-2.25	1889 Canada	471	(a) M.	55-56 —	2.60-2.67- —
1868 N. Y.	190	2 M.	60-60-60	2.00-2.50-2.25	1889 Portugal	691	(a) (a)	(a)	1.19-1.19-1.19
1869 N. Y.	190	2 M.	59-59-59	2.00-2.50-2.25	1890 Ill	19	3 M.	(a)	2.00-3.50-2.92
1870 N. Y.	190	2 M.	59-59-59	2.00-2.50-2.25	1890 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00
1871 N. Y.	190	2 M.	59-59-59	2.00-2.50-2.25	1890 N. Y.	333	37 M.	(a)	.50-4.67-3.09
1872 N. Y.	190	2 M.	59-59-59	2.00-2.50-2.25	1891 Ill	19	3 M.	(a)	2.25-3.50-3.08
1873 N. Y.	190	2 M.	59-59-59	2.00-3.50-2.75	1891 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00
1874 N. Y.	190	3 M.	59-59-59	2.00-3.50-3.00	1891 N. Y.	333	37 M.	(a)	.50-4.67-3.24
1875 N. Y.	190	3 M.	59-59-59	2.00-3.50-2.94	1892 Ill	19	2 M.	59-59-59	2.50-3.50-3.00
1876 N. Y.	190	4 M.	59-59-59	2.00-3.50-2.96	1893 Ill	19	2 M.	59-59-59	3.00-3.50-3.25
1877 N. Y.	190	3 M.	59-59-59	2.00-3.00-2.50	1893 Md.	10	1 M.	60-60-60	1.00-1.00-1.00
1878 N. Y.	190	4 M.	59-59-59	1.83-3.00-2.54	1893 Ohio	374	2 M.	60-60-60	2.00-2.00-2.00
1879 N. Y.	190	4 M.	59-59-59	1.83-2.70-2.48	1894 Ohio	375	23 M.	60-60-60	1.00-2.40-2.12
1880 N. Y.	190	5 M.	59-59-59	2.50-3.00-2.72	1894 Australia	425	(a) (a)	(a)	2.11-2.43- —
1881 N. Y.	190	3 M.	59-59-59	3.00-3.00-3.00	1894 Scotland	590	(a) (a)	(a)	1.38-1.38-1.38
1882 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00	1895 Mass	7	23 M.	c 60-60-60	1.67-3.67-3.01
1883 Mass	273	5 M.	(a)	1.67-5.00-3.33	1895 N. Y.	7	12 M.	58-60-59	1.67-4.50-2.65
1883 N. Y.	7	4 M.	59-59-59	2.67-3.00-2.92	1895 Ohio	376	81 M.	54-60-60	1.50-2.66-1.73
1883 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00	1895 Australia	426	(a) (a)	(a)	2.11-2.43- —
1884 N. J.	323	13 M.	60-60-60	2.33-2.33-2.33	1895 Scotland	591	(a) M.	(a)	1.05-1.30- —
1884 N. Y.	190	3 M.	59-59-59	3.00-3.00-3.00	1896 Ill.	7	8 M.	57-57-57	2.00-5.00-3.08
1885 Ill	7	4 M.	59-59-59	3.50-5.00-4.38	1896 Mo	305	100 M.	48-60-58	1.20-3.00-1.94
1885 Mass	7	13 M.	59-59-59	2.50-3.67-3.04	1896 Ohio	377	59 M.	59-60-59	2.00-3.07-2.51
1885 N. J.	1	6 M.	66-66-66	2.92-2.92-2.92	1896 Pa	7	2 M.	60-60-60	2.67-4.17-3.42
1885 N. J.	324	4 M.	54-60-57	1.00-2.33-1.65	1896 Australia	427	(a) (a)	(a)	2.11-2.43- —
1885 N. Y.	7	7 M.	b 59-59-59	2.00-4.50-2.88	1897 Kans.	251	1 M.	63-63-63	2.57-2.57-2.57
1885 N. Y.	190	3 M.	59-59-59	3.00-3.00-3.00	1897 N. Y.	337	140 M.	(a)	2.67-4.50-3.33
1886 N. Y.	190	3 M.	59-59-59	3.00-3.00-3.00	1897 Va	404	6 M.	54-60-57	2.00-2.20-2.10
1887 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00	1897 Australia	428	(a) (a)	(a)	1.42-3.04- —
1887 Ohio	369	8 M.	48-60-56	1.50-5.00-3.44	1898 Nebr.	314	2 (a)	60-60-60	3.00-3.00-3.00
1887 Wis	409	6 M.	(a)	2.03-2.26-2.15	1898 N. Y.	338	171 M.	54-54-54	2.67-4.00-3.55
1887 Germany	557	(a) (a)	57-57-57	.83-1.43- —	1898 Australia	429	(a) (a)	(a)	1.42-3.04- —
1888 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00	1899 Ga	18	2 M.	60-60-60	2.50-4.00-3.25
1888 N. Y.	331	6 M.	55-60-58	1.00-3.33-2.56	1899 N. Y.	18	17 M.	54-54-54	4.00-4.00-4.00
1888 Canada	470	(a) M.	59-59-59	3.13-3.13-3.13	1899 N. Y.	340	278 (a)	(a)	2.67-3.00-2.83
1888 Germany	558	(a) (a)	56-57 —	.83-1.90- —	1900 Ga	18	2 M.	60-60-60	2.50-4.00-3.25
1889 N. Y.	190	2 M.	59-59-59	3.00-3.00-3.00	1900 N. Y.	18	17 M.	54-54-54	4.00-4.00-4.00

ELECTROTYPERS' HELPERS.

1876 Pa	8	3 M.	60-60-60	.75- .75- .75	1895 Mass	7	3 M.	60-60-60	.83-1.50-1.17
1885 Ill.	7	4 M.	59-59-59	1.50-1.67-1.54	1896 Ill.	7	4 M.	57-57-57	.67-1.50-1.17
1885 N. Y.	7	1 M.	59-59-59	1.00-1.00-1.00	1899 N. Y.	18	17 M.	54-54-54	2.50-2.50-2.50
1892 Ill.	19	1 M.	(a)	.75- .75- .75	1900 N. Y.	18	17 M.	54-54-54	2.50-2.50-2.50
1893 Ill.	19	1 M.	(a)	.75- .75- .75					

ELEVATOR CONSTRUCTORS.

1896 N. Y.	14	225 M.	48-48-48	2.50-3.76-3.13	1898 N. Y.	338	485 M.	48-48-48	2.25-3.25-2.96
1897 N. Y.	337	528 M.	48-48-48	2.25-4.50-3.55					

ELEVATOR CONSTRUCTORS' HELPERS.

1896 N. Y.	14	80 M.	48-48-48	2.26-2.76-2.36	....	.....	....	.....	.....

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ELEVATOR HANDS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1864 Pa	190	1 M.	60-60-60	1.50-1.50-1.50
1865 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1866 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1867 Pa	190	2 M.	60-60-60	1.67-1.67-1.67
1868 Pa	190	2 M.	60-60-60	1.67-1.67-1.67
1869 Pa	190	2 M.	60-60-60	1.67-1.67-1.67
1870 Pa	190	2 M.	60-60-60	1.67-1.84-1.76
1871 Pa	190	1 M.	60-60-60	1.67-1.67-1.67
1872 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1872 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1873 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1873 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1874 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1874 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1875 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1875 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1876 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1876 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1877 Conn	190	1 M.	60-60-60	1.67-1.67-1.67
1877 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1878 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1878 Mass	190	1 M.	60-60-60	.85-.85-.85
1878 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1879 Conn	190	1 M.	60-60-60	1.00-1.00-1.00
1879 Mass	190	1 M.	60-60-60	.90-.90-.90
1879 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1880 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1880 Mass	190	1 M.	(a)	.99-.99-.99
1880 N. H	271	1 (a)	66-66-66	1.10-1.10-1.10
1880 N. Y	7	1 M.	51-51-51	.67-.67-.67
1880 Pa	190	1 M.	60-60-60	2.00-2.00-2.00
1880 Va	7	1 M.	68-68-68	.83-.83-.83
1881 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1881 Mass	190	1 M.	60-60-60	.99-.99-.99
1881 N. H	7	1 M.	65-65-65	1.25-1.25-1.25
1881 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1881 R. I	7	1 M.	66-66-66	1.60-1.60-1.60
1882 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1882 Mass	190	1 M.	60-60-60	.99-.99-.99
1882 Mo	7	1 M.	59-59-59	2.33-2.33-2.33
1882 N. H	7	1 M.	66-66-66	1.50-1.50-1.50
1882 Pa	7	1 M.	57-57-57	.67-.67-.67
1882 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1882 Germany	33	(a) (a)	66-66-66	.40-.40-.40
1882 Italy	33	(a) (a)	66-66-66	.29-.33-—
1883 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1883 Ga	7	5 M.	b 66-66-66	.90-1.15-.97
1883 Mass	190	1 M.	60-60-60	.99-.99-.99
1883 Mass	273	12 M.	(a)	.90-1.35-1.17
1883 Miss	7	2 M.	(a)	.67-.80-.74
1883 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1884 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1884 La	7	2 M.	63-63-63	.67-.83-.75
1884 Me	7	2 M.	59-59-59	.33-.33-.33
1884 Mass	190	1 M.	60-60-60	.99-.99-.99
1884 N. J	323	1 M.	60-60-60	2.00-2.00-2.00
1884 Pa	7	2 M.	57-57-57	.83-.83-.83
1884 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1884 Wis	7	1 M.	60-60-60	1.00-1.00-1.00
1884 Italy	178	(a) M.	c 66-66-66	.29-.80-—
1884 Wales	178	(a) M.	72-72-72	.61-.61-.61
1885 Conn	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1885 Ill	7	2 M.	d 59-59-59	1.00-1.25-1.13
1885 Me	1	9 M.	66-66-66	1.00-1.05-1.03
1885 Mass	1	5 M.	60-60-60	.82-1.20-1.01
1885 Mass	7	5 M.	54-60-56	.54-2.50-1.06
1885 Mass	190	1 M.	60-60-60	0.85-0.85-0.85
1885 Mich	1	4 M.	60-60-60	.40-1.00-.70
1885 Mich	279	12 M.	e 66-66-66	.58-1.63-1.15
1885 N. H	1	6 M.	65-65-65	.50-1.00-.75
1885 N. J	7	1 M.	55-55-55	1.20-1.20-1.20
1885 N. Y	1	15 M.	60-66-60	.83-1.67-1.23
1885 N. Y	7	5 M.	56-59-57	.50-1.67-1.10
1885 N. C	1	1 M.	69-69-69	.75-.75-.75
1885 Ohio	7	2 M.	58-60-59	.83-1.00-.92
1885 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1885 Vt	1	5 M.	66-66-66	.87-.87-.87
1885 Va	1	1 M.	66-66-66	.83-.83-.83
1885 Wis	7	2 M.	60-60-60	.83-1.00-.92
1885 Italy	1	(a) M.	72-72-72	.42-.42-.42
1886 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1886 Ill	7	9 M.	54-60-55	1.50-1.67-1.63
1886 Iowa	7	1 M.	69-69-69	.67-.67-.67
1886 Mass	190	1 M.	60-60-60	.92-.92-.92
1886 Mich	7	1 M.	60-60-60	1.17-1.17-1.17
1886 N. H	7	4 M.	60-60-60	1.15-1.20-1.19
1886 N. J	325	13 M.	60-72-62	1.25-1.33-1.30
1886 N. Y	7	3 M.	59-60-59	.83-1.67-1.33
1886 Pa	3	1 F.	(a)	.42-.42-.42
1886 Pa	7	5 M.	54-60-59	1.04-1.67-1.23
1886 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1886 R. I	7	1 M.	60-60-60	1.17-1.17-1.17
1887 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1887 Conn	202	2 M.	(a)	1.25-1.25-1.25
1887 Md	4	23 M.	(a)	.77-1.75-1.20
1887 Mass	190	1 M.	60-60-60	.92-.92-.92
1887 N. Y	7	1 M.	60-60-60	1.33-1.33-1.33
1887 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1888 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1888 Ga	6	3 M.	66-66-66	.45-.90-.75
1888 Mass	190	1 M.	60-60-60	.92-.92-.92
1888 N. Y	6	5 M.	e 60-60-60	.46-1.13-.94
1888 N. Y	331	20 M.	f 56-72-63	.58-1.63-1.28
1888 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1888 R. I	6	1 M.	(a)	.96-.96-.96
1888 S. C	6	7 M.	e 66-71-67	.35-.85-.59
1888 Va	6	2 M.	(a)	.52-.83-.68
1889 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Me	6	8 M.	g 60-60-60	1.00-1.33-1.11
1889 Md	6	6 M.	(a)	.60-1.00-.79
1889 Mass	6	32 M.	h 60-60-60	.73-2.00-1.09
1889 Mass	190	1 M.	60-60-60	.92-.92-.92
1889 Mich	281	13 M.	60-60-60	.42-1.67-1.08
1889 Miss	6	4 M.	(a)	.60-.75-.71
1889 N. H	6	20 M.	d 60-60-60	.74-1.25-1.01
1889 N. J	6	1 M.	60-60-60	.83-.83-.83
1889 N. Y	6	1 M.	(a)	.93-.93-.93
1889 N. C	6	1 M.	(a)	.50-.50-.50
1889 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1889 R. I	6	7 M.	(a)	.96-1.05-1.03
1889 Tenn	6	5 M.	66-66-66	.60-.80-.76
1889 Va	6	5 M.	(a)	.59-.95-.72
1889 W. Va	5	3 M.	(a)	1.00-1.65-1.22
1889 Belgium	5	(a) M.	(a)	.21-.90-—
1889 England	5	(a) M.	48-56	.79-.93-—
1889 England	6	(a) M.	i 57-57-57	.60-.69-—
1889 Italy	5	(a) M.	(a)	.39-.69-—
1889 Italy	637	(a) M.	(a)	.50-.50-.50
1890 Ala	6	4 M.	e 66-67-67	.75-1.67-1.11
1890 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Ky	6	1 M.	(a)	.75-.75-.75
1890 La	6	2 M.	(a)	1.00-1.00-1.00
1890 Me	6	1 M.	60-60-60	1.33-1.33-1.33

a Not reported.
b Not including hours of 4 persons not reported.
c Applies to but 1 of the 5 wage quotations.
d Not including hours of 1 person not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 8 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 10 persons not reported.
i Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ELEVATOR HANDS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1890 Mass	190	1 M.	60-60-60	0.92-0.92-0.92
1890 Mich	282	4 M.	60-60-60	.50-1.38- .84
1890 Miss	6	1 M.	(a)	.80- .80- .80
1890 N. Y	333	9 M.	(a)	.83-2.00-1.42
1890 N. C	6	5 M.	(a)	.60- .75- .68
1890 Pa	6	1 M.	60-60-60	1.00-1.00-1.00
1890 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1890 Tenn	6	1 M.	(a)	.75- .75- .75
1890 England	5	(a) M.	(a)	.39- .90- —
1890 Ireland	6	(a) M.	56-56-56	.57- .57- .57
1890 Scotland	6	(a) M.	56-56-56	.77- .77- .77
1891 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1891 Me	257	2 M.	60-60-60	1.00-1.00-1.00
1891 Mass	190	1 M.	60-60-60	.92- .92- .92
1891 N. Y	333	28 M.	(a)	.50-2.00-1.46
1891 Pa	190	1 M.	60-60-60	2.50-2.50-2.50
1891 Italy	638	(a) M.	69-69-69	.50- .50- .50
1892 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1892 Me	258	11 M.	60-60-60	.82-1.50-1.16
1892 Mass	20	8 M.	58-60-60	.89-1.70-1.06
1892 Mass	190	1 M.	60-60-60	.92- .92- .92
1892 Ohio	373	1 M.	60-60-60	1.00-1.00-1.00
1892 Russia	692	(a) (a)	(a)	.32- .44- —
1893 Mass	20	8 M.	58-60-58	.89-1.70-1.07
1893 Ohio	374	8 M.	60-63-60	.75-1.50-1.13
1894 Ind	228	1 M.	60-60-60	1.75-1.75-1.75
1894 Mass	20	8 M.	58-60-58	.85-1.50-1.01
1894 N. Y	8	6 M.	60-60-60	1.25-1.33-1.26
1894 Ohio	375	13 M.	54-72-65	.75-1.50-1.39
1895 Ala	7	1 M.	66-66-66	.75- .75- .75
1895 Conn	7	2 M.	59-59-59	.50-1.17- .84
1895 Fla	8	2 M.	63-63-63	.75- .75- .75
1895 Ga	7	3 M.	66-66-66	.80- .90- .85
1895 Ga	8	7 M.	66-66-66	.70-1.00- .84
1895 Ill	8	4 M.	60-60-60	1.50-1.75-1.59
1895 La	7	4 M.	55-63-61	.50-1.25- .77
1895 Me	7	3 M.	59-60-59	.33-1.10- .76
1895 Mass	7	13 M.	48-60-55	.50-2.50-1.02
1895 Mass	8	4 M.	60-60-60	1.00-2.50-1.66
1895 Mass	20	7 M.	58-58-58	0.85-1.04-0.95
1895 Miss	7	2 M.	60-60-60	.67- .80- .74
1895 Mo	7	1 M.	59-59-59	2.33-2.33-2.33
1895 Mo	304	1 M.	(a)	1.25-1.25-1.25
1895 N. H	7	18 M.	60-60-60	1.00-1.50-1.18
1895 N. J	7	1 M.	53-53-53	1.33-1.33-1.33
1895 N. J	8	4 M.	60-60-60	1.17-1.17-1.17
1895 N. Y	7	11 M.	51-60-57	.58-2.00-1.16
1895 N. Y	8	19 M.	54-60-59	1.00-2.67-1.49
1895 N. C	7	1 M.	60-60-60	.75- .75- .75
1895 N. C	8	1 M.	66-66-66	.60- .60- .60
1895 Ohio	7	1 M.	58-58-58	1.17-1.17-1.17
1895 Ohio	376	31 M.	b54-72-60	.41-2.00-1.34
1895 Pa	8	2 M.	60-60-60	1.50-1.50-1.50
1895 R. I	7	7 M.	57-60-58	.42-2.50-1.43
1895 Va	7	1 M.	60-60-60	1.00-1.00-1.00
1895 Wis	7	1 M.	60-60-60	1.00-1.00-1.00
1896 Conn	7	2 M.	60-60-60	1.25-1.50-1.38
1896 Conn	8	3 M.	60-60-60	1.25-1.50-1.33
1896 Ga	7	10 M.	63-66-66	.70-1.25- .88
1896 Ill	7	21 M.	54-60-55	1.00-1.67-1.53
1896 Iowa	7	3 M.	54-63-58	.42- .83- .69
1896 Ky	7	1 M.	54-54-54	1.00-1.00-1.00
1896 Md	7	1 M.	54-54-54	.83- .83- .83
1896 Mich	7	1 M.	60-60-60	1.33-1.33-1.33
1896 N. H	7	5 M.	60-60-60	.50-1.20- .88
1896 N. Y	7	20 M.	59-60-60	.42-1.67-1.07
1896 N. Y	8	5 M.	60-60-60	2.00-2.50-2.40
1896 N. Y	336	61 M.	(a)	.83-2.33-1.27
1896 N. C	7	1 M.	69-69-69	.50- .50- .50
1896 Ohio	7	6 M.	54-60-59	.42-2.00-1.13
1896 Ohio	377	24 M.	c48-65-61	.89-1.89-1.47
1896 Pa	7	24 M.	52-60-58	.42-1.67-1.06
1896 Pa	394	2 M.	60-60-60	1.20-1.35-1.28
1896 R. I	7	2 M.	60-60-60	1.33-1.67-1.50
1896 S. C	7	1 M.	66-66-66	.60- .60- .60
1896 Wis	7	5 M.	48-60-56	.83-1.00- .97
1897 Kans	251	2 M.	60-70-65	1.28-1.61-1.46

EMBOSSERS' HELPERS, PAPER PRODUCTS.

1890	N. Y	333	4	M.	(a)	.50- .50- .50	1891	N. Y	333	4	M.	(a)	.50- .50- .50

EMBOSSERS, LEATHER GOODS.

1890	N. Y	333	2	M.	(a)	1.17-1.17-1.17	1895	N. Y	8	1	M.	60-60-60	1.70-1.70-1.70
1891	N. Y	333	2	M.	(a)	1.17-1.17-1.17							

EMBOSSERS, METALS.

1885	N. Y	7	7	F.	(a)	.75-1.17- .87	1895	N. Y	7	8	F.	54-54-54	.75-1.25- .97
1890	N. Y	8	1	M.	60-60-60	5.83-5.83-5.83	1896	Conn	8	1	M.	60-60-60	3.00-3.00-3.00
1891	Belgium	457	(a)	M.	65-66 —	.09½-.87- —	1896	R. I	8	3	M.	60-60-60	2.50-3.00-2.83

a Not reported.
b Not including hours of 10 persons not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EMBOSSERS, PAPER PRODUCTS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
(a) England	588	(b) F.	56-56-56	0.30-0.30-0.30
1877 England	570	(b) M.	60-60-60	.87- .87- .87
1880 England	571	(b) M.	60-60-60	.65- .85- —
1880 Scotland	571	(b) M.	(b)	1.05-1.05-1.05
1883 Mass	273	4 M.	(b)	2.67-2.67-2.67
1884 Mo	295	9 (b)	(b)	4.69-4.69-4.69
1884 England	178	(b) M.	54-54-54	.81- .97- —
1885 N. J	324	1 M.	60-60-60	1.67-1.67-1.67
1885 N. J	324	5 F.	60-60-60	.58- .58- .58
1887 N. Y	3	1 F.	59-59-59	.92- .92- .92
1888 N. Y	331	3 M.	(b)	1.00-1.00-1.00
1890 N. Y	333	27 M.	(b)	.83-3.17-1.88
1891 N. Y	333	30 M.	(b)	.83-3.17-1.86
1891 France	505	(b) M.	70-70-70	1.93-1.93-1.93
1892 Conn	20	2 M.	60-60-60	3.00-3.00-3.00
1893 Conn	20	7 M.	60-60-60	3.17-3.17-3.17
1893 Ohio	374	3 M.	48-48-48	2.00-2.00-2.00
1893 Ohio	374	2 F.	48-48-48	.90- .90- .90
1894 Conn	20	6 M.	60-60-60	3.17-3.17-3.17
1894 Ohio	375	3 M.	48-48-48	1.50-1.50-1.50
1894 Ohio	375	2 F.	48-48-48	.90- .90- .90
1895 Conn	20	5 M.	60-60-60	3.17-3.17-3.17
1895 Mass	7	4 M.	59-60-60	1.50-2.00-1.73
1895 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1895 Ohio	376	4 M.	54-54-54	2.00-2.00-2.00
1895 Ohio	376	4 F.	54-54-54	1.00-1.00-1.00
1896 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00
1897 Australia	428	(b) F.	(b)	.32- .81- —
1898 Australia	429	(b) F.	(b)	.32- .81- —

EMBOSSERS, TEXTILES.

1885 Conn	7	2 M.	60-60-60	1.50-2.00-1.75
1888 N. Y	331	2 M.	(b)	1.50-1.50-1.50
1895 Mass	7	9 M.	60-60-60	1.00-1.44-1.24
1896 Conn	7	2 M.	60-60-60	1.40-1.95-1.68

EMBOSSERS, WOOD.

1860 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1894 N. Y	8	2 M.	60-60-60	.67-1.15- .91
1895 N. Y	8	2 M.	60-60-60	1.75-2.25-2.00
1896 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1896 Pa	8	1 M.	60-60-60	.50- .50- .50

EMBROIDERERS.

1853 France	609	(b) F.	(b)	.34- .97- —
1860 France	609	(b) F.	(b)	.39- .39- .39
1868 Germany	610	(b) F.	72-72-72	.30- .45- —
1869 France	609	(b) F.	c90-90-90	.58- .97- —
1869 Peru	609	(b) (b)	(b)	2.19-2.19-2.19
1869 Turk. in A.	609	(b) (b)	(b)	.16- .24- —
1870 Turk. in A.	610	(b) M.	(b)	.46- .68- —
1871 England	629	(b) F.	(b)	.45- .45- .45
1871 Turkey	611	(b) (b)	(b)	.77-3.65- —
1872 Germany	185	(b) M.	(b)	.48-1.20- —
1872 Germany	185	(b) F.	d60-72 —	.12-1.20- —
1873 Germany	177	(b) M.	(b)	.95- .95- .95
1873 Germany	177	(b) F.	(b)	.28- .28- .28
1873 Switzerl'd.	612	(b) M.	e72-72-72	.43-1.35- —
1873 Switzerl'd.	612	(b) F.	e72-72-72	.23- .44- —
1874 Conn	185	65 F.	(b)	.67- .67- .67
1874 Germany	177	(b) M.	(b)	.87- .87- .87
1874 Germany	177	(b) F.	(b)	.24- .24- .24
1874 Switzerl'd.	168	(b) F.	(b)	.30- .30- .30
1874 Switzerl'd.	168	(b) (b)	(b)	1.00-1.00-1.00
1875 France	177	(b) (b)	(b)	.50- .80- —
1875 France	496	(b) F.	(b)	.26- .77- —
1875 Germany	177	(b) M.	(b)	.79- .79- .79
1875 Germany	177	(b) F.	(b)	.20- .20- .20
1876 France	497	(b) F.	(b)	.25- .77- —
1876 Germany	177	(b) M.	(b)	.71- .71- .71
1876 Germany	177	(b) F.	(b)	.16- .16- .16
1877 Germany	177	(b) M.	(b)	.52- .52- .52
1877 Germany	177	(b) F.	(b)	.14- .14- .14
1878 France	177	(b) (b)	(b)	.40- .80- —
1878 France	498	(b) F.	(b)	.26- .77- —
1878 Germany	177	(b) M.	(b)	.40- .40- .40
1878 Germany	177	(b) F.	(b)	.09- .09- .09
1879 France	499	(b) F.	(b)	.26- .77- —
1880 France	500	(b) F.	(b)	.27- .97- —
1881 Conn	7	7 F.	60-60-60	.23- .67- .47
1881 Canada	471	(b) M.	50-50-50	2.39-2.39-2.39
1881 France	501	(b) F.	(b)	.27- .97- —
1881 Switzerl'd.	173	(b) F.	(b)	.19- .39- —
1882 France	502	(b) F.	(b)	.27- .97- —
1883 Ohio	7	3 F.	48-48-48	.83- .83- .83
1883 France	503	(b) F.	(b)	.28- .77- —
1884 Aust-Hun	178	(b) M.	60-69 —	.33- .67- —
1884 France	178	(b) F.	(b)	.48- .80- —
1884 France	504	(b) F.	(b)	.28- .77- —
1884 Italy	178	(b) F.	(b)	.09½-.14- —
1885 Mass	7	3 M.	60-60-60	2.00-2.50-2.33
1885 Mass	7	7 F.	60-60-60	.83-2.50-1.36
1885 N. J	7	25 F.	60-60-60	.92-1.83-1.20
1885 N. Y	7	26 F.	f59-59-59	.66-1.33- .92
1885 N. Y	330	31 F.	g60-60-60	.83-1.00- .99
1885 Vt	7	1 F.	64-64-64	1.96-1.96-1.96
1885 France	494	(b) F.	(b)	.33- .58- —
1886 Ill	7	4 F.	60-60-60	1.64-2.10-1.81
1886 Mo	3	2 F.	53-60-57	1.25-1.33-1.29
1886 N. J	2	20 (b)	58-60-59	3.00-3.30-3.15
1886 N. J	3	6 F.	49-59-53	.83-1.17-1.01
1886 N. Y	3	4 F.	49-60-56	1.00-1.67-1.42

a Average for 1867–68.
b Not reported.
c Applies to but 1 of the 3 wage quotations.
d Applies to but 9 of the 19 wage quotations.
e Applies to but 2 of the 3 wage quotations.
f Not including hours of 18 persons not reported.
g Not including hours of 30 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EMBROIDERERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Pa	3	4 F.	54-54-54	0.83-1.67-1.13
1886 England	601	(a) F.	(a)	.64- .64- .64
1886 France	495	(a) F.	(a)	.33- .58- —
1887 Conn	202	10 F.	(a)	1.73-1.73-1.73
1887 Ill	3	8 F.	b51-57-54	.75-1.67-1.07
1887 Md	3	2 F.	50-50-50	.17-1.17- .67
1887 Mass	3	5 F.	48-56-51	.58-1.50-1.23
1887 N. Y	3	38 F.	c51-59-54	.54-1.67-1.18
1887 Ohio	3	6 F.	55-57-55	.25- .88- .56
1887 France	495	(a) F.	(a)	.34- .58- —
1887 Switzerl'd	632	(a) (a)	(a)	.29- .97- —
1888 N. J	326	3 F.	d60-60-60	1.14-1.21-1.19
1888 N. Y	331	4 M.	(a)	.83- .83- .83
1888 N. Y	331	31 F.	(a)	1.30-1.67-1.65
1888 N. Y	331	6 (a)	59-59-59	4.00-4.00-4.00
1888 S. C	3	1 F.	60-60-60	.63- .63- .63
1888 Canada	470	(a) F.	50-50-50	1.17-1.17-1.17
1889 Canada	471	(a) F.	50-50-50	.90- .90- .90
1889 China	88	(a) (a)	(a)	.30- .30- .30
1889 Portugal	691	(a) F.	(a)	.04- .65- —
1890 N. Y	333	56 M.	(a)	.67-4.67-1.80
1890 N. Y	333	12 F.	(a)	.83-2.33-1.08
1890 China	105	(a) (a)	(a)	.27- .27- .27
1891 Mich	283	43 F.	(a)	.67- .87- .74
1891 N. Y	333	70 M.	(a)	.83-4.67-1.92
1891 N. Y	333	2 F.	(a)	2.33-2.33-2.33
1891 France	505	(a) M.	(a)	.70- .70- .70
1891 France	505	(a) F.	60-66 —	.43-1.74- —
1891 France	522	(a) F.	(a)	.34- .58- —
1892 Ill	210	17 F.	53-60-58	.85-1.92-1.14
1892 France	505	(a) M.	e66-66-66	.39-1.16- —
1892 France	505	(a) F.	63-66 —	.09½-.39- —
1893 Ill	10	1 F.	60-60-60	1.00-1.00-1.00
1893 N. J	327	10 F.	f49-49-49	.83-1.33-1.28
1893 N. Y	10	6 F.	59-60-60	.58-1.67-1.04
1893 Ohio	374	85 F.	g60-60-60	.67-1.01- .90
1893 Pa	10	3 F.	55-60-57	1.17-1.25-1.22
1893 Aust-Hun	448	(a) F.	66-66-66	.14- .41- —
1893 England	632	(a) F.	(a)	.41- .61- —
1893 France	507	(a) M.	66-78 —	.48-1.16- —
1893 France	507	(a) F.	60-66 —	.35- .52- —
1894 Ohio	375	57 F.	(a)	1.04-1.04-1.04
1895 Conn	7	1 F.	60-60-60	1.17-1.17-1.17
1895 N. J	7	63 F.	55-55-55	.50-1.58-1.05
1895 N. Y	7	36 F.	54-59-56	.68-1.31- .94
1895 Ohio	376	71 F.	(a)	.99- .99- .99
1896 Ill	7	7 F.	54-54-54	1.76-2.34-1.97
1896 Ohio	7	6 F.	48-48-48	.83- .83- .83
1896 Ohio	377	6 M.	60-60-60	1.25-1.25-1.25
1896 Ohio	377	77 F.	h60-60-60	.91-1.17- .92
1896 Pa	7	6 F.	58-60-60	.46-1.22- .77
1896 Vt	7	2 F.	64-64-64	1.39-1.39-1.39
1896 Algeria	505	(a) F.	(a)	.39- .58- —
1896 Algeria	505	(a) F.	(a)	i.04- .06- —
1896 Corsica	505	(a) F.	(a)	.58- .58- .58
1896 Corsica	505	(a) F.	(a)	i.06- .06- .06
1896 France	505	(a) M.	60-60-60	.77- .77- .77
1896 France	505	(a) F.	(a)	.14- .97- —
1896 France	505	(a) F.	(a)	i.01-.09½- —
1896 France	505	(a) F.	(a)	j.35- .35- .35
1896 France	505	(a) F.	(a)	k.22- .27- —
1896 France	505	(a) F.	(a)	l.03½-.03½-.03¼
1896 France	510	(a) M.	60-60-60	1.45-1.64- —
1897 N. J	328	4 F.	(a)	.80- .80- .80
1897 France	511	(a) M.	60-60-60	.48- .48- .48
1897 France	511	(a) F.	60-60-60	.29- .29- .29
1897 Italy	641	(a) F.	(a)	.41- .41- .41
1898 Mich	290	12 F.	(a)	1.12-1.12-1.12
1898 Australia	429	(a) F.	(a)	.81-1.22- —
1898 Aust-Hun	438	(a) (a)	(a)	.87- .97- —
1898 France	512	(a) F.	66-66-66	.36- .36- .36
1898 Germany	151	(a) F.	(a)	.12- .71- —

ENAMELERS, BICYCLES.

1890	N. Y	333	1	M.	(a)	.75- .75- .75	1896	Mich	288	22 (a) M. 60-60-60 1.25-3.00-1.74
1891	N. Y	333	1	M.	(a)	1.00-1.00-1.00	1896	Ohio	377	30 M. 60-60-60 1.40-1.83-1.79
1895	Ohio	376	5	M.	60-60-60	1.50-1.50-1.50				

ENAMELERS, CLAY AND POTTERY PRODUCTS.

(m)	England	561	(a)	F.	(a)	.37- .43- —	1883	England	572	(a)	F.	48-48-48 .49- .78- —
(n)	England	563	(a)	F.	(a)	.37- .43- —	1884	Ohio	366	1	M.	60-60-60 2.50-2.50-2.50
1866	England	566	(a)	F.	40-54 —	.12- .49- —	1884	England	178	(a)	F.	48-48-48 .49- .49- .49
(o)	England	567	(a)	F.	66-66-66	.08- .57- —	1885	N. J	7	6	F.	55-55-55 1.08-1.17-1.13
1871	England	568	(a)	M.	60-60-60	1.95-1.95-1.95	1888	Ind	3	2	F.	54-55-55 .67- .67- .67
1872	England	185	(a)	M.	60-60-60	1.94-1.94-1.94	1891	France	505	(a)	M.	60-60-60 .97-1.54- —
1872	England	185	(a)	F.	60-66 —	.08- .57- —	1891	France	505	(a)	F.	66-66-66 .58- .77- —
1874	England	569	(a)	F.	p48-54 —	.14- .49- —	1892	France	505	(a)	M.	(a) .58- .82- —
1877	England	570	(a)	M.	45-45-45	.81- .81- .81	1894	France	129	(a)	M.	60-60-60 .97-1.54- —
1877	England	570	(a)	F.	q45-45-45	.08- .53- —	1894	France	129	(a)	F.	60-60-60 .70- .70- .70
1880	England	571	(a)	F.	(a)	.43- .43- .43	1895	N. J	7	24	F.	55-55-55 .83-1.25-1.02

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 2 persons not reported.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 3 persons not reported.
g Not including hours of 57 persons not reported.
h Not including hours of 73 persons not reported.
i Per hour.
j And board.
k And lodging.
l Per hour, and board.
m Average for 1855–57.
n Average for 1858–60.
o Average for 1867–68.
p Applies to but 1 of the 5 wage quotations.
q Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENAMELERS, FOUNDRY AND MACHINE SHOP.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 Germany..	185	(a) M.	(a)	0.36-0.72- —	1890 N. Y.....	333	70 M.	(a)	1.73-1.73-1.73
1868 Germany..	610	(a) M.	b72-72-72	.49-1.10- —	1894 Ohio	375	1 M.	60-60-60	1.67-1.67-1.67
1884 Aust-Hun .	178	(a) M.	66-66-66	c .67-1.07- —	1895 Ohio	376	16 M.	d60-60-60	1.37-1.68-1.39
1888 N. Y.....	331	58 M.	58-60-60	1.67-3.00-1.69	1896 Ohio	377	46 M.	e60-60-60	1.68-3.00-2.10

ENAMELERS' HELPERS, JEWELRY.

1888 N. J	326	7 M.	(a)	2.75-2.75-2.75	....	.....	....	....	...	....	....	.....	

ENAMELERS, JEWELRY.

1883 N. J	322	1 M.	(a)	3.50-3.50-3.50	1890 N. Y.....	333	1 M.	(a)	3.33-3.33-3.33
1884 England ..	178	(a) M.	(a)	1.44-2.43- —	1891 N. Y.....	333	1 M.	(a)	3.33-3.33-3.33
1885 Mass	7	3 M.	58-58-58	1.80-2.00-1.93	1894 Ohio	375	1 M.	60-60-60	3.00-3.00-3.00
1885 N. J	7	1 M.	(a)	3.00-3.00-3.00	1894 France....	129	(a) M.	60-60-60	1.93-1.93-1.93
1885 R. I	3	1 F.	(a)	1.42-1.42-1.42	1895 Mass	7	4 M.	58-58-58	1.60-2.50-1.90
1886 N. J	3	3 F.	59-60-59	1.00-1.67-1.39	1895 Mass	7	4 F.	58-58-58	1.00-1.50-1.13
1888 N. J	326	2 M.	(a)	4.00-4.00-4.00	1895 Ohio	376	1 M.	54-54-54	3.00-3.00-3.00
1888 N. J	326	8 F.	(a)	1.25-1.25-1.25	1896 Ohio	377	1 M.	54-54-54	2.67-2.67-2.67
1888 N. Y.....	331	1 M.	47-47-47	.67- .67- .67					

ENAMELERS, LEATHER.

1871 England ..	629	(a)	(a)	(a)	1.30-1.30-1.30	1888 N. J	326	40 M.	f54-54-54	2.50-3.00-2.78
1883 N. J	322	24 M.	60-60-60	1.83-1.83-1.83	1893 Ohio	374	50 M.	60-60-60	2.00-2.00-2.00
1884 N. J	323	44 M.	60-60-60	1.50-2.67-1.72	1894 Ohio	375	49 M.	54-54-54	2.00-2.00-2.00

ENAMELERS, PAPER.

1884 Spain	178	(a) M.	66-66-66	.05- .29- —	1891 N. Y.....	333	3 M.	(a)	.58-1.50- .97
1885 Me	7	39 M.	(a)	.85-2.10-1.31	1894 Ind	228	2 M.	60-60-60	1.90-1.90-1.90
1887 N.Y.....	3	1 F.	60-60-60	1.00-1.00-1.00	1894 Ind	228	2 F.	60-60-60	.60- .70- .65
1890 N. Y.....	333	5 M.	(a)	.58-2.50-1.58	1895 Me	7	52 M.	60-60-60	.85-2.29-1.30

ENAMELERS, TINWARE.

1886 Mo	3	5 F.	59-59-59	.58- .92- .75	1892 France....	505	(a) F.	60-60-60	.29- .53- —
1891 France....	505	(a) F.	66-66-66	.39- .72- —	1896 Aust-Hun .	436	(a) (a)	66-66-66	.61- .81- —

ENCAUSTIC TILE MAKERS.

1892 Ind	227	2 M.	60-60-60	1.50-5.00-3.25	1894 Ind	228	8 (a)	48-48-48	1.43-1.43-1.43
1892 Ind	227	10 F.	60-60-60	.53- .53- .53					

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c And lodging.
d Not including hours of 15 persons not reported.
e Not including hours of 40 persons not reported.
f Not including hours of 38 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

END FOLDERS, WALL PAPER.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. J	7	13 F.	60-60-60	0.58-0.58-0.58
1895 N. J	7	20 F.	60-60-60	0.50-0.50-0.50

END PULLERS, KNIT GOODS.

1891	N. Y	333	12	M.	(a)	.40-1.67- .66

ENGINE CLEANERS.

1870	England	177	(a)	M.	61-61-61	.41- .62- —
1871	Brazil	611	(a)	M.	(a)	.55- .55- .55
1872	England	185	(a)	M.	(a)	.21- .52- —
1873	Scotland	177	(a)	M.	84-84-84	.56- .64- —
1876	Pa	381	43	M.	70-70-70	1.40-1.40-1.40
1876	Germany	177	(a)	M.	(a)	.52- .52- .52
1877	Pa	382	42	M.	70-70-70	1.36-1.36-1.36
1877	Germany	177	(a)	M.	(a)	.44- .52- —
1878	Pa	383	32	M.	70-70-70	1.12-1.12-1.12
1878	England	177	(a)	M.	54-54-54	.41- .62- —
1878	Germany	177	(a)	M.	(a)	.44- .68- —
1878	Scotland	177	(a)	M.	84-84-84	.64- .64- .64
1879	Pa	384	17	M.	70-70-70	1.10-1.10-1.10
1880	Ill	205	49	M.	64-78-71	.93-1.26-1.05
1883	England	43	(a)	(a)	(a)	.52- .52- .52
1883	Wales	43	(a)	(a)	(a)	.42- .73- —
1884	Cal	192	1	M.	70-70-70	.50- .50- .50
1884	Pa	388	696	M.	(a)	1.10-1.10-1.10
1884	Australia	178	(a)	(a)	(a)	1.21-1.58- —
1884	Canada	178	(a)	(a)	(a)	.90-1.00- —
1884	Canada	466	(a)	M.	60-60-60	.95- .95- .95
1884	C. of G'd H.	178	(a)	(a)	(a)	.24-1.46- —
1884	Ceylon	178	(a)	(a)	(a)	.17- .40- —
1884	England	178	(a)	M.	*b* 54-54-54	.21-1.04- —
1884	Germany	178	(a)	M.	(a)	.50- .54- —
1884	Germany	178	(a)	M.	(a)	*c* .41- .50- —
1884	Ireland	178	(a)	M.	(a)	.56- .69- —
1884	Italy	178	(a)	M.	(a)	.38- .44- —
1884	Mexico	178	(a)	(a)	(a)	1.75-2.00- —
1884	Switzerl'd	178	(a)	M.	(a)	.58-1.25- —
1884	Venezuela	178	(a)	(a)	(a)	1.14-1.14-1.14
1884	Wales	178	(a)	M.	(a)	.42- .85- —
1885	Pa	389	802	M.	(a)	1.12-1.12-1.12
1885	Gr't Brit	1	(a)	M.	84-84-84	.60- .60- .60
1887	Md	4	371	M.	*d* 70-70-70	.49-2.25-1.03
1887	Md	4	33	M.	(a)	*e* .13- .14- .13
1887	Mass	4	4	M.	(a)	1.25-1.50-1.38
1887	N. J	4	1	M.	(a)	1.20-1.20-1.20
1887	Ohio	369	48	M.	70-70-70	1.09-1.20-1.13
1887	Pa	4	375	M.	*f* 70-70-70	.50-2.25-1.21
1887	Pa	4	18	M.	(a)	*e* .12½-.13½-.12½
1889	Australia	422	(a)	(a)	55-55-55	1.22-1.70- —
1889	England	5	(a)	M.	56-56-56	.42- .47- —
1890	Australia	423	(a)	(a)	55-55-55	1.22-1.70- —
1890	Netherl'ds	666	(a)	M.	77-77-77	.20- .20- .20
1892	England	632	(a)	M.	84-84-84	.61- .99- —
1893	Ohio	374	25	M.	56-84-63	1.15-1.23-1.21
1894	Australia	425	(a)	(a)	(a)	.97-2.43- —
1895	Australia	426	(a)	(a)	(a)	.97-2.43- —
1896	Ga	15	1	M.	(a)	.90- .90- .90
1896	Md	14	12	M.	70-70-70	1.28-1.43-1.30
1896	Australia	427	(a)	(a)	(a)	.97-2.43- —
1896	Br. Guiana	184	(a)	M.	(a)	.41- .41- .41
1896	Germany	595	(a)	M.	(a)	.59- .59- .59
1897	Australia	418	(a)	(a)	(a)	.97- .97- .97
1897	Australia	428	(a)	(a)	(a)	.61-1.70- —
1897	Germany	595	(a)	M.	(a)	.59- .59- .59
1898	Australia	429	(a)	(a)	(a)	.61-1.70- —

ENGINEERS, LOCOMOTIVE, MINES AND FACTORY YARDS.

1861	England	564	(a)	(a)	(a)	.97- .97- .97
1866	England	566	(a)	M.	72-72-72	.97- .97- .97
(*g*)	England	567	(a)	M.	72-72-72	.61- .97- —
1870	N. J	8	1	M.	60-60-60	3.00-3.00-3.00
1873	England	185	(a)	M.	*h* 48-72 —	*i* 1.21-1.82- —
1874	Pa	380	1	M.	(a)	3.00-3.00-3.00
1874	Wales	185	(a)	M.	(a)	.84-1.78- —
1876	Pa	381	4	M.	(a)	1.25-2.50-2.03
1876	Australia	171	(a)	M.	(a)	1.62-2.84- —
1877	Pa	382	9	M.	*j* 60-60-60	1.30-2.60-1.65
1878	Pa	383	34	M.	*k* 54-84-74	1.35-2.95-1.47
1878	England	178	(a)	M.	*l* 72-72-72	.98-1.00- —
1879	England	576	(a)	M.	72-72-72	.92- .92- .92
1884	Mich	278	11	M.	(a)	1.75-3.25-1.93
1884	N. J	323	1	M.	70-70-70	2.14-2.14-2.14
1884	Aust-Hun.	178	(a)	M.	72-72-72	1.00-1.17- —
1884	Cuba	178	(a)	(a)	(a)	8.04-10.72- —
1884	England	178	(a)	M.	*n* 72-72-72	.96-1.24- —
1884	Scotland	178	(a)	M.	51-51-51	.98-1.23- —
1885	Ohio	1	1	M.	60-60-60	2.50-2.50-2.50
1885	Pa	1	1	M.	60-60-60	3.00-3.00-3.00
1885	W. Va	1	4	M.	60-60-60	1.25-3.25-1.88
1886	England	602	(a)	M.	(a)	1.00-1.08- —
1886	England	604	(a)	M.	(a)	.97-1.16- —
1886	Gr't Brit	602	(a)	M.	(a)	.95- .95- .95
1886	Scotland	602	(a)	M.	(a)	.97-1.01- —
1886	Scotland	604	(a)	M.	(a)	.92- .92- .92
1886	Wales	602	(a)	M.	(a)	1.00-1.00-1.00
1888	N. Y	331	18	M.	60-84-65	2.15-2.25-2.17
1888	Ohio	5	1	M.	60-60-60	2.00-2.00-2.00

a Not reported.
b Applies to but 3 of the 16 wage quotations.
c Including uniform.
d Not including hours of 368 persons not reported.
e Per hour.
f Not including hours of 367 persons not reported.
g Average for 1867-68.
h Applies to but 3 of the 10 wage quotations.
i And rent.
j Not including hours of 8 persons not reported.
k Not including hours of 24 persons not reported.
l Applies to but 1 of the 2 wage quotations.
n Applies to but 1 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, MINES AND FACTORY YARDS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Pa	5	6 M.	60-84-72	1.55-3.00-2.02
1888 Tenn	5	6 M.	(a)	1.50-2.25-1.79
1888 Va	5	3 M.	66-72-70	2.00-2.30-2.10
1888 W. Va	5	3 M.	66-74-71	1.80-1.80-1.80
1888 Germany	5	(a) M.	72-84 —	.52- .76- —
1889 Ala	5	36 M.	60-84-70	1.25-4.00-2.70
1889 Ga	5	3 M.	84-84-84	1.75-2.79-2.10
1889 Ill	5	7 M.	60-72-65	1.75-3.25-2.60
1889 Md	5	2 M.	60-72-66	1.92-2.40-2.16
1889 Mich	5	1 M.	60-60-60	2.00-2.00-2.00
1889 Mo	5	1 M.	(a)	2.50-2.50-2.50
1889 N. Y	5	40 M.	b60-72-71	1.85-2.15-2.14
1889 Ohio	5	22 M.	c60-84-69	1.60-3.00-2.05
1889 Pa	5	42 M.	d48-84-69	1.60-3.27-2.29
1889 Tenn	5	19 M.	e70-84-78	1.50-2.40-1.86
1889 Va	5	9 M.	72-84-75	2.03-2.50-2.40
1889 W. Va	5	19 M.	d60-84-68	1.50-2.39-2.00
1889 Belgium	5	(a) M.	f60-98 —	.66- .75- —
1889 Canada	5	(a) M.	60-60-60	1.50-2.00- —
1889 England	5	(a) M.	54-84 —	.97-1.52- —
1889 France	5	(a) M.	(a)	.95- .95- .95
1889 Germany	5	(a) M.	(a)	.59- .62- —
1890 Ala	5	7 M.	60-84-81	1.50-3.00-2.79
1890 N. Y	333	2 M.	(a)	2.00-2.68-2.34
1890 Ohio	5	2 M.	60-60-60	1.95-1.95-1.95
1890 England	5	(a) M.	(a)	.42-1.37- —
1890 England	180	(a) M.	54-54-54	1.09-1.09-1.09
1890 England	576	(a) M.	66-66-66	1.25-1.40- —
1891 Minn	191	4 M.	(a)	g2.11-3.83-2.54
1891 Mo	300	1 M.	(a)	2.92-2.92-2.92
1891 N. Y	333	3 M.	(a)	2.00-3.46-2.71
1891 S. C	9	11 M.	h60-60-60	1.46-2.40-1.95
1891 England	632	(a) M.	(a)	1.34-1.34-1.34
1891 Wales	577	(a) M.	54-72 —	.97-1.03- —
1892 Conn	20	3 M.	60-60-60	1.40-3.46-2.50
1892 Fla	9	2 M.	60-60-60	1.15-1.50-1.33
1892 Minn	191	4 M.	(a)	g2.11-3.83-2.54
1892 Ohio	373	2 (a)	60-60-60	2.00-2.00-2.00
1892 S. C	9	10 M.	b60-60-60	1.50-2.30-1.68
1892 Australia	114	(a) M.	(a)	2.43-2.92- —
1892 England	632	(a) M.	72-72-72	.91-1.10- —
1893 Conn	20	3 M.	60-60-60	2.25-3.46-2.79
1893 Minn	191	4 M.	(a)	g2.11-3.83-2.54
1893 Ohio	374	1 M.	60-60-60	1.50-1.50-1.50
1893 Wis	412	1 M.	(a)	2.75-2.75-2.75
1894 Conn	20	3 M.	60-60-60	1.30-2.25-1.92
1894 Minn	191	4 M.	(a)	g2.11-3.26-2.40
1895 Conn	20	3 M.	45-60-55	2.21-2.25-2.22
1895 Me	7	1 M.	60-60-60	2.00-2.00-2.00
1895 Minn	191	5 M.	(a)	g2.11-3.26-2.34
1895 N. C	8	3 M.	60-60-60	.69-1.00- .90
1896 Ga	8	3 M.	66-66-66	2.75-2.75-2.75
1896 Minn	191	5 M.	(a)	g2.11-3.26-2.34
1896 N. J	8	2 M.	60-60-60	3.25-3.25-3.25
1896 Pa	394	1 M.	60-60-60	1.33-1.33-1.33
1896 England	586	(a) M.	(a)	1.16-1.22- —
1897 Ohio	377	5 (a)	(a)	1.80-1.80-1.80
1898 Pa	18	11 M.	(a)	1.70-2.35-2.16
1898 Australia	429	(a) (a)	i48-48-48	2.19-2.68- —
1899 Ala	18	12 M.	84-84-84	2.50-3.30-3.00
1899 Pa	18	11 M.	(a)	1.90-2.65-2.43

ENGINEERS, LOCOMOTIVE, RAILROAD.

1840	Mass	190	15	M.	70-70-70	1.97-1.97-1.97	1867	Mass	190	80	M.	70-70-70	2.96-3.07-2.98
1841	Mass	190	13	M.	70-70-70	1.97-1.97-1.97	1868	Mass	190	42	M.	70-70-70	2.96-3.07-3.00
1842	Mass	190	20	M.	70-70-70	1.97-1.97-1.97	1868	Belgium	610	(a) (a)		84-84-84	.97- .97- .97
1843	Mass	190	23	M.	70-70-70	1.97-1.97-1.97	1869	Mass	190	47	M.	70-70-70	3.29-3.45-3.31
1844	Mass	190	26	M.	70-70-70	1.97-1.97-1.97	1869	Peru	609	(a) (a)		(a)	2.56-4.38- —
1845	Mass	190	20	M.	70-70-70	1.97-1.97-1.97	1870	Cal	16	5	M.	(a)	4.11-4.11-4.11
1846	Mass	190	30	M.	70-70-70	1.97-1.97-1.97	1870	Ill	16	57	M.	(a)	j.35-.37-.36½
1847	Mass	190	31	M.	70-70-70	1.97-1.97-1.97	1870	La	16	5	M.	(a)	3.78-3.78-3.78
1848	Mass	190	34	M.	70-70-70	1.97-1.97-1.97	1870	Mass	16	33	M.	(a)	3.29-3.29-3.29
1849	Mass	190	35	M.	70-70-70	1.97-2.00-1.98	1870	Mass	190	80	M.	70-70-70	3.29-4.22-3.38
1850	Mass	190	29	M.	70-70-70	1.97-2.00-1.98	1870	Ohio	16	14	M.	60-60-60	2.30-2.79-2.62
1850	Germany	76	(a)	M.	(a)	.59- .78- —	1870	Pa	16	38	M.	(a)	3.00-4.88-3.47
1851	Mass	190	34	M.	70-70-70	1.97-2.00-1.98	1870	Va	16	7	M.	(a)	2.96-3.12-3.03
1852	Mass	190	54	M.	70-70-70	1.97-2.00-1.98	1870	Egypt	610	(a) (a)		(a)	1.28-1.60- —
1853	Mass	190	49	M.	70-70-70	2.00-2.00-2.00	1870	Egypt	610	(a) (a)		(a)	k2.88-4.00- —
1854	Mass	190	45	M.	70-70-70	2.14-2.49-2.26	1870	England	177	(a) M.		72-72-72	1.03-1.44- —
1855	Mass	190	43	M.	70-70-70	2.14-2.49-2.23	1870	Norway	610	(a) M.		(a)	1.24-1.60- —
1856	Mass	190	46	M.	70-70-70	2.14-2.49-2.23	1870	Turk. in A.	610	(a) M.		(a)	2.88-3.20- —
1857	Mass	190	47	M.	70-70-70	2.14-2.30-2.18	1871	Cal	16	18	M.	(a)	3.85-4.01-3.95
1858	Mass	190	44	M.	70-70-70	2.14-2.30-2.18	1871	Ill	16	58	M.	(a)	j.35- .37-.36½
1859	Mass	190	56	M.	70-70-70	1.97-2.30-2.10	1871	La	16	5	M.	(a)	3.78-3.78-3.78
1860	Mass	190	41	M.	70-70-70	1.97-2.30-2.03	1871	Mass	16	33	M.	(a)	3.29-3.29-3.29
1860	Germany	76	(a)	M.	(a)	.59- .98- —	1871	Mass	190	78	M.	70-70-70	3.29-4.22-3.38
1861	Mass	190	46	M.	70-70-70	1.97-2.30-2.10	1871	Ohio	16	12	M.	60-60-60	2.47-2.79-2.74
1862	Mass	190	40	M.	70-70-70	1.97-2.30-2.05	1871	Pa	16	34	M.	(a)	3.00-5.04-3.66
1863	Mass	190	47	M.	70-70-70	2.14-2.30-2.19	1871	Va	16	7	M.	(a)	2.96-3.12-3.03
1864	Mass	190	46	M.	70-70-70	2.14-2.30-2.18	1871	Brazil	611	(a) M.		(a)	2.56-3.28- —
1865	Mass	190	56	M.	70-70-70	2.63-2.88-2.73	1871	Germany	611	(a) M.		(a)	.80-1.60- —
1866	Mass	190	48	M.	70-70-70	2.63-2.88-2.69	1871	Netherl'ds	611	(a) M.		(l)	.55- .55- .55

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 9 persons not reported.
e Not including hours of 3 persons not reported.
f Applies to but 4 of the 5 wage quotations.
g And board.
h Not including hours of 1 person not reported.
i Applies to but 1 of the 2 wage quotations.
j Per hour.
k And lodging.
l 105-105-105 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1871 Peru	165	(a) (a)	(a)	4.54-4.54-4.54
1872 Cal.	16	21 M.	(a)	3.85-4.01-3.93
1872 Ill.	16	71 M.	(a)	b .35- .37-.36½
1872 La	16	5 M.	(a)	3.78-3.78-3.78
1872 Mass	16	41 M.	(a)	3.29-3.29-3.29
1872 Mass	190	60 M.	70-70-70	3.29-4.22-3.47
1872 Ohio	16	10 M.	60-60-60	3.22-3.22-3.22
1872 Pa	16	40 M.	(a)	3.00-5.50-3.89
1872 Va	16	7 M.	(a)	2.96-3.12-3.03
1872 Germany	76	(a) M.	(a)	.78-1.08- —
1873 Cal.	16	26 M.	(a)	3.85-4.01-3.94
1873 Ill.	16	29 M.	(a)	b .37- .37- .37
1873 La	16	5 M.	(a)	3.78-3.78-3.78
1873 Mass	16	48 M.	(a)	3.29-3.29-3.29
1873 Mass	190	50 M.	70-70-70	3.29-3.45-3.32
1873 Minn	16	4 M.	(a)	c.03½-.03½-.03½
1873 Ohio	16	14 M.	60-60-60	3.58-3.58-3.58
1873 Pa	16	32 M.	(a)	3.09-5.50-4.10
1873 Va	16	7 M.	(a)	2.96-3.12-3.03
1873 Scotland	177	(a) M.	84-84-84	1.08-1.68- —
1874 Cal.	16	28 M.	(a)	3.85-4.01-3.95
1874 Ill.	16	55 M.	(a)	b .35- .37- .36
1874 Ill.	185	446 M.	(a)	1.64-3.78-2.88
1874 Ind	185	66 M.	(a)	2.96-3.33-2.98
1874 Iowa	185	14 M.	(a)	2.86-2.86-2.86
1874 La	16	5 M.	(a)	3.78-3.78-3.78
1874 Mass	16	44 M.	(a)	2.96-2.96-2.96
1874 Mass	190	52 M.	70-70-70	3.29-3.45-3.33
1874 Minn	16	4 M.	(a)	c.03½-.03½-.03½
1874 Ohio	16	18 M.	60-60-60	3.58-3.58-3.58
1874 Ohio	185	467 (a)	(a)	2.80-2.80-2.80
1874 Pa	16	43 M.	(a)	2.70-4.95-3.57
1874 Pa	380	64 M.	(a)	2.57-2.57-2.57
1874 Va	16	7 M.	(a)	2.96-3.12-3.03
1874 Scotland	177	(a) M.	60-60-60	1.21-1.43- —
1875 Cal.	16	26 M.	(a)	3.85-4.01-3.95
1875 Ill.	16	83 M.	(a)	b .32½-.37-.35½
1875 La	16	5 M.	(a)	3.78-3.78-3.78
1875 Mass	16	39 M.	(a)	2.96-2.96-2.96
1875 Mass	190	54 M.	70-70-70	3.29-3.45-3.33
1875 Minn	16	4 M.	(a)	c.03½-.03½-.03½
1875 Ohio	16	18 M.	60-60-60	3.34-3.34-3.34
1875 Pa	16	43 M.	(a)	3.00-4.95-3.73
1875 Pa	380	1113 M.	(a)	1.00-6.85-3.01
1875 Va	16	7 M.	(a)	2.96-3.12-3.03
1875 Argentina	169	(a) M.	(a)	2.63-2.63-2.63
1875 Scotland	177	(a) M.	60-60-60	1.21-1.43- —
1876 Cal.	16	26 M.	(a)	3.85-4.01-3.95
1876 Ill.	16	53 M.	(a)	b .37- .37- .37
1876 La	16	5 M.	(a)	3.78-3.78-3.78
1876 Mass	16	38 M.	(a)	2.96-2.96-2.96
1876 Mass	190	53 M.	70-70-70	3.29-3.45-3.31
1876 Minn	16	4 M.	(a)	c.03½-.03½-.03½
1876 Ohio	16	16 M.	60-60-60	3.45-3.45-3.45
1876 Pa	16	41 M.	(a)	3.00-5.25-3.88
1876 Pa	381	1158 M.	d56-91-67	1.50-5.45-3.15
1876 Va	16	7 M.	(a)	2.96-3.12-3.03
1876 Scotland	177	(a) M.	60-60-60	1.21-1.43- —
1877 Cal.	16	26 M.	(a)	3.85-4.01-3.95
1877 Ill.	16	61 M.	(a)	b .32½-.37-.35½
1877 La	16	5 M.	(a)	3.78-3.78-3.78
1877 Mass	16	39 M.	(a)	3.29-3.29-3.29
1877 Mass	190	60 M.	70-70-70	2.96-3.36-3.04
1877 Minn	16	6 M.	(a)	c.03½-.03½-.03½
1877 N. J	317	105 M.	e75-75-75	2.63-2.96-2.95
1877 Ohio	16	16 M.	60-60-60	3.45-3.45-3.45
1877 Pa	16	40 M.	(a)	3.00-5.25-3.88
1877 Pa	382	442 M.	f56-84-68	1.81-5.45-3.39
1877 Va	16	7 M.	(a)	2.96-3.12-3.03
1877 Scotland	177	(a) M.	60-60-60	1.21-1.43- —
1878 Cal.	16	29 M.	(a)	3.85-4.01-3.93
1878 Ill.	16	55 M.	(a)	b .32½-.37-.35½
1878 La	16	5 M.	(a)	3.78-3.78-3.78
1878 Mass	16	37 M.	(a)	3.29-3.29-3.29
1878 Mass	190	60 M.	70-70-70	2.96-3.36-3.04
1878 Minn	16	6 M.	(a)	c.03½-.03½-.03½
1878 Ohio	16	16 M.	60-60-60	3.45-3.45-3.45
1878 Ohio	360	1 M.	55-55-55	3.00-3.00-3.00
1878 Pa	16	39 M.	(a)	2.45-4.45-3.44
1878 Pa	383	311 M.	g56-84-69	1.32-3.60-3.08
1878 Va	16	7 M.	(a)	2.96-3.12-3.03
1878 Canada	177	(a) M.	(a)	1.50-2.86- —
1878 England	177	(a) M.	h 60-84 —	1.13-1.87- —
1878 France	177	(a) M.	(a)	1.11-1.64- —
1878 Germany	177	(a) M.	(a)	1.19-1.47- —
1878 Ireland	177	(a) M.	(a)	1.21-1.70- —
1878 Italy	177	(a) M.	(a)	.99-1.78- —
1878 Scotland	177	(a) M.	i 60-84 —	1.20-1.68- —
1878 Scotland	177	(a) M.	(a)	b .10- .14- —
1879 Cal.	16	30 M.	(a)	3.85-4.01-3.92
1879 Ill.	16	22 M.	(a)	b .37- .37- .37
1879 La	16	5 M.	(a)	3.78-3.78-3.78
1879 Mass	16	36 M.	(a)	3.29-3.29-3.29
1879 Mass	190	76 M.	70-70-70	2.96-3.36-3.02
1879 Minn	16	6 M.	(a)	c.03½-.03½-.03½
1879 Mo	293	50 M.	(j)	2.43-4.29-3.21
1879 N. J	318	1 (a)	72-72-72	3.25-3.25-3.25
1879 Ohio	16	20 M.	60-60-60	3.45-3.45-3.45
1879 Pa	16	35 M.	(a)	2.83-4.45-3.41
1879 Pa	384	676 M.	k77-91-84	.82-4.60-2.86
1879 Va	16	7 M.	(a)	2.96-3.12-3.03
1880 Cal.	16	26 M.	(a)	3.85-4.01-3.92
1880 Ill	16	20 M.	(a)	b .37- .37- .37
1880 Ill	205	319 M.	l70-70-70	2.75-3.59-3.22
1880 La	16	5 M.	(a)	3.78-3.78-3.78
1880 Mass	16	40 M.	(a)	3.29-3.29-3.29
1880 Mass	190	49 M.	70-70-70	3.29-3.45-3.31
1880 Minn	16	6 M.	(a)	c.03½-.03½-.03½
1880 N. J	319	2 (a)	78-84-81	2.00-2.50-2.25
1880 Ohio	16	20 M.	60-60-60	3.45-3.45-3.45
1880 Pa	16	50 M.	(a)	3.15-4.90-3.73
1880 Va	16	7 M.	(a)	2.96-3.12-3.03
1880 Switzerl'd.	21	(a) (a)	(a)	1.83-1.83-1.83
1881 Cal.	16	30 M.	(a)	3.85-4.01-3.91
1881 Ill	16	25 M.	(a)	b .37- .37- .37
1881 Ind	220	1842 M.	(a)	2.04-5.00-3.76
1881 La	16	5 M.	(a)	3.78-3.78-3.78
1881 Mass	16	41 M.	(a)	3.29-3.29-3.29
1881 Mass	190	51 M.	70-70-70	3.29-3.45-3.32
1881 Minn	16	8 M.	(a)	c.03½-.03½-.03½
1881 Ohio	16	22 M.	60-60-60	3.45-3.45-3.45
1881 Ohio	363	3 M.	n 60-66-63	1.93-2.79-2.38
1881 Pa	16	25 M.	(a)	3.15-4.90-3.88
1881 Va	16	7 M.	(a)	2.96-3.12-3.03
1881 Australia	431	(a) (a)	(a)	b.19½-.20½- —
1882 Cal.	16	38 M.	(a)	3.85-4.01-3.89
1882 Ill	16	31 M.	(a)	b .37- .37- .37
1882 Ill	206	1992 M.	(a)	1.97-4.27-2.46
1882 Ind	221	1666 M.	(a)	2.04-4.20-3.57
1882 La	16	5 M.	(a)	3.78-3.78-3.78

a Not reported.
b Per hour.
c Per mile.
d Not including hours of 876 persons not reported.
e Not including hours of 104 persons not reported.
f Not including hours of 180 persons not reported.
g Not including hours of 93 persons not reported.
h Applies to but 4 of the 7 wage quotations.
i Applies to but 8 of the 9 wage quotations.
j 56-100-65 hours; not including hours of 2 persons not reported.
k Not including hours of 673 persons not reported.
l Not including hours of 316 persons not reported.
n Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1882 Mass	16	24 M.	(a)	3.29-3.29-3.29
1882 Mass	190	53 M.	70-70-70	3.29-3.45-3.31
1882 Minn	16	8 M.	(a)	b.03½-.03½-.03½
1882 Ohio	16	20 M.	60-60-60	3.57-3.57-3.57
1882 Pa	16	17 M.	(a)	2.45-4.00-3.57
1882 Pa	387	3 M.	70-84-79	2.00-3.00-2.60
1882 Va	16	7 M.	(a)	2.96-3.12-3.03
1882 England	31	(a) (a)	(a)	1.37-1.87- —
1882 France	632	(a) M.	(a)	1.76-1.96- —
1883 Cal	16	42 M.	(a)	3.85-4.01-3.91
1883 Ill	16	25 M.	(a)	c.37- .37- .37
1883 Ind	222	3498 M.	(a)	2.63-4.25-3.32
1883 La	16	5 M.	(a)	3.78-3.78-3.78
1883 Mass	16	27 M.	(a)	3.29-3.29-3.29
1883 Mass	190	62 M.	70-70-70	3.29-3.45-3.33
1883 Mich	277	60 M.	(a)	1.48-4.93-2.72
1883 Minn	16	10 M.	(a)	b.03½-.03½-.03¾
1883 Ohio	16	16 M.	60-60-60	3.45-3.45-3.45
1883 Ohio	365	3 M.	60-72-68	2.14-3.00-2.57
1883 Pa	16	26 M.	(a)	3.15-4.00-3.59
1883 Va	16	7 M.	(a)	2.96-3.12-3.03
1883 Colombia	42	(a) (a)	(a)	2.63-4.93- —
1883 England	43	(a) (a)	(a)	1.22-1.71- —
1883 Wales	43	(a) (a)	(a)	d1.04-1.56- —
1884 Cal	16	52 M.	(a)	3.85-4.01-3.92
1884 Ill	16	35 M.	(a)	c.37- .37- .37
1884 Ind	223	2807 M.	(a)	2.17-4.00-3.14
1884 Iowa	231	967 M.	e49-77-70	3.00-3.88-3.39
1884 La	16	5 M.	(a)	3.78-3.78-3.78
1884 Mass	16	27 M.	(a)	3.29-3.29-3.29
1884 Mass	190	79 M.	70-70-70	2.96-3.45-3.25
1884 Mich	278	22 M.	(a)	.99-3.29-2.59
1884 Minn	16	10 M.	(a)	b.037-.037-.037
1884 N. J	323	31 M.	f70-84-77	2.37-3.29-2.51
1884 N. Y	16	58 M.	(a)	2.50-3.50-3.32
1884 Ohio	16	18 M.	60-60-60	3.45-3.45-3.45
1884 Pa	16	24 M.	(a)	3.15-4.00-3.65
1884 Pa	388	3214 M.	(a)	1.56-2.81-2.29
1884 Va	16	7 M.	(a)	2.96-3.12-3.03
1884 Wis	407	171 M.	(a)	3.81-3.81-3.81
1884 Australia	178	(a) (a)	(a)	2.67-3.65- —
1884 Aust-Hun	178	(a) M.	(a)	.50- .88- —
1884 Aust-Hun	178	(a) M.	(a)	g.55- .88- —
1884 Aust-Hun	178	(a) M.	(a)	h.55- .93- —
1884 Belgium	178	(a) M.	(a)	.86-1.47- —
1884 Brazil	178	(a) M.	(a)	1.24-3.69- —
1884 Br. Guiana	178	(a) M.	(a)	1.43-2.14- —
1884 Canada	178	(a) M.	(a)	1.32-4.27- —
1884 Canada	466	(a) M.	66-75 —	2.62-3.28- —
1884 C. of G'd H.	178	(a) (a)	(a)	1.70-2.43- —
1884 Ceylon	178	(a) (a)	(a)	.99-2.63- —
1884 Colombia	178	(a) (a)	(a)	1.59-1.59-1.59
1884 Cuba	178	(a) M.	59-59-59	3.68-4.17- —
1884 Ecuador	178	(a) M.	(a)	3.29-3.29-3.29
1884 England	178	(a) M.	i54-84 —	1.04-3.43- —
1884 France	178	(a) M.	(a)	.95-1.71- —
1884 Germany	178	(a) M.	j69-84 —	.49-2.70- —
1884 Hawai. Is	178	(a) M.	(a)	3.29-3.29-3.29
1884 Ireland	178	(a) M.	(a)	.83-2.09- —
1884 Italy	178	(a) M.	(a)	.63-2.22- —
1884 Malta	178	(a) M.	(a)	1.01-1.21- —
1884 Mexico	178	(a) (a)	(a)	5.00-6.00- —
1884 Netherl'ds	178	(a) M.	(a)	.94-1.50- —
1884 N. Zealand	178	(a) (a)	(a)	1.59-2.46- —
1884 Peru	178	(a) M.	(a)	2.71-4.06- —
1884 Russia	178	(a) M.	(a)	.68-3.53- —
1884 Scotland	178	(a) M.	60-84 —	1.19-1.70- —
1884 Spain	178	(a) M.	k70-84 —	.99-2.14- —
1884 Switzerl'd.	178	(a) M.	(a)	.82-2.12- —
1884 Tunis	178	(a) M.	(a)	1.09-1.21- —
1884 Turk. in A.	178	(a) (a)	(a)	1.02-2.04- —
1884 Venezuela	178	(a) (a)	(a)	2.47-6.58- —
1884 Wales	178	(a) M.	(a)	1.01-1.82- —
1885 Cal	16	62 M.	(a)	3.85-4.01-3.92
1885 Ill	16	39 M.	(a)	c.37- .37- .37
1885 Ind	224	3649 M.	(a)	2.50-4.00-3.14
1885 Iowa	231	1107 M.	39-77-68	2.50-4.00-3.56
1885 Iowa	231	56 M.	(a)	(l)
1885 Kans	239	388 M.	n56-84-76	2.58-3.92-3.52
1885 La	16	5 M.	(a)	3.78-3.78-3.78
1885 Mass	16	25 M.	(a)	3.29-3.29-3.29
1885 Mass	190	93 M.	70-70-70	2.96-3.45-3.22
1885 Mich	279	864 M.	(a)	2.00-5.60-3.17
1885 Minn	16	10 M.	(a)	b.037-.037-.037
1885 Mo	296	74 M.	(a)	3.56-5.04-4.41
1885 N. J	324	30 M.	(a)	1.97-2.63-2.30
1885 N. Y	16	57 M.	(a)	3.00-3.50-3.41
1885 Ohio	16	20 M.	60-60-60	3.68-3.68-3.68
1885 Pa	16	19 M.	(a)	3.15-4.00-3.66
1885 Pa	389	4040 M.	(a)	2.40-2.76-2.60
1885 Va	16	7 M.	(a)	2.96-3.12-3.03
1885 Australia	431	(a) (a)	(a)	c.18½-.32½- —
1885 Canada	467	(a) M.	61-61-61	2.58-2.91- —
1885 Canada	482	(a) (a)	(a)	1.18-3.50- —
1885 N. Zealand	68	(a) M.	(a)	1.04-3.65- —
1886 Cal	16	68 M.	(a)	3.85-4.01-3.92
1886 Ill	16	42 M.	(a)	c.37- .37- .37
1886 Ind	224	3829 M.	(a)	2.37-4.50-2.91
1886 Iowa	232	1041 M.	(o)	.75-5.50-3.48
1886 Kans	240	627 M.	p42-98-73	3.00-4.80-3.62
1886 La	16	5 M.	(a)	3.78-3.78-3.78
1886 Mass	16	25 M.	(a)	3.29-3.29-3.29
1886 Mass	190	93 M.	70-70-70	3.29-3.45-3.33
1886 Minn	16	10 M.	(a)	b.04- .04- .04
1886 N. J	325	33 M.	(a)	1.97-2.63-2.34
1886 N. Y	16	64 M.	(a)	2.50-3.50-3.40
1886 Ohio	16	18 M.	60-60-60	3.68-3.68-3.68
1886 Ohio	368	4 M.	(a)	2.16-3.50-2.68
1886 Pa	16	28 M.	(a)	3.15-4.00-3.60
1886 Va	16	7 M.	(a)	2.96-3.12-3.03
1886 Argentina	57	(a) M.	(a)	1.97-2.63- —
1886 Argentina	57	(a) M.	(a)	q2.63-3.29- —
1886 Canada	461	(a) M.	70-70-70	1.18-5.00- —
1886 Canada	468	(a) M.	63-63-63	2.61-2.95- —
1886 Germany	76	(a) M.	(a)	.78-1.17- —
1887 Cal	16	67 M.	(a)	3.85-4.01-3.92
1887 Conn	4	198 M.	(a)	1.64-4.00-2.86
1887 Del	4	43 M.	(a)	2.25-3.78-2.87
1887 Fla	4	98 M.	(a)	1.32-3.70-2.79
1887 Ill	16	30 M.	(a)	c.37- .37- .37
1887 Ill	298	161 (a)	(a)	4.68-4.68-4.68
1887 Kans	241	767 M.	r53-84-67	3.00-4.81-3.71
1887 La	16	5 M.	(a)	3.78-3.78-3.78
1887 Me	4	1 M.	(a)	1.97-1.97-1.97
1887 Md	4	1115 M.	(a)	1.32-5.50-3.07
1887 Mass	4	476 M.	(a)	1.75-4.25-3.42

a Not reported.
b Per mile.
c Per hour.
d And clothing.
e Not including hours of 342 persons not reported.
f Not including hours of 27 persons not reported.
g And lodging.
h And rent.
i Applies to but 7 of the 29 wage quotations.
j Applies to but 6 of the 44 wage quotations.
k Applies to but 3 of the 9 wage quotations.
l $0.0312-.0312-.0312 per mile.
n Not including hours of 47 persons not reported.
o 35-112-60 hours; not including hours of 370 persons not reported.
p Not including hours of 382 persons not reported.
q And premiums.
r Not including hours of 254 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Mass	16	28	M.	(a)	3.29-3.29-3.29
1887 Mass	190	105	M.	70-70-70	3.45-3.84-3.76
1887 Mich	4	33	M.	70-70-70	2.10-3.50-2.54
1887 Minn	16	10	M.	(a)	b .04- .04- .04
1887 Mo	4	556	M.	(a)	1.75-4.93-3.52
1887 Mo	298	442	(a)	(a)	2.08-3.56-3.44
1887 Nebr	312	561	(a)	c60-60-60	2.25-5.50-3.67
1887 Nebr	312	6	(a)	(a)	b.03½-.04-.0367
1887 N. H	4	4	M.	(a)	2.25-2.50-2.38
1887 N. J	4	161	M.	(a)	1.97-3.50-3.39
1887 N. Y	4	454	M.	(a)	1.50-5.75-3.30
1887 N. Y	16	72	M.	(a)	2.50-3.50-3.32
1887 N. C	4	2	M.	(a)	1.25-1.25-1.25
1887 N. C	342	143	M.	d70-84-71	1.25-3.84-3.10
1887 Ohio	16	18	M.	60-60-60	3.68-3.68-3.68
1887 Pa	4	743	M.	(a)	1.30-5.75-2.84
1887 Pa	4	30	M.	(a)	e .23- .29- .27
1887 Pa	16	23	M.	(a)	3.15-4.00-3.59
1887 R. I	4	41	M.	(a)	1.64-6.58-2.84
1887 Va	4	13	M.	(a)	1.25-3.50-2.38
1887 Va	16	7	M.	(a)	2.96-3.12-3.03
1887 W. Va	4	14	M.	(a)	2.50-3.00-2.93
1887 Wis	4	36	M.	(a)	2.25-3.00-2.78
1887 Australia	420	(a)	(a)	(a)	2.68-3.41- —
1887 Canada	469	(a)	M.	61-61-61	2.16-2.36- —
1888 Cal	16	66	M.	(a)	3.85-4.01-3.92
1888 Colo	198	339	M.	(a)	3.85-4.51-4.26
1888 Ill	16	34	M.	(a)	e .37- .37- .37
1888 Ill	206	8	M.	(a)	2.43-2.43-2.43
1888 Ind	225	2370	M.	f56-84-81	2.24-4.93-3.29
1888 Iowa	233	1414	M.	g42-95-66	2.16-5.21-3.64
1888 Kans	242	898	M.	h63-98-71	2.54-4.95-3.75
1888 Kans	243	4	M.	(a)	3.38-3.38-3.38
1888 La	16	5	M.	(a)	3.78-3.78-3.78
1888 Mass	16	29	M.	(a)	3.29-3.29-3.29
1888 Mass	190	96	M.	70-70-70	3.45-3.84-3.79
1888 Minn	16	10	M.	(a)	b .04- .04- .04
1888 Mo	298	613	(a)	(a)	2.50-4.38-3.79
1888 N. J	326	2	(a)	84-84-84	2.79-3.80-3.30
1888 N. Y	16	69	M.	(a)	2.50-3.50-3.39
1888 N. Y	16	1030	M.	(a)	b.03½-.03½-.03¾
1888 Ohio	16	18	M.	60-60-60	3.68-3.68-3.68
1888 Pa	16	654	M.	(a)	3.15-4.20-3.27
1888 Va	16	8	M.	(a)	3.78-3.78-3.78
1888 Australia	421	(a)	M.	(a)	2.68-3.41- —
1888 Australia	432	(a)	M.	(a)	3.16-3.65- —
1888 Canada	470	(a)	M.	71-71-71	2.52-2.52-2.52
1889 Cal	16	63	M.	(a)	3.85-4.01-3.93
1889 Ill	16	41	M.	(a)	e .37- .37- .37
1889 Ind	226	3051	M.	i56-84-81	2.00-5.07-3.41
1889 Iowa	233	1951	M.	j42-98-60	2.25-5.25-3.61
1889 Kans	243	1159	M.	k42-84-70	2.33-8.86-3.87
1889 La	16	5	M.	(a)	3.78-3.78-3.78
1889 Mass	16	31	M.	(a)	3.29-3.29-3.29
1889 Mass	190	95	M.	70-70-70	3.45-3.84-3.79
1889 Minn	16	10	M.	(a)	b .04- .04- .04
1889 N. Y	16	180	M.	(a)	2.50-3.53-3.46
1889 N. Y	16	1066	M.	(a)	b.03½-.03¾-.03½
1889 Ohio	16	25	M.	60-60-60	3.80-3.80-3.80
1889 Pa	16	675	M.	(a)	3.00-4.20-3.06
1889 Va	16	8	M.	(a)	3.78-3.78-3.78
1889 Australia	422	(a)	(a)	55-55-55	2.68-3.65- —
1889 Canada	471	(a)	M.	76-78 —	2.68-2.95- —
1890 Cal	16	66	M.	(a)	3.85-4.01-3.93
1890 Ill	16	43	M.	(a)	e .37-.38½-.37½
1890 Ind	226	3455	M.	l63-84-77	1.75-5.50-3.66
1890 Iowa	234	965	M.	(a)	1.64-4.79-3.62
1890 La	16	5	M.	(a)	3.78-3.78-3.78
1890 Mass	16	33	M.	(a)	3.29-3.29-3.29
1890 Mass	190	106	M.	70-70-70	3.45-4.00-3.79
1890 Minn	16	10	M.	(a)	b .04- .04- .04
1890 N. Y	16	450	M.	(a)	2.50-3.79-3.52
1890 N. Y	16	1106	M.	(a)	b.03¼-.03½-.03⅛
1890 Ohio	16	24	M.	60-60-60	3.80-3.80-3.80
1890 Ohio	371	1456	(a)	n42-84-69	2.24-4.20-3.50
1890 Pa	16	711	M.	(a)	3.00-5.00-3.08
1890 Va	16	8	M.	(a)	3.78-3.78-3.78
1890 Australia	423	(a)	(a)	55-55-55	2.68-3.65- —
1890 Netherl'ds	666	(a)	M.	72-88 —	.80- .88- —
1890 Netherl'ds	666	(a)	M.	81-121 —	o .80-1.01- —
1890 Spain	632	(a)	M.	(a)	1.78-1.78-1.78
1891 Cal	16	93	M.	(a)	3.85-4.01-3.94
1891 Ill	16	54	M.	(a)	e .37- .43- .39
1891 Ind	227	3966	M.	p56-84-75	1.75-5.50-3.73
1891 Kans	245	103	M.	35-103-70	3.50-9.00-5.36
1891 La	16	5	M.	(a)	4.29-4.29-4.29
1891 Me	257	680	M.	q70-70-70	1.69-3.50-3.05
1891 Mass	16	36	M.	(a)	3.29-3.29-3.29
1891 Mass	190	113	M.	70-70-70	3.45-4.00-3.77
1891 Minn	16	12	M.	(a)	b .04- .04- .04
1891 N. Y	16	468	M.	(a)	2.50-3.78-3.45
1891 N. Y	16	1272	M.	(a)	b.03½-.03¾-.03⅛
1891 N. C	346	1	M.	70-70-70	3.00-3.00-3.00
1891 N. C	354	286	(a)	(a)	1.53-4.17-3.38
1891 Ohio	16	15	M.	60-60-60	3.80-3.80-3.80
1891 Pa	16	775	M.	(a)	3.00-5.00-3.07
1891 Va	16	8	M.	(a)	3.88-3.88-3.88
1891 Wis	411	1	M.	(a)	2.75-2.75-2.75
1891 Germany	107	(a)	(a)	(a)	.81-1.53- —
1891 Gr't Brit	576	(a)	M.	(a)	1.46-1.95- —
1891 Ireland	576	(a)	M.	70-70-70	1.09-1.09-1.09
1891 N. Zealand	667	(a)	(a)	(a)	1.46-2.92- —
1891 Scotland	576	(a)	M.	(a)	1.09-1.70- —
1892 Cal	16	91	M.	(a)	3.85-4.01-3.94
1892 Ill	16	99	M.	(a)	e .37- .43- .39
1892 Ind	227	4771	M.	r56-84-72	2.30-5.50-3.74
1892 La	16	4	M.	(a)	5.24-5.24-5.24
1892 Md	263	235	M.	s70-70-70	2.50-4.50-3.90
1892 Mass	16	37	M.	(a)	3.29-3.29-3.29
1892 Mass	190	113	M.	70-70-70	3.45-4.00-3.77
1892 Minn	16	12	M.	(a)	b .04- .04- .04
1892 N. Y	16	502	M.	(a)	2.50-3.79-3.39
1892 N. Y	16	1415	M.	(a)	b.03½-.03¾-.03¾
1892 N. C	355	370	(a)	(a)	1.64-4.61-3.43
1892 Ohio	16	12	M.	60-60-60	4.03-4.03-4.03
1892 Pa	16	1501	M.	(a)	3.00-6.60-3.13
1892 Va	16	8	M.	(a)	4.00-4.00-4.00
1892 Australia	424	(a)	M.	54-54-54	3.39-3.39-3.39
1892 England	632	(a)	M.	t54-72 —	1.10-1.95- —
1892 France	505	(a)	M.	u53-63 —	o1.01-1.93- —
1892 France	505	(a)	M.	56-56-56	v1.06-1.83- —
1892 France	505	(a)	M.	(a)	w .92-1.54- —

a Not reported.
b Per mile.
c Not including hours of 192 persons not reported.
d Not including hours of 54 persons not reported.
e Per hour.
f Not including hours of 1,893 persons not reported.
g Not including hours of 991 persons not reported.
h Not including hours of 557 persons not reported.
i Not including hours of 2,526 persons not reported.
j Not including hours of 1,453 persons not reported.
k Not including hours of 339 persons not reported.
l Not including hours of 2,701 persons not reported.
n Not including hours of 87 persons not reported.
o And premiums.
p Not including hours of 3,024 persons not reported.
q Not including hours of 678 persons not reported.
r Not including hours of 3,679 persons not reported.
s Not including hours of 219 persons not reported.
t Applies to but 4 of the 6 wage quotations.
u Applies to but 4 of the 7 wage quotations.
v And premiums and *gratifications*.
w And lodging, premiums, and *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Netherl'ds	618	(a) M.	(a)	0.88-1.53- —
1892 Scotland ..	632	(a) M.	(a)	1.10-1.70- —
1893 Cal.....	16	94 M.	(a)	3.85-4.01-3.93
1893 Ill	10	10 M.	59-84-70	2.29-3.57-3.04
1893 Ill	16	67 M.	(a)	b.37- .43- .39½
1893 Ind	228	4323 M.	c56-84-74	2.31-5.00-3.79
1893 Kans.....	247	342 M.	(a)	2.30-5.69-3.72
1893 La	16	6 M.	(a)	5.16-5.16-5.16
1893 Md.....	10	6 M.	56-77-68	1.86-4.29-3.10
1893 Mass	16	39 M.	(a)	3.29-3.29-3.29
1893 Mich.....	285	326 M.	(d)	1.32-5.26-3.18
1893 Minn.....	16	12 M.	(a)	e.04- .04- .04
1893 Mont.....	307	71 M.	f63-77-68	2.96-5.00-4.00
1893 Mont.....	307	1 M.	(a)	b.40- .40- .40
1893 Mont.....	307	24 M.	(a)	e.03¾-.04½-.04
1893 N. Y.....	10	1 M.	60-60-60	2.14-2.14-2.14
1893 N. Y.....	16	479 M.	(a)	2.50-3.80-3.42
1893 N. Y.....	16	1429 M.	(a)	e.03½-.03½-.03½
1893 N. C.....	347	410 M.	(a)	1.66-4.63-3.52
1893 Ohio	16	12 M.	60-60-60	4.26-4.26-4.26
1893 Pa	10	1 M.	60-60-60	1.71-1.71-1.71
1893 Pa	16	1619 M.	(a)	3.00-6.60-3.18
1893 R. I	400	5 M.	(a)	2.93-3.50-3.25
1893 Va	16	8 M.	(a)	4.14-4.14-4.14
1893 Netherl'ds	632	(a) M.	(a)	.68-1.01- —
1893 N. Zealand	668	(a) M.	(a)	1.88-1.88-1.88
1893 Switzerl'd.	632	(a) M.	(a)	.92-1.27- —
1894 Cal.....	16	98 M.	(a)	3.85-4.01-3.93
1894 Ill.....	16	180 M.	(a)	b.37½-.43½-.39½
1894 Ind	228	3645 M.	g56-84-76	1.68-4.95-3.72
1894 Iowa	236	19 M.	h28-98-72	1.71-4.29-3.21
1894 La	16	5 M.	(a)	4.24-4.24-4.24
1894 Mass	16	38 M.	(a)	3.29-3.29-3.29
1894 Minn	16	12 M.	(a)	e.03¾-.03¾-.03¾
1894 Mont.....	308	202 M.	(a)	3.30-4.76-3.90
1894 Mont.....	309	16 M.	(a)	4.12-4.12-4.12
1894 N. H	316	11 M.	i 54-81-64	1.50-3.00-2.45
1894 N. Y.....	16	447 M.	(a)	2.50-3.77-3.50
1894 N. Y.....	16	1350 M.	(a)	e.03½-.03½-.03½
1894 N. C.....	348	442 M.	(a)	1.50-4.30-3.24
1894 Ohio	16	20 M.	60-60-60	3.62-3.62-3.62
1894 Pa	16	835 M.	(a)	2.50-6.60-3.17
1894 Va	16	8 M.	(a)	4.04-4.04-4.04
1894 W. Va.....	406	689 M.	(a)	2.24-3.75-2.70
1894 Australia .	425	(a) (a)	(a)	2.68-3.65- —
1894 N. Zealand	669	(a) M.	(a)	1.88-1.88-1.88
1895 Cal.....	16	100 M.	(a)	3.46-3.61-3.53
1895 Ill	16	190 M.	(a)	b.37- .43-.39½
1895 Ind	229	2987 M.	(a)	2.31-5.01-3.79
1895 Iowa.....	237	1172 (a)	(a)	1.64-4.82-3.65
1895 La	16	6 M.	(a)	5.51-5.51-5.51
1895 Mass	16	35 M.	(a)	3.29-3.29-3.29
1895 Minn	16	12 M.	(a)	e.03½-.03½-.03½
1895 Mont.....	309	271 M.	(a)	3.91-4.35-4.01
1895 N. Y.....	16	442 M.	(a)	2.50-3.79-3.53
1895 N. Y.....	16	1201 M.	(a)	e.03½-.03½-.03½
1895 N. C.....	349	438 (a)	(a)	1.50-4.04-3.29
1895 Ohio	16	25 M.	60-60-60	3.42-3.42-3.42
1895 Pa	16	831 M.	(a)	2.50-6.60-3.22
1895 Va	16	8 M.	(a)	4.09-4.09-4.09
1895 Wis	413	1 (a)	70-70-70	3.70-3.70-3.70
1895 Australia .	426	(a) (a)	(a)	2.68-3.65- —
1895 Australia .	677	(a) M.	(a)	1.58-2.43- —
1895 Canada ...	187	(a) M.	j 70-70-70	1.32-2.75- —
1896 Cal.....	16	101 M.	(a)	3.46-3.61-3.53
1896 Colo	200	110 M.	56-70-60	4.00-4.00-4.00
1896 Ill	16	219 M.	(a)	b.37- .43-.39½
1896 Ind	229	3231 M.	(a)	2.31-7.08-3.85
1896 Iowa	237	1384 (a)	(a)	1.71-5.00-3.65
1896 Kans.....	250	30 M.	k 42-84-67	1.15-6.58-3.37
1896 La	16	6 M.	(a)	5.98-5.98-5.98
1896 Mass	16	38 M.	(a)	3.29-3.29-3.29
1896 Minn	16	12 M.	(a)	e.03¾-.03¾-.03¾
1896 Mo	305	865 (a)	(a)	2.49-4.66-3.80
1896 Mont.....	310	343 M.	(a)	3.65-4.37-3.90
1896 N. Y.....	14	501 M.	60-70-64	3.00-3.51-3.46
1896 N. Y.....	16	438 M.	(a)	3.00-3.83-3.52
1896 N. Y.....	16	1260 M.	(a)	e.03½-.03½-.03½
1896 N. C.....	350	427 M.	(a)	1.50-4.16-3.21
1896 Ohio	16	15 M.	60-60-60	3.62-3.62-3.62
1896 Pa	16	857 M.	(a)	2.50-6.60-3.20
1896 Va	16	8 M.	(a)	4.13-4.13-4.13
1896 Australia .	427	(a) (a)	(a)	2.68-3.65- —
1896 Colombia .	184	(a) M.	(a)	1.80-5.18- —
1896 England ..	592	(a) M.	(a)	1.04-1.16- —
1896 Hawai. Is .	184	(a) M.	(a)	3.29-3.29-3.29
1896 Mexico ...	184	(a) M.	l 91-91-91	1.64-4.27- —
1896 Spain	184	(a) M.	(a)	2.00-5.00- —
1897 Cal.....	16	105 M.	(a)	3.46-3.61-3.52
1897 Ill	16	160 M.	(a)	b.37- .43-.39½
1897 Iowa	238	1293 (a)	(a)	2.05-4.55-3.66
1897 Kans.....	251	6 (a)	49-91-70	2.22-3.45-2.86
1897 Kans.....	251	33 (a)	n 42-84-67	e.03½-.04-.0386
1897 La	16	5 M.	(a)	5.43-5.43-5.43
1897 Md.....	265	449 (a)	o 42-70-67	1.97-4.21-3.66
1897 Mass	16	37 M.	(a)	3.29-3.29-3.29
1897 Mich.....	289	23 (a)	68-84-77	1.75-4.00-2.88
1897 Mich.....	289	1 (a)	(a)	b.25- .25- .25
1897 Mich.....	289	22 (a)	42-95-73	e.03-.04-.0352
1897 Minn	16	12 M.	(a)	e.03¾-.03¾-.03¾
1897 Mont.....	311	313 (a)	(a)	3.63-4.13-3.95
1897 N. Y.....	16	454 M.	(a)	2.50-3.87-3.51
1897 N. Y.....	16	1198 M.	(a)	e.03½-.03½-.03½
1897 N. Y.....	337	2468 M.	p 70-84-83	1.15-7.00-3.58
1897 N. C.....	351	387 (a)	(a)	1.50-4.35-3.35
1897 Ohio	16	15 M.	60-60-60	3.62-3.62-3.62
1897 Pa	16	841 M.	(a)	2.50-6.60-3.44
1897 Va	16	8 M.	(a)	4.13-4.13-4.13
1897 Australia .	418	(a) (a)	(a)	2.43-2.43-2.43
1897 Australia .	428	(a) (a)	(a)	2.68-3.65- —
1897 China	146	(a) (a)	(a)	.29- .44- —
1898 Cal.....	16	108 M.	(a)	3.46-3.61-3.52
1898 Ill.....	16	138 M.	(a)	b .37- .43-.40½
1898 Ind	230	3144 (a)	q 42-91-74	2.00-5.97-3.75
1898 Iowa.....	238	1424 (a)	(a)	1.32-4.65-3.74
1898 Kans.....	252	1252 M.	r 42-91-71	2.47-4.77-3.86
1898 Kans.....	252	8 M.	35-98-63	(s)
1898 La	16	5 M.	(a)	4.95-4.95-4.95
1898 Mass	16	36 M.	(a)	3.29-3.29-3.29
1898 Minn	16	12 M.	(a)	e.03¾-.03¾-.03¾
1898 Mo	306	1057 (a)	56-84-69	1.92-4.63-3.83
1898 Nebr	314	454 (a)	t 49-84-70	1.00-6.00-3.43
1898 Nebr	314	10 (a)	(a)	e .03-.03½-.03½
1898 N. J	329	699 M.	(a)	2.70-3.55-3.31

a Not reported.
b Per hour.
c Not including hours of 3,348 persons not reported.
d 32-126- 81 hours; not including hours of 7 persons not reported.
e Per mile.
f Not including hours of 55 persons not reported.
g Not including hours of 2,857 persons not reported.
h Not including hours of 1 person not reported.
i Not including hours of 2 persons not reported.
j Applies to but 1 of the 2 wage quotations.
k Not including hours of 8 persons not reported.
l Applies to but 1 of the 4 wage quotations.
n Not including hours of 7 persons not reported.
o Not including hours of 427 persons not reported.
p Not including hours of 1,578 persons not reported.
q Not including hours of 1,483 persons not reported.
r Not including hours of 1,239 persons not reported.
s $0.035-.045-.0384 per mile.
t Not including hours of 215 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, LOCOMOTIVE, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1898 N. Y.	16	478 M.	(a)	2.50-3.87-3.50
1898 N. Y.	16	1226 M.	(a)	b.03½-.03½-.03½
1898 N. Y.	338	3082 M.	c63-84-79	2.00-5.50-3.38
1898 N. C.	352	400 (a)	(a)	1.50-4.04-3.37
1898 Ohio	16	15 M.	60-60-60	3.62-3.62-3.62
1898 Pa	16	844 M.	(a)	2.50-6.60-3.44
1898 Va	16	8 M.	(a)	4.13-4.13-4.13
1898 Va	404	175 (a)	84-84-84	4.35-4.35-4.35
1898 Wash.	405	250 (a)	(a)	2.50-4.48-3.82
1898 Australia	419	(a) (a)	(a)	2.43-2.43-2.43
1898 Australia	429	(a) (a)	(a)	2.68-3.65- —
1898 Germany	147	(a) (a)	(a)	1.83-1.83-1.83
1898 Germany	151	(a) (a)	(a)	1.19-1.70- —
1899 Mass	18	902 (a)	(a)	2.20-4.50-3.33
1899 Mass	18	60 (a)	(a)	(d)
1899 N. J	18	433 (a)	(a)	3.34-3.34-3.34
1899 N. Y.	18	1972 M.	(a)	3.49-3.82-3.65
1899 N. C	356	386 (a)	(a)	1.35-4.49-3.72
1899 Pa	18	1161 (a)	(a)	2.47-4.07-3.17
1899 Pa	18	122 (a)	(a)	e.20- .28- .26
1899 Va	404	961 (a)	(a)	1.57-4.82-4.07
1899 Uruguay	157	(a) (a)	(a)	1.97-2.63- —
1900 Mass	18	937 (a)	(a)	2.25-4.50-3.36
1900 Mass	18	58 (a)	(a)	(d)
1900 N. J	18	467 (a)	(a)	3.37-3.37-3.37
1900 Pa	18	1109 (a)	(a)	2.47-5.50-3.29
1900 Pa	18	120 (a)	(a)	e.21- .28- .26

ENGINEERS, MARINE.

1863	England	565	(a)	(a)	(a)	1.18-1.74- —	1884	Italy	178	(a)	M.	(a)	.79-2.86- —
1866	England	566	(a)	M.	(a)	1.18-1.91- —	1884	Malta	178	(a)	M.	(a)	.80-2.40- —
1866	Scotland	566	(a)	M.	(a)	.96-2.88- —	1884	Mexico	178	(a)	(a)	(a)	1.32-3.29- —
1868	England	567	(a)	(a)	(a)	1.18-1.91- —	1884	Netherl'ds	178	(a)	M.	(a)	.53-1.84- —
1868	Scotland	567	(a)	(a)	(a)	1.22-1.74- —	1884	Russia	178	(a)	M.	(a)	.39-1.97- —
1870	Egypt	610	(a)	(a)	(a)	3.20-4.80- —	1884	Scotland	178	(a)	M.	(a)	.96-2.88- —
1870	Gr't Brit	186	(a)	M.	(a)	1.03-2.80- —	1884	S'ra Leone	178	(a)	M.	(a)	.33- .59- —
1870	Norway	610	(a)	M.	(a)	1.07-1.24- —	1884	Spain	178	(a)	M.	(a)	.63-3.97- —
1870	Norway	610	(a)	M.	(a)	f.57-1.07- —	1884	Switzerl'd	178	(a)	M.	(a)	.76-2.21- —
1870	Spain	610	(a)	M.	(a)	4.80-4.80-4.80	1884	Venezuela	178	(a)	M.	(a)	1.32-6.58- —
1871	Mass	267	7	M.	g63-63-63	2.47-3.29-2.86	1884	Wales	178	(a)	M.	(a)	.96-2.72- —
1871	England	568	(a)	M.	(a)	1.39-2.88- —	1884	Wales	178	(a)	M.	(a)	j1.56-2.78- —
1871	Italy	611	(a)	M.	(a)	2.40-2.56- —	1885	Mich	279	4	M.	(a)	2.74-3.78-3.27
1871	Scotland	568	(a)	M.	(a)	1.22-1.91- —	1885	Wis	408	1	M.	70-70-70	2.00-2.00-2.00
1871	Sweden	165	(a)	(a)	(a)	.37-1.32- —	1885	Germany	163	(a)	(a)	(a)	1.18-1.73- —
1872	England	185	(a)	M.	(a)	1.11-2.86- —	1886	Cal.	193	12	M.	84-84-84	3.29-3.29-3.29
1872	Scotland	185	(a)	M.	(a)	1.21-1.90- —	1886	Canada	468	(a)	M.	(a)	2.15-2.15-2.15
1873	England	177	(a)	M.	(a)	1.13-2.23- —	1886	Gr't Brit	604	(a)	M.	(a)	j.85-3.26- —
1873	Sweden	167	(a)	M.	(a)	h.88-1.45- —	1886	Gr't Brit	604	(a)	M.	(a)	k1.22-2.84- —
1873	Switzerl'd	632	(a)	M.	(a)	.85-1.85- —	1887	Mich	4	4	M.	(a)	2.00-4.00-2.92
1874	Scotland	569	(a)	M.	(a)	1.39-2.09- —	1887	N. Y.	4	24	M.	(a)	1.32-3.12-2.71
1875	Argentina	169	(a)	M.	(a)	2.63-3.29- —	1887	Wis	409	5	M.	(a)	2.00-5.00-2.44
1875	Turkey	169	(a)	M.	(a)	3.12-6.25- —	1887	Canada	469	(a)	M.	78-86 —	1.86-2.07- —
1878	Ohio	360	1	M.	84-84-84	1.92-1.92-1.92	1887	Norway	77	(a)	M.	(a)	.72-1.32- —
1878	Australia	177	(a)	M.	(a)	2.88-2.88-2.88	1888	N. Y.	331	7	M.	49-49-49	1.64-2.63-2.07
1878	Canada	177	(a)	M.	(a)	1.64-3.29- —	1888	Australia	424	(a)	M.	(a)	2.24-3.20- —
1878	Canada	177	(a)	M.	(a)	h1.32-1.97- —	1889	Australia	424	(a)	M.	(a)	2.24-3.20- * —
1878	England	177	(a)	M.	(a)	1.13-2.23- —	1890	Mich	282	1	M.	70-70-70	3.50-3.50-3.50
1878	Ireland	177	(a)	M.	(a)	1.74-1.74-1.74	1890	N. Y.	333	5	M.	(a)	1.40-3.60-2.49
1880	Gr't Brit	186	(a)	M.	(a)	1.13-2.97- —	1890	Australia	424	(a)	M.	(a)	2.24-4.00- —
1880	Gr't Brit	605	(a)	M.	(a)	1.26-2.98- —	1890	Gr't Brit	605	(a)	M.	(a)	1.15-2.82- —
1881	Ohio	363	1	M.	72-72-72	2.50-2.50-2.50	1890	Norway	632	(a)	(a)	(a)	1.19-1.19-1.19
1883	Mich	277	31	M.	(a)	.72-3.29-2.46	1891	N. Y.	333	3	M.	(a)	2.47-3.60-3.22
1883	Colombia	42	(a)	(a)	(a)	2.96-4.93- —	1891	Australia	424	(a)	M.	(a)	2.24-4.00- —
1884	Mich	278	1	M.	(a)	2.30-2.30-2.30	1891	Australia	433	(a)	M.	(a)	1.92-4.00- —
1884	Australia	433	(a)	M.	(a)	2.56-3.20- —	1891	England	577	(a)	M.	54-54-54	1.39-1.39-1.39
1884	Aust-Hun	178	(a)	M.	(a)	.91-2.07- —	1891	France	102	(a)	M.	(a)	1.59-3.17- —
1884	Belgium	178	(a)	M.	(a)	1.11-3.49- —	1891	France	505	(a)	M.	(a)	1.54-1.54-1.54
1884	Canada	178	(a)	(a)	(a)	1.32-3.45- —	1891	Gr't Brit	186	(a)	M.	(a)	1.13-3.08- —
1884	Colombia	178	(a)	(a)	(a)	1.59-3.97- —	1892	Australia	424	(a)	M.	(a)	2.24-4.00- —
1884	Denmark	178	(a)	M.	(a)	.48-1.76- —	1892	Gr't Brit	186	(a)	M.	(a)	1.12-2.65- —
1884	Ecuador	178	(a)	M.	(a)	1.32-1.32-1.32	1892	Gr't Brit	578	(a)	M.	(a)	2.08-2.60- —
1884	England	178	(a)	M.	(a)	.32-3.47- —	1892	Wales	578	(a)	M.	54-54-54	1.22-2.78- —
1884	France	178	(a)	M.	(a)	.79-2.88- —	1893	Ill.	10	1	M.	84-84-84	h1.71-1.71-1.71
1884	Germany	178	(a)	M.	(a)	.36-3.25- —	1893	Md.	10	13	M.	48-90-72	1.43-7.14-2.30
1884	Hawai. Is.	178	(a)	M.	(a)	.99-4.93- —	1893	N. Y.	10	2	M.	(a)	3.57-3.57-3.57
1884	Ireland	178	(a)	M.	i70-70-70	1.04-1.92- —	1893	Pa	10	2	M.	60-77-69	2.14-2.63-2.39

a Not reported.
b Per mile.
c Not including hours of 845 persons not reported.
d $0.035-.04-.0358 per mile.
e Per hour.
f And provisions while on board ship.
g Not including hours of 6 persons not reported.
h And board.
i Applies to but 2 of the 12 wage quotations.
j And food.
k Without food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, MARINE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Germany	127	(a) M.	(a)	0.53-2.61- —
1893 Gr't Brit	186	(a) M.	(a)	.96-5.35- —
1893 Gr't Brit	578	(a) M.	72-72-72	1.56-1.56-1.56
1894 Ohio	374	111 M.	84-84-84	2.22-2.22-2.22
1894 Australia	176	(a) (a)	(a)	1.44-3.20- —
1894 Australia	425	(a) (a)	(a)	1.68-3.60- —
1894 Aust-Hun	127	(a) M.	(a)	.66-2.24- —
1894 Canada	186	(a) M.	(a)	2.47-4.93- —
1894 Chile	186	(a) M.	(a)	3.12-4.40- —
1894 Colombia	186	(a) M.	(a)	2.30-4.93- —
1894 England	127	(a) M.	(a)	1.00-3.20- —
1894 England	186	(a) M.	(a)	1.44-4.80- —
1894 France	127	(a) M.	(a)	.63-3.17- —
1894 Germany	127	(a) M.	(a)	.51-3.33- —
1894 Ireland	127	(a) M.	(a)	1.12-2.72- —
1894 Italy	127	(a) M.	(a)	.63-2.63- —
1894 Netherl'ds	127	(a) M.	(a)	.53-3.16- —
1894 Russia	127	(a) M.	(a)	1.48-1.64- —
1894 Scotland	127	(a) M.	(a)	1.00-2.56- —
1895 Australia	426	(a) (a)	(a)	1.68-3.60- —
1895 Canada	187	(a) M.	(a)	1.48-1.48-1.48
1895 Nicaragua	140	(a) (a)	(a)	b .99-1.48- —
1895 Norway	690	(a) M.	(a)	.70-1.06- —
1896 Australia	427	(a) (a)	(a)	1.68-3.60- —
1896 Australia	587	(a) M.	(a)	1.92-4.00- —
1897 N. Y.	337	918 M.	72-72-72	2.00-3.50-2.00
1897 Australia	428	(a) (a)	(a)	1.92-4.00- —
1897 N. Zealand	680	(a) M.	(a)	2.77-2.77-2.77
1898 N. Y.	338	851 M.	c 56-56-56	2.00-4.00-3.16
1898 Wash	405	264 (a)	(a)	2.79-5.75-3.53
1898 Australia	429	(a) (a)	(a)	1.92-4.00- —
1899 Germany	163	(a) (a)	(a)	.78-1.37- —
1900 Russia	162	(a) M.	(a)	.49-1.97- —
1900 Sweden	160	(a) M.	(a)	.53-1.58- —

ENGINEERS, PORTABLE.

1868	England	628	(a)	M.	(a)	.73- .73- .73	1893	Ohio	374	1	M.	60-60-60	2.00-2.00-2.00
1875	Pa	380	2	M.	66-66-66	2.61-2.61-2.61	1894	Ill	8	3	M.	60-60-60	2.50-2.50-2.50
1885	Mich	279	1	M.	(a)	3.00-3.00-3.00	1894	N. C.	8	1	M.	72-72-72	.75- .75- .75
1887	Fla	4	2	M.	(a)	1.92-3.45-2.68	1895	Fla	8	1	M.	60-60-60	1.00-1.00-1.00
1887	Md.	4	3	M.	(a)	2.88-2.88-2.88	1895	Ill	8	2	M.	60-60-60	1.50-1.50-1.50
1887	N. Y	4	3	M.	(a)	4.00-4.00-4.00	1895	Iowa	8	2	M.	60-60-60	2.50-2.50-2.50
1887	N. C.	8	1	M.	66-66-66	.75- .75- .75	1895	La	8	1	M.	66-66-66	.65- .65- .65
1887	Pa	4	2	M.	(a)	2.75-4.79-3.77	1895	Wis	8	2	M.	60-60-60	b 2.00-2.00-2.00
1887	Wis	4	5	M.	(a)	3.83-3.83-3.83	1896	Cal	8	3	M.	60-60-60	3.50-4.00-3.83
1891	England	632	(a)	M.	(a)	1.02-1.02-1.02	1896	Md.	14	3	M.	60-60-60	4.00-4.00-4.00
1892	England	632	(a)	M.	(a)	.74-1.07- —	1896	N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1892	England	632	(a)	M.	(a)	d .70- .70- .70	1896	N. Y	14	14	M.	60-60-60	3.00-3.50-3.07
1893	N. C.	8	4	M.	72-72-72	.65- .75- .71	1896	Pa	14	18	M.	60-60-60	2.50-3.50-2.83

ENGINEERS, STATIONARY.

1824	England	572	(a)	(a)	(a)	.85- .85- .85	1843	Pa	190	1	M.	(a)	1.00-1.00-1.00
1826	England	572	(a)	(a)	(a)	.85- .85- .85	1844	Conn.	190	1	M.	60-60-60	1.34-1.34-1.34
1827	England	572	(a)	(a)	(a)	.85- .85- .85	1844	Mass	190	1	M.	84-84-84	2.00-2.00-2.00
1828	England	572	(a)	(a)	(a)	.85- .85- .85	1844	N. Y.	190	2	M.	60-84-72	1.00-1.75-1.38
1829	England	572	(a)	(a)	(a)	.85- .85- .85	1844	Pa	190	1	M.	(a)	1.00-1.00-1.00
1830	England	572	(a)	(a)	(a)	.85- .85- .85	1845	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50
1831	England	572	(a)	(a)	(a)	.85- .85- .85	1845	Mass	190	1	M.	84-84-84	2.25-2.25-2.25
1832	England	8	(a)	M.	66-66-66	1.43-1.43-1.43	1845	N. Y.	190	2	M.	60-84-72	1.00-1.75-1.38
1833	England	572	(a)	(a)	(a)	.85- .85- .85	1845	Pa	190	1	M.	(a)	1.42-1.42-1.42
1833	England	624	(a)	M.	(a)	.93- .93- .93	1846	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50
1834	England	572	(a)	(a)	(a)	.93- .93- .93	1846	Mass	190	1	M.	84-84-84	2.25-2.25-2.25
1838	England	625	(a)	M.	(a)	.70- .70- .70	1846	N. Y.	190	2	M.	60-84-72	.75-1.75-1.25
1839	England	563	(a)	M.	65-69 —	.69- .97- —	1846	Pa	190	1	M.	(a)	1.42-1.42-1.42
1840	Mass	190	1	M.	84-84-84	2.00-2.00-2.00	1847	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50
1840	England	561	(a)	(a)	60-60-60	.73- .73- .73	1847	Mass	190	1	M.	84-84-84	2.25-2.25-2.25
1840	England	625	(a)	M.	(a)	.49- .49- .49	1847	N. Y.	190	3	M.	60-84-68	.83-2.00-1.24
1840	Scotland	563	(a)	(a)	60-60-60	.89- .89- .89	1848	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50
1841	Mass	190	1	M.	84-84-84	2.00-2.00-2.00	1848	Mass	190	1	M.	84-84-84	2.25-2.25-2.25
1841	N. Y	190	1	M.	84-84-84	1.50-1.50-1.50	1848	N. Y.	190	3	M.	60-84-68	1.00-2.00-1.33
1841	England	625	(a)	M.	(a)	.63- .63- .63	1849	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50
1841	Scotland	564	(a)	M.	69-69-69	.73- .73- .73	1849	Mass	190	1	M.	84-84-84	2.25-2.25-2.25
1842	Conn	190	1	M.	60-60-60	1.75-1.75-1.75	1849	N. Y.	190	4	M.	60-84-66	1.00-2.00-1.56
1842	Mass	190	1	M.	84-84-84	2.00-2.00-2.00	1849	Pa	190	2	M.	(a)	1.00-1.00-1.00
1842	N. Y	190	1	M.	84-84-84	1.75-1.75-1.75	1849	England	562	(a)	M.	60-60-60	1.14-1.14-1.14
1842	Pa	190	1	M.	(a)	1.00-1.00-1.00	1849	England	563	(a)	M.	60-60-60	.69- .97- —
1843	Mass	190	1	M.	84-84-84	2.00-2.00-2.00	1850	Conn.	8	1	M.	60-60-60	1.17-1.17-1.17
1843	N. Y.	190	1	M.	84-84-84	1.75-1.75-1.75	1850	Conn.	190	1	M.	60-60-60	1.50-1.50-1.50

a Not reported.
b And board.
c Not including hours of 27 persons not reported.
d And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Mass	190	1 M.	84-84-84	2.25-2.25-2.25
1850 N. Y	190	7 M.	60-84-63	.75-2.00-1.36
1850 Pa	190	3 M.	a72-72-72	1.00-1.56-1.30
1850 England	45	(b) M.	(b)	.64- .97- —
1850 England	564	(b) (b)	60-60-60	.81-1.22- —
1850 Scotland	563	(b) (b)	60-60-60	1.01-1.01-1.01
1851 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1851 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1851 Mass	190	1 M.	84-84-84	2.25-2.25-2.25
1851 N. Y	190	4 M.	60-84-66	.75-2.00-1.38
1851 Pa	190	2 M.	c72-72-72	1.34-1.56-1.45
1852 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1852 Mass	190	1 M.	72-72-72	2.25-2.25-2.25
1852 N. H	190	1 M.	60-60-60	1.00-1.00-1.00
1852 N. Y	190	3 M.	60-84-68	1.00-2.00-1.58
1852 Pa	190	2 M.	c72-72-72	1.34-1.56-1.45
1853 Conn	190	2 M.	60-60-60	1.17-1.50-1.34
1853 Mass	190	1 M.	72-72-72	2.50-2.50-2.50
1853 N. H	190	1 M.	60-60-60	1.00-1.00-1.00
1853 N. Y	190	3 M.	60-84-68	1.25-2.00-1.67
1853 Pa	190	3 M.	a72-72-72	1.34-1.56-1.44
1854 Conn	190	3 M.	60-60-60	1.06-1.50-1.30
1854 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1854 Mass	190	1 M.	72-72-72	2.50-2.50-2.50
1854 N. H	190	1 M.	60-60-60	1.00-1.00-1.00
1854 N. Y	190	4 M.	60-84-66	1.00-2.00-1.53
1854 Pa	190	2 M.	c72-72-72	1.34-1.56-1.45
1855 Conn	190	3 M.	60-60-60	1.25-1.67-1.47
1855 Fla	8	1 M.	60-60-60	3.00-3.00-3.00
1855 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1855 Mass	190	1 M.	72-72-72	2.50-2.50-2.50
1855 N. H	190	1 M.	60-60-60	1.00-1.00-1.00
1855 N. Y	190	6 M.	60-84-64	1.00-2.50-1.54
1855 Pa	190	2 M.	c72-72-72	1.50-1.56-1.53
1855 England	561	(b) (b)	(b)	.93- .97- —
1855 Ireland	561	(b) (b)	(b)	1.22-1.22-1.22
1856 Conn	190	3 M.	60-60-60	1.25-2.00-1.64
1856 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1856 Mass	190	1 M.	72-72-72	2.50-2.50-2.50
1856 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1856 N. Y	190	7 M.	60-84-67	1.13-2.30-1.60
1856 Pa	190	2 M.	c72-72-72	1.50-1.80-1.65
1856 England	561	(b) (b)	(b)	.93- .97- —
1856 Ireland	561	(b) (b)	(b)	1.22-1.22-1.22
1856 Scotland	562	(b) M.	(b)	1.22-1.22-1.22
1857 Conn	190	3 M.	60-60-60	1.25-2.00-1.64
1857 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1857 Mass	190	1 M.	72-72-72	2.75-2.75-2.75
1857 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1857 N. Y	190	8 M.	60-84-66	1.13-2.30-1.53
1857 Pa	190	2 M.	c72-72-72	1.50-1.80-1.65
1857 England	561	(b) (b)	(b)	.93- .97- —
1857 Ireland	561	(b) (b)	(b)	1.22-1.22-1.22
1857 Ireland	563	(b) (b)	60-60-60	1.14-1.14-1.14
1857 Scotland	562	(b) M.	(b)	1.22-1.22-1.22
1858 Conn	190	3 M.	60-60-60	1.38-1.67-1.51
1858 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1858 Mass	190	1 M.	72-72-72	2.75-2.75-2.75
1858 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1858 N. Y	190	7 M.	60-84-76	1.00-2.30-1.56
1858 Pa	190	2 M.	c72-72-72	1.50-2.04-1.77
1858 England	562	(b) M.	(b)	.93- .97- —
(d) Ireland	562	(b) M.	(b)	.49-2.44- —
1858 Scotland	562	(b) M.	(b)	1.22-1.22-1.22
1859 Conn	190	3 M.	60-60-60	1.17-1.67-1.40
1859 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1859 Mass	190	1 M.	72-72-72	2.75-2.75-2.75
1859 N. H	190	1 M.	60-60-60	1.08-1.08-1.08
1859 N. Y	190	10 M.	60-84-72	1.00-2.30-1.64
1859 Pa	190	2 M.	c72-72-72	1.50-2.04-1.77
1859 England	562	(b) M.	60-60-60	1.22-1.22-1.22
1859 England	563	(b) M.	60-63 —	.73-1.16- —
1860 Conn	190	2 M.	60-60-60	1.17-1.50-1.34
1860 Md	190	1 M.	60-60-60	1.50-1.50-1.50
1860 Mass	8	2 M.	60-72-66	2.50-2.50-2.50
1860 Mass	190	1 M.	72-72-72	3.00-3.00-3.00
1860 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1860 N. Y	190	9 M.	60-84-68	1.00-2.50-1.63
1860 Pa	190	3 M.	c60-72-66	1.50-2.40-1.80
1860 England	45	(b) M.	(b)	.76-1.22- —
1860 England	563	(b) M.	e60-60-60	.98-1.62- —
1860 England	564	(b) (b)	60-63 —	.89-1.22- —
1860 Germany	609	(b) (b)	(b)	.57- .97- —
1860 Ireland	563	(b) (b)	60-60-60	1.10-1.22- —
1860 Russia	609	(b) M.	(b)	.39- .60- —
1860 Scotland	563	(b) (b)	60-60-60	1.09-1.09-1.09
1861 Conn	190	2 M.	60-60-60	1.17-1.50-1.34
1861 Mass	190	1 M.	66-66-66	3.00-3.00-3.00
1861 N. Y	190	9 M.	60-84-68	1.00-2.50-1.82
1861 Pa	190	3 M.	c60-72-66	1.50-2.40-1.80
1861 England	564	(b) (b)	60-63 —	.85-1.62- —
1861 Scotland	564	(b) (b)	f60-60-60	1.01-1.22- —
1862 Conn	8	2 M.	60-60-60	2.00-2.00-2.00
1862 Conn	190	2 M.	60-60-60	1.25-1.50-1.38
1862 Mass	8	2 M.	60-60-60	2.25-2.25-2.25
1862 Mass	190	1 M.	66-66-66	3.00-3.00-3.00
1862 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1862 N. Y	190	7 M.	60-84-70	1.00-2.50-1.77
1862 Pa	190	3 M.	c60-72-66	1.50-2.40-1.86
1862 England	564	(b) M.	60-60-60	.73- .81- —
1863 Conn	190	4 M.	60-60-60	1.50-1.67-1.54
1863 Md	190	2 M.	60-60-60	1.34-1.67-1.51
1863 Mass	190	1 M.	66-66-66	3.00-3.00-3.00
1863 N. H	190	1 M.	60-60-60	1.17-1.17-1.17
1863 N. Y	190	10 M.	60-84-67	1.00-2.75-1.69
1863 Pa	190	3 M.	60-72-64	1.50-2.40-1.86
1863 England	565	(b) (b)	g58-63 —	.73-1.62- —
1863 France	463	(b) (b)	71-71-71	.70- .70- .70
1863 Ireland	565	(b) (b)	63-63-63	1.10-1.10-1.10
1863 Scotland	565	(b) (b)	(b)	.69- .81- —
1864 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1864 Conn	190	3 M.	60-60-60	1.67-1.75-1.72
1864 Md	190	2 M.	60-60-60	1.67-2.17-1.92
1864 Mass	8	1 M.	54-54-54	2.50-2.50-2.50
1864 Mass	190	2 M.	66-66-66	2.50-3.00-2.75
1864 N. H	190	1 M.	60-60-60	1.25-1.25-1.25
1864 N. J	190	2 M.	60-60-60	2.00-2.00-2.00
1864 N. Y	190	11 M.	60-84-73	1.17-2.93-2.04
1864 Ohio	190	1 M.	70-70-70	2.25-2.25-2.25
1864 Pa	190	3 M.	60-72-64	1.67-2.64-2.10
1865 Conn	190	2 M.	60-60-60	2.00-2.50-2.25
1865 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1865 Mass	190	2 M.	66-66-66	2.75-3.10-2.93
1865 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1865 N. J	190	2 M.	60-60-60	2.00-2.17-2.09
1865 N. Y	190	7 M.	60-84-70	1.34-3.32-2.34
1865 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00
1865 Pa	190	3 M.	60-72-64	1.67-3.00-2.14
1865 R. I	190	1 M.	78-78-78	1.50-1.50-1.50
1866 Conn	190	3 M.	60-60-60	1.75-2.50-2.08
1866 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1866 Mass	190	2 M.	66-66-66	2.75-3.00-2.88
1866 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1866 N. J	190	3 M.	60-60-60	2.00-2.50-2.33
1866 N. Y	190	5 M.	60-84-70	1.34-3.32-2.43
1866 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00

a Not including hours of 2 persons not reported.
b Not reported.
c Not including hours of 1 person not reported.
d Average for 1856–58
e Applies to but 1 of the 3 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 7 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 Pa	190	4 M.	60-72-63	1.75-3.00-2.40
1866 R. I	190	1 M.	78-78-78	1.75-1.75-1.75
1866 England	566	(a) M.	b59-84 —	.49-1.46- —
1866 Ireland	566	(a) M.	59-59-59	.73- .73- .73
1866 Scotland	566	(a) M.	c57-70 —	.69-1.63- —
1867 Conn	190	3 M.	60-60-60	2.00-2.50-2.25
1867 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1867 Mass	190	2 M.	66-66-66	3.00-3.00-3.00
1867 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1867 N. J	190	2 M.	60-60-60	2.50-2.50-2.50
1867 N. Y	190	5 M.	60-84-70	1.34-3.50-2.63
1867 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00
1867 Pa	190	4 M.	60-72-63	1.75-3.00-2.42
1867 R. I	190	1 M.	78-78-78	1.75-1.75-1.75
1868 Conn	190	3 M.	60-60-60	2.25-2.50-2.42
1868 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1868 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1868 Mass	190	2 M.	66-66-66	3.00-3.00-3.00
1868 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1868 N. J	190	2 M.	60-60-60	2.50-2.50-2.50
1868 N. Y	190	5 M.	60-84-70	1.34-3.50-2.66
1868 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00
1868 Pa	190	4 M.	60-72-63	1.75-3.00-2.44
1868 R. I	190	1 M.	72-72-72	2.00-2.00-2.00
(d) England	567	(a) M.	56-84 —	.41-1.38- —
1868 France	33	(a) M.	(a)	1.13-1.13-1.13
1868 Germany	609	(a) M.	72-72-72	.43- .49- —
1868 Germany	610	(a) M.	68-72 —	.33- .45- —
(d) Ireland	588	(a) M.	63-63-63	.65- .65- .65
1869 Conn	190	3 M.	60-60-60	2.50-2.50-2.50
1869 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1869 Mass	190	3 M.	66-66-66	2.50-3.00-2.83
1869 N. H	7	4 M.	(a)	1.50-2.50-1.88
1869 N. H	190	1 M.	60-60-60	1.75-1.75-1.75
1869 N. J	190	2 M.	60-60-60	2.50-2.50-2.50
1869 N. Y	190	5 M.	59-84-69	1.34-3.50-2.66
1869 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00
1869 Pa	190	3 M.	60-72-64	2.00-3.00-2.50
1869 R. I	190	1 M.	72-72-72	2.25-2.25-2.25
1869 Germany	609	(a) (a)	72-72-72	.83- .83- .83
1869 Russia	609	(a) M.	(a)	.37- .87- —
1870 Conn	190	2 M.	60-60-60	2.75-2.75-2.75
1870 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1870 Mass	190	3 M.	66-66-66	2.50-3.00-2.75
1870 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1870 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1870 N. J	190	2 M.	60-60-60	2.50-2.50-2.50
1870 N. Y	7	2 M.	60-60-60	3.33-4.17-3.75
1870 N. Y	190	5 M.	59-84-69	1.34-3.50-2.66
1870 Ohio	190	1 M.	70-70-70	3.00-3.00-3.00
1870 Pa	190	3 M.	60-72-64	2.00-3.00-2.50
1870 R. I	190	1 M.	72-72-72	2.50-2.50-2.50
1870 Egypt	610	(a) (a)	(a)	1.49-1.49-1.49
1870 Egypt	610	(a) (a)	(a)	e3.73-5.60- —
1870 England	45	(a) M.	(a)	.82-1.38- —
1870 France	16	(a) M.	(a)	1.07-1.07-1.07
1870 France	33	(a) M.	f72-72-72	.68-1.06- —
1870 Norway	610	(a) M.	(a)	.54-1.08- —
1870 Sweden	167	(a) M.	72-72-72	1.69-1.69-1.69
1871 Conn	190	2 M.	60-60-60	2.67-3.00-2.84
1871 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1871 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1871 Mass	190	3 M.	66-66-66	2.50-3.00-2.75
1871 Mass	267	16 M.	g48-66-59	1.33-3.00-2.44
1871 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1871 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1871 N. Y	190	6 M.	59-84-70	1.34-3.84-2.86
1871 Pa	190	3 M.	60-72-64	2.00-2.64-2.35
1871 R. I	190	1 M.	72-72-72	2.50-2.50-2.50
1871 Brazil	611	(a) M.	(a)	.92- .92- .92
1871 England	568	(a) M.	h59-84 —	.81-1.42- —
1871 England	629	(a) (a)	i59-60 —	.69-2.23- —
1871 France	16	(a) M.	(a)	1.16-1.16-1.16
1871 France	611	(a) M.	(a)	1.42-1.42-1.42
1871 Ireland	568	(a) M.	70-70-70	1.01-1.01-1.01
1871 Netherl'ds	611	(a) M.	60-78 —	.80-1.01- —
1871 Norway	185	(a) (a)	(a)	.54-2.15- —
1871 Scotland	568	(a) M.	57-57-57	.81-1.14- —
1871 Scotland	629	(a) (a)	(a)	1.22-1.22-1.22
1872 Conn	8	1 M.	60-60-60	4.00-4.00-4.00
1872 Conn	190	3 M.	60-60-60	2.67-3.34-3.00
1872 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1872 Mass	190	3 M.	66-66-66	2.75-3.00-2.92
1872 N. H	190	2 M.	60-72-66	1.63-2.00-1.82
1872 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1872 N. Y	190	12 M.	59-84-65	1.67-4.15-2.62
1872 Ohio	359	4 M.	(a)	1.80-2.67-2.23
1872 Pa	8	2 M.	54-60-57	2.00-2.25-2.13
1872 Pa	185	1 (a)	60-60-60	4.00-4.00-4.00
1872 Pa	190	3 M.	60-72-64	2.00-2.82-2.41
1872 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1872 Aust-Hun	185	(a) (a)	(a)	.44- .57- —
1872 England	185	(a) M.	j54-84 —	.81-1.82- —
1872 France	16	(a) M.	(a)	1.16-1.16-1.16
1872 Germany	185	(a) M.	k66-66-66	.66-1.09- --
1872 Ireland	185	(a) M.	70-70-70	1.01-1.01-1.01
1872 Netherl'ds	185	(a) (a)	60-78 —	.81-1.01- —
1872 Russia	612	(a) (a)	69-69-69	.55- .55- .55
1872 Scotland	185	(a) M.	57-57-57	.81-1.13- —
1873 Conn	190	3 M.	60-60-60	2.67-3.34-3.00
1873 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1873 Mass	190	3 M.	66-66-66	2.75-3.00-2.92
1873 N. H	190	2 M.	60-72-66	1.75-2.00-1.88
1873 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1873 N. Y	190	15 M.	l60-84-64	2.00-4.15-2.70
1873 Pa	190	3 M.	60-72-64	2.00-3.00-2.57
1873 Pa	379	19 M.	(a)	1.50-3.83-2.51
1873 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1873 England	185	(a) M.	n60-60-60	.97-1.61- —
1873 England	185	(a) M.	o56-84 —	p.84-1.71- —
1873 France	16	(a) M.	(a)	1.16-1.16-1.16
1873 Germany	185	(a) M.	60-60-60	.66- .96- —
1873 Germany	533	(a) M.	(a)	.52- .52- .52
1873 Italy	639	(a) M.	69-69-69	.58- .58- .58
1873 Sweden	185	(a) M.	(a)	1.69-1.69-1.69
1874 Ala	185	1 M.	72-72-72	2.00-2.00-2.00
1874 Conn	185	1 M.	(a)	3.00-3.00-3.00
1874 Conn	190	3 M.	60-60-60	2.67-3.34-3.00
1874 Del	185	4 M.	60-60-60	2.00-2.00-2.00
1874 Ill	185	1 M.	59-59-59	2.50-2.50-2.50
1874 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1874 Mass	7	1 M.	60-60-60	3.08-3.08-3.08
1874 Mass	8	4 M.	60-60-60	2.50-2.50-2.50
1874 Mass	190	4 M.	66-66-66	2.75-3.00-2.88
1874 N. H	190	2 M.	60-72-66	1.80-2.00-1.90
1874 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1874 N. Y	190	9 M.	60-84-67	2.00-4.15-2.94
1874 Oregon	185	1 M.	60-60-60	4.17-4.17-4.17

a Not reported.
b Applies to but 12 of the 16 wage quotations.
c Applies to but 8 of the 10 wage quotations.
d Average for 1867–68.
e And lodging.
f Applies to but 1 of the 2 wage quotations.
g Not including hours of 4 persons not reported.
h Applies to but 5 of the 6 wage quotations.
i Applies to but 13 of the 19 wage quotations.
j Applies to but 9 of the 13 wage quotations.
k Applies to but 1 of the 3 wage quotations.
l Not including hours of 1 person not reported.
n Applies to but 1 of the 4 wage quotations.
o Applies to but 5 of the 13 wage quotations.
p And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1874 Pa	190	5 M.	60-72-62	1.75-3.00-2.36
1874 Pa	380	161 M.	(a)	1.10-3.00-1.86
1874 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1874 Br. India	459	(a) (a)	(a)	.12- .12- .12
1874 Canada	185	(a) M.	59-60 —	1.17-3.00- —
1874 England	185	(a) M.	(a)	1.20-1.37- —
1874 England	569	(a) M.	54-60 —	.61-1.70- —
1874 France	16	(a) M.	(a)	1.16-1.16-1.16
1874 Ireland	569	(a) M.	b60-60-60	.97-1.46- —
1874 Scotland	569	(a) M.	51-51-51	.85-1.16- —
1874 Wales	185	(a) M.	c56-84 —	.70-2.14- —
1875 Conn	8	2 M.	60-60-60	2.50-2.50-2.50
1875 Conn	190	2 M.	60-60-60	2.67-3.00-2.84
1875 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1875 Mass	190	3 M.	60-60-60	3.00-3.00-3.00
1875 N. H	190	2 M.	60-72-66	1.80-2.00-1.90
1875 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1875 N. Y	7	1 M.	(a)	2.50-2.50-2.50
1875 N. Y	190	8 M.	60-84-71	2.00-4.60-3.30
1875 Pa	190	5 M.	60-72-62	1.75-2.64-2.21
1875 Pa	380	68 M.	d66-66-66	1.35-2.67-2.39
1875 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1875 Br. India	459	(a) (a)	(a)	.12- .12- .12
1875 England	575	(a) M.	56-84 —	1.32-1.32-1.32
1875 France	16	(a) M.	(a)	1.16-1.16-1.16
1875 Scotland	177	(a) M.	60-60-60	1.10-1.10-1.10
1876 Conn	190	1 M.	60-60-60	3.00-3.00-3.00
1876 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1876 Mass	190	3 M.	60-60-60	3.00-3.00-3.00
1876 N. H	7	3 M.	66-66-66	1.35-1.58-1.50
1876 N. H	190	2 M.	60-72-66	1.75-2.00-1.88
1876 N. J	190	1 M.	60-60-60	2.50-2.50-2.50
1876 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1876 N. Y	190	9 M.	e59-84-71	2.00-4.60-3.15
1876 Pa	190	6 M.	60-72-62	1.75-2.59-2.11
1876 Pa	381	539 M.	(a)	.75-5.00-2.01
1876 Pa	382	37 M.	(a)	1.25-3.00-1.84
1876 Pa	382	9 M.	(a)	f .18- .18- .18
1876 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1876 S. C	7	1 M.	66-66-66	2.00-2.00-2.00
1876 Australia	171	(a) M.	(a)	2.03-4.87- —
1876 Br. India	459	(a) (a)	(a)	.12- .12- .12
1876 England	575	(a) M.	56-84 —	1.20-1.20-1.20
1876 France	16	(a) M.	(a)	1.16-1.16-1.16
1876 Scotland	177	(a) M.	60-60-60	1.20-1.20-1.20
1877 Conn	190	1 M.	60-60-60	2.75-2.75-2.75
1877 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1877 Mass	190	3 M.	60-60-60	3.00-3.25-3.08
1877 N. H	190	1 M.	72-72-72	1.50-1.50-1.50
1877 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1877 N. Y	190	9 M.	e59-84-70	2.00-4.60-3.10
1877 Ohio	359	226 M.	g60-84-79	1.00-5.00-1.97
1877 Pa	190	5 M.	60-72-62	1.75-2.64-2.22
1877 Pa	382	85 M.	h48-72-65	1.35-2.91-2.14
1877 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1877 Br. India	459	(a) (a)	(a)	.13- .13- .13
1877 England	45	(a) M.	(a)	1.24-1.38- —
1877 England	570	(a) M.	i48-77 —	.89-2.36- —
1877 England	575	(a) M.	81-84 —	1.20-1.20-1.20
1877 France	16	(a) M.	(a)	1.16-1.16-1.16
1877 Ireland	570	(a) M.	54-60 —	.73-1.42- —
1877 Scotland	177	(a) M.	60-60-60	1.15-1.15-1.15
1877 Scotland	570	(a) M.	j51-51-51	.97-1.14- —
1878 Conn	7	2 M.	72-72-72	2.50-3.33-2.92
1878 Conn	190	1 M.	60-60-60	2.75-2.75-2.75
1878 Ga	7	1 M.	66-66-66	3.00-3.00-3.00
1878 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1878 Mass	190	3 M.	60-60-60	3.00-3.25-3.08
1878 N. H	190	1 M.	72-72-72	1.50-1.50-1.50
1878 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1878 N. Y	190	9 M.	e59-84-70	1.84-4.60-3.04
1878 N. C	7	1 M.	(a)	1.33-1.33-1.33
1878 Ohio	360	43 M.	k59-59-59	1.25-3.07-1.87
1878 Pa	190	5 M.	60-72-62	1.67-2.59-2.14
1878 Pa	383	279 M.	l54-72-67	.80-3.50-1.67
1878 R. I	190	1 M.	72-72-72	2.75-2.75-2.75
1878 Br. India	459	(a) (a)	(a)	.13- .50- —
1878 Canada	177	(a) M.	(a)	1.34-2.50- —
1878 England	177	(a) M.	n54-54-54	.82-1.38- —
1878 England	575	(a) M.	81-84 —	1.05-1.05-1.05
1878 France	16	(a) M.	(a)	1.16-1.16-1.16
1878 France	33	(a) M.	(a)	1.61-1.61-1.61
1878 Scotland	177	(a) M.	54-60 —	1.10-1.26- —
1879 Conn	190	2 M.	60-60-60	2.00-2.50-2.25
1879 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1879 Mass	190	2 M.	60-60-60	2.29-3.50-2.90
1879 Mo	293	4 M.	70-70-70	1.32-1.32-1.32
1879 N. H	190	2 M.	60-72-66	1.15-1.60-1.38
1879 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1879 N. Y	190	8 M.	e59-84-72	.84-4.60-2.55
1879 Pa	7	1 M.	57-57-57	2.17-2.17-2.17
1879 Pa	190	5 M.	60-72-62	1.67-2.59-2.14
1879 Pa	384	457 M.	o54-72-60	.50-3.50-1.72
1879 Pa	384	2 M.	(a)	p .77- .77- .77
1879 R. I	190	1 M.	72-72-72	3.00-3.00-3.00
1879 Br. India	459	(a) (a)	(a)	.10- .60- —
1879 England	25	(a) (a)	56-56-56	.84-2.00- —
1879 England	178	(a) M.	(a)	.73-1.09- —
1879 England	575	(a) M.	81-84 —	1.05-1.25- —
1879 England	576	(a) M.	56-84 —	.94-1.21- —
1879 France	16	(a) M.	(a)	1.16-1.16-1.16
1880 Conn	7	1 M.	60-60-60	2.25-2.25-2.25
1880 Conn	190	2 M.	60-60-60	2.00-2.50-2.25
1880 Ga	7	1 M.	(a)	2.50-2.50-2.50
1880 Ill	205	8 M.	60-61-60	1.24-2.95-1.94
1880 Ky	7	1 M.	60-60-60	1.50-1.50-1.50
1880 Md	190	1 M.	60-60-60	2.17-2.17-2.17
1880 Mass	7	1 M.	60-60-60	2.00-2.00-2.00
1880 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1880 Mass	190	2 M.	60-60-60	2.29-3.50-2.90
1880 Mo	7	1 M.	(a)	2.00-2.00-2.00
1880 N. H	7	1 M.	69-69-69	1.40-1.40-1.40
1880 N. H	190	2 M.	60-72-66	1.15-1.65-1.40
1880 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1880 N. Y	7	3 M.	59-60-59	2.67-3.17-3.39
1880 N. Y	190	14 M.	e59-84-66	1.00-4.60-2.28
1880 Ohio	7	1 M.	(a)	2.50-2.50-2.50
1880 Pa	7	8 M.	q53-60-59	2.00-2.50-2.31
1880 Pa	190	4 M.	60-72-63	1.75-2.59-2.13
1880 R. I	190	1 M.	72-72-72	3.25-3.25-3.25
1880 S. C	7	1 M.	(a)	.83- .83- .83
1880 Br. India	459	(a) (a)	(a)	.09- .61- —
1880 England	25	(a) (a)	56-56-56	.84-2.00- —
1880 England	571	(a) M.	r54-84 —	.85-1.66- —
1880 England	575	(a) M.	81-84 —	1.05-1.25- —
1880 France	16	(a) M.	(a)	1.16-1.16-1.16

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 7 of the 125 wage quotations.
d Not including hours of 37 persons not reported.
e Not including hours of 1 person not reported.
f Per hour.
g Not including hours of 192 persons not reported.
h Not including hours of 21 persons not reported.
i Applies to but 23 of the 25 wage quotations.
j Applies to but 1 of the 4 wage quotations.
k Not including hours of 41 persons not reported.
l Not including hours of 97 persons not reported.
n Applies to but 2 of the 6 wage quotations.
o Not including hours of 368 persons not reported.
p And rent.
q Not including hours of 2 persons not reported.
r Applies to but 28 of the 33 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Ireland	571	(a) M.	84-84-84	1.04-1.04-1.04
1880 Scotland	571	(a) M.	b 54-84 —	.93-1.62- —
1881 Conn.	190	2 M.	60-60-60	2.00-2.50-2.25
1881 Ga.	7	1 M.	66-66-66	2.50-2.50-2.50
1881 Ky.	7	1 M.	(a)	1.67-1.67-1.67
1881 Md.	190	1 M.	60-60-60	2.17-2.17-2.17
1881 Mass.	7	1 M.	60-60-60	1.92-1.92-1.92
1881 Mass.	190	2 M.	60-60-60	2.29-3.50-2.90
1881 Mich.	7	1 M.	60-60-60	2.50-2.50-2.50
1881 N. H.	190	2 M.	60-72-66	1.15-1.65-1.40
1881 N. J.	190	1 M.	60-60-60	2.00-2.00-2.00
1881 N. Y.	190	21 M.	c 59-84-65	1.34-4.60-2.29
1881 N. C.	7	2 M.	(a)	.75- .75- .75
1881 Ohio	7	1 M.	60-60-60	2.25-2.25-2.25
1881 Ohio	363	99 M.	d 55-72-63	1.20-3.68-2.11
1881 Pa.	190	4 M.	60-72-63	1.75-2.64-2.22
1881 R. I.	7	1 M.	66-66-66	3.25-3.25-3.25
1881 R. I.	190	1 M.	72-72-72	3.25-3.25-3.25
1881 Australia	34	(a) M.	60-60-60	2.64-2.64-2.64
1881 Br. India	459	(a) (a)	(a)	.09- .67- —
1881 England	27	(a) (a)	56-56-56	.84-2.00- —
1881 England	575	(a) M.	81-84 —	1.05-1.25- —
1881 France	16	(a) M.	(a)	1.16-1.16-1.16
1881 Hawai. Is.	24	(a) (a)	(a)	3.83-5.75- —
1882 Conn.	7	1 M.	66-66-66	1.50-1.50-1.50
1882 Conn.	190	2 M.	60-60-60	2.25-2.50-2.38
1882 Conn.	202	1 M.	(a)	3.00-3.00-3.00
1882 Ga.	7	2 M.	c 72-72-72	1.50-2.00-1.75
1882 Ky.	7	2 M.	60-66-63	1.75-2.00-1.88
1882 Me.	7	2 M.	c 66-66-66	1.25-1.75-1.50
1882 Md.	190	1 M.	60-60-60	2.00-2.00-2.00
1882 Mass.	190	2 M.	60-60-60	2.29-3.72-3.01
1882 Mo.	7	1 M.	59-59-59	3.00-3.00-3.00
1882 N. H.	190	2 M.	60-72-66	1.15-1.65-1.40
1882 N. J.	321	32 M.	e 60-72-67	1.50-3.00-2.11
1882 N. Y.	7	1 M.	(a)	1.50-1.50-1.50
1882 N. Y.	190	19 M.	c 59-84-62	1.34-4.60-2.33
1882 N. C.	7	2 M.	c 72-72-72	1.50-1.50-1.50
1882 Ohio	7	1 M.	60-60-60	2.00-2.00-2.00
1882 Ohio	364	426 (a)	(f)	.83-4.17-1.99
1882 Pa.	190	6 M.	60-72-62	1.75-2.64-2.26
1882 R. I.	7	1 M.	60-60-60	2.25-2.25-2.25
1882 R. I.	190	1 M.	72-72-72	3.25-3.25-3.25
1882 S. C.	7	3 M.	c 61-69-65	.90-2.00-1.63
1882 Va.	7	1 M.	(a)	1.50-1.50-1.50
1882 W. Va.	7	2 M.	59-59-59	1.50-2.00-1.75
1882 Belgium	33	(a) (a)	75-75-75	.83- .83- .83
1882 Belgium	36	(a) M.	70-70-70	1.17-1.17-1.17
1882 Belgium	38	(a) (a)	(a)	.77- .96- —
1882 Belgium	40	(a) M.	72-72-72	.90- .90- .90
1882 Br. India	459	(a) (a)	(a)	.09- .67- —
1882 Canada	33	(a) (a)	60-60-60	1.50-1.50-1.50
1882 England	33	(a) (a)	g 56-56-56	.84-2.00- —
1882 England	575	(a) M.	81-84 —	1.05-1.22- —
1882 France	16	(a) M.	(a)	1.16-1.16-1.16
1882 France	33	(a) (a)	72-72-72	.97-1.16- —
1882 France	40	(a) M.	72-72-72	4.00-4.00-4.00
1882 Germany	33	(a) M.	76-84 —	.63- .72- —
1882 Germany	554	(a) (a)	h 58-66 —	.71-1.19- —
1882 Italy	33	(a) (a)	66-66-66	.67- .67- .67
1882 Russia	33	(a) M.	84-84-84	.83- .83- .83
1882 St. Thomas	75	(a) M.	(a)	.40- .40- .40
1883 Ala.	7	1 M.	(a)	3.50-3.50-3.50
1883 Conn.	8	1 M.	60-60-60	2.00-2.00-2.00
1883 Conn.	190	2 M.	60-60-60	2.25-2.75-2.50
1883 Ga.	7	3 M.	c 66-69-68	.83-2.75-1.86
1883 Ky.	7	1 M.	(a)	2.00-2.00-2.00
1883 Md.	190	2 M.	60-60-60	2.00-2.00-2.00
1883 Mass.	7	1 M.	(a)	3.00-3.00-3.00
1883 Mass.	190	2 M.	60-60-60	2.29-4.00-3.15
1883 Mass.	273	75 M.	(a)	1.25-5.00-2.48
1883 Miss.	7	1 M.	(a)	2.92-2.92-2.92
1883 N. H.	190	2 M.	60-72-66	1.15-1.65-1.40
1883 N. J.	7	4 M.	60-75-64	2.00-2.50-2.29
1883 N. J.	190	1 M.	60-60-60	2.00-2.00-2.00
1883 N. J.	322	299 M.	i 48-72-58	1.33-3.00-2.03
1883 N. Y.	7	1 M.	59-59-59	1.42-1.42-1.42
1883 N. Y.	190	15 M.	c 59-84-64	1.17-4.60-2.29
1883 N. C.	7	1 M.	60-60-60	1.00-1.00-1.00
1883 Ohio	7	2 M.	60-60-60	2.50-3.00-2.75
1883 Ohio	365	6 M.	(a)	1.60-2.45-2.16
1883 Pa.	7	1 M.	(a)	2.00-2.00-2.00
1883 Pa.	190	5 M.	60-72-62	1.75-2.64-2.22
1883 R. I.	190	1 M.	72-72-72	2.50-2.50-2.50
1883 Tenn.	7	1 M.	66-66-66	3.00-3.00-3.00
1883 Br. India	459	(a) (a)	(a)	.09- .74- —
1883 England	43	(a) (a)	(a)	1.14-1.70- —
1883 England	45	(a) M.	j 56-56-56	1.13-1.87- —
1883 England	572	(a) M.	k 48-78 —	.81-2.43- —
1883 England	575	(a) M.	81-84 —	1.05-1.22- —
1883 France	16	(a) M.	(a)	1.16-1.16-1.16
1883 Germany	47	(a) (a)	72-75 —	.77- .89- —
1883 Germany	555	(a) (a)	l 60-66 —	.83-1.43- —
1883 Gr't Brit.	273	(a) M.	(a)	.81-2.43- —
1883 Ireland	572	(a) M.	54-60 —	.73- .97- —
1883 Russia	44	(a) (a)	(a)	4.60-5.37- —
1883 Scotland	43	(a) (a)	72-72-72	.79-1.08- —
1883 Scotland	178	(a) M.	54-54-54	1.28-1.41- —
1883 Scotland	572	(a) M.	n 50-72 —	.85-1.44- —
1884 Conn.	190	2 M.	60-60-60	2.00-2.75-2.38
1884 Fla.	7	1 M.	(a)	2.00-2.00-2.00
1884 Ga.	7	3 M.	c 66-66-66	1.33-2.75-2.06
1884 Ind.	7	1 M.	(a)	2.25-2.25-2.25
1884 Ky.	7	3 M.	54-66-62	2.00-3.33-2.78
1884 La.	7	2 M.	63-66-65	3.00-3.50-3.25
1884 Md.	190	1 M.	60-60-60	2.00-2.00-2.00
1884 Mass.	190	2 M.	60-60-60	2.08-4.00-3.04
1884 Mich.	7	1 M.	(a)	2.50-2.50-2.50
1884 Mich.	278	163 M.	(a)	.85-5.50-2.54
1884 Mo.	295	108 M.	o 70-70-70	2.50-2.74-2.74
1884 N. H.	190	2 M.	60-72-66	1.15-1.65-1.40
1884 N. J.	7	5 M.	p 56-60-59	2.00-2.33-2.10
1884 N. J.	190	1 M.	60-60-60	2.00-2.00-2.00
1884 N. J.	323	161 M.	q 54-84-67	1.33-3.67-1.92
1884 N. Y.	190	16 M.	c 59-84-64	1.67-4.60-2.28
1884 Ohio	7	3 M.	c 54-59-57	2.00-2.50-2.17
1884 Ohio	367	40 M.	(a)	1.00-2.75-1.94
1884 Pa.	7	5 M.	54-60-59	1.00-3.33-2.23
1884 Pa.	190	5 M.	60-72-62	1.75-3.00-2.29
1884 Pa.	388	195 M.	(a)	1.72-1.72-1.72
1884 R. I.	7	1 M.	60-60-60	3.00-3.00-3.00
1884 R. I.	190	1 M.	72-72-72	2.50-2.50-2.50
1884 Tenn.	7	2 M.	59-66-63	1.33-2.50-1.92
1884 Va.	7	2 M.	55-59-57	1.67-3.33-2.50
1884 W. Va.	7	3 M.	60-60-60	2.50-3.00-2.67
1884 Wis.	7	1 M.	60-60-60	2.00-2.00-2.00

a Not reported.
b Applies to but 12 of the 13 wage quotations.
c Not including hours of 1 person not reported.
d Not including hours of 20 persons not reported.
e Not including hours of 12 persons not reported.
f 54-112-64 hours; not including hours of 42 persons not reported.
g Applies to but 4 of the 6 wage quotations.
h Applies to but 3 of the 4 wage quotations.
i Not including hours of 37 persons not reported.
j Applies to but 4 of the 8 wage quotations.
k Applies to but 29 of the 31 wage quotations.
l Applies to but 1 of the 2 wage quotations.
n Applies to but 14 of the 15 wage quotations.
o Not including hours of 107 persons not reported.
p Not including hours of 2 persons not reported.
q Not including hours of 30 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884 Australia..	178	(a) (a)	48-48-48	1.62-2.92- —
1884 Aust-Hun .	178	(a) M.	60-72 —	.28- .87- —
1884 Belgium ..	178	(a) M.	78-78-78	.58-1.35- —
1884 Brazil	178	(a) M.	63-63-63	2.15-3.00- —
1884 Br. Guiana	178	(a) (a)	(a)	*b* .96-2.00- —
1884 Br. India..	459	(a) (a)	(a)	.09- .29- —
1884 Canada ...	178	(a) (a)	*c* 58-60 —	1.17-2.67- —
1884 C. of G'd H.	178	(a) (a)	(a)	.40-1.88- —
1884 Ceylon	178	(a) (a)	*d* 58-58-58	.30-5.00- —
1884 Colombia .	178	(a) (a)	60-60-60	2.02-4.03- —
1884 Cuba	178	(a) M.	72-72-72	*e* 1.47-1.47-1.47
1884 Ecuador ..	178	(a) M.	60-60-60	4.17-8.33- —
1884 England ..	178	(a) M.	*f* 48-84 —	.49-3.11- —
1884 England ..	575	(a) M.	58-84 —	1.05-1.22- —
1884 France	16	(a) M.	(a)	1.16-1.16-1.16
1884 France	178	(a) M.	72-72-72	.97-1.16- —
1884 Germany .	178	(a) M.	*g* 54-72 —	.50-6.67- —
1884 Germany .	178	(a) M.	(a)	*h* 1.32-1.32-1.32
1884 Germany .	178	(a) M.	42-42-42	*i* 2.56-3.19- —
1884 Germany .	556	(a) (a)	*j* 60-66 —	.77-1.01- —
1884 Ireland ...	178	(a) M.	54-60 —	.81-2.03- —
1884 Italy	178	(a) M.	*k* 42-72 —	.39-3.22- —
1884 Mexico ...	178	(a) (a)	*l* 60-60-60	2.50-4.16- —
1884 Netherl'ds	178	(a) M.	64-66 —	.73-1.20- —
1884 Peru	178	(a) M.	54-54-54	1.25-1.64- —
1884 Russia	178	(a) M.	60-63 —	.80-2.02- —
1884 Russia	178	(a) M.	(a)	*m*.32- .55- —
1884 S. Domingo	178	(a) (a)	60-60-60	2.08-4.17- —
1884 Scotland ..	49	(a) (a)	(a)	*n* .11¼-.13¾- —
1884 Scotland ..	178	(a) M.	54-84 —	.73-1.46- —
1884 Spain	178	(a) M.	*o* 54-84 —	.69-5.00- —
1884 Switzerl'd.	178	(a) M.	*p* 65-65-65	.82-1.55- —
1884 Turk. in A.	178	(a) (a)	54-54-54	.50- .83- —
1884 Wales	178	(a) M.	*q* 54-66 —	.97-1.70- —
1885 Ala	1	4 M.	72-72-72	2.00-2.00-2.00
1885 Ala	7	3 M.	*r* 66-66-66	1.08-3.50-2.19
1885 Ark	1	2 M.	60-60-60	3.00-3.00-3.00
1885 Cal.....	1	35 M.	60-72-62	1.40-6.00-4.10
1885 Conn.....	1	3 M.	60-66-62	2.00-2.62-2.37
1885 Conn.....	7	6 M.	*s* 60-60-60	1.25-3.00-2.06
1885 Conn.....	190	2 M.	60-60-60	2.00-2.75-2.38
1885 Del	1	33 M.	60-72-69	1.50-2.00-1.82
1885 Ga	1	1 M.	69-69-69	1.50-1.50-1.50
1885 Ga	7	2 M.	59-60-60	1.33-2.50-1.92
1885 Ill.....	1	73 M.	60-72-68	1.50-4.50-2.58
1885 Ill.....	7	5 M.	*t* 55-60-59	2.00-2.67-2.43
1885 Ind	1	53 M.	60-72-62	1.50-3.33-2.13
1885 Iowa	1	1 M.	60-60-60	3.00-3.00-3.00
1885 Iowa	7	2 M.	60-63-62	1.67-2.00-1.84
1885 Iowa	231	24 M.	63-63-63	1.67-1.67-1.67
1885 Ky	1	8 M.	60-66-62	1.50-3.00-2.02
1885 La	7	2 M.	55-60-58	2.00-3.00-2.50
1885 Me	1	23 M.	60-72-70	1.50-2.50-1.96
1885 Me	7	18 M.	*u* 60-66-62	1.40-2.50-1.87
1885 Md.....	1	25 M.	60-72-69	1.45-2.57-1.81
1885 Md.....	7	9 M.	*r* 54-72-61	1.50-3.00-2.35
1885 Md.....	190	1 M.	60-60-60	2.00-2.00-2.00
1885 Mass	1	59 M.	54-72-62	1.17-3.75-2.25
1885 Mass	7	12 M.	50-60-59	2.00-3.58-2.65
1885 Mass	190	2 M.	60-60-60	2.00-4.00-3.00
1885 Mich.....	1	9 M.	60-66-61	2.00-4.75-2.75
1885 Mich.....	7	1 M.	(a)	2.00-2.00-2.00
1885 Mich.....	279	116 M.	*v* 66-66-66	.85-4.50-2.51
1885 Mo	1	46 M.	48-72-58	1.35-5.33-2.25
1885 Mo	7	3 M.	59-60-60	2.00-3.00-2.50
1885 N. H	1	3 M.	60-66-62	1.66-3.00-2.55
1885 N. H	7	8 M.	*w* 66-66-66	1.35-1.75-1.48
1885 N. H	190	2 M.	60-72-66	1.20-1.65-1.43
1885 N. J	1	18 M.	45-60-55	1.33-3.50-1.99
1885 N. J	7	11 M.	*t* 55-60-58	1.67-2.50-2.14
1885 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1885 N. J	324	73 M.	*t* 42-84-68	1.33-2.50-1.93
1885 N. Y.....	1	104 M.	60-72-65	1.25-5.83-2.17
1885 N. Y.....	7	30 M.	*x* 49-60-58	1.67-4.17-2.82
1885 N. Y.....	190	14 M.	*t* 59-84-65	1.67-4.60-2.33
1885 N. Y.....	331	3 M.	(a)	2.50-2.50-2.50
1885 N. C.....	1	35 M.	60-69-62	1.00-2.83-2.50
1885 N. C.....	7	2 M.	*t* 66-66-66	1.25-1.25-1.25
1885 Ohio	1	204 M.	54-72-66	1.06-3.84-1.82
1885 Ohio	7	7 M.	*r* 58-60-59	2.00-3.00-2.40
1885 Ohio	367	41 M.	(a)	1.00-3.00-1.91
1885 Oregon....	1	10 M.	72-72-72	2.25-2.25-2.25
1885 Pa	1	225 M.	48-72-53	1.08-5.75-1.84
1885 Pa	7	13 M.	*s* 60-60-60	1.50-2.83-1.97
1885 Pa	190	5 M.	60-72-62	2.00-2.64-2.28
1885 Pa	389	215 M.	(a)	1.65-1.65-1.65
1885 R. I	7	1 M.	48-48-48	3.25-3.25-3.25
1885 R. I	190	1 M.	72-72-72	2.50-2.50-2.50
1885 S. C	7	1 M.	(a)	1.00-1.00-1.00
1885 Tenn.....	1	7 M.	60-72-70	1.25-2.10-1.68
1885 Tenn.....	7	3 M.	66-67-67	1.25-2.00-1.67
1885 Vt	1	7 M.	60-66-61	1.90-4.33-2.53
1885 Va	1	36 M.	60-72-65	1.13-3.20-1.78
1885 Va	7	1 M.	(a)	3.33-3.33-3.33
1885 W. Va.....	1	9 M.	60-66-61	1.25-2.50-1.81
1885 Wis	7	11 M.	59-72-62	1.50-5.00-2.45
1885 Belgium ..	1	(a) M.	72-72-72	.80- .80- .80
1885 Br. India ..	459	(a) (a)	(a)	.08¾-.29- —
1885 England ..	575	(a) M.	58-84 —	1.05-1.22- —
1885 France	1	(a) M.	66-72 —	.96-1.20- —
1885 France	16	(a) M.	(a)	1.16-1.16-1.16
1885 Germany..	547	(a) M.	(a)	.83- .89- —
1885 Gr't Brit ..	1	(a) M.	54-72 —	.74-2.00- —
1885 Italy	1	(a) M.	72-72-72	.58- .97- —
1886 Conn.....	190	2 M.	60-60-60	2.00-2.75-2.38
1886 Del	7	2 M.	72-72-72	2.08-2.08-2.08
1886 Ill.....	7	10 M.	*r* 54-72-61	2.00-3.33-2.65
1886 Ill.....	208	4 M.	48-48-48	3.00-3.00-3.00
1886 Ind	7	2 M.	60-60-60	1.92-2.00-1.96
1886 Iowa	7	6 M.	*r* 60-60-60	1.50-2.00-1.86
1886 Ky	8	1 M.	60-60-60	1.50-1.50-1.50
1886 Md.....	7	4 M.	*t* 48-60-56	1.67-2.50-2.06
1886 Md.....	190	1 M.	60-60-60	2.00-2.00-2.00
1886 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1886 Mass	190	2 M.	60-60-60	2.00-4.25-3.13
1886 Mich	7	13 M.	*y* 48-60-59	1.25-4.17-2.21
1886 Minn.....	7	1 M.	60-60-60	2.00-2.00-2.00
1886 N. H.....	190	2 M.	60-72-66	1.20-1.70-1.45
1886 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1886 N. J	325	107 M.	*v* 55-72-65	1.33-2.50-1.94

a Not reported.
b And lodging.
c Applies to but 10 of the 12 wage quotations.
d Applies to but 2 of the 4 wage quotations.
e And board.
f Applies to but 62 of the 86 wage quotations.
g Applies to but 34 of the 41 wage quotations.
h And rent, fuel, and uniform.
i And rent, fuel, and light.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 19 of the 23 wage quotations.
l Applies to but 4 of the 6 wage quotations.
m And lodging and uniform.
n Per hour.
o Applies to but 19 of the 31 wage quotations.
p Applies to but 3 of the 8 wage quotations.
q Applies to but 6 of the 9 wage quotations.
r Not including hours of 2 persons not reported.
s Not including hours of 3 persons not reported.
t Not including hours of 1 person not reported.
u Not including hours of 15 persons not reported.
v Not including hours of 20 persons not reported.
w Not including hours of 7 persons not reported.
x Not including hours of 8 persons not reported.
y Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	2	4 M.	56-56-56	3.17-3.17-3.17
1886 N. Y.	7	14 M.	a54-60-59	1.33-3.33-2.15
1886 N. Y.	190	15 M.	b59-84-64	1.67-4.60-2.30
1886 Pa.	7	54 M.	c48-64-60	1.42-4.17-2.44
1886 Pa.	190	5 M.	60-72-62	2.00-3.00-2.35
1886 R. I.	7	3 M.	60-60-60	2.00-3.58-2.78
1886 R. I.	190	1 M.	60-60-60	2.50-2.50-2.50
1886 Antigua	65	(d) M.	(d)	.48- .48- .48
1886 Argentina	57	(d) M.	(d)	5.00-6.67- —
1886 Belgium	452	(d) (d)	(d)	.27- .97- —
1886 Br. India	459	(d) (d)	(d)	.08- .30- —
1886 C. of G'd H.	483	(d) (d)	(d)	.41-3.73- —
1886 Cuba	175	(d) (d)	(d)	3.31-3.91-3.91
1886 England	6	(d) M.	(d)	1.32-1.32-1.32
1886 England	66	(d) (d)	(d)	1.38-1.38-1.38
1886 England	67	(d) M.	e56-56-56	1.06-2.33- —
1886 England	575	(d) M.	58-84 —	1.05-1.22- —
1886 England	600	(d) M.	57-57-57	.98-2.27- —
1886 England	601	(d) M.	f56-57 —	.84-1.46- —
1886 England	602	(d) M.	(d)	.64-1.11- —
1886 England	603	(d) M.	g84-84-84	.76-1.19- —
1886 England	604	(d) M.	h54-54-54	.68-1.24- —
1886 France	16	(d) M.	(d)	1.16-1.16-1.16
1886 France	66	(d) M.	(d)	.87- .87- .87
1886 Germany	66	(d) (d)	(d)	.71- .71- .71
1886 Germany	548	(d) (d)	(d)	1.11-1.63- —
1886 Gr't Brit.	601	(d) M.	56-57 —	1.14-1.38- —
1886 Gr't Brit.	602	(d) M.	(d)	.59- .91- —
1886 Gr't Brit.	603	(d) M.	84-84-84	.96- .96- .96
1886 Gr't Brit.	604	(d) M.	i54-54-54	.79- .82- —
1886 Gr't Brit.	604	(d) M.	(d)	j1.46-1.99- —
1886 Ireland	600	(d) M.	57-57-57	2.44-2.44-2.44
1886 Ireland	603	(d) M.	84-84-84	.90- .90- .90
1886 Ireland	604	(d) M.	(d)	.63- .63- .63
1886 Italy	633	(d) M.	66-66-66	.64- .64- .64
1886 Scotland	67	(d) M.	56-57 —	1.01-1.22- —
1886 Scotland	600	(d) M.	57-57-57	.91-1.66- —
1886 Scotland	601	(d) M.	56-56-56	.71-1.13- —
1886 Scotland	602	(d) M.	(d)	.72- .98- —
1886 Scotland	603	(d) M.	(d)	1.02-1.02-1.02
1886 Scotland	604	(d) M.	k54-54-54	.79-1.03- —
1886 Wales	602	(d) M.	(d)	.95-1.08- —
1886 Wales	604	(d) M.	i54-54-54	1.04-1.11- —
1887 Conn.	4	24 M.	(d)	1.50-3.07-1.92
1887 Conn.	190	2 M.	60-60-60	2.00-2.75-2.38
1887 Conn.	202	72 M.	(d)	1.75-4.59-2.72
1887 Del.	4	1 M.	(d)	l.13- .13- .13
1887 Fla.	4	9 M.	(d)	1.00-1.53-1.37
1887 Md.	4	71 M.	(d)	.77-3.75-1.64
1887 Md.	190	1 M.	60-60-60	2.00-2.00-2.00
1887 Mass.	4	43 M.	(d)	1.50-4.00-2.31
1887 Mass.	190	2 M.	60-60-60	2.00-4.25-3.13
1887 Mich.	4	14 M.	n60-60-60	1.25-2.30-1.81
1887 Mich.	4	1 M.	(d)	l.20- .20- .20
1887 Mo.	4	8 M.	(d)	1.65-2.68-1.87
1887 Mo.	297	2 M.	74-74-74	2.10-2.10-2.10
1887 N. H.	190	2 M.	60-60-60	1.25-1.70-1.48
1887 N. J.	4	39 M.	(d)	.50-3.64-1.94
1887 N. J.	190	1 M.	60-60-60	2.00-2.00-2.00
1887 N. Y.	4	85 M.	(d)	0.38-4.22-2.10
1887 N. Y.	7	2 M.	b60-60-60	1.50-2.00-1.75
1887 N. Y.	190	15 M.	b60-84-64	1.67-4.60-2.27
1887 Ohio	369	71 M.	54-72-60	1.25-2.75-1.94
1887 Oregon	4	8 M.	(d)	.58-2.88-2.34
1887 Pa.	4	81 M.	o60-60-60	1.05-3.07-1.63
1887 Pa.	4	11 M.	(d)	l.13- .25-.17½
1887 Pa.	190	5 M.	60-72-62	2.00-3.00-2.35
1887 Pa.	390	65 M.	p60-72-65	1.70-3.25-2.67
1887 R. I.	4	6 M.	(d)	1.50-2.25-1.86
1887 R. I.	190	1 M.	60-60-60	2.50-2.50-2.50
1887 Va.	4	1 M.	(d)	1.34-1.34-1.34
1887 Wis.	4	14 M.	(d)	1.50-3.07-2.08
1887 Australia	420	(d) (d)	(d)	1.62-2.03- —
1887 Br. India	459	(d) (d)	(d)	.11- .22- —
1887 England	575	(d) M.	58-84 —	1.05-1.22- —
1887 France	16	(d) M.	(d)	1.16-1.16-1.16
1887 Germany	75	(d) M.	66-66-66	.72- .72- .72
1887 Germany	557	(d) (d)	q36-66 —	.83-2.28- —
1887 Germany	557	(d) (d)	48-69 —	r1.07-1.07-1.07
1887 Netherl'ds	598	(d) (d)	66-72 —	.73-1.22- —
1888 Cal.	194	2 M.	b61-61-61	3.75-5.00-4.38
1888 Colo.	198	22 M.	(d)	1.73-2.09-1.92
1888 Conn.	6	1 M.	(d)	3.25-3.25-3.25
1888 Conn.	8	1 M.	60-60-60	2.50-2.50-2.50
1888 Conn.	190	2 M.	60-60-60	2.00-2.75-2.38
1888 Del.	6	1 M.	(d)	1.83-1.83-1.83
1888 Ill.	5	7 M.	60-84-67	1.92-3.25-2.67
1888 Ill.	209	4 M.	(d)	1.63-2.29-1.80
1888 Ind.	5	1 M.	(d)	2.13-2.13-2.13
1888 Kans.	242	95 M.	s60-72-67	1.25-4.17-2.08
1888 Md.	190	1 M.	60-60-60	2.00-2.00-2.00
1888 Mass.	6	2 M.	b60-60-60	2.50-3.17-2.84
1888 Mass.	190	3 M.	60-60-60	1.65-4.25-2.52
1888 Mich.	280	123 M.	48-78-61	.80-3.83-2.15
1888 N. H.	6	1 M.	(d)	1.50-1.50-1.50
1888 N. H.	190	2 M.	60-60-60	1.25-1.75-1.50
1888 N. J.	190	1 M.	60-60-60	2.00-2.00-2.00
1888 N. J.	326	60 M.	(d)	1.50-3.50-2.31
1888 N. Y.	5	1 M.	(d)	1.67-1.67-1.67
1888 N. Y.	6	5 M.	a60-60-60	1.76-3.17-2.43
1888 N. Y.	7	1 M.	48-48-48	2.17-2.17-2.17
1888 N. Y.	190	12 M.	b59-84-65	1.67-4.60-2.48
1888 N. Y.	331	532 M.	t48-84-63	1.00-5.00-2.45
1888 N. Y.	331	2 M.	(d)	l.27½-.27½-.27½
1888 N. Y.	331	1 M.	58-58-58	u2.00-2.00-2.00
1888 N. Y.	331	1 M.	60-60-60	v1.83-1.83-1.83
1888 N. Y.	331	1 M.	(d)	w2.00-2.00-2.00
1888 N. C.	6	1 M.	(d)	3.00-3.00-3.00
1888 Ohio	5	2 M.	84-84-84	2.40-2.40-2.40
1888 Ohio	370	21 M.	x54-72-62	1.75-3.07-2.61
1888 Pa.	5	13 M.	y84-84-84	1.05-5.00-2.32
1888 Pa.	190	5 M.	60-72-62	2.00-3.24-2.48
1888 R. I.	6	7 M.	z60-60-60	1.67-3.33-2.43
1888 R. I.	190	1 M.	60-60-60	2.50-2.50-2.50
1888 S. C.	6	1 M.	66-66-66	1.50-1.50-1.50
1888 Tenn.	5	7 M.	(d)	1.40-2.00-1.79
1888 Va.	5	16 M.	a60-84-78	1.00-2.30-1.64
1888 W. Va.	5	9 M.	60-72-67	1.50-2.66-2.10

a Not including hours of 3 persons not reported.
b Not including hours of 1 person not reported.
c Not including hours of 17 persons not reported.
d Not reported.
e Applies to but 1 of the 4 wage quotations.
f Applies to but 9 of the 11 wage quotations.
g Applies to but 2 of the 12 wage quotations.
h Applies to but 7 of the 27 wage quotations.
i Applies to but 1 of the 2 wage quotations.
j And food.
k Applies to but 1 of the 10 wage quotations.
l Per hour.
n Not including hours of 5 persons not reported.
o Not including hours of 76 persons not reported.
p Not including hours of 60 persons not reported.
q Applies to but 13 of the 19 wage quotations.
r And lodging.
s Not including hours of 26 persons not reported.
t Not including hours of 99 persons not reported.
u And board.
v And rent and fuel.
w And a percentage.
x Not including hours of 7 persons not reported.
y Not including hours of 2 persons not reported.
z Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Australia	432	(a) M.	(a)	1.70-1.70-1.70
1888 Brazil	83	(a) M.	(a)	2.68-2.68-2.68
1888 Br. India	459	(a) (a)	(a)	.10- .23- —
1888 C. of G'd H.	484	(a) M.	(a)	.37-5.68- —
1888 England	5	(a) M.	b 84-84-84	.39- .91- —
1888 England	6	(a) M.	(a)	1.28-1.62- —
1888 England	179	(a) (a)	(a)	1.20-1.20-1.20
1888 England	575	(a) M.	58-84 —	1.05-1.22- —
1888 France	6	(a) M.	(a)	1.21-1.45- —
1888 France	16	(a) M.	(a)	1.16-1.16-1.16
1888 France	463	(a) (a)	71-71-71	.90- .90- .90
1888 Germany	5	(a) M.	56-60 —	.54- .95- —
1888 Germany	5	(a) M.	(a)	c .59- .59- .59
1888 Germany	6	(a) M.	(a)	.52- .60- —
1888 Germany	558	(a) (a)	d 45-78 —	.77-2.28- —
1888 Germany	558	(a) (a)	(a)	e .82-1.64- —
1888 Switzerl'd	6	(a) (a)	(a)	.66-1.27- —
1889 Ala	5	73 M.	f 48-84-67	1.10-3.48-2.13
1889 Cal	6	2 M.	(a)	3.00-4.84-3.92
1889 Colo	189	20 (a)	(a)	2.50-2.50-2.50
1889 Conn	6	3 M.	(a)	1.84-3.25-2.53
1889 Conn	190	2 M.	60-60-60	2.00-2.75-2.38
1889 Del	5	4 M.	60-60-60	2.25-2.25-2.25
1889 Ga	5	4 M.	f 84-84-84	1.50-1.55-1.53
1889 Ga	6	1 M.	66-66-66	5.00-5.00-5.00
1889 Ill	5	94 M.	g 60-72-65	1.50-4.41-2.32
1889 Ill	209	45 M.	(a)	1.52-3.00-2.06
1889 Ind	5	22 M.	h 60-72-63	1.53-2.30-2.00
1889 Ind	6	2 M.	60-60-60	1.67-3.00-2.34
1889 Ind	189	2 (a)	(a)	3.50-3.50-3.50
1889 Kans	189	1 (a)	(a)	1.50-1.50-1.50
1889 Kans	243	164 M.	i 54-90-65	1.00-3.50-2.04
1889 Me	6	1 M.	(a)	2.50-2.50-2.50
1889 Me	255	1 M.	60-60-60	2.00-2.00-2.00
1889 Md	5	18 M.	60-72-62	1.67-2.50-2.20
1889 Md	6	1 M.	(a)	1.38-1.38-1.38
1889 Md	190	1 M.	60-60-60	2.00-2.00-2.00
1889 Mass	6	17 M.	j 60-60-60	2.13-4.17-2.62
1889 Mass	190	3 M.	60-60-60	1.65-4.25-2.52
1889 Mich	5	116 M.	f 60-84-62	1.57-3.27-1.95
1889 Mich	281	45 M.	60-60-60	.67-3.83-2.01
1889 Minn	5	14 M.	60-60-60	2.05-2.31-2.16
1889 Miss	6	1 M.	(a)	1.25-1.25-1.25
1889 Mo	5	27 M.	k 72-72-72	1.00-3.00-1.73
1889 Mo	6	2 M.	(a)	1.40-2.75-2.08
1889 Mo	299	64 (a)	(a)	1.04-3.00-1.77
1889 N. H	6	11 M.	j 60-60-60	1.75-3.00-2.48
1889 N. H	190	2 M.	60-60-60	1.25-1.75-1.50
1889 N. J	6	3 M.	60-72-68	1.53-2.83-2.03
1889 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1889 N. Y	5	62 M.	l 60-84-66	1.30-2.73-1.93
1889 N. Y	6	6 M.	n 60-60-60	1.75-3.00-2.07
1889 N. Y	189	2 (a)	(a)	3.25-3.25-3.25
1889 N. Y	190	17 M.	f 59-84-64	1.50-4.60-2.25
1889 N. C	6	1 M.	(a)	1.50-1.50-1.50
1889 Ohio	5	170 M.	o 50-84-70	1.35-4.00-2.12
1889 Pa	5	245 M.	p 45-84-67	1.20-4.00-2.15
1889 Pa	6	5 M.	(a)	2.21-2.67-2.39
1889 Pa	190	5 M.	60-72-62	2.00-3.24-2.50
1889 R. I	6	2 M.	(a)	2.50-2.91-2.71
1889 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1889 Tenn	5	23 M.	g 60-84-78	1.30-2.96-1.98
1889 Tenn	6	3 M.	f 66-66-66	1.00-4.79-3.21
1889 Va	5	20 M.	q 60-84-74	1.25-2.50-2.05
1889 Va	6	2 M.	(a)	1.25-2.75-2.00
1889 W. Va	5	38 M.	r 49-84-66	1.05-3.15-2.24
1889 Wis	5	11 M.	q 60-60-60	1.50-2.50-1.90
1889 Australia	422	(a) (a)	48-55 —	1.70-2.92- —
1889 Australia	430	(a) (a)	(a)	1.46-1.70- —
1889 Australia	432	(a) M.	(a)	1.83-2.19- —
1889 Belgium	5	(a) M.	s 60-72 —	.22-1.94- —
1889 Br. India	459	(a) (a)	(a)	.10- .22- —
1889 Canada	5	(a) M.	t 54-84 —	1.10-1.65- —
1889 Canada	481	(a) M.	(a)	1.50-2.00- —
1889 England	5	(a) M.	u 52-84 —	.25-1.86- —
1889 England	6	(a) M.	v 57-60 —	1.22-2.44- —
1889 England	575	(a) M.	54-84 —	1.22-1.28- —
1889 England	576	(a) M.	(a)	1.06-1.06-1.06
1889 France	5	(a) M.	w 63-84 —	.30-1.40- —
1889 France	6	(a) M.	(a)	.68- .97- —
1889 France	16	(a) M.	(a)	1.16-1.16-1.16
1889 Germany	5	(a) M.	x 48-72 —	.36-1.31- —
1889 Germany	6	(a) M.	y 72-72-72	.76- .86- —
1889 Germany	534	(a) (a)	(a)	.59- .63- —
1889 Germany	550	(a) M.	72-78 —	1.07-1.23- —
1889 Ireland	6	(a) M.	56-56-56	.57- .57- .57
1889 Italy	5	(a) M.	(a)	.72-1.30- —
1889 Italy	637	(a) M.	60-60-60	.50- .50- .50
1889 Scotland	5	(a) M.	z 60-66 —	.81-1.48- —
1889 Spain	5	(a) M.	78-78-78	1.53-1.53-1.53
1890 Ala	5	14 M.	f 60-84-70	1.50-3.00-2.18
1890 Ala	6	3 M.	f 69-69-69	3.25-3.67-3.47
1890 Cal	195	2 M.	(a)	2.50-2.50-2.50
1890 Conn	190	3 M.	60-60-60	2.00-2.75-2.50
1890 Conn	203	4 M.	(a)	2.50-3.33-2.90
1890 Ill	6	10 M.	g 60-84-68	1.75-2.50-2.12
1890 Ind	6	11 M.	60-60-60	1.50-2.50-2.41
1890 Ky	6	1 M.	(a)	3.00-3.00-3.00
1890 La	6	2 M.	(a)	4.00-4.00-4.00
1890 Md	6	5 M.	48-84-64	1.25-2.67-1.92
1890 Md	190	1 M.	60-60-60	2.00-2.00-2.00
1890 Mass	6	1 M.	(a)	2.67-2.67-2.67
1890 Mass	190	3 M.	60-60-60	1.65-4.25-2.52
1890 Mich	5	4 M.	60-60-60	2.00-2.00-2.00
1890 Mich	282	108 M.	60-60-60	.50-3.75-1.87
1890 Miss	6	1 M.	(a)	3.19-3.19-3.19
1890 Mo	6	1 M.	(a)	1.97-1.97-1.97
1890 N. H	6	2 M.	60-60-60	1.50-2.00-1.75
1890 N. H	190	2 M.	60-60-60	1.25-1.75-1.50
1890 N. J	6	20 M.	(aa)	1.20-3.50-1.83
1890 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1890 N. Y	6	8 M.	l 60-60-60	1.50-2.50-1.97
1890 N. Y	190	15 M.	(bb)	1.67-4.60-2.34
1890 N. Y	333	1014 M.	(a)	.67-7.33-2.26
1890 N. Y	333	2 M.	(a)	(cc)
1890 N. C	6	6 M.	(a)	1.00-2.50-1.72

a Not reported.
b Applies to but 1 of the 26 wage quotations.
c And $0.0238 per 100 tons of coal raised.
d Applies to but 24 of the 28 wage quotations.
e And lodging.
f Not including hours of 2 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 21 persons not reported.
j Not including hours of 9 persons not reported.
k Not including hours of 25 persons not reported.
l Not including hours of 7 persons not reported.
n Not including hours of 5 persons not reported.
o Not including hours of 20 persons not reported.
p Not including hours of 79 persons not reported.
q Not including hours of 8 persons not reported.
r Not including hours of 16 persons not reported.
s Applies to but 27 of the 45 wage quotations.
t Applies to but 13 of the 16 wage quotations.
u Applies to but 39 of the 85 wage quotations.
v Applies to but 3 of the 9 wage quotations.
w Applies to but 7 of the 19 wage quotations.
x Applies to but 7 of the 30 wage quotations.
y Applies to but 3 of the 8 wage quotations.
z Applies to but 4 of the 5 wage quotations.
aa 60-84-69 hours; not including hours of 6 persons not reported.
bb 54-84-63 hours; not including hours of 1 person not reported.
cc $1.13-$1.13-$1.13, and rent.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Ohio	5	4 M.	72-84-78	1.00-2.20-1.60
1890 Ohio	6	4 M.	60-84-69	1.75-2.00-1.94
1890 Ohio	371	448 (a)	42-84-61	1.17-5.00-2.13
1890 Pa	5	12 M.	b 54-84-71	1.00-2.40-1.65
1890 Pa	6	14 M.	c 60-84-64	1.83-3.00-2.40
1890 Pa	190	5 M.	60-72-62	2.00-3.24-2.50
1890 R. I	6	1 M.	(a)	2.38-2.38-2.38
1890 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1890 Tenn	6	2 M.	(a)	3.00-3.07-3.04
1890 Wis	5	8 M.	55-84-77	2.35-3.25-2.69
1890 Australia	423	(a) (a)	48-54 —	1.62-4.06- —
1890 Belgium	5	(a) M.	(a)	.41- .70- —
1890 Br. India	459	(a) (a)	(a)	.12- .29- —
1890 C. of G'd H.	484	(a) M.	(a)	.73-6.08- —
1890 Ecuador	180	(a) M.	54-54-54	4.60-4.60-4.60
1890 England	5	(a) M.	(a)	.98-1.44- —
1890 England	6	(a) M.	57-70 —	1.62-1.82- —
1890 England	180	(a) M.	84-84-84	.94- .94- .94
1890 England	575	(a) M.	54-84 —	1.22-1.36- —
1890 England	576	(a) M.	d 48-72 —	1.21-1.63- —
1890 France	16	(a) M.	(a)	1.16-1.16-1.16
1890 Germany	5	(a) M.	84-84-84	.82- .82- .82
1890 Germany	6	(a) M.	e 66-66-66	.59- .85- —
1890 Germany	180	(a) M.	67-67-67	1.05-1.05-1.05
1890 Ireland	6	(a) M.	56-56-56	1.22-1.22-1.22
1890 Italy	638	(a) M.	f 60-60-60	.49- .52- —
1890 Netherl'ds	666	(a) M.	(a)	.44-1.21- —
1890 Netherl'ds	666	(a) M.	(a)	g .44- .44- .44
1890 Norway	632	(a) M.	60-60-60	.79- .79- .79
1890 Scotland	6	(a) M.	56-65 —	.85-1.01- —
1890 Switzerl'd.	6	(a) M.	(a)	.97- .97- .97
1890 Uruguay	180	(a) M.	60-60-60	8.22-8.22-8.22
1891 Conn	190	3 M.	60-60-60	2.25-3.00-2.67
1891 Fla	9	4 M.	60-60-60	1.92-4.79-2.80
1891 Ill	6	4 (a)	72-84-78	2.68-3.00-2.84
1891 Kans	245	8 M.	60-60-60	1.60-2.50-2.39
1891 Kans	246	59 M.	60-60-60	2.07-2.07-2.07
1891 Me	257	6 M.	60-72-66	1.67-2.50-2.01
1891 Md	190	1 M.	60-60-60	2.00-2.00-2.00
1891 Mass	190	3 M.	60-60-60	1.65-4.25-2.52
1891 Mich	191	1 M.	60-60-60	3.00-3.00-3.00
1891 Minn	191	2 M.	60-60-60	2.00-3.00-2.50
1891 Mo	300	7 M.	(a)	1.50-4.09-2.25
1891 N. H	190	2 M.	60-60-60	1.25-1.75-1.50
1891 N. J	6	1 M.	60-60-60	2.08-2.08-2.08
1891 N. J	190	1 M.	60-60-60	2.00-2.00-2.00
1891 N. Y	190	17 M.	h 54-84-63	2.00-4.60-2.38
1891 N. Y	333	1213 M.	(a)	.67-7.33-2.26
1891 N. Y	333	2 M.	(a)	i 1.13-1.13-1.13
1891 Ohio	372	993 M.	j 48-84-62	.75-5.00-2.10
1891 Pa	8	1 M.	60-60-60	2.75-2.75-2.75
1891 Pa	190	5 M.	60-72-62	2.00-3.24-2.50
1891 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1891 S. C	9	22 M.	c 60-60-60	1.50-3.20-2.15
1891 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1891 Wis	411	1 M.	(a)	k 3.51-3.51-3.51
1891 Belgium	457	(a) M.	60-66 —	.68- .74- —
1891 Belgium	632	(a) (a)	(a)	.48- .89- —
1891 Br. India	459	(a) (a)	(a)	0.11-0.26- —
1891 Br. India	620	(a) M.	l 56-70 —	.07- .14- —
1891 England	123	(a) (a)	(a)	1.46-1.46-1.46
1891 England	576	(a) M.	m 53-84 —	.97-1.62- —
1891 England	632	(a) M.	(a)	.85-1.34- —
1891 England	632	(a) M.	70-77 —	n 1.48-1.48-1.48
1891 France	16	(a) M.	(a)	1.16-1.16-1.16
1891 France	505	(a) M.	60-66 —	1.16-1.93- —
1891 France	505	(a) M.	60-66 —	o .85-1.31- —
1891 Gr't Brit	576	(a) M.	p 54-54-54	1.15-1.41- —
1891 Ireland	576	(a) M.	l 54-54-54	1.05-1.38- —
1891 Italy	505	(a) M.	(a)	.29-1.64- —
1891 Italy	638	(a) M.	q 48-66 —	.29- .97- —
1891 Italy	639	(a) M.	r 72-72-72	.39- .87- —
1891 Scotland	576	(a) M.	s 54-54-54	1.14-1.37- —
1891 Scotland	577	(a) M.	60-60-60	1.16-1.28- —
1891 Wales	577	(a) M.	t 63-84 —	.76-1.29- —
1892 Cal	196	10 M.	54-66-59	1.34-5.50-3.22
1892 Conn	20	1 M.	60-60-60	2.25-2.25-2.25
1892 Conn	190	2 M.	60-60-60	2.00-3.00-2.50
1892 Fla	9	62 M.	54-66-61	1.00-4.00-1.93
1892 Ind	227	122 M.	48-72-61	1.25-3.00-1.84
1892 Iowa	255	6 M.	60-72-68	1.45-1.92-1.67
1892 Kans	246	61 M.	60-60-60	2.11-2.11-2.11
1892 Me	258	64 M.	60-60-60	2.30-2.30-2.30
1892 Md	190	1 M.	60-60-60	2.00-2.00-2.00
1892 Mass	8	3 M.	60-60-60	2.00-2.50-2.17
1892 Mass	20	2 M.	h 54-54-54	2.00-3.30-2.65
1892 Mass	190	6 M.	58-72-63	1.75-4.80-2.67
1892 Mich	191	1 M.	60-60-60	3.00-3.00-3.00
1892 Minn	191	2 M.	60-60-60	2.00-3.00-2.50
1892 N. H	190	1 M.	60-60-60	1.25-1.25-1.25
1892 N. J	190	1 M.	60-60-60	2.25-2.25-2.25
1892 N. Y	20	2 M.	60-77-69	2.20-2.31-2.26
1892 N. Y	190	8 M.	60-66-62	2.00-4.60-2.83
1892 Ohio	20	9 M.	84-84-84	2.00-2.50-2.39
1892 Ohio	373	437 (a)	u 48-72-65	.90-3.83-2.04
1892 Ohio	373	1 (a)	(a)	v .20- .20- .20
1892 Pa	20	4 M.	60-60-60	2.00-2.67-2.35
1892 Pa	190	6 M.	60-60-60	2.20-2.67-2.45
1892 R. I	20	1 M.	(a)	3.00-3.00-3.00
1892 R. I	190	1 M.	60-60-60	3.00-3.00-3.00
1892 R. I	399	11 M.	53-60-57	1.75-2.00-1.98
1892 S. C	9	6 M.	h 60-60-60	1.60-3.45-2.74
1892 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1892 Algeria	505	(a) M.	w 57-70 —	.77-1.93- —
1892 Algeria	505	(a) M.	70-70-70	o .97- .97- .97
1892 Australia	114	(a) M.	(a)	2.19-3.65- —
1892 Australia	424	(a) M.	x 48-48-48	1.01-6.49- —
1892 Belgium	111	(a) M.	69-69-69	.80- .93- —
1892 Br. India	111	(a) M.	(a)	.44- .67- —
1892 Br. India	459	(a) (a)	(a)	.09½-.15- —
1892 C. of G'd H.	486	(a) M.	(a)	1.01-4.87- —
1892 C. of G'd H.	486	(a) M.	(a)	y .81-1.22- —
1892 England	111	(a) M.	z 57-57-57	1.21-1.93- —
1892 England	577	(a) M.	l 72-72-72	1.04-1.32- —
1892 England	578	(a) M.	f 53-53-53	.81-1.22- —
1892 England	632	(a) M.	aa 54-72	.73-1.48- —

a Not reported.
b Not including hours of 8 persons not reported.
c Not including hours of 3 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 2 of the 5 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g And lodging.
h Not including hours of 1 person not reported.
i And rent.
j Not including hours of 23 persons not reported.
k And board.
l Applies to but 2 of the 4 wage quotations.
m Applies to but 28 of the 45 wage quotations.
n And house and fuel.
o And *gratifications*.
p Applies to but 1 of the 3 wage quotations.
q Applies to but 16 of the 20 wage quotations.
r Applies to but 4 of the 5 wage quotations.
s Applies to but 4 of the 9 wage quotations.
t Applies to but 41 of the 45 wage quotations.
u Not including hours of 200 persons not reported.
v Per hour.
w Applies to but 9 of the 10 wage quotations.
x Applies to but 3 of the 12 wage quotations.
y And board and lodging.
z Applies to but 2 of the 3 wage quotations.
aa Applies to but 51 of the 56 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 France	16	(a) M.	(a)	1.16-1.16-1.16
1892 France	111	(a) M.	72-72-72	1.17-1.33- —
1892 France	505	(a) M.	b51-88 —	.39-2.12- —
1892 France	505	(a) M.	60-70 —	c.82-1.93- —
1892 France	505	(a) M.	60-84 —	d.58- .97- —
1892 France	505	(a) M.	53-66 —	e.58- .77- —
1892 France	505	(a) M.	60-77 —	f.76-1.16- —
1892 France	505	(a) M.	60-77 —	g.82-1.64- —
1892 France	505	(a) M.	60-60-60	h.83- .83- .83
1892 France	505	(a) M.	77-77-77	i1.11-1.11-1.11
1892 France	505	(a) F.	69-69-69	.39- .39- .39
1892 France	632	(a) M.	48-60 —	j1.35-1.35-1.35
1892 Gr't Brit	632	(a) M.	72-72-72	.97-1.46- —
1892 Italy	639	(a) M.	60-72 —	.68- .97- —
1892 Netherl'ds	111	(a) M.	64-64-64	.83-1.17- —
1892 Russia	111	(a) M.	(a)	1.00-1.00-1.00
1892 Scotland	632	(a) M.	54-72 —	1.01-1.34- —
1892 Spain	111	(a) M.	64-64-64	1.33-1.67- —
1892 Switzerl'd	111	(a) M.	65-65-65	1.10-1.10-1.10
1893 Ill	10	2 M.	60-84-72	1.67-3.00-2.34
1893 Md	8	1 M.	72-72-72	1.67-1.67-1.67
1893 Mass	8	3 M.	60-60-60	1.75-2.50-2.08
1893 Mass	20	2 M.	k63-63-63	2.00-3.30-2.65
1893 Mich	191	1 M.	60-60-60	3.00-3.00-3.00
1893 Mich	285	10 M.	57-81-64	1.50-2.30-1.83
1893 Minn	191	2 M.	60-60-60	2.00-3.00-2.50
1893 Mo	302	48 M.	l48-72-65	1.67-5.00-3.02
1893 Mo	303	21 M.	(a)	1.50-2.43-1.86
1893 Mont	307	4 (a)	60-60-60	3.00-3.69-3.52
1893 Mont	307	30 (a)	(a)	n2.27-2.27-2.27
1893 N. J	8	2 M.	84-84-84	1.60-1.60-1.60
1893 N. Y	20	2 M.	60-66-63	2.20-2.31-2.26
1893 N. C	8	1 M.	60-60-60	.50- .50- .50
1893 Ohio	374	1266 M.	o48-78-62	.83-5.00-2.13
1893 Pa	20	4 M.	60-60-60	2.00-2.67-2.35
1893 R. I	20	1 M.	(a)	3.00-3.00-3.00
1893 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1893 Wis	412	1 M.	(a)	2.08-2.08-2.08
1893 Australia	424	(a) M.	48-48-48	1.22-2.43- —
1893 Br. India	459	(a) (a)	(a)	.08½-.20- —
1893 England	578	(a) (a)	48-72 —	.96-1.17- —
1893 England	583	(a) M.	(a)	1.52-1.83- —
1893 France	16	(a) M.	(a)	1.16-1.16-1.16
1893 France	507	(a) (a)	60-60-60	.77-1.16- —
1893 Italy	639	(a) M.	p54-72 —	.42- .77- —
1893 N. Zealand	668	(a) M.	(a)	1.70-1.95- —
1894 Conn	20	6 M.	60-60-60	2.75-2.75-2.75
1894 D. C	8	3 M.	54-60-58	2.35-2.67-2.51
1894 Ga	8	5 M.	60-72-62	.75-2.75-1.85
1894 Ind	228	84 M.	48-72-60	.88-3.25-2.08
1894 Me	260	5 M.	54-60-59	1.50-2.50-1.94
1894 Md	8	6 M.	60-72-68	2.00-2.50-2.08
1894 Mass	8	11 M.	54-72-59	1.50-3.00-2.37
1894 Mass	20	3 M.	k63-63-63	2.00-3.30-2.43
1894 Mich	191	1 M.	60-60-60	2.70-2.70-2.70
1894 Minn	191	3 M.	60-60-60	2.00-2.56-2.35
1894 Mont	308	40 M.	(a)	3.37-3.50-3.43
1894 N. H	8	3 M.	53-53-53	1.75-2.75-2.33
1894 N. Y	8	56 M.	60-72-60	1.00-3.33-1.99
1894 N. Y	20	2 M.	60-66-63	2.20-2.31-2.26
1894 N. C	8	19 M.	60-72-63	.75-3.00-1.20
1894 Ohio	20	3 M.	84-84-84	1.85-2.50-2.28
1894 Ohio	375	1120 M.	q23-75-61	0.50-5.00-2.04
1894 Pa	20	4 M.	60-60-60	2.00-2.67-2.24
1894 R. I	20	1 M.	(a)	2.70-2.70-2.70
1894 W. Va	406	3 M.	60-72-66	1.25-2.75-2.00
1894 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1894 Australia	425	(a) (a)	r48-48-48	1.22-4.06- —
1894 Aust-Hun	434	(a) M.	(a)	.99-1.10- —
1894 Br. India	459	(a) (a)	(a)	.07- .16- —
1894 C. of G'd H	487	(a) M.	s48-66 —	.67-4.10- —
1894 England	590	(a) M.	(a)	1.28-1.40- —
1894 France	16	(a) M.	(a)	1.16-1.16-1.16
1894 Italy	634	(a) M.	(a)	.42- .77- —
1894 N. Zealand	669	(a) M.	(a)	1.71-1.95- —
1894 Spain	133	(a) (a)	(a)	.59- .67- —
1894 Wales	585	(a) M.	(a)	.72-1.26- —
1895 Ala	7	3 M.	60-66-64	2.25-3.50-3.08
1895 Conn	7	10 M.	k59-72-64	1.50-3.00-2.27
1895 Conn	8	17 M.	60-60-60	2.00-3.25-2.58
1895 Conn	20	5 M.	60-60-60	2.75-2.75-2.75
1895 Fla	8	1 M.	63-63-63	1.00-1.00-1.00
1895 Ga	7	13 M.	k51-66-64	1.00-3.00-1.95
1895 Ga	8	2 M.	66-66-66	1.75-2.00-1.88
1895 Ill	7	1 M.	55-55-55	2.67-2.67-2.67
1895 Ill	8	3 M.	54-60-58	2.33-3.83-2.83
1895 Iowa	7	2 M.	54-60-57	2.00-2.00-2.00
1895 La	7	4 M.	55-63-59	2.00-4.00-3.19
1895 Me	7	21 M.	55-60-60	1.50-3.00-2.00
1895 Me	8	3 M.	54-60-58	1.65-2.25-2.05
1895 Md	7	6 M.	54-60-58	1.50-2.67-2.14
1895 Md	8	7 M.	60-90-66	1.67-3.00-2.10
1895 Mass	7	29 M.	48-60-58	1.50-4.17-2.57
1895 Mass	8	77 M.	54-72-60	1.50-3.50-2.50
1895 Mass	20	3 M.	k54-54-54	2.00-3.30-2.43
1895 Mich	191	1 M.	60-60-60	2.70-2.70-2.70
1895 Minn	191	3 M.	60-60-60	2.00-2.56-2.35
1895 Miss	7	1 M.	60-60-60	2.92-2.92-2.92
1895 Mo	7	5 M.	59-60-60	2.00-3.33-2.67
1895 Mo	304	18 M.	(a)	1.51-4.85-2.95
1895 Mont	309	5 M.	(a)	1.53-2.25-1.86
1895 N. H	7	41 M.	60-66-61	1.25-3.00-1.76
1895 N. H	8	1 M.	60-60-60	2.00-2.00-2.00
1895 N. J	7	31 M.	l48-60-56	1.67-3.00-2.32
1895 N. J	8	34 M.	50-60-60	2.00-8.00-2.67
1895 N. Y	7	38 M.	48-60-58	1.67-4.17-2.98
1895 N. Y	8	174 M.	48-60-59	1.25-5.00-2.42
1895 N. Y	20	2 M.	60-66-63	2.20-2.31-2.26
1895 N. C	7	7 M.	k60-72-69	.90-1.50-1.20
1895 N. C	8	56 M.	54-72-63	.30-2.60-1.06
1895 Ohio	7	2 M.	58-60-59	2.50-3.33-2.92
1895 Ohio	8	12 M.	60-60-60	2.00-2.50-2.38
1895 Ohio	20	6 M.	84-84-84	1.85-2.85-2.35
1895 Ohio	376	1265 M.	u45-72-63	.75-4.80-2.08
1895 Pa	7	2 M.	60-60-60	2.08-3.33-2.71
1895 Pa	8	100 M.	42-60-59	1.25-3.50-2.55
1895 Pa	20	4 M.	60-60-60	2.00-2.67-2.24
1895 R. I	7	10 M.	55-66-59	1.67-4.17-2.60
1895 R. I	20	1 M.	(a)	3.00-3.00-3.00
1895 S. C	7	11 M.	54-66-64	.83-2.08-1.41
1895 S. C	8	2 M.	60-66-63	1.25-1.25-1.25
1895 Tenn	7	8 M.	59-67-66	1.00-3.33-2.16
1895 Tenn	8	2 M.	60-60-60	2.00-2.00-2.00
1895 Vt	8	2 M.	60-72-66	1.25-2.50-1.88

a Not reported.
b Applies to but 212 of the 215 wage quotations.
c And *gratifications*.
d And lodging.
e And lodging and fuel.
f And fuel.
g And lodging, fuel, and light.
h And board, fuel, and light.
i And house and garden.
j And a percentage on coal economized.
k Not including hours of 1 person not reported.
l Not including hours of 15 persons not reported.
n And board and lodging.
o Not including hours of 337 persons not reported.
p Applies to but 5 of the 13 wage quotations.
q Not including hours of 71 persons not reported.
r Applies to but 4 of the 15 wage quotations.
s Applies to but 5 of the 6 wage quotations.
t Not including hours of 2 persons not reported.
u Not including hours of 88 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Va	7	9 M.	54-72-63	1.15-3.33-2.00
1895 Va	8	1 M.	60-60-60	3.67-3.67-3.67
1895 W. Va	7	2 M.	59-60-60	2.00-2.33-2.17
1895 Wis	7	2 M.	59-60-60	2.00-2.00-2.00
1895 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1895 Wis	413	42 (a)	b48-90-65	1.50-5.00-2.39
1895 Australia	426	(a) (a)	c48-48-48	1.22-4.06- —
1895 Aust-Hun	440	(a) M.	(a)	.76- .76- .76
1895 Br. India	459	(a) (a)	(a)	.07- .17- —
1895 Canada	187	(a) M.	d48-72 —	1.00-3.07- —
1895 England	591	(a) M.	(a)	.89- .96- —
1895 France	16	(a) M.	(a)	1.16-1.16-1.16
1895 France	509	(a) (a)	60-60-60	1.06-1.06-1.06
1895 France	513	(a) M.	e48-72 —	.77-1.48- —
1895 N. Zealand	670	(a) M.	(a)	1.83-2.07- —
1896 Ala	7	1 M.	63-63-63	1.10-1.10-1.10
1896 Cal	8	12 M.	60-60-60	1.25-3.00-2.19
1896 Colo	200	25 M.	48-72-54	1.53-3.50-2.98
1896 Conn	7	1 M.	60-60-60	2.73-2.73-2.73
1896 Conn	8	44 M.	60-60-60	2.00-4.00-2.80
1896 Del	7	2 M.	72-72-72	2.25-2.25-2.25
1896 Fla	7	1 M.	(a)	2.50-2.50-2.50
1896 Fla	8	1 M.	60-60-60	1.00-1.00-1.00
1896 Fla	15	1 M.	(a)	1.50-1.50-1.50
1896 Ga	7	8 M.	60-66-63	1.33-3.50-1.98
1896 Ga	8	7 M.	60-72-64	.75-3.00-1.43
1896 Ga	15	1 M.	(a)	1.00-1.00-1.00
1896 Ill	7	17 M.	f51-60-57	2.00-5.00-2.67
1896 Ill	8	5 M.	60-60-60	2.50-3.00-2.64
1896 Ind	7	3 M.	60-65-62	2.00-2.50-2.30
1896 Ind	8	1 M.	60-60-60	1.75-1.75-1.75
1896 Iowa	7	10 M.	b48-60-59	1.50-2.67-2.11
1896 Ky	7	8 M.	54-63-60	1.50-3.33-2.23
1896 Ky	8	2 M.	60-60-60	1.50-1.75-1.63
1896 Me	8	1 M.	53-53-53	2.00-2.00-2.00
1896 Md	7	8 M.	f48-69-58	1.33-3.50-2.25
1896 Md	8	2 M.	60-60-60	2.00-2.00-2.00
1896 Md	14	56 M.	53-70-60	2.00-2.52-2.19
1896 Mass	8	42 M.	54-63-58	1.75-3.50-2.62
1896 Mass	14	119 M.	48-84-65	1.75-4.00-2.61
1896 Mich	7	19 M.	g54-60-58	1.33-4.17-2.42
1896 Mich	191	1 M.	60-60-60	2.70-2.70-2.70
1896 Mich	288	21 M.	60-72-62	1.22-2.25-1.68
1896 Minn	7	2 M.	54-60-57	2.25-2.50-2.38
1896 Minn	8	5 M.	60-60-60	2.49-3.83-3.03
1896 Minn	8	1 M.	60-60-60	h2.10-2.10-2.10
1896 Minn	191	4 M.	60-60-60	2.25-3.20-2.63
1896 Mo	305	524 M.	48-72-60	.75-4.50-2.32
1896 Mont	310	1 M.	(a)	2.59-2.59-2.59
1896 Nebr	314	51 M.	i48-72-62	.77-5.00-2.08
1896 N. H	7	1 M.	60-60-60	2.75-2.75-2.75
1896 N. H	8	1 M.	60-60-60	2.50-2.50-2.50
1896 N. J	8	8 M.	56-60-60	2.00-4.00-3.13
1896 N. Y	7	28 M.	54-60-59	1.46-4.17-2.17
1896 N. Y	8	72 M.	48-60-59	1.25-5.00-2.83
1896 N. Y	14	268 M.	48-84-64	2.01-4.93-2.68
1896 N. C	7	7 M.	54-69-67	.70-1.50-1.05
1896 N. C	8	1 M.	66-66-66	1.00-1.00-1.00
1896 Ohio	7	15 M.	f48-60-58	2.00-3.33-2.49
1896 Ohio	8	3 M.	60-60-60	2.25-2.50-2.33
1896 Ohio	377	1124 M.	j48-72-61	1.00-4.50-2.11
1896 Pa	7	93 M.	b47-60-59	1.33-4.17-2.34
1896 Pa	8	37 M.	54-72-62	2.00-3.00-2.45
1896 Pa	14	144 M.	50-70-57	2.00-3.00-2.38
1896 Pa	394	35 M.	60-72-61	1.28-3.98-1.83
1896 R. I	7	5 M.	60-60-60	1.92-3.00-2.58
1896 R. I	8	9 M.	60-60-60	3.00-4.00-3.38
1896 S. C	7	3 M.	66-66-66	.90-3.50-1.97
1896 Vt	7	1 M.	64-64-64	2.00-2.00-2.00
1896 Vt	8	1 M.	60-60-60	2.50-2.50-2.50
1896 W. Va	7	6 M.	f55-60-59	1.25-3.13-2.23
1896 Wis	7	16 M.	48-72-61	1.50-5.83-2.45
1896 Wis	191	1 M.	60-60-60	3.00-3.00-3.00
1896 Australia	427	(a) (a)	k48-48-48	1.46-3.65- —
1896 Aust-Hun	436	(a) M.	66-66-66	.74- .74- .74
1896 Aust-Hun	442	(a) M.	60-66 —	.93-2.44- —
1896 Br. India	459	(a) (a)	(a)	.07- .18- —
1896 Canada	184	(a) M.	(a)	2.50-2.50-2.50
1896 Canada	191	(a) M.	60-60-60	2.00-3.75- —
1896 Canada	482	(a) (a)	(a)	2.50-5.00- —
1896 England	592	(a) M.	(a)	.85-1.46- —
1896 France	16	(a) M.	(a)	1.16-1.16-1.16
1896 France	510	(a) (a)	60-60-60	.48- .48- .48
1896 Mexico	184	(a) M.	(a)	1.82-2.60- —
1896 Mexico	184	(a) M.	(a)	h1.30-1.82- —
1896 N. Zealand	671	(a) M.	(a)	1.83-2.19- —
1896 Portugal	184	(a) (a)	(a)	.81- .81- .81
1896 Turk. in A	184	(a) M.	(a)	2.02-2.02-2.02
1897 Conn	8	6 M.	60-60-60	2.50-4.00-3.58
1897 Conn	204	1 M.	58-58-58	2.75-2.75-2.75
1897 Ga	8	1 M.	66-66-66	4.16-4.16-4.16
1897 Ill	8	3 M.	60-60-60	2.67-3.50-3.00
1897 Kans	251	36 M.	f28-98-74	.82-2.49-1.43
1897 Me	8	4 M.	54-60-59	2.00-2.50-2.25
1897 Mass	8	11 M.	60-63-60	2.03-3.50-2.68
1897 Mich	8	1 M.	60-60-60	2.25-2.25-2.25
1897 Mich	289	160 M.	(a)	1.97-1.97-1.97
1897 Mont	311	4 (a)	(a)	2.41-2.76-2.61
1897 Nebr	314	19 M.	l48-72-61	1.00-4.00-1.79
1897 N. Y	8	14 M.	54-60-59	1.50-5.00-2.93
1897 N. Y	337	1964 M.	n60-72-71	1.66-6.00-3.00
1897 N. C	8	3 M.	66-75-69	.65- .90- .73
1897 Ohio	377	348 M.	o54-72-66	.75-4.00-2.03
1897 Pa	8	15 M.	48-60-56	1.75-3.00-2.49
1897 Pa	395	19 M.	(a)	1.35-2.48-1.97
1897 Vt	8	1 M.	72-72-72	2.50-2.50-2.50
1897 Va	404	128 M.	48-72-63	.62-3.33-1.59
1897 Australia	418	(a) (a)	(a)	1.62-2.43- —
1897 Australia	428	(a) M.	p48-48-48	.81-6.49- —
1897 England	593	(a) (a)	(a)	1.01-1.16- —
1897 Germany	559	(a) M.	(a)	1.79-1.79-1.79
1897 Ireland	587	(a) M.	(a)	1.30-1.34- —
1897 N. Zealand	672	(a) M.	(a)	1.83-2.19- —
1898 Iowa	18	1 (a)	(a)	2.50-2.50-2.50
1898 Mo	306	21 (a)	72-72-72	2.47-3.00-2.60
1898 Nebr	314	107 (a)	b60-66-61	1.00-4.60-1.85
1898 N. J	329	18 M.	60-72-66	1.50-3.00-1.83
1898 N. Y	338	3062 M.	q60-60-60	1.50-7.50-3.17
1898 Ohio	18	44 M.	(a)	1.25-2.80-1.92
1898 Pa	18	52 M.	(a)	1.50-3.75-2.06
1898 Wash	405	222 (a)	(a)	1.73-3.00-2.35
1898 Australia	419	(a) (a)	(a)	1.95-2.43- —
1898 Australia	429	(a) (a)	r48-48-48	1.01-3.65- —
1898 Aust-Hun	438	(a) (a)	66-66-66	s.85- .85- .85
1898 C. of G'd H	149	(a) (a)	(a)	2.50-2.50-2.50
1898 England	594	(a) (a)	(a)	1.10-1.70- —

a Not reported.
b Not including hours of 2 persons not reported.
c Applies to but 4 of the 12 wage quotations.
d Applies to but 8 of the 9 wage quotations.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 1 person not reported.
g Not including hours of 5 persons not reported.
h And board.
i Not including hours of 23 persons not reported.
j Not including hours of 11 persons not reported.
k Applies to but 4 of the 15 wage quotations.
l Not including hours of 4 persons not reported.
n Not including hours of 1,826 persons not reported.
o Not including hours of 18 persons not reported.
p Applies to but 4 of the 25 wage quotations.
q Not including hours of 2,936 persons not reported.
r Applies to but 2 of the 13 wage quotations.
s And lodging and heat.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1898 Germany	151	(a) (a)	(a)	1.19-2.98- —
1898 N. Zealand	673	(a) M.	(a)	1.83-2.19- —
1899 Mass	18	14 M.	48-48-48	3.00-3.00-3.00
1899 Mich	291	31 M.	(a)	1.83-2.25-2.01
1899 N. Y	18	8 M.	b53-59-56	2.50-3.00-2.63
1899 N. C	18	16 M.	59-69-65	1.00-3.00-1.59
1899 N. C	353	12 M.	c60-90-68	1.00-1.75-1.39
1899 Ohio	18	48 M.	(a)	1.38-3.45-2.16
1899 Pa	18	80 M.	d84-84-84	1.60-3.25-2.24
1899 Tenn	403	42 M.	(a)	1.50-2.00-1.90
1899 Va	404	32 (a)	(a)	1.50-3.00-2.20
1899 England	588	(a) (a)	(a)	1.37-1.42- —
1899 N. Zealand	674	(a) M.	(a)	1.95-2.19- —
1899 N. Zealand	681	(a) M.	46-47 —	2.31-2.31-2.31
1900 Ala	18	1 M.	63-63-63	1.25-1.25-1.25
1900 Mass	18	15 M.	48-48-48	3.00-3.00-3.00
1900 N. Y	18	8 M.	b53-59-56	2.50-3.00-2.63
1900 N. C	18	15 M.	59-69-65	1.00-3.00-1.61
1900 Ohio	18	8 (a)	(a)	2.50-2.50-2.50

ENGINEERS, STATIONARY, ASSISTANT.

1849	N. Y	190	2	M.	60-60-60	1.00-1.00-1.00
1850	N. Y	190	2	M.	60-60-60	1.00-1.00-1.00
1851	N. Y	190	2	M.	60-60-60	1.00-1.38-1.19
1852	N. Y	190	1	M.	60-60-60	1.38-1.38-1.38
1853	N. Y	190	7	M.	60-60-60	.75-1.38- .95
1854	N. Y	190	1	M.	60-60-60	.88- .88- .88
1855	N. Y	190	7	M.	60-60-60	.75-1.13- .96
1856	N. Y	190	9	M.	60-60-60	.75-1.00- .88
1857	N. Y	190	11	M.	60-60-60	.75-1.13- .89
1858	N. Y	190	4	M.	60-60-60	.88-1.13-1.00
1859	N. Y	190	5	M.	60-60-60	.88-1.13-1.00
1860	N. Y	190	6	M.	60-60-60	.75-1.00- .83
1860	Germany	609	(a)	(a)	(a)	.44- .44- .44
1861	N. Y	190	9	M.	60-60-60	.75-1.00- .89
1862	N. Y	190	12	M.	60-60-60	.75-1.38- .99
1863	N. Y	190	10	M.	60-60-60	1.00-1.63-1.14
1864	N. Y	190	11	M.	60-60-60	1.00-1.95-1.50
1865	N. Y	190	12	M.	60-60-60	1.50-1.95-1.67
1866	N. Y	190	5	M.	60-60-60	1.50-1.95-1.74
1867	N. Y	190	6	M.	60-60-60	1.50-1.95-1.73
1868	N. Y	190	13	M.	60-60-60	1.38-1.95-1.61
1869	N. Y	190	6	M.	60-60-60	1.50-1.95-1.73
1870	N. Y	190	6	M.	60-60-60	1.50-1.95-1.73
1870	Norway	610	(a)	M.	(a)	.43- .43- .43
1871	N. Y	190	3	M.	60-60-60	1.75-1.95-1.82
1871	Norway	185	(a)	M.	(a)	.43- .54- —
1872	N. Y	190	5	M.	60-72-62	1.34-1.95-1.75
1872	Pa	185	4	(a)	60-60-60	2.31-2.31-2.31
1873	N. Y	190	6	M.	60-72-62	1.38-1.88-1.73
1874	N. Y	190	8	M.	60-72-63	1.54-2.69-1.90
1874	Pa	185	4	(a)	54-54-54	1.50-2.50-2.25
1874	Pa	380	4	M.	(a)	2.00-2.50-2.38
1875	N. Y	190	15	M.	60-72-63	1.40-1.92-1.67
1876	N. Y	190	10	M.	60-72-64	1.38-1.92-1.62
1876	Pa	381	5	M.	(a)	1.25-2.00-1.70
1877	N. Y	190	11	M.	60-72-63	1.13-1.92-1.58
1877	Pa	382	3	M.	e72-72-72	1.46-2.00-1.82
1877	England	570	(a)	M.	72-72-72	.93- .93- .93
1878	Ga	7	1	M.	66-66-66	2.00-2.00-2.00
1878	N. Y	190	8	M.	60-72-65	1.38-1.92-1.64
1879	N. Y	190	9	M.	60-72-64	1.50-1.92-1.62
1880	N. Y	190	10	M.	60-72-64	1.50-1.92-1.71
1880	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1881	Ga	7	1	M.	66-66-66	1.25-1.25-1.25
1881	N. Y	190	4	M.	60-72-69	1.54-1.92-1.78
1881	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1881	Hawai. Is	24	(a)	(a)	(a)	1.53-2.30- —
1882	N. Y	190	3	M.	60-72-68	1.75-1.92-1.86
1882	Ohio	364	4	M.	(a)	1.50-1.50-1.50
1882	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1882	Va	7	1	M.	(a)	1.25-1.25-1.25
1883	Ga	7	1	M.	69-69-69	1.50-1.50-1.50
1883	N. Y	190	6	M.	60-72-66	1.75-1.92-1.83
1883	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1884	Mich	278	6	M.	(a)	1.00-1.50-1.33
1884	N. J	323	2	M.	63-63-63	1.58-1.58-1.58
1884	N. Y	190	6	M.	60-72-64	1.00-1.92-1.56
1884	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1884	Va	7	1	M.	55-55-55	2.50-2.50-2.50
1884	Germany	178	(a)	M.	57-60 —	.33- .95- —
1884	Peru	178	(a)	M.	54-54-54	.82- .82- .82
1885	Cal	1	1	M.	60-60-60	2.75-2.75-2.75
1885	Mass	1	8	M.	72-72-72	1.37-1.37-1.37
1885	Mich	279	7	M.	66-66-66	1.38-2.25-1.61
1885	N. Y	7	3	M.	c59-60-60	.42-2.00-1.36
1885	N. Y	190	4	M.	60-72-66	1.75-1.92-1.83
1885	R. I	190	1	M.	72-72-72	2.00-2.00-2.00
1886	N. Y	190	6	M.	60-72-64	1.75-1.92-1.81
1886	R. I	190	1	M.	60-60-60	1.67-1.67-1.67
1886	England	602	(a)	M.	(a)	.43- .43- .43
1886	Gr't Brit	604	(a)	M.	(a)	.91- .91- .91
1887	Conn	202	7	M.	(a)	1.26-2.45-1.52
1887	N. Y	190	5	M.	60-72-67	1.75-2.30-2.00
1887	Pa	390	4	M.	(a)	1.49-1.49-1.49
1887	R. I	190	1	M.	60-60-60	1.67-1.67-1.67
1888	N. Y	6	4	M.	c60-60-60	1.75-2.15-1.94
1888	N. Y	190	2	M.	60-60-60	1.75-1.75-1.75
1888	N. Y	331	45	M.	e48-84-72	1.00-3.00-1.75
1888	R. I	6	1	M.	(a)	1.10-1.10-1.10
1888	R. I	190	1	M.	60-60-60	1.67-1.67-1.67
1889	Ala	5	19	M.	70-84-71	1.25-1.50-1.33
1889	Del	5	4	M.	60-60-60	1.33-1.33-1.33
1889	Kans	243	2	M.	(a)	1.75-1.75-1.75
1889	Mass	5	1	M.	(a)	1.00-1.00-1.00
1889	N. Y	190	7	M.	60-60-60	1.20-1.75-1.54
1889	Ohio	5	5	M.	65-84-73	1.60-2.50-2.07
1889	Pa	5	12	M.	f60-84-71	1.20-2.50-1.84
1889	R. I	190	1	M.	60-60-60	1.67-1.67-1.67
1889	Va	5	2	M.	c60-60-60	1.50-1.50-1.50
1889	Belgium	5	(a)	M.	72-72-72	.26- .28- —
1889	England	6	(a)	M.	(a)	.65- .65- .65
1889	Scotland	5	(a)	M.	66-66-66	.73- .89- —
1890	Ala	5	1	M.	60-60-60	1.25-1.25-1.25
1890	Conn	203	3	M.	54-81-72	1.67-2.50-1.97
1890	N. Y	190	7	M.	60-72-63	1.75-2.00-1.82
1890	N. Y	333	70	M.	(a)	.83-3.00-1.50
1890	R. I	190	1	M.	60-60-60	1.67-1.67-1 67
1890	Ecuador	180	(a)	M.	54-54-54	1.92-1.92-1.92
1891	Me	257	1	M.	60-60-60	1.75-1.75-1.75
1891	N. Y	190	4	M.	60-72-66	1.75-2.64-2.20
1891	N. Y	333	80	M.	(a)	.83-3.00-1.52
1891	R. I	190	1	M.	60-60-60	1.75-1.75-1.75
1891	Wis	411	1	M.	(a)	2.08-2.08-2.08
1892	Fla	9	14	M.	54-60-58	1.00-1.50-1.21

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 67 persons not reported
e Not including hours of 2 persons not reported.
f Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINEERS, STATIONARY, ASSISTANT—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 N. Y.	20	3 M.	60-60-60	1.93-2.31-2.06
1892 N. Y.	190	2 M.	60-60-60	2.31-2.31-2.31
1892 R. I	20	1 M.	(a)	1.75-1.75-1.75
1892 R. I	190	1 M.	60-60-60	1.62-1.62-1.62
1892 France	505	(a) M.	66-66-66	.40- .69- —
1893 Mo	302	36 M.	45-72-67	1.67-3.50-2.39
1893 N. Y.	20	2 M.	60-60-60	1.93-2.31-2.12
1893 Ohio	374	3 M.	b 72-72-72	1.50-2.33-2.05
1893 R. I	20	1 M.	(a)	1.75-1.75-1.75
1894 N. Y.	8	2 M.	60-60-60	1.50-1.73-1.62
1894 N. Y.	20	2 M.	60-60-60	1.93-2.31-2.12
1894 N. C	8	1 M.	66-66-66	.75- .75- .75
1894 Ohio	375	5 M.	72-72-72	1.90-2.00-1.94
1894 R. I	20	1 M.	(a)	1.60-1.60-1.60
1894 S. C	8	1 M.	66-66-66	.75- .75- .75
1895 Ga	7	3 M.	66-66-66	1.50-1.75-1.58
1895 N. H	7	1 M.	60-60-60	1.50-1.50-1.50
1895 N. J	7	2 M.	56-59-58	1.67-1.75-1.71
1895 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1895 N. Y.	7	7 M.	56-60-59	1.00-2.67-1.88
1895 N. Y.	8	4 M.	54-60-59	2.00-2.50-2.13
1895 N. Y.	20	2 M.	60-60-60	1.93-2.31-2.12
1895 N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	6 M.	b 48-72-65	.50-2.00-1.62
1895 R. I	20	1 M.	(a)	1.75-1.75-1.75
1895 Tenn	7	1 M.	66-66-66	2.08-2.08-2.08
1895 Va	7	1 M.	54-54-54	1.50-1.50-1.50
1896 Ga	7	2 M.	63-66-65	1.00-2.00-1.50
1896 Ill	7	2 M.	56-56-56	3.00-3.00-3.00
1896 Ind	7	1 M.	65-65-65	1.50-1.50-1.50
1896 Ind	8	1 M.	60-60-60	1.50-1.50-1.50
1896 Ky	7	1 M.	63-63-63	1.50-1.50-1.50
1896 Md	14	6 M.	70-70-70	1.85-1.85-1.85
1896 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1896 Minn	191	1 M.	60-60-60	2.50-2.50-2.50
1896 N. Y.	8	1 M.	60-60-60	3.33-3.33-3.33
1896 Ohio	377	19 M.	54-72-63	1.00-2.32-1.84
1896 Pa	7	2 M.	60-60-60	.67-1.50-1.09
1896 Pa	14	4 M.	84-84-84	2.01-2.01-2.01
1896 Pa	394	3 M.	60-60-60	2.16-2.43-2.33
1896 R. I	7	1 M.	60-60-60	1.00-1.00-1.00
1896 R. I	8	8 M.	60-60-60	2.00-3.00-2.66
1896 S. C	7	1 M.	66-66-66	1.50-1.50-1.50
1897 Ga	8	1 M.	66-66-66	1.00-1.00-1.00
1897 Pa	395	8 M.	(a)	1.00-1.62-1.08
1898 Iowa	18	2 (a)	(a)	1.75-2.00-1.88
1898 N. J	329	1 M.	72-72-72	1.50-1.50-1.50
1899 Mich	291	6 (a)	(a)	1.06-1.06-1.06

ENGINE FITTERS.

1857	Ireland	561	(a)	(a)	(a)	1.14-1.14-1.14	1882	Germany	30	(a)	M.	(a)	.71- .77- —
(c)	England	567	(a)	M.	58-59 —	.32-1.38- —	1882	Scotland	37	(a)	M.	54-54-54	1.17-1.17-1.17
1871	England	568	(a)	M.	d 59-59-59	.98-1.22- —	1883	England	43	(a)	(a)	(a)	1.46-1.46-1.46
1871	England	629	(a)	(a)	d 59-59-59	1.22-1.62- —	1883	England	572	(a)	M.	54-56 —	1.14-1.70- —
1871	Netherl'ds	611	(a)	M.	66-66-66	.80- .89- —	1883	Ireland	43	(a)	(a)	(a)	1.14-1.30- —
1871	Scotland	568	(a)	M.	57-57-57	.93- .93- .93	1883	Scotland	43	(a)	(a)	54-54-54	1.23-1.23-1.23
1871	Scotland	629	(a)	(a)	(a)	.97-1.09- —	1884	Canada	178	(a)	(a)	(a)	1.80-1.80-1.80
1872	Netherl'cs	185	(a)	(a)	77-77-77	.78- .89- —	1884	England	178	(a)	M.	g 54-66 —	.85-1.46- —
1873	Scotland	177	(a)	M.	72-72-72	1.00-1.15- —	1884	Germany	178	(a)	M.	h 60-60-60	.71-1.07- —
1874	England	185	(a)	(a)	54-54-54	1.13-1.37- —	1884	Ireland	178	(a)	M.	(a)	1.62-1.79- —
1874	Scotland	177	(a)	M.	51-51-51	1.00-1.08- —	1884	Italy	178	(a)	M.	60-60-60	.97-1.16- —
1874	Scotland	185	(a)	M.	51-51-51	1.15-1.15-1.15	1884	Malta	178	(a)	M.	(a)	2.24-2.24-2.24
1874	Scotland	569	(a)	M.	51-51-51	.24-1.14- —	1884	Russia	178	(a)	M.	60-60-60	.38- .79- —
1875	Scotland	177	(a)	M.	51-51-51	1.00-1.08- —	1884	Scotland	178	(a)	M.	72-72-72	1.09-1.21- —
1876	Australia	171	(a)	M.	48-48-48	2.24-2.64- —	1885	Australia	431	(a)	(a)	(a)	f .27½-.34½- —
1876	Scotland	177	(a)	M.	51-51-51	1.00-1.08- —	1886	England	603	(a)	M.	(a)	1.25-1.50- —
1877	England	570	(a)	M.	54-60 —	.16-1.58- —	1886	Scotland	603	(a)	M.	(a)	1.26-1.26-1.26
1877	Scotland	177	(a)	M.	51-51-51	1.00-1.08- —	1887	Australia	420	(a)	(a)	e 48-48-48	2.27-2.68- —
1878	England	177	(a)	M.	e 66-66-66	1.01-1.42- —	1888	Australia	430	(a)	(a)	e 48-48-48	1.95-2.43- —
1878	Scotland	177	(a)	M.	51-72 —	1.00-1.25- —	1889	Australia	422	(a)	(a)	48-48-48	2.27-2.60- —
1878	Wales	177	(a)	M.	(a)	1.00-1.75- —	1890	Australia	423	(a)	(a)	48-48-48	2.27-2.60- —
1880	England	571	(a)	M.	54-54-54	.37-1.34- —	1892	Australia	424	(a)	M.	(a)	2.43-2.43-2.43
1880	Scotland	571	(a)	M.	54-54-54	1.05-1.42- —	1895	N. Zealand	670	(a)	M.	(a)	2.19-2.19-2.19
1881	Australia	431	(a)	(a)	(a)	f .22½-.32½- —	1898	Australia	419	(a)	(a)	(a)	1.62-2.03- —
1881	Scotland	29	(a)	(a)	54-54-54	1.04-1.04-1.04							

ENGINE HOSTLERS.

1877	Pa	382	11	M.	b 70-70-70	1.32-2.40-2.14	1887	Conn	4	1	M.	(a)	1.75-1.75-1.75
1878	Pa	383	2	M.	(a)	2.05-2.05-2.05	1887	Del	4	1	M.	(a)	2.47-2.47-2.47
1879	Pa	384	4	M.	(a)	1.13-1.13-1.13	1887	Fla	4	11	M.	(a)	1.00-2.47-1.41
1885	Mich	279	16	M.	(a)	1.40-2.50-1.74	1887	Md	4	214	M.	(a)	1.10-2.25-1.44
1886	Iowa	232	3	M.	(a)	1.53-1.53-1.53	1887	Mass	4	3	M.	(a)	2.25-3.25-2.67

a Not reported.
b Not including hours of 1 person not reported.
c Average for 1867–68.
d Applies to but 1 of the 3 wage quotations.
e Applies to but 2 of the 3 wage quotations.
f Per hour.
g Applies to but 6 of the 11 wage quotations.
h Applies to but 3 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINE HOSTLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Mich	4	12 M.	70-70-70	1.80-2.25-2.07	1893 Mich	285	19 M.	70-91-79	1.15-2.64-1.70
1887 Mich	4	10 M.	(a)	b .15- .22- .18	1893 Mont	307	8 M.	d70-74-71	2.47-3.00-2.56
1887 Mo	4	154 M.	(a)	1.25-2.63-2.21	1893 Ohio	374	31 M.	56-84-75	1.25-1.64-1.56
1887 N. Y	4	93 M.	(a)	.99-2.50-1.60	1894 Mont	309	3 M.	(a)	2.50-2.50-2.50
1887 Oregon	4	38 M.	(a)	2.50-2.50-2.50	1894 Ohio	375	110 M.	e 63-84-72	1.00-3.33-1.72
1887 Pa	4	211 M.	c70-70-70	1.15-2.00-1.55	1895 Mont	309	17 M.	(a)	1.97-2.83-2.24
1887 Pa	4	57 M.	(a)	b .12½-.20-.16½	1896 Mont	310	4 M.	(a)	2.79-2.79-2.79
1887 Va	4	5 M.	(a)	1.00-1.64-1.29	1896 N. Y	14	78 M.	70-84-83	1.68-3.51-2.60
1887 W. Va	4	1 M.	(a)	1.32-1.32-1.32	1897 Kans	251	1 (a)	63-63-63	1.28-1.28-1.28
1887 Wis	4	46 M.	(a)	1.25-2.25-2.02	1897 Mont	311	18 M.	(a)	2.14-2.36-2.19
1888 N. Y	331	24 M.	84-84-84	2.00-2.25-2.17	1898 Kans	252	5 M.	(a)	2.10-2.10-2.10
1889 Kans	243	1 M.	70-70-70	2.25-2.25-2.25	1898 Nebr	314	40 (a)	f 56-84-71	1.00-2.89-1.86
1893 Ill	10	1 M.	70-70-70	1.71-1.71-1.71	1898 Wash	405	20 (a)	(a)	2.00-2.50-2.20

ENGINE HOSTLERS' HELPERS.

1887 Md	4	68 M.	(a)	1.10-1.64-1.33	1893 Ohio	374	8 M.	56-56-56	1.20-1.20-1.20
1887 Pa	4	13 M.	(a)	1.32-1.32-1.32	1894 Ohio	375	1 M.	84-84-84	1.00-1.00-1.00
1887 Pa	4	10 M.	(a)	b .10- .13- .12	1898 Kans	252	3 M.	(a)	1.50-1.50-1.50

ENGINE KEEPERS.

1843 England	572	(a)	(a)	72-72-72	.65- .77- —	1849 England	572	(a)	(a)	72-72-72	.73- .93- —
1844 England	572	(a)	(a)	g 72-72-72	.69- .85- —	1883 Scotland	43	(a)	M.	56-56-56	.97- .97- .97
1845 England	572	(a)	(a)	72-72-72	.98- .98- .98	1891 Scotland	576	(a)	M.	72-72-72	.92-1.15- —
1847 England	572	(a)	(a)	(a)	.73-1.05- —	1896 Br. Guiana	184	(a)	M.	(a)	2.32-2.32-2.32
1848 England	572	(a)	(a)	72-72-72	.73- .97- —						

ENGINE PREPARERS, RAILROAD.

1878 Pa	383	10 M.	70-70-70	1.40-1.40-1.40	1887 Conn	4	2 M.	(a)	1.64-2.30-1.97
1879 Pa	384	7 M.	70-70-70	1.76-1.76-1.76	1887 Md	4	6 M.	(a)	1.25-2.14-1.61
1884 Pa	388	350 M.	(a)	1.48-1.48-1.48	1887 N. J	4	75 M.	(a)	1.20-2.24-1.60
1885 Pa	389	309 M.	(a)	1.68-1.68-1.68	1887 Pa	4	70 M.	(a)	1.20-2.14-1.50

ENGINE PREPARERS, ASSISTANT, RAILROAD.

1879 Pa	384	19 M.	70-70-70	1.23-1.23-1.23	1885 Pa	389	52 M.	(a)	1.22-1.22-1.22
1884 Pa	388	41 M.	(a)	1.13-1.13-1.13	1887 N. J	4	17 M.	(a)	1.15-1.40-1.27

ENGINE SMITHS.

1866 England	566	(a)	M.	63-63-63	.85- 97- —	1885 Gr't Brit	1	(a)	M.	54-54-54	.68- .68- .68
1871 England	629	(a)	(a)	(a)	1.22-1.70- —	1886 England	602	(a)	M.	(a)	.91-2.10- —
1871 Scotland	629	(a)	(a)	(a)	.89-1.14- —	1886 Gr't Brit	602	(a)	M.	(a)	.72-1.71- —
1877 England	570	(a)	M.	61-61-61	1.76-1.76-1.76	1886 Scotland	602	(a)	M.	(a)	.99-1.23- —
1883 England	572	(a)	M.	54-54-54	1.30-1.38- —	1896 England	586	(a)	M.	(a)	1.28-1.32- —

ENGINE SMITHS' HELPERS.

1883 England	572	(a)	M.	54-54-54	.81- .85- —	1896 England	586	(a)	M.	(a)	.89- .93- —

a Not reported.
b Per hour.
c Not including hours of 205 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 7 persons not reported.
f Not including hours of 2 persons not reported.
g Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGINE TURNERS, WATCH CASES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1850 Mass	8	1 M.	60-60-60	3.33-3.33-3.33
1890 N. Y.	333	3 M.	(a)	2.00-3.08-2.36
1891 N. Y.	333	16 M.	(a)	1.00-3.00-2.18
1897 N. Y.	8	1 M.	60-60-60	2.67-2.67-2.67

ENGINE WIPERS.

1872 Ohio	361	1 M.	(a)	1.71-1.71-1.71
1874 Canada	185	(a) M.	60-60-60	1.43-1.43-1.43
1875 Pa	380	24 M.	(a)	1.27-1.27-1.27
1876 Pa	381	69 M.	b56-70-65	1.12-1.50-1.36
1877 Pa	382	56 M.	b56-70-62	1.19-1.50-1.32
1878 Pa	383	39 M.	b56-84-59	.95-2.10-1.21
1879 Ohio	361	1 M.	(a)	1.06-1.06-1.06
1882 Ill.	206	620 M.	(a)	.82-1.48-1.18
1884 Cal.	192	144 M.	c70-70-70	1.97-2.00-1.97
1884 Mich.	278	4 M.	(a)	.99-1.48-1.15
1884 Wis	407	36 M.	(a)	1.39-1.39-1.39
1884 Canada	178	(a) (a)	(a)	.99- .99- .99
1884 Peru	178	(a) M.	(a)	.82-1.25- —
1885 Iowa	231	159 M.	70-77-74	1.25-1.26-1.25
1885 Mich.	279	186 M.	(a)	1.00-2.00-1.23
1885 Mo	296	7 M.	(a)	1.48-1.48-1.48
1886 Ill.	206	8 M.	(a)	1.28-1.28-1.28
1886 Iowa	232	15 M.	d70-70-70	.98-1.25-1.16
1886 Kans.	240	27 M.	70-70-70	1.15-1.50-1.35
1886 Canada	468	(a) M.	68-75 —	1.15-1.16- —
1887 Conn.	4	182 M.	(a)	1.00-1.65-1.38
1887 Del	4	16 M.	(a)	.59-1.97-1.17
1887 Del	4	1 M.	(a)	e.06¼-.06¼-.06¼
1887 Fla.	4	55 M.	(a)	.82-1.25-1.00
1887 Ill.	298	157 (a)	(a)	1.25-1.25-1.25
1887 Kans.	241	1 M.	70-70-70	1.75-1.75-1.75
1887 Md.	4	95 M.	(a)	.70-1.35-1.21
1887 Mass	4	381 M.	(a)	.66-1.64-1.29
1887 Mo	4	614 M.	(a)	1.25-2.30-1.38
1887 Mo	298	134 (a)	(a)	1.23-1.43-1.35
1887 Nebr	312	367 (a)	63-70-69	1.25-3.00-1.36
1887 N. Y.	4	524 M.	(a)	.99-1.75-1.09
1887 Ohio	369	38 M.	f67-70-69	.90-2.19-1.14
1887 Oregon	4	123 M.	(a)	1.80-2.00-1.81
1887 Pa	4	286 M.	g70-70-70	.55-2.14-1.18
1887 Pa	4	11 M.	(a)	e.12- .12- .12
1887 R. I	4	29 M.	(a)	1.12-1.32-1.20
1887 Va	4	66 M.	(a)	.16-1.50-1.01
1887 Wis	4	247 M.	(a)	1.25-1.75-1.30
1887 Canada	469	(a) M.	70-70-70	.93- .99- —
1888 Ind	225	718 M.	h70-84-73	.82-1.71-1.24
1888 Iowa	233	739 M.	i70-84-72	1.00-1.40-1.25
1888 Mo	298	498 (a)	(a)	.96-1.50-1.25
1888 Canada	470	(a) M.	80-80-80	1.14-1.14-1.14
1889 Ala	5	5 M.	70-70-70	1.00-1.15-1.12
1889 Ind	226	763 M.	j56-84-73	1.00-1.75-1.31
1889 Iowa	233	521 M.	k56-84-71	1.00-1.50-1.35
1889 Kans.	243	626 M.	l70-77-70	.90-2.25-1.54
1889 N. Y.	5	2 M.	70-70-70	1.25-1.25-1.25
1889 Canada	471	(a) M.	67-68 —	.91- .98- —
1890 Conn.	203	2 M.	56-69-63	1.33-1.72-1.53
1890 Ind	226	996 M.	m63-84-72	.96-1.65-1.42
1891 Ind	227	993 M.	56-84-68	1.10-1.56-1.33
1892 Ind	227	1008 M.	o56-84-67	1.10-1.54-1.36
1892 Iowa	235	10 M.	70-70-70	1.10-1.25-1.12
1892 Md.	263	58 M.	p56-70-69	1.20-1.50-1.30
1892 Ohio	373	13 (a)	(a)	1.50-1.50-1.50
1893 Ill	10	2 M.	54-54-54	1.29-1.29-1.29
1893 Ind	228	1054 M.	56-84-68	1.10-1.55-1.37
1893 Mich.	285	105 M.	56-91-75	1.08-1.81-1.29
1893 Mont.	307	4 M.	63-63-63	1.32-1.80-1.66
1893 Ohio	374	38 M.	70-84-83	1.25-1.32-1.31
1894 Ind	228	774 M.	q56-84-67	.99-1.56-1.36
1894 Mont.	308	47 M.	(a)	1.78-1.78-1.78
1895 Ind	229	861 M.	r70-84-72	.99-2.23-1.51
1895 Mich.	287	4 M.	(a)	1.25-1.35-1.30
1895 Mont.	309	1 M.	(a)	1.25-1.25-1.25
1896 Ga	15	1 M.	(a)	.86- .86- .86
1896 Ind	229	700 M.	s56-84-70	.99-1.85-1.28
1896 Mont.	310	1 M.	(a)	2.14-2.14-2.14
1896 N. Y.	14	62 M.	55-84-72	1.28-1.75-1.49
1897 Md.	265	82 (a)	t56-70-66	1.00-1.98-1.56
1897 Mont.	311	1 (a)	(a)	2.14-2.14-2.14
1897 Ohio	377	3 (a)	60-60-60	1.30-1.35-1.32
1898 Ind	230	577 (a)	u56-84-69	.93-2.00-1.30
1898 Mo	306	60 (a)	56-70-69	1.15-1.47-1.36
1898 Nebr	314	24 (a)	63-70-69	1.25-1.75-1.37
1898 Nebr	314	3 (a)	(a)	e.15- .15- .15
1898 N. J	329	16 M.	(a)	.84- .84- .84
1898 Pa	18	3 M.	(a)	1.55-1.65-1.58
1899 Pa	18	3 M.	(a)	1.80-1.90-1.83

ENGRAVERS (NOT SPECIFIED).

1840 N. Y.	8	4 M.	60-60-60	3.00-3.00-3.00
1846 Belgium	632	(a) (a)	(a)	.41- .41- .41
1860 Germany	185	(a) M.	(a)	.66- .66- .66
1864 Germany	185	(a) M.	(a)	.48- .48- .48
1865 Germany	185	(a) M.	(a)	.60- .60- .60
1866 Germany	185	(a) M.	(a)	.60- .60- .60
1867 Germany	185	(a) M.	(a)	.60- .60- .60
1868 Mass	8	1 M.	60-60-60	3.33-3.33-3.33
1868 Germany	185	(a) M.	(a)	.60- .60- .60
1871 Germany	185	(a) M.	(a)	.54- .72- —
1873 Germany	177	(a) M.	(a)	.79- .79- .79
1873 Persia	184	(a) (a)	(a)	1.00-1.00-1.00
1873 Switzerl'd	185	(a) M.	(a)	.80- .80- .80
1874 Germany	177	(a) M.	(a)	.79- .79- .79

a Not reported.
b Not including hours of 18 persons not reported.
c Not including hours of 143 persons not reported.
d Not including hours of 5 persons not reported.
e Per hour.
f Not including hours of 9 persons not reported.
g Not including hours of 282 persons not reported.
h Not including hours of 117 persons not reported.
i Not including hours of 379 persons not reported.
j Not including hours of 115 persons not reported.
k Not including hours of 227 persons not reported.
l Not including hours of 79 persons not reported.
m Not including hours of 41 persons not reported.
o Not including hours of 38 persons not reported.
p Not including hours of 44 persons not reported.
q Not including hours of 32 persons not reported.
r Not including hours of 85 persons not reported.
s Not including hours of 77 persons not reported.
t Not including hours of 72 persons not reported.
u Not including hours of 35 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGRAVERS (NOT SPECIFIED)—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1874 Germany	185	(a) M.	(a)	0.80-1.20- —
1874 Scotland	177	(a) M.	51-51-51	1.25-1.67- —
1875 Germany	177	(a) M.	(a)	.60- .60- .60
1875 Scotland	177	(a) M.	51-51-51	1.25-1.67- —
1876 Germany	177	(a) M.	(a)	.65- .65- .65
1876 Scotland	177	(a) M.	51-51-51	1.25-1.67- —
1877 Germany	177	(a) M.	(a)	.60- .60- .60
1877 Scotland	177	(a) M.	51-51-51	1.25-1.67- —
1878 Belgium	177	(a) M.	(a)	1.00-1.00-1.00
1878 England	177	(a) M.	(a)	1.62-1.62-1.62
1878 France	177	(a) (a)	(a)	.80-1.60- —
1878 Germany	177	(a) M.	(a)	.60- .67- —
1878 Italy	177	(a) M.	(a)	.67- .67- .67
1878 Scotland	177	(a) M.	*b* 51-51-51	1.25-1.67- —
1878 Switzerl'd	177	(a) M.	(a)	.80- .80- .80
1884 Australia	178	(a) (a)	48-48-48	1.22-8.11- —
1884 Aust-Hun	178	(a) M.	60-72 —	.60-1.33- —
1884 Belgium	178	(a) M.	*c* 60-72 —	.58-1.93- —
1884 Brazil	178	(a) (a)	60-60-60	2.15-4.30- —
1884 Canada	178	(a) (a)	*d* 60-60-60	1.00-4.00- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.33-1.83- —
1884 China	178	(a) M.	60-60-60	.31- .38- —
1884 Denmark	178	(a) M.	60-60-60	1.33-1.33-1.33
1884 Ecuador	178	(a) M.	60-60-60	1.50-2.00- —
1884 England	178	(a) M.	*e* 53-57 —	.83-4.87- —
1884 France	178	(a) M.	*f* 60-66 —	.96-2.32- —
1884 Germany	178	(a) M.	*g* 54-72 —	.40-3.17- —
1884 Gibraltar	178	(a) M.	56-56-56	.83-1.33- —
1884 Hawai. Is	178	(a) (a)	54-54-54	3.00-3.33- —
1884 Ireland	178	(a) M.	*b* 56-56-56	1.34-1.46- —
1884 Italy	178	(a) M.	*h* 60-72 —	.19-2.00- —
1884 Malta	178	(a) M.	54-60 —	.48-1.21- —
1884 Mexico	178	(a) (a)	*i* 60-60-60	.43-3.00- —
1884 Morocco	178	(a) (a)	60-72 —	.40-1.00- —
1884 Netherl'ds	178	(a) M.	60-63 —	.80-2.67- —
1884 Persia	178	(a) (a)	(a)	.48-1.61- —
1884 Peru	178	(a) M.	(a)	3.29-3.29-3.29
1884 Philip. Is.	178	(a) M.	(a)	1.50-3.00- —
1884 Russia	178	(a) M.	60-72 —	.28-2.58- —
1884 Russia	178	(a) M.	72-72-72	*j* 1.10-1.10-1.10
1884 Scotland	178	(a) M.	*k* 51-56 —	1.02-1.83- —
1884 Spain	178	(a) M.	60-63 —	.48-3.33- —
1884 Switzerl'd	178	(a) M.	*l* 60-66 —	.77-1.93- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.82-7.00- —
1884 Venezuela	178	(a) (a)	(a)	3.00-4.00- —
1884 Wales	178	(a) M.	(a)	1.62-1.62-1.62
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1887 Ohio	369	95 M.	54-60-60	1.00-5.83-3.25
1887 Germany	557	(a) M.	54-54-54	1.10-1.10-1.10
1888 Aust-Hun	447	(a) M.	(a)	.14- .57- —
1888 Aust-Hun	447	(a) F.	(a)	.14- .14- .14
1888 Germany	558	(a) (a)	54-54-54	.48-1.31- —
1889 Australia	422	(a) (a)	54-54-54	2.43-3.24- —
1890 Ill	19	1 M.	(a)	1.00-1.00-1.00
1890 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1890 Australia	423	(a) (a)	54-54-54	2.43-3.24- —
1890 Netherl'ds	666	(a) M.	(a)	.80- .80- .80
1890 Spain	632	(a) (a)	(a)	.87- .87- .87
1891 Ill	19	1 M.	(a)	1.50-1.50-1.50
1891 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1891 Ohio	372	2 M.	54-54-54	2.50-2.50-2.50
1891 Belgium	632	(a) (a)	(a)	.87- .87- .87
1891 China	134	(a) (a)	60-60-60	.29- .29- .29
1891 France	505	(a) M.	60-66 —	1.45-2.32- —
1891 France	505	(a) M.	60-65 —	*m* .39-2.90- —
1891 Germany	551	(a) (a)	(a)	.71-1.67- —
1892 Ill	19	1 M.	51-51-51	2.50-2.50-2.50
1892 Australia	424	(a) M.	(a)	3.04-3.04-3.04
1892 France	505	(a) M.	54-70 —	.34-2.90- —
1892 Japan	134	(a) (a)	(a)	.25- .25- .25
1893 Ill	19	1 M.	51-51-51	3.00-3.00-3.00
1893 Ohio	374	1 M.	60-60-60	2.50-2.50-2.50
1893 Pa	10	1 M.	60-60-60	.67- .67- .67
1893 Aust-Hun	448	(a) M.	48-48-48	.27- .88- —
1893 Germany	11	(a) M.	(a)	.60- .60- .60
1895 Ohio	376	19 M.	48-60-57	1.75-3.50-2.21
1895 Pa	8	1 M.	48-48-48	3.00-3.00-3.00
1896 Mo	305	15 M.	54-60-56	1.25-2.50-1.72
1896 Nebr	314	1 (a)	60-60-60	5.00-5.00-5.00
1896 Ohio	377	36 M.	48-60-57	2.00-4.00-2.31
1896 Aust-Hun	436	(a) (a)	(a)	.81-2.71- —
1896 Belgium	184	(a) (a)	(a)	1.08-1.08-1.08
1896 France	505	(a) M.	60-60-60	1.25-1.25-1.25
1896 Mexico	184	(a) M.	(a)	2.25-5.50- —
1896 Persia	184	(a) (a)	(a)	.50- .50- .50
1897 Conn	204	1 M.	30-30-30	1.67-1.67-1.67
1897 Australia	428	(a) (a)	(a)	1.62-3.24- —
1898 Australia	429	(a) (a)	(a)	1.62-3.24- —
1898 Aust-Hun	438	(a) (a)	60-66 —	.27- .54- —
1898 Germany	151	(a) (a)	(a)	.99-1.59- —

ENGRAVERS, COPPER.

1839	England	562	(a)	M.	59-60 —	1.70-1.70-1.70	(*o*)	England	567	(a)	M.	51-51-51	.30-1.47- —
1841	Scotland	625	(a)	M.	(a)	1.22-2.03- —	1869	Switzerl'd	611	(a)	M.	60-60-60	.68- .68- .68
1849	England	562	(a)	M.	59-60 —	1.22-1.62- —	1870	Germany	610	(a)	M.	72-72-72	.98- .98- .98
1856	Scotland	562	(a)	M.	(a)	.89-1.22- —	1871	England	629	(a)	(a)	(a)	1.22-2.03- —
1857	Scotland	562	(a)	M.	(a)	.89-1.22- —	1872	Russia	612	(a)	M.	69-69-69	.57- .57- .57
1858	Scotland	562	(a)	M.	(a)	.89-1.22- —	1874	England	569	(a)	M.	59-59-59	.43-1.35- —
1859	England	562	(a)	M.	59-60 —	1.22-1.42- —	1876	Pa	382	14	M.	(a)	4.50-4.50-4.50
(*n*)	Scotland	563	(a)	(a)	(a)	1.02-1.38- —	1880	Mass	7	2	M.	60-60-60	4.33-4.50-4.42
1861	Scotland	564	(a)	(a)	(a)	1.02-1.38- —	1880	England	571	(a)	M.	58-58-58	1.46-1.46-1.46
1863	Scotland	565	(a)	(a)	(a)	.81-1.62- —	1880	Scotland	571	(a)	M.	56-56-56	1.12-1.12-1.12
1866	Scotland	566	(a)	M.	60-60-60	1.01-1.38- —	1881	N. H	7	9	M.	65-65-65	3.33-4.50-4.04

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Applies to but 4 of the 6 wage quotations.
d Applies to but 5 of the 7 wage quotations.
e Applies to but 18 of the 31 wage quotations.
f Applies to but 7 of the 9 wage quotations.
g Applies to but 49 of the 57 wage quotations.
h Applies to but 10 of the 16 wage quotations.
i Applies to but 2 of the 4 wage quotations.
j And board and lodging.
k Applies to but 3 of the 6 wage quotations.
l Applies to but 6 of the 9 wage quotations.
m And *gratifications*.
n Average for 1859–60.
o Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGRAVERS, COPPER—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 N. J	320	6 M.	(a)	4.17-4.17-4.17
1882 N. J	321	48 M.	b 60-60-60	3.33-4.17-4.02
1883 Mass	273	12 M.	(a)	1.54-6.33-4.32
1883 N. J	322	24 M.	c 60-60-60	3.33-4.17-3.76
1883 England	572	(a) M.	57-74 —	.32-1.91- —
1883 Gr't Brit	273	(a) M.	(a)	1.46-1.54- —
1883 Ireland	43	(a) (a)	(a)	1.22-1.22-1.22
1883 Scotland	572	(a) M.	57-57-57	.35-1.46- —
1884 Aust-Hun.	178	(a) (a)	66-66-66	1.07-2.00- —
1884 Aust-Hun.	178	(a) M.	66-66-66	d .58-1.20- —
1884 Germany	178	(a) M.	e 66-66-66	.85-1.15- —
1884 Italy	178	(a) M.	60-66 —	.58-2.35- —
1884 Persia	178	(a) (a)	(a)	.32- .81- —
1884 Scotland	178	(a) M.	54-54-54	1.05-2.43- —
1885 Mass	1	22 M.	60-60-60	3.80-4.30-4.07
1885 N. H	1	4 M.	60-60-60	3.91-4.66-4.29
1885 N. J	1	25 M.	60-60-60	2.00-2.00-2.00
1885 Pa	1	19 M.	60-60-60	3.33-3.33-3.33
1885 Pa	7	28 M.	60-60-60	1.25-4.67-2.57
1885 Pa	7	4 F.	60-60-60	1.00-1.00-1.00
1885 Germany	547	(a) M.	(a)	.60-1.07- —
1887 Germany	557	(a) (a)	60-60-60	.60- .99- —
1888 N. Y.	331	6 M.	50-53-51	.50-4.00-2.08
1888 Germany	558	(a) (a)	60-60-60	.71- .95- —
1889 N. H	6	11 M.	60-60-60	3.86-3.92-3.87
1890 N. Y.	333	23 M.	(a)	4.17-4.67-4.19
1891 N. Y.	333	23 M.	(a)	4.17-4.67-4.19
1891 France	505	(a) M.	60-60-60	.77-1.64- —
1892 Russia	692	(a) (a)	(a)	.21-1.61- —
1894 R. I	401	1 (a)	(a)	3.83-3.83-3.83
1894 France	129	(a) M.	(a)	.92- .92- .92
1895 Mass	7	8 M.	60-60-60	4.33-5.00-4.60
1895 Mass	7	1 F.	58-58-58	1.17-1.17-1.17
1895 N. H	7	15 M.	60-60-60	4.00-4.33-4.18
1896 Pa	7	30 M.	60-60-60	1.17-4.50-2.59
1896 Pa	7	4 F.	60-60-60	1.00-1.00-1.00

ENGRAVERS, ELECTROPLATING.

1878	England	43	(a)	(a)	(a)	1.62-1.62-1.62	1883	England	43	(a)	(a)	(a)	1.42-1.42-1.42

ENGRAVERS, ELECTROTYPING.

1872	England	185	(a)	(a)	(a)	2.22-2.22-2.22	1888	N. Y.	331	22	M.	f 40-53-45	1.67-5.00-4.09
1878	Ohio	360	6	M.	(a)	3.50-3.50-3.50	1889	Portugal	691	(a)	(a)	(a)	.65-1.94- —
1880	N. Y.	7	1	M.	60-60-60	5.83-5.83-5.83	1890	N. Y.	333	22	M.	(a)	1.33-5.00-2.46
1882	Germany	71	(a)	M.	(a)	1.19-1.19-1.19	1891	N. Y.	333	17	M.	(a)	1.33-5.00-2.74
1884	Mo	295	3	M.	(a)	2.50-2.50-2.50	1891	Ohio	372	42	M.	48-60-50	1.25-3.00-2.48
1884	Pa	7	2	M.	59-59-59	3.33-4.17-3.75	1892	Australia	424	(a)	M.	(a)	3.65-4.06- —
1884	Aust-Hun	178	(a)	M.	60-60-60	.60- .93- —	1892	Russia	692	(a)	(a)	(a)	.50-2.41- —
1884	Belgium	178	(a)	M.	60-60-60	1.93-1.93-1.93	1893	Ohio	374	37	M.	48-60-49	1.87-5.00-4.39
1884	France	178	(a)	M.	66-66-66	1.93-2.32- —	1894	Ohio	375	6	M.	51-60-56	2.00-3.00-2.46
1884	Germany	71	(a)	M.	(a)	1.15-1.15-1.15	1894	France	129	(a)	M.	(a)	1.83-1.83-1.83
1884	Italy	178	(a)	M.	60-66-60	.77-1.13- —	1895	Ohio	376	5	M.	48-60-50	2.15-2.75-2.27
1884	Peru	178	(a)	M.	(a)	3.29-3.29-3.29	1895	Pa	8	1	M.	60-60-60	2.50-2.50-2.50
1885	N. J	1	8	M.	66-66-66	5.52-5.52-5.52	1895	France	509	(a)	(a)	60-60-60	1.93-2.70- —
1885	S. C	7	1	M.	59-59-59	2.00-2.00-2.00	1896	Mich	7	1	M.	59-59-59	3.33-3.33-3.33
1885	Germany	71	(a)	M.	(a)	1.11-1.11-1.11	1896	N. Y.	7	3	M.	57-59-58	1.33-5.33-2.72
1886	Mich	7	1	M.	(a)	3.33-3.33-3.33	1896	Pa	7	3	M.	59-59-59	2.17-4.33-3.56
1886	Argentina	57	(a)	M.	60-60-60	2.67-3.33- —							

ENGRAVERS, GLASS.

1878	Ohio	360	2	M.	59-59-59	3.00-3.00-3.00	1890	Ohio	6	2	M.	(a)	3.00-3.00-3.00
1879	Pa	384	11	M.	(a)	1.67-3.00-2.27	1890	Netherl'ds	666	(a)	M.	(a)	1.34-1.34-1.34
1882	Ohio	364	35	(a)	60-60-60	2.56-2.56-2.56	1891	N. Y.	333	1	M.	(a)	2.00-2.00-2.00
1883	Mass	273	4	M.	(a)	3.50-3.50-3.50	1891	Ohio	372	10	M.	57-60-59	3.00-5.00-4.00
1883	N. J	322	17	M.	72-72-72	3.33-3.33-3.33	1891	Belgium	457	(a)	M.	63-63-63	.31- .81- —
1883	England	572	(a)	M.	54-54-54	1.62-1.62-1.62	1891	France	505	(a)	M.	60-60-60	.77-1.93- —
1884	Aust-Hun	178	(a)	M.	66-71 —	.45-1.33- —	1891	France	505	(a)	F.	60-60-60	.29- .51- —
1885	N. J	324	9	M.	60-60-60	2.25-4.79-3.80	1892	Ind	227	3	M.	48-48-48	4.33-4.33-4.33
1885	Ohio	1	2	M.	60-60-60	3.00-3.00-3.00	1892	Ohio	373	12	M.	b 55-55-55	4.00-4.50-4.17
1885	Pa	1	4	M.	60-60-60	4.00-4.00-4.00	1892	France	505	(a)	M.	60-66 —	.19-1.25- —
1885	W. Va	1	6	M.	60-60-60	2.25-2.25-2.25	1892	France	505	(a)	M.	60-60-60	d 1.35-1.45- —
1886	N. J	325	7	M.	60-72-70	3.33-4.17-3.73	1892	France	505	(a)	F.	66-66-66	.24- .87- —
1888	N. Y.	331	2	M.	58-60-59	1.50-3.00-2.25	1895	R. I	7	1	M.	57-57-57	3.00-3.00-3.00
1889	Australia	432	(a)	M.	(a)	2.43-2.43-2.43	1897	Ohio	377	5	M.	48-60-55	1.75-3.50-2.80

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 13 persons not reported.
d And lodging.
e Applies to but 2 of the 3 wage quotations.
f Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGRAVERS, GOLD AND SILVER.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1850 Mass	8	2	M.	60-60-60	3.50-3.50-3.50
1855 Germany	8	(a)	M.	60-60-60	3.00-3.00-3.00
1865 N. J	8	2	M.	60-60-60	5.00-6.00-5.50
1872 N. J	8	1	M.	60-60-60	7.50-7.50-7.50
1872 England	185	(a)	(a)	(a)	1.61-1.61-1.61
1881 Mass	7	4	M.	60-60-60	1.50-2.50-2.10
1881 N. J	320	3	M.	b60-60-60	2.33-2.67-2.50
1883 N. J	322	1	(a)	60-60-60	3.10-3.10-3.10
1884 Aust-Hun.	178	(a)	M.	60-60-60	.64-1.13- —
1884 Canada	178	(a)	(a)	60-60-60	1.17-3.33- —
1884 England	178	(a)	M.	(a)	1.20-1.92- —
1884 Switzerl'd.	178	(a)	M.	60-65 —	.79-2.41- —
1885 Mass	7	3	M.	58-58-58	1.00-2.50-1.83
1885 N. J	7	3	M.	(a)	2.67-5.00-3.44
1885 N. Y	7	4	M.	59-60-59	2.08-3.00-2.52
1885 Germany	547	(a)	M.	(a)	.79-1.43- —
1886 Ill	208	14	M.	60-60-60	1.83-3.67-2.49
1886 N. Y	7	2	M.	60-60-60	1.67-3.17-2.42
1886 Pa	3	1	F.	59-59-59	.83- .83- .83
1886 Aust-Hun.	60	(a)	(a)	(a)	.46- .46- .46
1887 Conn	202	56	M.	(a)	2.19-2.19-2.19
1887 Conn	202	24	F.	(a)	.60-1.17-1.15
1887 Germany	557	(a)	(a)	57-60 —	.71-1.43- —
1888 N. J	326	42	M.	(a)	2.00-4.00-3.08
1888 N. Y	331	83	M.	c55-59-58	1.67-4.17-2.23
1888 R. I	397	2	(a)	(a)	2.50-2.50-2.50
1888 Canada	470	(a)	M.	52-52-52	1.65-1.65-1.65
1888 Canada	470	(a)	F.	46-46-46	.63- .63- .63
1888 Germany	558	(a)	(a)	60-60-60	.71-1.55- —
1890 N. Y	333	211	M.	(a)	1.00-5.00-2.49
1891 N. Y	333	335	M.	(a)	.83-5.25-2.52
1891 Belgium	457	(a)	M.	(a)	.87- .87- .87
1891 France	505	(a)	M.	60-60-60	.97-2.32- —
1892 Cal	196	1	M.	57-57-57	3.00-3.00-3.00
1892 C. of G'd H.	486	(a)	M.	(a)	2.99-3.73- —
1892 England	577	(a)	M.	(a)	.81-3.24- —
1892 France	505	(a)	M.	60-72 —	.58-2.32- —
1893 Mont	307	1	(a)	(a)	5.44-5.44-5.44
1893 N. Y	10	1	M.	54-54-54	2.33-2.33-2.33
1893 Pa	10	1	M.	60-60-60	.50- .50- .50
1894 Ohio	375	5	M.	48-60-55	2.15-4.16-2.79
1894 C. of G'd H.	487	(a)	M.	54-54-54	2.43-2.43-2.43
1894 France	129	(a)	M.	60-60-60	1.14-2.32- —
1895 Mass	7	28	M.	58-60-59	1.20-4.17-2.04
1895 N. J	7	1	M.	60-60-60	2.67-2.67-2.67
1895 N. Y	7	4	M.	59-59-59	1.83-3.67-2.88
1895 Ohio	376	9	M.	d54-60-59	2.00-4.17-2.58
1896 N. J	8	1	M.	60-60-60	5.00-5.00-5.00
1896 N. Y	7	4	M.	60-60-60	1.50-4.17-2.58
1896 Ohio	377	5	M.	54-54-54	2.83-2.83-2.83
1897 N. Y	8	1	M.	60-60-60	3.67-3.67-3.67

ENGRAVERS' HELPERS, COPPER.

1871 Mass	267	8	(a)	(a)	2.30-2.30-2.30
1876 Pa	382	12	M.	(a)	.70-1.50-1.43
1876 Pa	382	2	F.	(a)	.75- .75- .75
1878 Pa	383	7	M.	60-60-60	1.00-1.50-1.36
1880 Mass	7	2	M.	60-60-60	1.10-1.10-1.10
1885 Mass	1	6	M.	60-60-60	1.60-1.60-1.60
1885 N. H	1	1	M.	60-60-60	2.00-2.00-2.00
1895 Mass	7	10	M.	60-60-60	1.25-1.42-1.27

ENGRAVERS' HELPERS, WOOD.

1890 N. Y	333	2	M.	(a)	.50- .50- .50
1891 N. Y	333	2	M.	(a)	.50- .50- .50

ENGRAVERS, LITHOGRAPHING.

1871 Mass	267	3	M.	59-59-59	4.50-4.50-4.50
1878 Germany	177	(a)	M.	(a)	.75-1.92- —
1881 Ohio	363	21	M.	e48-48-48	3.00-3.32-3.20
1882 Ohio	364	33	(a)	51-51-51	3.62-3.62-3.62
1884 Canada	178	(a)	(a)	60-60-60	1.00-5.00- —
1884 England	178	(a)	M.	48-48-48	1.62-2.43- —
1884 Germany	178	(a)	M.	(a)	.71-1.43- —
1884 Italy	178	(a)	M.	60-66 —	2.95-5.00- —
1884 Switzerl'd	178	(a)	M.	66-66-66	.76- .96- —
1887 Wis	409	27	(a)	(a)	2.61-2.61-2.61
1888 N. Y	331	22	M.	f47-53-51	3.33-5.83-5.05
1888 Canada	470	(a)	M.	47-47-47	2.41-2.41-2.41
1890 N. Y	333	49	M.	(a)	1.67-6.67-3.47
1890 N. Y	333	3	F.	(a)	.33- .83- .56
1890 Netherl'ds	666	(a)	M.	(a)	.20-1.07- —
1891 N. Y	333	52	M.	(a)	1.00-7.50-3.66
1891 N. Y	333	3	F.	(a)	.33- .83- .58
1891 Ohio	372	36	M.	48-54-49	2.45-5.00-4.34
1891 Belgium	632	(a)	(a)	(a)	.99- .99- .99
1891 France	505	(a)	M.	60-60-60	1.16-1.93- —
1892 Cal	196	18	M.	g48-60-49	.83-6.67-2.92
1892 Cal	196	1	F.	(a)	1.25-1.25-1.25
1892 France	505	(a)	M.	48-70 —	.63-2.32- —
1893 Ohio	374	26	M.	48-60-53	2.58-3.29-3.06
1893 Ohio	374	1	F.	48-48-48	1.15-1.15-1.15
1894 Iowa	236	1	M.	48-48-48	3.33-3.33-3.33
1894 Ohio	375	31	M.	48-54-50	3.29-4.16-3.65
1894 Ohio	375	1	F.	48-48-48	1.05-1.05-1.05
1894 Australia	425	(a)	(a)	(a)	2.43-5.27- —
1895 Ohio	376	88	M.	48-54-48	2.17-8.00-2.94
1895 Ohio	376	1	F.	48-48-48	1.05-1.05-1.05
1895 Australia	426	(a)	(a)	(a)	2.43-5.27- —
1896 Ohio	377	51	M.	48-48-48	3.01-4.00-3.11
1896 Ohio	377	1	F.	48-48-48	1.05-1.05-1.05
1896 Australia	427	(a)	(a)	(a)	1.62-4.06- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 73 persons not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 8 persons not reported.
f Not including hours of 15 persons not reported.
g Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENGRAVERS, MAPS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Ill.....	7	4	M.	51-51-51	2.00-2.67-2.42	1892 Ill.....	19	5	F.	51-51-51	2.00-2.00-2.00
1885 Ill.....	7	4	M.	59-59-59	4.00-7.50-5.58	1893 Ill.....	19	10	M.	51-51-51	2.50-4.17-3.24
1885 N. Y.....	7	22	M.	(a)	.50-3.67-2.09	1893 Ill.....	19	6	F.	51-51-51	2.00-2.25-2.04
1888 N. Y.....	331	17	M.	51-51-51	3.00-3.00-3.00	1895 N. Y.....	7	13	M.	60-60-60	1.33-4.50-2.47
1890 Ill.....	19	17	M.	(a)	1.25-4.00-2.47	1896 Ill.....	7	6	M.	51-57-55	2.67-7.50-4.36
1891 Ill.....	19	18	M.	(a)	1.50-4.00-2.52	1896 Ill.....	7	2	F.	57-57-57	2.17-2.25-2.21
1892 Ill.....	19	11	M.	51-51-51	1.67-4.17-3.02						

ENGRAVERS, PORCELAIN AND CHINAWARE.

(b) England ..	561	(a)	(a)	(a)	.85-1.70- —	1872 England ..	185	(a)	M.	66-66-66	1.01-1.61- —
(c) England ..	563	(a)	(a)	(a)	.85-1.70- —	1874 England ..	569	(a)	M.	51-51-51	1.34-1.34-1.34
1863 England ..	565	(a)	(a)	62-62-62	1.70-1.70-1.70	1877 England ..	570	(a)	M.	e 50-50-50	1.22-1.62- —
1866 England ..	566	(a)	M.	50-54 —	1.22-1.62- —	1883 England ..	572	(a)	M.	48-48-48	1.46-1.46-1.46
(d) England ..	567	(a)	M.	66-66-66	1.01-1.62- —						

ENGRAVERS, STEEL.

1870 Switzerl'd.	711	(a)	M.	(a)	1.11-1.11-1.11	1891 France....	505	(a)	M.	60-60-60	.68-1.54- —
1873 Switzerl'd.	711	(a)	M.	(a)	1.23-1.48- —	1893 N. Y.....	10	1	M.	60-60-60	1.33-1.33-1.33
1885 Germany .	547	(a)	M.	(a)	.79-1.79- —	1894 Ohio	374	1	M.	(a)	2.17-2.17-2.17
1886 Germany .	548	(a)	(a)	(a)	.79-1.90- —	1896 Aust-Hun .	436	(a)	(a)	66-66-66	1.01-1.01-1.01
1888 N. Y.....	331	2	M.	50-50-50	1.67-4.33-3.00	1897 Australia .	428	(a)	(a)	(a)	1.62-4.06- —
1888 Germany .	558	(a)	(a)	60-60-60	.95-1.79- —	1898 N. J	329	48	M.	60-60-60	1.67-5.00-2.37
1889 Germany .	550	(a)	M.	(a)	1.07-1.79- —	1898 Australia .	429	(a)	(a)	(a)	1.62-4.06- —
1889 Portugal ..	691	(a)	(a)	(a)	.43-2.16- —						

ENGRAVERS, WAX.

1890 N. Y.....	333	20	M.	(a)	.83-3.67-1.83	1891 N. Y.....	333	16	M.	(a)	.83-3.67-2.07

ENGRAVERS, WOOD.

1882 Mo.....	294	1	M.	54-54-54	3.67-3.67-3.67	1891 China	105	(a)	(a)	(a)	.33- .33- .33
1882 N. Y.....	8	1	M.	54-54-54	1.50-1.50-1.50	1892 Cal.....	196	1	M.	60-60-60	3.33-3.33-3.33
1883 Md.....	8	2	M.	60-60-60	4.00-4.00-4.00	1892 Ill	19	1	M.	51-51-51	3.67-3.67-3.67
1883 Mass	273	4	M.	(a)	1.50-8.33-3.75	1892 Mo.....	301	1	M.	(a)	3.33-3.33-3.33
1884 Germany .	178	(a)	M.	60-60-60	.99-1.19- —	1893 Ill.....	10	1	M.	54-54-54	2.42-2.42-2.42
1885 N. Y.....	7	5	M.	(a)	.50-3.00-1.73	1893 Ill.....	19	1	M.	51-51-51	3.67-3.67-3.67
1887 Conn.....	202	4	M.	(a)	4.05-4.05-4.05	1893 N. Y.....	10	1	M.	48-48-48	3.33-3.33-3.33
1887 Ohio	369	10	M.	48-48-48	3.50-3.50-3.50	1893 Ohio	374	2	M.	48-48-48	3.00-3.00-3.00
1887 Wis	409	5	(a)	(a)	1.65-1.65-1.65	1893 Pa	10	1	M.	44-44-44	3.33-3.33-3.33
1888 N. Y.....	331	9	M.	(a)	.50-3.33-2.39	1893 France....	507	(a)	(a)	(a)	1.16-1.93- —
1889 Australia .	422	(a)	(a)	54-54-54	2.03-2.43- —	1895 Md.....	8	2	M.	60-60-60	4.00-4.00-4.00
1890 Ill.....	19	4	M.	51-51-51	2.00-3.67-3.00	1895 N. Y.....	7	5	M.	60-60-60	1.50-2.67-2.17
1890 N. Y.....	333	13	M.	(a)	1.33-3.67-2.92	1895 N. Y.....	8	1	M.	48-48-48	4.00-4.00-4.00
1890 Australia .	423	(a)	(a)	54-54-54	2.03-2.43- —	1895 France....	513	(a)	M.	60-60-60	1.16-1.16-1.16
1891 Ill.....	19	4	M.	51-51-51	2.00-4.00-3.08	1896 Ohio	377	2	M.	60-60-60	2.00-2.00-2.00
1891 N. Y.....	333	12	M.	(a)	1.33-3.67-2.86						

a Not reported.
b Average for 1855–57.
c Average for 1858–60.
d Average for 1867–68.
e Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ENTRYMEN, COTTON GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1853 Mass	190	1 M.	72-72-72	0.67-0.67-0.67	1873 Mass	190	1 M.	66-66-66	1.30-1.30-1.30
1854 Mass	190	1 M.	72-72-72	.67- .67- .67	1874 Mass	190	1 M.	66-66-66	1.25-1.25-1.25
1855 Mass	190	1 M.	72-72-72	.83. .83- .83	1875 Mass	190	1 M.	60-60-60	1.20-1.20-1.20
1856 Mass	190	1 M.	72-72-72	.83- .83- .83	1876 Mass	190	1 M.	60-60-60	1.00-1.00-1.00
1857 Mass	190	2 M.	72-72-72	.83- .83- .83	1877 Mass	190	2 M.	60-60-60	.90- .90- .90
1858 Mass	190	1 M.	72-72-72	.85- .85- .85	1878 Mass	190	2 M.	60-60-60	.52- .52- .52
1859 Mass	190	1 M.	72-72-72	.85- .85- .85	1879 Mass	190	2 M.	60-60-60	.85- .85- .85
1860 Mass	190	1 M.	72-72-72	.92- .92- .92	1880 Mass	190	1 M.	60-60-60	.99- .99- .99
1861 Mass	190	1 M.	66-66-66	.75- .75- .75	1881 Mass	190	1 M.	60-60-60	.99- .99- .99
1862 Mass	190	1 M.	66-66-66	.75- .75- .75	1882 Mass	190	1 M.	60-60-60	.99- .99- .99
1863 Mass	190	1 M.	66-66-66	1.00-1.00-1.00	1883 Mass	190	1 M.	60-60-60	.95- .95- .95
1864 Mass	190	1 M.	66-66-66	1.25-1.25-1.25	1884 Mass	190	1 M.	60-60-60	.95- .95- .95
1865 Mass	190	1 M.	66-66-66	1.25-1.25-1.25	1885 Mass	190	1 M.	60-60-60	.95- .95- .95
1866 Mass	190	1 M.	66-66-66	1.50-1.50-1.50	1886 Mass	190	1 M.	60-60-60	1.00-1.00-1.00
1867 Mass	190	1 M.	66-66-66	1.50-1.50-1.50	1887 Mass	190	1 M.	60-60-60	1.05-1.05-1.05
1868 Mass	190	1 M.	66-66-66	1.42-1.42-1.42	1888 Mass	190	1 M.	60-60-60	1.05-1.05-1.05
1869 Mass	190	1 M.	66-66-66	1.33-1.33-1.33	1889 Mass	190	1 M.	60-60-60	1.05-1.05-1.05
1870 Mass	190	1 M.	66-66-66	1.25-1.25-1.25	1890 Mass	190	1 M.	60-60-60	1.05-1.05-1.05
1871 Mass	190	1 M.	66-66-66	1.33-1.33-1.33	1891 Mass	190	1 M.	60-60-60	1.05-1.05-1.05
1872 Mass	190	1 M.	66-66-66	1.33-1.33-1.33					

ENVELOPE MAKERS.

1874 Mass	7	11	F.	60-60-60	.83-1.67-1.32	1891 N. Y	333	28	M.	(a)	.58-1.67-1.36
1884 Germany	178	(a)	M.	(a)	.36- .36- .36	1891 Belgium	457	(a)	F.	66-66-66	.06- .39- —
1884 Germany	178	(a)	F.	(a)	.24- .24- .24	1891 China	105	(a)	(a)	(a)	.15- .15- .15
1885 Conn	7	4	F.	59-59-59	.47- .78- .60	1892 Ill	210	2	F.	56-56-56	.92- .92- .92
1885 Mass	7	22	F.	60-60-60	.62-1.27-1.04	1893 N. Y	10	2	F.	60-60-60	1.33-1.67-1.50
1885 N. Y	7	2	F.	60-60-60	1.50-1.54-1.52	1893 Pa	10	1	F.	54-54-54	.75- .75- .75
1885 Ohio	7	7	F.	59-59-59	1.00-1.00-1.00	1895 Conn	7	20	F.	59-59-59	.50-1.04- .72
1887 Ill	3	10	F.	53-58-56	.42- .92- .61	1895 Mass	7	35	F.	55-58-58	.42-1.35-1.08
1887 Mass	3	1	F.	54-54-54	2.67-2.67-2.67	1895 N. Y	7	3	F.	60-60-60	1.17-2.00-1.46
1887 N. Y	3	1	F.	55-55-55	1.17-1.17-1.17	1895 Ohio	376	1	F.	60-60-60	.83- .83- .83
1887 Ohio	3	3	F.	58-58-58	.51-1.00- .84	1896 Ohio	7	9	F.	59-59-59	1.00-1.00-1.00
1888 Canada	470	(a)	F.	55-55-55	.63- .68- —	1896 Ohio	377	1	F.	60-60-60	.83- .83- .83
1889 Canada	471	(a)	F.	51-51-51	.56- .56- .56	1896 France	505	(a)	M.	66-72 —	.48- .68- —
1890 N. Y	333	25	M.	(a)	.58-1.67-1.32	1897 Italy	641	(a)	F.	(a)	.30- .30- .30

ERECTORS, CARS AND LOCOMOTIVES.

1871 Scotland	629	(a)	(a)	57-57-57	1.09-1.09-1.09	1884 Scotland	178	(a)	M.	72-72-72	.97-1.34- —
1873 Scotland	177	(a)	M.	72-72-72	1.00-1.25- —	1887 Ohio	369	52	M.	60-60-60	3.00-3.00-3.00
1878 Scotland	177	(a)	M.	72-72-72	1.00-1.32- —	1891 N. Y	333	115	M.	(a)	.75-4.23-1.68
1883 N. J	322	330	M.	60-60-60	1.67-2.50-1.95	1893 Ohio	374	201	M.	60-60-60	2.07-2.07-2.07
1884 Aust-Hun	178	(a)	M.	66-66-66	.57- .79- —	1894 Ohio	375	91	M.	60-60-60	1.73-1.73-1.73
1884 Canada	178	(a)	M.	60-60-60	2.00-2.50- —	1895 Ohio	376	98	M.	60-60-60	1.78-1.78-1.78
1884 England	178	(a)	M.	54-54-54	1.41-1.45- —	1896 Ohio	377	119	M.	60-60-60	1.69-1.69-1.69
1884 France	178	(a)	M.	(a)	.80-1.50- —						

ERECTORS' HELPERS, MACHINERY.

1893 Ohio	374	2	M.	60-60-60	1.33-1.33-1.33	1895 Ohio	376	2	M.	60-60-60	1.25-1.67-1.46
1894 Ohio	375	1	M.	60-60-60	1.50-1.50-1.50						

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ERECTORS, MACHINERY.

Year and State or country	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1839 England	562	(a) M.	58-58-58	1.30-1.30-1.30
1849 England	562	(a) M.	58-58-58	1.30-1.30-1.30
1859 England	562	(a) M.	58-58-58	1.34-1.34-1.34
1859 England	563	(a) M.	58-58-58	1.14-1.14-1.14
1863 England	565	(a) (a)	b57-57-57	1.14-1.16- —
1868 Germany	185	(a) M.	(a)	.60-1.08- —
1871 England	629	(a) (a)	59-59-59	1.30-1.30-1.30
1872 Germany	185	(a) M.	(a)	.96-3.00- —
1881 Germany	178	(a) M.	(a)	.38- .60- —
1883 Gr't Brit	273	(a) M.	(a)	1.38-1.46- —
1884 England	178	(a) M.	49-49-49	.97- .97- .97
1884 Germany	178	(a) M.	c66-66-66	.41- .95- —
1884 Switzerl'd	178	(a) M.	65-65-65	.77-1.54- —
1885 Ohio	1	25 M.	60-60-60	1.65-3.50-2.39
1886 England	604	(a) M.	54-54-54	1.19-1.19-1.19
1891 France	505	(a) M.	60-72 —	1.16-1.93- —
1892 Mass	20	3 M.	60-60-60	1.50-1.50-1.50
1892 France	505	(a) M.	69-69-69	.82- .97- —
1893 Mass	20	3 M.	60-60-60	1.50-1.50-1.50
1893 Ohio	374	115 M.	54-60-60	1.25-3.00-2.11
1894 Iowa	236	1 M.	48-48-48	5.00-5.00-5.00
1894 Mass	20	3 M.	60-60-60	1.40-1.40-1.40
1894 Ohio	375	65 M.	60-60-60	1.40-3.25-1.86
1895 Mass	20	3 M.	60-60-60	1.55-1.55-1.55
1895 Ohio	376	50 M.	d60-60-60	1.50-3.25-2.01
1896 Ohio	377	217 M.	54-60-59	1.64-2.25-1.82

ERECTORS, STRUCTURAL IRON.

1877	Ohio	359	15	M.	(a)	2.50-2.50-2.50	1895	Ohio	376	39	M.	54-60-60	1.75-2.50-1.94
1888	N. Y	331	4	M.	60-60-60	2.00-2.00-2.00	1896	Ohio	377	25	M.	54-57-55	1.75-2.50-1.90
1894	Ohio	375	41	M.	60-60-60	1.75-1.75-1.75	1896	Pa	394	5	M.	60-60-60	1.24-1.50-1.30
1894	France	129	(a)	M.	60-60-60	1.50-1.50-1.50							

ERRAND BOYS.

1861	N. Y	190	1	M.	(a)	.38- .38- .38	1882	Mass	7	2	M.	59-59-59	.58- .58- .58
1861	England	564	(a)	M.	56-56-56	.08- .24- —	1882	N. J	7	1	M.	(a)	.42- .42- .42
1862	N. Y	190	2	M.	(a)	.33- .38- .36	1882	N. Y	190	2	M.	f60-60-60	.50- .75- .63
1863	N. Y	190	2	M.	(a)	.33- .50- .42	1882	N. C	7	1	M.	57-57-57	.50- .50- .50
1864	N. Y	190	2	M.	(a)	.50- .63- .57	1882	Ohio	7	3	M.	54-54-54	.67- .67- .67
1865	N. Y	7	2	M.	51-51-51	.67- .83- .75	1882	Pa	7	7	M.	g57-57-57	.33- .58- .48
1865	England	627	(a)	M.	(a)	.06- .06- .06	1882	R. I	7	2	M.	60-60-60	.50- .67- .59
1866	England	566	(a)	M.	60-60-60	.20- .30- —	1882	S. C	7	2	M.	f51-51-51	.17- .33- .25
1867	N. Y	190	2	M.	(a)	.25- .42- .34	1882	Va	7	1	M.	54-54-54	.50- .50- .50
1868	N. Y	190	1	M.	(a)	.50- .50- .50	1882	W. Va	7	3	M.	f57-59-58	.42- .50- .44
1869	N. Y	190	1	M.	(a)	.83- .83- .83	1882	England	33	(a)	M.	56-56-56	.36- .69- —
1870	N. Y	190	1	M.	(a)	.83- .83- .83	1883	Ga	7	1	M.	(a)	.33- .33- .33
1870	W. Va	7	1	M.	72-72-72	.58- .58- .58	1883	Mass	7	3	M.	(a)	.50- .50- .50
1870	Norway	610	(a)	M.	(a)	.18- .27- —	1883	Mass	273	6	M.	(a)	.50-1.67- .94
1871	N. Y	190	2	M.	(a)	.50- .58- .54	1883	N. Y	7	4	M.	59-59-59	.33- .33- .33
1872	N. Y	190	1	M.	(a)	.58- .58- .58	1883	N. Y	190	1	M.	60-60-60	1.00-1.00-1.00
1874	N. Y	190	2	M.	(a)	.50- .50- .50	1883	Ohio	7	1	M.	78-78-78	.42- .42- .42
1874	R. I	7	1	M.	60-60-60	.50- .50- .50	1883	Pa	7	1	M.	(a)	.42- .42- .42
1875	Conn	7	1	M.	59-59-59	.58- .58- .58	1883	R. I	7	1	M.	60-60-60	.50- .50- .50
1875	N. Y	190	1	M.	(a)	.50- .50- .50	1883	W. Va	7	1	M.	60-60-60	.42- .42- .42
1876	Ga	7	1	M.	54-54-54	.33- .33- .33	1883	England	572	(a)	M.	56-56-56	.32- .69- —
1876	Pa	381	2	M.	(a)	.63- .63- .63	1884	Fla	7	3	M.	60-63-62	.42- .42- .42
1879	N. J	7	7	M.	(a)	.42-1.00- .55	1884	Ga	7	2	M.	54-60-57	.42- .50- .46
1879	N. Y	190	1	M.	60-60-60	.42- .42- .42	1884	Mich	278	15	M.	(a)	.25- .75- .50
1880	Ga	7	2	M.	60-60-60	.33- .42- .38	1884	Mo	7	1	M.	(a)	.83- .83- .83
1880	Ky	7	3	M.	e60-60-60	.50- .58- .56	1884	N. J	7	4	M.	h60-60-60	.50- .58- .56
1880	N. Y	7	12	M.	e51-60-53	.50- .67- .60	1884	N. Y	7	5	M.	(a)	.42- .50- .47
1880	N. Y	190	1	M.	60-60-60	.42- .42- .42	1884	Ohio	7	1	M.	51-51-51	.50- .50- .50
1880	Pa	7	5	M.	60-60-60	.50- .58- .55	1884	Pa	7	17	M.	54-75-59	.42- .67- .50
1880	R. I	7	1	M.	58-58-58	.42- .42- .42	1884	R. I	7	5	M.	f58-60-60	.42- .83- .58
1880	Va	7	1	M.	68-68-68	.42- .42- .42	1884	W. Va	7	2	M.	60-75-68	.42- .42- .42
1880	W. Va	7	2	M.	59-60-60	.50- .67- .59	1884	Aust-Hun	178	(a)	M.	76-76-76	.06- .23- —
1881	Conn	7	1	M.	60-60-60	.35- .35- .35	1884	Colombia	178	(a)	M.	60-60-60	.32- .32- .32
1881	Mass	7	11	M.	60-60-60	.50-1.00- .61	1884	Germany	178	(a)	M.	60-60-60	.48- .48- .48
1881	N. Y	190	2	M.	f60-60-60	.42- .75- .59	1884	Russia	178	(a)	M.	60-60-60	.08½- .42- —
1882	Conn	7	3	M.	(a)	.42- .58- .49	1884	Turk. in A	178	(a)	M.	66-66-66	.20- .41- —
1882	Fla	7	1	M.	(a)	.33- .33- .33	1885	Conn	7	4	M.	59-60-60	.46- .75- .55
1882	Ga	7	1	M.	(a)	.50- .50- .50	1885	Fla	7	1	M.	60-60-60	.33- .33- .33
1882	Ky	7	1	M.	59-59-59	.50- .50- .50	1885	Ill	7	3	M.	f54-54-54	.67- .83- .78

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 3 of the 6 wage quotations.
d Not including hours of 35 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 1 person not reported.
g Not including hours of 4 persons not reported
h Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ERRAND BOYS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 La	7	2 M.	a60-60-60	0.42-0.50-0.46
1885 Md	7	1 M.	(b)	.50- .50- .50
1885 Mass	7	13 M.	54-64-58	.33-1.17- .63
1885 Mo	7	1 M.	59-59-59	.67- .67- .67
1885 N. J	7	2 M.	a59-59-59	.42- .75- .59
1885 N. Y	1	1 M.	60-60-60	.75- .75- .75
1885 N. Y	7	21 M.	c53-60-59	.33- .92- .61
1885 Ohio	7	6 M.	58-60-59	.50- .67- .58
1885 R. I	7	7 M.	c48-54-52	.50- .75- .56
1885 S. C	7	1 M.	(b)	.50- .50- 50
1886 Fla	7	1 M.	60-60-60	.42- .42- .42
1886 Ill	7	10 M.	54-60-55	.50- .83- .66
1886 Iowa	7	6 M.	c58-69-61	.42- .50- .43
1886 Mich	7	5 M.	57-60-59	.33- .58- .47
1886 N. J	325	1 M.	60-60-60	.50- .50- .50
1886 N. Y	7	4 M.	59-60-60	.50- .50- .50
1886 N. Y	190	2 M.	(b)	.33- .33- .33
1886 Pa	7	20 M.	d48-64-57	.33-1.04- .48
1886 R. I	7	2 M.	60-60-60	.50- .58- .54
1887 N. Y	190	2 M.	(b)	.33- .33- .33
1888 Conn	190	1 M.	60-60-60	.65- .65- .65
1888 Mich	280	1 M.	60-60-60	1.25-1.25-1.25
1888 N. J	326	10 M.	(b)	.50- .92- .72
1888 N. Y	190	1 M.	(b)	.42- .42- .42
1888 N. Y	331	56 M.	e47-72-57	.29-2.00- .66
1889 Conn	190	1 M.	60-60-60	.65- .65- .65
1889 Mich	281	2 M.	60-60-60	.50- .75- .63
1889 N. Y	190	1 M.	(b)	.58- .58- .58
1890 Conn	190	1 M.	60-60-60	.75- .75- .75
1890 Ill	19	7 M.	(b)	.58-1.00- .74
1890 Minn	292	24 M.	51-59-58	.42- .69- .47
1890 N. Y	333	151 M.	(b)	.33-1.18- .66
1890 Ohio	6	3 M.	54-54-54	.50- .50- .50
1891 Ill	19	11 M.	(b)	.50-1.00- .62
1891 N. Y	190	2 M.	(b)	.75- .75- .75
1891 N. Y	333	177 M.	(b)	.32-1.17- .64
1891 Ohio	372	15 M.	54-60-59	.25- .75- .51
1892 Cal	196	4 M.	57-71-63	.42-1.50- .77
1892 Ill	19	6 M.	59-59-59	.67-1.17- .75
1893 Ill	10	5 M.	55-60-59	.50-1.00- .67
1893 Ill	19	5 M.	59-59-59	.67-1.00- .85
1893 Mont	307	1 M.	(b)	.77- .77- .77
1893 Ohio	374	6 M.	57-60-60	.40- .75- .53
1894 Ohio	375	8 M.	48-66-59	.40-1.00- .69
1894 France	506	(b) M.	f60-75 —	.89-1.11- —
1895 Conn	7	6 M.	59-60-60	0.46-0.75-0.56
1895 Ga	7	3 M.	51-58-54	.25- .50- .39
1895 La	7	7 M.	59-60-60	.50- .50- .50
1895 Me	7	3 M.	60-60-60	.63- .92- .74
1895 Md	7	2 M.	60-60-60	.42- .58- .50
1895 Mass	7	27 M.	58-62-60	.42-1.00- .60
1895 Mass	8	1 M.	60-60-60	1.00-1.00-1.00
1895 Mo	7	3 M.	59-60-59	.50- .75- .64
1895 Mo	304	2 M.	(b)	.33- .83- .58
1895 N. H	7	5 M.	60-60-60	.40- .83- .54
1895 N. J	7	20 M.	54-60-56	.42- .83- .54
1895 N. J	8	2 M.	60-60-60	.75- .75- .75
1895 N. Y	7	45 M.	48-60-55	.33-1.00- .65
1895 N. Y	8	30 M.	54-60-59	.50-1.33- .83
1895 N. Y	341	2 M.	a47-47-47	.50- .58- .54
1895 Ohio	7	10 M.	58-58-58	.50- .50- .50
1895 Ohio	376	47 M.	54-60-59	.40-1.00- .58
1895 R. I	7	42 M.	54-60-57	.33-1.00- .58
1895 S. C	7	11 M.	51-66-61	.17- .67- .49
1895 Tenn	7	1 M.	67-67-67	.70- .70- .70
1895 Va	7	2 M.	60-60-60	.42- .42- .42
1896 Conn	7	2 M.	60-60-60	.60- .80- .70
1896 Fla	7	6 M.	57-66-62	.33- .50- .42
1896 Ga	7	7 M.	48-60-54	.25- .67- .43
1896 Ill	7	34 M.	54-60-56	.50-1.00- .71
1896 Iowa	7	10 M.	54-63-58	.42- .58- .44
1896 Ky	7	10 M.	54-60-57	.50- .75- .63
1896 Mass	8	21 M.	58-58-58	.48-1.45- .83
1896 Mich	7	11 M.	54-60-56	.33- .83- .49
1896 Nebr	314	1 (b)	54-54-54	.75- .75- .75
1896 N. Y	7	22 M.	54-60-59	.25- .67- .50
1896 N. Y	336	156 M.	(b)	.25-1.33- .62
1896 Ohio	7	14 M.	51-60-57	.33- .67- .57
1896 Ohio	377	41 M.	a48-75-59	.40- .61- .53
1896 Pa	7	73 M.	48-60-58	.33- .67- .51
1896 R. I	7	2 M.	60-60-60	.50-1.17- .84
1896 W. Va	7	11 M.	57-60-59	.50- .67- .54
1897 Australia	418	(b) (b)	(b)	.61- .61- .61
1898 N. J	329	67 M.	60-60-60	.42-1.08- .66
1898 Ohio	18	1 M.	(b)	.33- .33- .33
1898 Pa	18	1 M.	(b)	.50- .50- .50
1898 Australia	429	(b) M.	(b)	.14- .71- —
1899 Ohio	18	1 M.	(b)	.83- .83- .83
1899 Pa	18	4 M.	(b)	.58- .83- .71

ERRAND GIRLS.

1883 Ill	3	1	F.	(b)	.50- .50- .50	1888 N. J	326	2	F.	(b)	.67- .67- .67
1883 Mass	273	8	F.	(b)	.42- .42- .42	1888 N. Y	331	1	F.	60-60-60	.42- .42- .42
1885 N. Y	7	6	F.	a50-50-50	.50-1.00- .82	1890 Minn	292	1	F.	60-60-60	.67- .67- .67
1885 Pa	7	1	F.	60-60-60	.33- .33- .33	1890 N. Y	333	17	F.	(b)	.33- .67- .43
1886 Ill	3	1	F.	(b)	.33- .33- .33	1891 Mich	283	1	F.	(b)	.25- .25- .25
1886 Ill	7	7	F.	54-60-56	.67- .83- .79	1891 N. Y	333	24	F.	(b)	.33- .67- .45
1886 Md	3	5	F.	57-63-59	.17- .28- .24	1892 Ill	210	7	F.	54-56-54	.50- .85- .61
1886 Mich	7	1	F.	54-54-54	.50- .50- .50	1895 Me	7	1	F.	57-57-57	.83- .83- .83
1886 Mo	3	2	F.	49-60-55	.25- .83- .54	1895 Mass	7	1	F.	58-58-58	.83- .83- .83
1886 N. Y	3	3	F.	a48-56-52	.25- .40- .33	1895 N. Y	7	18	F.	50-54-53	.50- .83- .55
1886 Pa	3	3	F.	56-59-57	.33- .42- .36	1895 N. Y	8	48	F.	59-60-59	.50-1.67- .88
1886 Pa	7	3	F.	a54-59-57	.25- .42- .36	1895 N. Y	341	1	F.	47-47-47	.42- .42- .42
1887 Ill	3	12	F.	48-60-56	.29- .67- .46	1896 Ill	7	8	F.	54-60-56	.67- .83- .71
1887 Mass	3	10	F.	51-62-56	.35- .58- .46	1896 Mich	7	1	F.	54-54-54	.50- .50- .50
1887 N. Y	3	26	F.	a49-60-54	.25- .58- .42	1896 N. Y	7	1	F.	60-60-60	.58- .58- .58
1887 Ohio	3	3	F.	54-59-57	.25- .46- .35	1896 Pa	7	4	F.	52-58-56	.33- .42- .40
1887 Pa	3	1	F.	55-55-55	.29- .29- .29	1896 Pa	394	1	F.	60-60-60	.75- .75- .75
1888 Ind	3	1	F.	57-57-57	.33- .33- .33						

a Not including hours of 1 person not reported.
b Not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 4 persons not reported.
e Not including hours of 23 persons not reported.
f Applies to but 5 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ETCHERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 N. J	7	7	F.	(a)	0.50-1.25-0.80
1883 Mass	273	2	M.	(a)	3.33-3.33-3.33
1883 Mass	273	4	(a)	(a)	.67- .67- .67
1883 Scotland	572	(a)	M.	56-56-56	1.42-1.42-1.42
1884 Canada	466	(a)	M.	60-60-60	1.25-1.25-1.25
1885 N. H	7	1	M.	59-59-59	1.33-1.33-1.33
1885 N. H	7	1	F.	59-59-59	1.41-1.41-1.41
1885 W. Va	1	2	M.	60-60-60	2.00-2.00-2.00
1885 Canada	467	(a)	M.	53-56 —	.99-1.17- —
1886 N. Y	3	4	F.	53-62-58	.58-1.00- .85
1886 Pa	3	2	F.	55-55-55	.67- .67- .67
1886 Germany	548	(a)	(a)	(a)	.71-1.03- —
1887 Conn	202	2	M.	(a)	1.50-1.67-1.59
1888 N. Y	331	18	M.	b 46-55-50	.50-3.67-2.80
1888 Germany	558	(a)	(a)	60-60-60	.95-1.31- —
1889 Germany	550	(a)	M.	(a)	.95-1.19- —
1890 Ill	19	2	M.	51-51-51	.75-3.33-2.04
1890 N. Y	333	3	M.	(a)	1.67-4.17-2.83
1890 Netherl'ds	666	(a)	M.	60-60-60	.47- .47- .47
1891 Ill	19	3	M.	51-51-51	1.00-3.33-2.44
1891 N. Y	333	4	M.	(a)	1.00-4.17-2.38
1892 Ill	19	2	M.	51-51-51	3.00-4.17-3.59
1892 Ind	227	9	M.	60-60-60	2.18-2.18-2.18
1892 Ohio	373	6	F.	(a)	.60- .60- .60
1892 Ohio	373	3	(a)	58-58-58	2.00-2.50-2.17
1892 France	505	(a)	F.	69-69-69	.33- .33- .33
1893 Ill	19	3	M.	51-51-51	2.00-4.17-3.17
1894 Ind	228	3	M.	48-48-48	1.88-1.88-1.88
1894 N. H	316	1	M.	(a)	1.67-1.67-1.67
1895 Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1895 N. H	7	1	M.	59-59-59	3.17-3.17-3.17
1895 N. J	7	3	M.	54-54-54	.46- .58- .50
1895 N. J	7	3	F.	54-54-54	.50-1.00- .69
1895 Ohio	376	2	M.	54-54-54	4.66-4.66-4.66
1895 Pa	8	3	M.	48-54-52	1.35-3.33-2.39
1895 Aust-Hun.	435	(a)	(a)	57-63 —	.58- .58- .58
1896 Aust-Hun.	436	(a)	(a)	48-48-48	.81- .81- .81
1897 Ohio	377	5	M.	60-60-60	1.25-1.25-1.25
1897 Ohio	377	10	F.	60-60-60	.75- .75- .75
1897 Australia	428	(a)	(a)	(a)	1.22-2.23- —
1898 Australia	429	(a)	(a)	(a)	1.22-2.23- —

ETCHERS' HELPERS.

1890 N. Y	333	2	M.	(a)	1.67-1.83-1.75
1891 N. Y	333	2	M.	(a)	1.67-1.83-1.75
1895 Pa	8	1	M.	54-54-54	1.50-1.50-1.50

EXAMINERS, CLOTHING.

1855 N. Y	8	1	M.	66-66-66	2.00-2.00-2.00
1855 France	8	(a)	F.	66-66-66	.39- .39- .39
1885 Md	7	11	F.	60-60-60	.42- .83- .67
1885 Mass	7	2	F.	60-60-60	1.00-1.33-1.17
1885 N. Y	7	24	F.	56-60-59	.50-1.33- .84
1885 Wis	7	1	F.	60-60-60	1.17-1.17-1.17
1886 Ill	7	2	F.	(a)	.83- .83- .83
1886 N. Y	7	2	F.	60-60-60	1.00-1.00-1.00
1886 Pa	7	6	F.	c 59-59-59	.50-1.33- .92
1890 N. Y	333	142	M.	(a)	.33-5.00-1.94
1890 N. Y	333	11	F.	(a)	.83-1.33-1.11
1891 N. Y	333	164	M.	(a)	.33-5.00-1.92
1891 N. Y	333	8	F.	(a)	.83-1.33-1.08
1892 Australia	424	(a)	M.	(a)	2.03-2.03-2.03
1893 Ireland	632	(a)	F.	(a)	.24- .57- —
1894 Ohio	375	1	M.	57-57-57	2.50-2.50-2.50
1894 Ohio	375	2	F.	57-57-57	2.00-2.00-2.00
1894 Australia	425	(a)	(a)	(a)	2.43-2.43-2.43
1895 Ill	8	7	F.	54-60-56	.58-1.08- .86
1895 Mass	7	12	F.	58-58-58	.51-1.47-1.04
1895 N. J	8	1	M.	60-60-60	1.67-1.67-1.67
1895 N. J	8	1	F.	60-60-60	1.17-1.17-1.17
1895 N. Y	7	1	M.	59-59-59	.58- .58- .58
1895 N. Y	7	38	F.	56-60-58	.50-1.69- .92
1895 N. Y	8	16	M.	54-66-57	.83-3.33-1.99
1895 N. Y	8	52	F.	54-60-58	.83-2.50-1.73
1895 Ohio	376	8	M.	54-60-57	1.27-2.75-1.80
1895 Ohio	376	7	F.	54-60-57	.93-2.00-1.40
1895 Pa	8	10	F.	60-60-60	.58-1.50-1.08
1895 Australia	426	(a)	(a)	(a)	2.43-2.43-2.43
1895 Ireland	8	(a)	M.	60-60-60	.83-1.00- —
1896 Ill	7	5	F.	57-57-57	.83- .83- .83
1896 Md	7	30	F.	60-60-60	.67-1.25- .90
1896 N. J	8	32	F.	56-56-56	1.00-1.25-1.08
1896 N. Y	7	3	F.	59-59-59	1.00-1.17-1.06
1896 N. Y	8	1	M.	54-54-54	.67- .67- .67
1896 N. Y	8	15	F.	54-54-54	.83-1.00- .90
1896 Ohio	377	7	M.	54-57-54	1.90-2.75-2.06
1896 Ohio	377	7	F.	57-60-58	1.50-1.75-1.64
1896 Pa	7	1	M.	58-58-58	.83- .83- .83
1896 Pa	7	12	F.	58-58-58	.50-1.00- .70
1896 Wis	7	2	F.	54-54-54	1.02-1.32-1.17
1896 Australia	427	(a)	(a)	(a)	2.03-2.43- —
1897 N. J	328	10	F.	(a)	.75-1.00- .90
1897 Pa	395	1	F.	(a)	.84- .84- .84
1897 Australia	428	(a)	M.	(a)	.57-2.33- —
1898 N. J	329	1	M.	60-60-60	2.00-2.00-2.00
1898 Australia	429	(a)	M.	(a)	.57-2.33- —

EXAMINERS, LAUNDRY.

1885 N. Y	7	6	F.	60-60-60	.83-1.67-1.28
1890 N. Y	333	6	M.	(a)	1.25-1.25-1.25
1890 N. Y	333	4	F.	(a)	.75- .75- .75
1891 N. Y	333	6	M.	(a)	1.25-1.25-1.25
1891 N. Y	333	4	F.	(a)	.75- .75- .75
1895 N. Y	7	8	F.	60-60-60	1.17-1.67-1.40

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EXAMINERS, TEXTILES.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1862 Italy	635	(a) F.	(a)	0.16-0.16-0.16
1863 Italy	635	(a) F.	(a)	.16- .16- .16
1864 Italy	635	(a) F.	(a)	.16- .16- .16
1865 Italy	635	(a) F.	(a)	.16- .16- .16
1866 Italy	635	(a) F.	(a)	.16- .16- .16
1867 Italy	635	(a) F.	(a)	.16- .16- .16
1868 Italy	635	(a) F.	(a)	.16- .16- .16
1869 Italy	635	(a) F.	(a)	.17- .17- .17
1870 Italy	635	(a) F.	(a)	.19- .19- .19
1871 Italy	635	(a) F.	(a)	.19- .19- .19
1872 Italy	635	(a) F.	(a)	.19- .19- .19
1873 Italy	635	(a) F.	(a)	.23- .23- .23
1874 Italy	635	(a) F.	(a)	.23- .23- .23
1875 Italy	635	(a) F.	(a)	.23- .23- .23
1876 Italy	635	(a) F.	(a)	.23- .23- .23
1877 Italy	635	(a) F.	(a)	.23- .23- .23
1878 Italy	635	(a) F.	(a)	.23- .23- .23
1879 Italy	635	(a) F.	(a)	.23- .23- .23
1880 Italy	635	(a) F.	(a)	0.23-0.23-0.23
1881 Italy	635	(a) F.	(a)	.23- .23- .23
1882 Italy	635	(a) F.	(a)	.23- .23- .23
1883 S. C.	7	1 F.	70-70-70	.90- .90- .90
1883 Italy	635	(a) F.	(a)	.23- .23- .23
1884 Italy	635	(a) F.	(a)	.20- .20- .20
1890 N. Y.	333	3 M.	(a)	.83- 83- .83
1890 N. Y.	333	14 F.	(a)	.83- 83- .83
1891 N. Y.	333	4 M.	(a)	.83-4.17-1.67
1891 N. Y.	333	15 F.	(a)	1.00-1.00-1.00
1891 Italy	638	(a) F.	72-72-72	.21- .21- .21
1892 France	505	(a) F.	63-63-63	.34- .63- —
1893 Scotland	632	(a) F.	(a)	.51- .51- .51
1895 S. C.	7	8 F.	66-66-66	.80- .80- .80
1896 Ohio	377	5 M.	60-60-60	1.29-1.29-1.29
1896 Ohio	377	5 F.	60-60-60	.89- .89- .89
1896 Pa	394	2 F.	60-60-60	.55- .60- .58

EXAMINERS, TICKETS, RAILROAD.

1885	Mich	279	2	M.	(a)	1.64-1.64-1.64	1887	Pa	4	10	M.	(a)	1.81-1.97-1.96
1887	Md	4	12	M.	(a)	1.97-1.97-1.97	1893	Mich	285	3	M.	84-112-93	1.64-1.64-1.64

EXHAUSTERS, CANNED GOODS.

1865	Md	8	2	M.	72-72-72	2.00-2.00-2.00	1894	N. C	8	1	M.	60-60-60	1.50-1.50-1.50
1894	Md	8	4	M.	60-72-69	1.25-1.75-1.56							

EXHAUST MEN, ILLUMINATING GAS.

1892	Ohio	20	2	M.	60-72-66	2.50-2.50-2.50	1894	Ohio	20	4	M.	60-72-66	2.00-2.50-2.38
1893	Ohio	20	4	M.	60-72-69	2.50-2.50-2.50	1895	Ohio	20	4	M.	60-72-66	2.00-2.50-2.38

EYE CUTTERS, GRINDSTONES.

1882	Ohio	364	6	(a)	60-60-60	2.50-2.50-2.50	1888	Mich	280	10	M.	54-60-59	1.50-1.74-1.62

EYELETERS, BOOTS AND SHOES.

1875	Mass	270	9	F.	(a)	1.33-1.62-1.46	1892	Ill	210	4	F.	56-58-57	1.18-2.39-1.77
1879	Pa	7	3	F.	57-57-57	1.55-1.72-1.61	1892	Me	258	4	F.	(a)	.50-1.17- .95
1883	England	572	(a)	M.	54-54-54	.24- .24- .24	1892	France	505	(a)	M.	(a)	.68-1.06- —
1883	England	572	(a)	F.	(a)	.12- .12- .12	1892	France	505	(a)	F.	66-66-66	.19- .58- —
1885	Mass	1	2	M.	60-60-60	1.25-1.25-1.25	1895	Mass	7	2	M.	59-59-59	1.80-2.53-2.17
1885	Mass	1	2	F.	60-60-60	1.50-1.50-1.50	1895	Mass	7	2	F.	58-58-58	1.52-2.31-1.92
1885	Mass	7	5	M.	59-59-59	1.00-1.94-1.44	1895	Mass	8	13	M.	60-60-60	.83-2.50-1.71
1887	Mass	3	1	F.	60-60-60	.58- .58- .58	1895	Mass	8	1	F.	60-60-60	.75- .75- .75
1887	N. Y.	3	2	F.	55-56-56	1.08-1.08-1.08	1895	N. Y.	8	3	F	60-60-60	.60- .67- .65
1888	Me	254	2	F.	60-60-60	.75-1.25-1.00	1895	N. C	8	1	M.	60-60-60	1.50-1.50-1.50
1888	N. Y.	331	1	M.	59-59-59	.54- .54- .54	1896	Pa	7	1	F.	59-59-59	.67- .67- 67
1891	Me	257	1	F.	60-60-60	1.54-1.54-1.54	1897	Australia	428	(a)	M.	(a)	.71-1.01- —
1891	Me	257	15	(a)	(a)	1.47-1.47-1.47	1898	Australia	429	(a)	M.	(a)	.71-1.01- —
1891	Mich	283	2	F.	(a)	1.00-1.17-1.09							

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

EYELETERS, CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	629	(a) (a)	(a)	0.32-0.32-0.32
1874 Conn.....	185	6 F.	(a)	.83- .83- .83
1881 Conn.....	7	1 F.	60-60-60	.78- .78- .78
1885 Mass	7	2 F.	60-60-60	1.17-1.33-1.25
1886 Mo	3	1 F.	53-53-53	1.50-1.50-1.50
1886 N. J	3	2 F.	49-53-51	.83-1.00- .92
1886 Pa	3	1 F.	56-56-56	.58- .58- .58
1887 Mass	3	8 F.	b 48-59-52	.58-1.17- .84
1887 N. Y.....	3	9 F.	50-58-54	.33-1.25- .74
1888 N. J	326	2 F.	(a)	.58- .58- .58
1888 N. Y.....	331	52 M.	53-59-54	.67- .67- .67
1888 N. Y.....	331	1 F.	(a)	0.67-0.67-0.67
1890 N. Y.....	333	4 M.	(a)	.67-1.13- .86
1891 Mich.....	283	2 F.	(a)	.92-1.00- .96
1891 N. Y.....	333	4 M.	(a)	.67-1.13- .86
1892 Ill.....	210	1 F.	54-54-54	1.25-1.25-1.25
1895 Conn.....	7	1 F.	60-60-60	1.02-1.02-1.02
1895 Mass	7	3 F.	58-58-58	1.11-1.55-1.32
1896 N. J	8	2 F.	56-56-56	1.00-1.50-1.25
1896 N. Y.....	8	2 M.	54-54-54	.75-1.33-1.04
1897 N. J	328	1 F.	(a)	.67- .67- .67

EYELETERS, PAPER PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. J	3	1 F.	54-54-54	.35- .35- .35
1886 Pa	3	2 F.	59-59-59	.83- .83- .83
1887 Mass	3	1 F.	53-53-53	1.00-1.00-1.00
1887 N. Y.....	3	2 F.	56-56-56	.43- .43- .43
1888 N. Y.....	331	8 M.	59-59-59	.75- .75- .75
1888 N. Y.....	331	1 F.	(a)	.58- .58- .58
1890 Ill.....	19	4 M.	(a)	1.50-1.67-1.54
1891 Ill.....	19	2 M.	(a)	1.50-1.50-1.50
1892 Ill.....	19	1 M.	59-59-59	1.67-1.67-1.67
1893 Ill.....	19	1 M.	59-59-59	1.67-1.67-1.67

EYELET WORKERS, AWNINGS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Mass	8	1 F.	60-60-60	1.33-1.33-1.33
1894 Mass	8	1 F.	60-60-60	1.42-1.42-1.42
1895 Mass	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Mass	8	2 F.	54-60-57	1.33-1.50-1.42
1897 Mass	8	1 M.	60-60-60	3.00-3.00-3.00

EYE MAKERS, BUTTONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1830 Conn.....	8	2 M.	60-60-60	1.00-1.00-1.00
1840 Conn.....	8	2 M.	60-60-60	.67- .67- .67
1862 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1892 Conn.....	8	2 F.	60-60-60	.83- .83- .83

EYE MAKERS, NEEDLES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Conn.....	8	4 F.	60-60-60	1.58-1.58-1.58
1895 Mass	8	6 F.	60-60-60	1.25-1.25-1.25

EYE PUNCHERS, NEEDLES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 N. J	327	12 F.	c 57-57-57	1.00-1.15-1.09

FACERS, CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Mass	3	1 F.	57-57-57	1.17-1.17-1.17
1887 N. Y.....	3	1 F.	53-53-53	1.00-1.00-1.00
1888 N. Y.....	331	1 M.	59-59-59	1.00-1.00-1.00
1891 Mich.....	283	3 F.	(a)	.71- .75- .72
1897 N. J	328	2 F.	(a)	.58- .58- .58

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FANCY SCREEN MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	Japan	642	(a)	M.	(a)	b0.22-0.57- —
1885	Japan	643	(a)	M.	(a)	b .20- .47- —
1886	Japan	644	(a)	M.	(a)	b .18- .36- —
1887	Japan	645	(a)	M.	(a)	b .18- .35- —
1892	Japan	646	(a)	(a)	(a)	0.18-0.35- —
1894	Japan	647	(a)	(a)	(a)	.13- .26- —
1895	Japan	132	(a)	(a)	60-60-60	.26- .26- .26

FAN MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1869	Spain	609	(a)	F.	(a)	.15- .30- —
1869	Spain	609	(a)	(a)	(a)	1.01-1.01-1.01
1870	Spain	610	(a)	F.	66-66-66	.14- .30- —
1884	Aust-Hun	178	(a)	(a)	60-60-60	.17-2.67- —
1884	Italy	178	(a)	M.	(a)	.39- .39- .39
1884	Italy	178	(a)	F.	(a)	.39- .39- .39
1889	China	88	(a)	(a)	(a)	.30- .30- .30

FAN MEN, COAL MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1855	Belgium	598	(a)	(a)	(a)	.24- .24- .24
1856	Belgium	598	(a)	(a)	(a)	.22- .22- .22
1857	Belgium	598	(a)	(a)	(a)	.25- .25- .25
1858	Belgium	598	(a)	(a)	(a)	.26- .26- .26
1859	Belgium	598	(a)	(a)	(a)	.25- .25- .25
1860	Belgium	598	(a)	(a)	(a)	.25- .25- .25
1861	Belgium	598	(a)	(a)	(a)	.28- .28- .28
1862	Belgium	598	(a)	(a)	(a)	.31- .31- .31
1863	Belgium	598	(a)	(a)	(a)	.27- .27- .27
1864	Belgium	598	(a)	(a)	(a)	.31- .31- .31
1865	Belgium	598	(a)	(a)	(a)	.28- .28- .28
1866	Belgium	598	(a)	(a)	(a)	.37- .37- .37
1867	Belgium	598	(a)	(a)	(a)	.44- .44- .44
1868	Belgium	598	(a)	(a)	(a)	.43- .43- .43
1869	Belgium	598	(a)	(a)	(a)	.39- .39- .39
1870	Belgium	598	(a)	(a)	(a)	.43- .43- .43
1871	Belgium	598	(a)	(a)	(a)	.42- .42- .42
1872	Belgium	598	(a)	(a)	(a)	.47- .47- .47
1873	Belgium	598	(a)	(a)	(a)	.49- .49- .49
1874	Belgium	598	(a)	(a)	(a)	.47- .47- .47
1875	Belgium	598	(a)	(a)	(a)	.41- .41- .41
1876	Belgium	598	(a)	(a)	(a)	.45- .45- .45
1877	Belgium	598	(a)	(a)	(a)	.38- .38- .38
1878	Belgium	598	(a)	(a)	(a)	.34- .34- .34
1879	Belgium	598	(a)	(a)	(a)	.35- .35- .35
1880	Belgium	598	(a)	(a)	(a)	.40- .40- .40
1881	Belgium	598	(a)	(a)	(a)	.40- .40- .40
1882	Belgium	598	(a)	(a)	(a)	.36- .36- .36
1883	Belgium	598	(a)	(a)	(a)	.36- .36- .36
1884	Belgium	598	(a)	(a)	(a)	.36- .36- .36
1885	Belgium	598	(a)	(a)	(a)	.34- .34- .34
1886	Belgium	598	(a)	(a)	(a)	.31- .31- .31
1889	Pa	5	6	M.	(a)	1.50-3.26-1.84
1892	France	505	(a)	M.	60-60-60	.77- .77- .77

FAN MEN, LEAD MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1841	England	625	(a)	M.	(a)	.24- .28- —

FANNING MILL MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Canada	466	(a)	M.	60-60-60	1.58-1.58-1.58
1887	Canada	469	(a)	M.	58-59 —	1.61-1.69- —
1888	Canada	470	(a)	M.	58-58-58	1.43-1.43-1.43
1889	Canada	471	(a)	M.	60-60-60	1.55-1.55-1.55

FAN PAINTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1869	Spain	609	(a)	(a)	(a)	.51- .61- —
1870	Spain	610	(a)	M.	66-66-66	.51- .61- —
1894	France	129	(a)	F.	60-60-60	.87-3.86- —

FARE-BOX COLLECTORS, STREET RAILWAY.

Year	State or country	Rep't No.	Number and sex of employees			Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1882	Ohio	364	2	(a)		72-72-72	1.40-1.40-1.40
1884	Pa	388	26	M.		66-96-69	1.59-3.00-2.35
1885	Pa	389	26	M.		54-72-61	.50-2.58-2.31

a Not reported. b And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1725 England ..	185	(a) (a)	(a)	0.18-0.24- —
1725 England ..	185	(a) (a)	(a)	b.08- .12- —
1768 England ..	185	(a) (a)	(a)	.06- .65- —
1770 England ..	172	(a) (a)	(a)	.29- .29- .29
(c) Switzerl'd.	714	(a) (a)	(a)	.14- .23- —
(c) Switzerl'd.	714	(a) (a)	(a)	b.08- .09½- —
1810 England ..	572	(a) (a)	(a)	.61- .61- .61
(d) Switzerl'd.	714	(a) (a)	(a)	.16- .23- —
(d) Switzerl'd.	714	(a) (a)	(a)	b.08- .09½- —
1811 England ..	572	(a) (a)	(a)	.61- .61- .61
1812 England ..	572	(a) (a)	(a)	.61- .61- .61
1813 England ..	572	(a) (a)	(a)	.61- .61- .61
1814 England ..	572	(a) (a)	(a)	.61- .61- .61
1815 England ..	572	(a) (a)	(a)	.61- .61- .61
(e) Switzerl'd.	714	(a) (a)	(a)	.16- .22- —
(e) Switzerl'd.	714	(a) (a)	(a)	b.08- .09½- —
1816 England ..	572	(a) (a)	(a)	.61- .61- .61
1817 England ..	572	(a) (a)	(a)	.61- .61- .61
1818 England ..	572	(a) (a)	(a)	.61- .61- .61
1819 England ..	572	(a) (a)	(a)	.61- .61- .61
1820 England ..	572	(a) (a)	(a)	.55- .55- .55
(f) Switzerl'd.	714	(a) (a)	(a)	.16- .33- —
(f) Switzerl'd.	714	(a) (a)	(a)	b.11- .12- —
1821 England ..	572	(a) (a)	(a)	.61- .61- .61
1822 England ..	572	(a) (a)	(a)	.61- .61- .61
1823 England ..	572	(a) (a)	(a)	.53- .53- .53
1824 England ..	572	(a) (a)	(a)	.53- .53- .53
1825 England ..	572	(a) (a)	(a)	.57- .57- .57
(g) Switzerl'd.	714	(a) (a)	(a)	.05- .34- —
(g) Switzerl'd.	714	(a) (a)	(a)	b.09½-.11- —
1828 Ga	8	2 M.	60-60-60	.40- .50- .45
1830 Ill	8	20 M.	60-60-60	.50- .75- .56
1830 Belgium ..	450	(a) M.	(a)	.14- .24- —
1830 Belgium ..	450	(a) F.	(a)	.12- .14- —
(h) Switzerl'd.	714	(a) (a)	(a)	.05- .34- —
(h) Switzerl'd.	714	(a) (a)	(a)	b.08- .12- —
1832 England ..	572	(a) (a)	(a)	.41- .61- —
1832 France	676	(a) M.	(a)	.24- .24- .24
1832 France	676	(a) F.	(a)	.14- .14- .14
1832 France	676	(a) (a)	(a)	.07½-.07½-.07½
(i) Switzerl'd.	714	(a) (a)	(a)	.05- .34- —
(i) Switzerl'd.	714	(a) (a)	(a)	b.12- .13- —
1836 Scotland ..	628	(a) M.	j60-60-60	.12- .41- —
1836 Scotland ..	628	(a) F.	(a)	.12- .16- —
1839 England ..	562	(a) M.	60-60-60	.61- .61- .61
1839 England ..	562	(a) M.	60-60-60	k.24- .24- .24
1840 Belgium ..	450	(a) M.	(a)	.17- .26- —
1840 Belgium ..	450	(a) F.	(a)	.12- .15- —
(l) Switzerl'd.	714	(a) (a)	(a)	.05- .34- —
(l) Switzerl'd.	714	(a) (a)	(a)	b.10- .14- —
1841 Tex	8	22 M.	66-66-66	.50- .50- .50
1842 Scotland ..	628	(a) M.	(a)	b.19- .19- .19
1842 Scotland ..	628	(a) M.	(a)	m.19- .22- —
1843 Fla	8	1 M.	66-66-66	.75- .75- .75
1844 Ky	8	2 M.	60-60-60	.30- .30- .30
1845 N. J	199	4 M.	(a)	b.25- .40- .31
(n) Switzerl'd.	714	(a) (a)	(a)	.05- .39- —
(n) Switzerl'd.	714	(a) (a)	(a)	b.11- .15- —
1846 N. J	199	1 M.	(a)	.40- .40- .40
1846 N. J	199	4 M.	(a)	b.23- .35- .29
1847 N. J	199	6 M.	(a)	.27- .40- .33
1848 N. J	199	4 M.	(a)	.23- .50- .37
1848 Wis	8	4 M.	60-60-60	b.63- .63- .63
1849 N. J	199	2 M.	(a)	0.32-0.50-0.41
1849 England ..	562	(a) M.	60-60-60	.61- .61- .61
1849 England ..	562	(a) M.	60-60-60	k.24- .24- .24
1850 Ill	8	38 M.	60-66-60	.40-1.00- .58
1850 Ky	8	12 M.	60-60-60	.50-1.00- .96
1850 N. J	199	2 M.	(a)	.33- .50- .42
1850 R. I	8	2 M.	60-60-60	.75- .75- .75
1850 Belgium ..	450	(a) M.	(a)	.18- .29- —
1850 Belgium ..	450	(a) M.	(a)	b.09½-.18- —
1850 Belgium ..	450	(a) F.	(a)	.12- .18- —
1850 Belgium ..	450	(a) F.	(a)	b.06- .09½- —
1850 England ..	172	(a) (a)	(a)	.39- .39- .39
(o) Switzerl'd.	714	(a) (a)	(a)	.05- .42- —
(o) Switzerl'd.	714	(a) (a)	(a)	b.15- .16- —
1851 N. J	199	3 M.	(a)	.29- .50- .37
1851 England ..	632	(a) M.	(a)	.49- .49- .49
1852 N. J	199	4 M.	(a)	.27- .50- .38
1852 Scotland ..	628	(a) M.	(a)	.38- .38- .38
1852 Scotland ..	632	(a) M.	(a)	.36- .36- .36
1852 Scotland ..	632	(a) F.	(a)	.16- .16- .16
1853 Fla	8	10 M.	60-60-60	.31- .31- .31
1853 N. J	199	2 M.	(a)	.38- .50- .44
1853 Wis	8	4 M.	60-60-60	b.75- .75- .75
1853 England ..	632	(a) M.	(a)	.32- .55- —
1854 N. J	199	5 M.	(a)	.35- .38- .37
1854 N. Y.....	190	125 M.	66-66-66	1.00-1.00-1.00
1854 Belgium ..	185	(a) M.	(a)	.14- .23- —
1854 England ..	632	(a) M.	(a)	.32- .36- —
1855 Ill.....	8	32 M.	60-60-60	.40-1.00- .64
1855 La	8	137 M.	66-66-66	1.00-1.00-1.00
1855 N. J	199	2 M.	(a)	.23- .35- .29
1855 N. J	199	1 M.	(a)	b.63- .63- .63
1855 N. Y.....	190	125 M.	66-66-66	.88- .88-.88
1855 England ..	177	(a) M.	(a)	.40- .40- .40
1855 England ..	632	(a) M.	(a)	.45- .49- —
(p) Switzerl'd.	714	(a) (a)	(a)	.08½-.48- —
(p) Switzerl'd.	714	(a) (a)	(a)	b.14- .19- —
1856 N. J	199	3 M.	(a)	.43- .63- .51
1856 N. Y.....	190	125 M.	66-66-66	.88- .88- .88
1856 Wis	8	2 M.	60-60-60	b.63- .63- .63
1856 Belgium ..	450	(a) M.	(a)	.19- .36- —
1856 Belgium ..	450	(a) M.	(a)	b.10- .22- —
1856 Belgium ..	450	(a) F.	(a)	.13- .21- —
1856 Belgium ..	450	(a) F.	(a)	b.06½-.11- —
1856 England ..	632	(a) M.	(a)	.45- .49- —
1857 N. J	199	4 M.	(a)	.38- .54- .48
1857 N. Y.....	190	125 M.	66-66-66	.88- .88- .88
1857 England ..	632	(a) M.	(a)	.41- .49- —
1857 Ireland ...	563	(a) (a)	(a)	.32- .32- .32
1858 Ill.....	8	10 M.	60-60-60	1.00-1.00-1.00
1858 N. J	199	2 M.	(a)	.38- .50- .44
1858 N. Y.....	190	125 M.	66-66-66	.88- .88- .88
1858 England ..	632	(a) M.	(a)	.36- .57- —
(q) Ireland ...	562	(a) M.	(a)	.24- .32- —
(q) Ireland ...	562	(a) M.	(a)	b.12- .18- —
(q) Ireland ...	562	(a) F.	(a)	.16- .20- —
1859 N. J	199	2 M.	(a)	.42- .42- .42
1859 N. J	199	1 M.	(a)	b.38- .38- .38
1859 N. Y.....	190	125 M.	66-66-66	.88- .88- .88
1859 England ..	562	(a) M.	60-60-60	.61- .61- .61
1859 England ..	562	(a) M.	60-60-60	k.24- .24- .24
1859 England ..	632	(a) M.	(a)	.36- .41- —
1860 Ill.....	8	31 M.	60-66-61	1.00-1.00-1.00

a Not reported.
b And board.
c Average for 1801–05.
d Average for 1806–10.
e Average for 1811–15.
f Average for 1816–20.
g Average for 1821–25.
h Average for 1826–30.
' Average for 1831–35.
j Applies to but 1 of the 4 wage quotations.
k And board and lodging.
l Average for 1836–40.
m And house and other perquisites.
n Average for 1841–45.
o Average for 1846–50.
p Average for 1851–55.
q Average for 1856–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 N. J	199	1 M.	(a)	0.42-0.42-0.42
1860 N. Y	190	125 M.	66-66-66	.88- .88- .88
1860 England	632	(a) M.	(a)	.36- .45- —
1860 Ireland	564	(a) M.	(a)	.18- .41- —
1860 Ireland	564	(a) M.	(a)	b.34- .34- .34
(c) Switzerl'd.	714	(a) (a)	(a)	.10- .50- —
(c) Switzerl'd.	714	(a) (a)	(a)	d.15- .23- —
1861 N. J	199	1 M.	(a)	.46- .46- .46
1861 N. Y	190	125 M.	66-66-66	.88- .88- .88
1861 England	632	(a) M.	(a)	.41- .45- —
1862 N. J	199	2 M.	(a)	.23- .27- .25
1862 N. Y	190	125 M.	66-66-66	1.00-1.00-1.00
1862 England	632	(a) M.	(a)	.41- .45- —
1863 N. J	199	1 M.	(a)	.31- .31- .31
1863 N. J	199	1 M.	(a)	e.50- .50- .50
1863 N. Y	190	125 M.	66-66-66	1.13-1.13-1.13
1863 England	632	(a) M.	(a)	.41- .45- —
1864 N. J	199	3 M.	(a)	.31- .58- .42
1864 N. J	199	2 M.	(a)	e.67-1.00- .84
1864 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1864 England	632	(a) M.	(a)	.36- .61- —
1864 Scotland	628	(a) M.	(a)	.23- .33- —
1865 N. J	199	1 M.	(a)	d.77- .77- .77
1865 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1865 England	632	(a) M.	(a)	.41- .41- .41
(f) Switzerl'd.	714	(a) (a)	(a)	.10- .54- —
(f) Switzerl'd.	714	(a) (a)	(a)	d.19- .31- —
1866 Iowa	8	4 M.	60-60-60	1.00-1.00-1.00
1866 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1866 S. C	8	11 M.	60-60-60	.77- .77- .77
1866 England	627	(a) M.	g72-72-72	.08- .61- —
1866 England	627	(a) F.	h60-60-60	.08- .30- —
1866 England	632	(a) M.	(a)	.41- .45- —
1867 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1867 Aust-Hun	185	(a) M.	(a)	i.04½-.06- —
1867 Aust-Hun	185	(a) F.	(a)	i.01½-.04½- —
1867 England	628	(a) M.	j54-72 —	.03½-.85- —
1867 England	628	(a) M.	(a)	d.16- .70- —
1867 England	628	(a) M.	(a)	e.45- .45- .45
1867 England	628	(a) M.	(a)	k.55- .61- —
1867 England	628	(a) M.	(a)	l.12- .72- —
1867 England	628	(a) M.	(a)	m.18- .65- —
1867 England	628	(a) F.	n36-63 —	.04- .61- —
1867 England	628	(a) (a)	(a)	.08- .24- —
1867 England	628	(a) (a)	(a)	l.12- .12- .12
1867 England	632	(a) M.	(a)	.41- .49- —
1867 Scotland	632	(a) M.	(a)	.54- .66- —
1867 Wales	632	(a) M.	(a)	.41- .73- —
1868 Ill	8	5 M.	60-60-60	1.00-1.00-1.00
1868 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1868 England	628	(a) M.	o48-54 —	.01- .85- —
1868 England	628	(a) M.	(a)	d.04- .53- —
1868 England	628	(a) M.	(a)	p.36- .49- —
1868 England	628	(a) M.	(a)	q.08- .28- —
1868 England	628	(a) M.	(a)	e.28- .57- —
1868 England	628	(a) M.	(a)	k.32- .59- —
1868 England	628	(a) M.	(a)	l.02- .45- —
1868 England	628	(a) M.	(a)	m.28- .49- —
1868 England	628	(a) F.	r48-60 —	.01½-.41- —
1868 England	628	(a) F.	(a)	d.04- .12- —
1868 England	628	(a) F.	(a)	q0.02-0.02-0.02
1868 England	632	(a) M	(a)	.45- .53- —
1868 Germany	185	(a) M	s60-60-60	.14- .29- —
1868 Germany	185	(a) F.	t60-60-60	.12- .24- —
1868 Germany	610	(a) M.	(a)	.24- .24- .24
1868 Germany	610	(a) F.	(a)	.12- .15- —
1868 Germany	610	(a) (a)	(a)	.06- .07- —
1868 Italy	185	(a) M.	(a)	.26- .80- —
1869 Ala	8	20 M.	60-60-60	.75- .75- .75
1869 Mo	8	31 M.	60-60-60	1.50-1.50-1.50
1869 N. Y	190	125 M.	66-66-66	1.75-1.75-1.75
1869 England	568	(a) M.	(a)	.32- .97- —
1869 England	628	(a) M.	(a)	.53- .53- .53
1869 England	632	(a) M.	(a)	.41- .49- —
1869 England	632	(a) M.	(a)	k.39- .39- .39
1869 Peru	609	(a) (a)	(a)	.55- .55- .55
1869 Scotland	628	(a) M.	u48-60 —	.12- .81- —
1869 Scotland	628	(a) M.	(a)	v.04- .06- —
1869 Scotland	628	(a) M.	(a)	d.05½-.53- —
1869 Scotland	628	(a) M.	(a)	e.36- .73- —
1869 Scotland	628	(a) M.	(a)	k.16- .62- —
1869 Scotland	628	(a) M.	(a)	b.31- .47- —
1869 Scotland	628	(a) M.	(a)	l.25- .73- —
1869 Scotland	628	(a) M.	(a)	m.23- .45- —
1869 Scotland	628	(a) F.	w48-60 —	.12- .49- —
1869 Scotland	628	(a) F.	(a)	v.02- .03- —
1869 Scotland	628	(a) F.	(a)	d.06- .26- —
1869 Scotland	628	(a) F.	(a)	e.24- .24- .24
1869 Scotland	628	(a) F.	(a)	x.03- .03- .03
1869 Scotland	628	(a) F.	(a)	b.20- .20- .20
1869 Scotland	628	(a) F.	(a)	l.20- .49- —
1869 Scotland	628	(a) (a)	(a)	.12- .58- —
1869 Scotland	632	(a) M.	(a)	.65- .65- .65
1869 Turkey	609	(a) (a)	(a)	.41- .41- .41
1869 Wales	568	(a) M.	(a)	.32- .73- —
1869 Wales	568	(a) M.	(a)	b.20- .32- —
1869 Wales	628	(a) M.	y51-51-51	.16- .73- —
1869 Wales	628	(a) M.	(a)	d.06- .49- —
1869 Wales	628	(a) M.	(a)	e.36- .49- —
1869 Wales	628	(a) M.	(a)	k.36- .41- —
1869 Wales	628	(a) M.	(a)	b.24- .24- .24
1869 Wales	628	(a) F.	(a)	.04- .37- —
1869 Wales	628	(a) F.	(a)	b.04- .16- —
1870 Fla	8	27 M.	60-60-60	.40- .50- .47
1870 Ill	8	12 M.	60-60-60	1.00-1.50-1.46
1870 La	8	10 M.	66-66-66	1.00-1.00-1.00
1870 Mo	8	6 M.	60-60-60	1.00-1.00-1.00
1870 N. Y	190	125 M.	66-66-66	1.50-1.50-1.50
1870 Azores	610	(a) M.	(a)	.14- .21- —
1870 Chile	610	(a) (a)	(a)	.18- .22- —
1870 Colombia	610	(a) (a)	(a)	.20- .20- .20
1870 England	568	(a) M.	(a)	.34- .73- —
1870 England	632	(a) M.	(a)	.41- .73- —
1870 England	632	(a) M.	(a)	k.41- .41- .41
1870 France	610	(a) (a)	(a)	.39- .58- —
1870 Germany	610	(a) M.	(a)	.26- .31- —
1870 Germany	610	(a) M.	(a)	d.12- .15- —
1870 Greece	610	(a) M.	(a)	.28- .52- —
1870 Greece	610	(a) F.	(a)	.14- .34- —
1870 Italy	177	(a) M.	(a)	.14- .70- —

a Not reported.
b And food.
c Average for 1856–60.
d And board.
e And house.
f Average for 1861–65.
g Applies to but 1 of the 43 wage quotations.
h Applies to but 1 of the 31 wage quotations.
i And board and lodging.
j Applies to but 7 of the 447 wage quotations.
k And house and other perquisites.
l And partial rations.
m And perquisites.
n Applies to but 16 of the 118 wage quotations.
o Applies to but 6 of the 521 wage quotations.
p And board and house.
q And partial board.
r Applies to but 5 of the 114 wage quotations.
s Applies to but 2 of the 6 wage quotations.
t Applies to but 2 of the 4 wage quotations.
u Applies to but 5 of the 226 wage quotations.
v Per hour.
w Applies to but 9 of the 158 wage quotations.
x Per hour, and house.
y Applies to but 1 of the 126 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Italy	177	(a) F.	(a)	0.08-0.48- —	1873 Germany	185	(a) (a)	(a)	f0.43-0.48- —
1870 Norway	610	(a) M.	(a)	.22- .32- —	1873 Greece	185	(a) (a)	(a)	.30- .60- —
1870 Norway	610	(a) F.	(a)	.22- .27- —	1873 Ireland	185	(a) M.	(a)	.49- .72- —
1870 Portugal	610	(a) M.	(a)	.16- .22- —	1873 Italy	177	(a) M.	(a)	.15- .76- —
1870 Portugal	610	(a) F.	(a)	.09- .14- —	1873 Italy	177	(a) F.	(a)	.08- .58- —
1870 Scotland	628	(a) M.	b60-60-60	.30- .73- —	1873 Italy	185	(a) (a)	(a)	.30- .60- —
1870 Scotland	632	(a) M.	(a)	.68- .68- .68	1873 N. Found	185	(a) M.	(a)	.30- .37- —
1870 Servia	610	(a) M.	(a)	.32- .45- —	1873 N. Found	185	(a) M.	(a)	f1.50-1.50-1.50
1870 Spain	610	(a) M.	(a)	.41- .41- .41	1873 Persia	184	(a) (a)	(a)	.15- .15- .15
1870 Sweden	164	(a) M.	78-78-78	.21- .41- —	1873 Russia	185	(a) M.	(a)	f.38-1.00- —
1870 Sweden	164	(a) F.	78-78-78	.10- .22- —	1873 Scotland	177	(a) M.	(a)	.68- .68- .68
1870 Switzerl'd	610	(a) M.	(a)	.23- .39- —	1873 Scotland	177	(a) M.	(a)	c.44- .44- .44
1870 Switzerl'd	610	(a) M.	(a)	c.09½-.16- —	1873 Scotland	177	(a) F.	(a)	.36- .36- .36
1870 Tripoli	610	(a) M.	(a)	.12- .20- —	1873 Scotland	177	(a) (a)	(a)	.36- .48- —
1870 Turk. in A.	610	(a) M.	(a)	.09- .61- —	1873 Sweden	167	(a) M.	(a)	.32- .67- —
1870 Wales	568	(a) M.	(a)	.32- .61- —	1873 Switzerl'd	185	(a) (a)	(a)	.24- .75- —
1870 Wales	568	(a) M.	(a)	d.20- .36- —	1873 Switzerl'd	185	(a) (a)	(a)	f.32- .51- —
1870 Wales	632	(a) M.	(a)	.45- .53- —	1873 Tripoli	185	(a) (a)	(a)	f.15- .24- —
1871 N. Y.	190	125 M.	66-66-66	1.50-1.50-1.50	1873 Tunis	185	(a) (a)	(a)	.40- .60- —
1871 Aust-Hun	611	(a) M.	(a)	.24- .32- —	1873 Tunis	185	(a) (a)	(a)	f.20- .35- —
1871 Aust-Hun	611	(a) M.	(a)	d.10- .12- —	1874 N. Y.	190	125 M.	66-66-66	1.25-1.25-1.25
1871 Canary Is	611	(a) M.	(a)	.24- .37- —	1874 Argentina	168	(a) M.	(a)	h.96- .96- .96
1871 England	632	(a) M.	(a)	.34- .53- —	1874 Argentina	169	(a) (a)	(a)	h.46- .46- .46
1871 England	632	(a) M.	(a)	e.43- .43- .43	1874 Belgium	450	(a) M.	(a)	.29- .53- —
1871 France	611	(a) M.	(a)	.25- .58- —	1874 Belgium	450	(a) M.	(a)	f.15- .33- —
1871 France	611	(a) M.	(a)	d.28- .29- —	1874 Belgium	450	(a) F.	(a)	.20- .29- —
1871 France	611	(a) F.	(a)	.06- .34- —	1874 Belgium	450	(a) F.	(a)	f.09½-.17- —
1871 France	611	(a) (a)	(a)	.12- .48- —	1874 Br. India	459	(a) (a)	(a)	.03½-.61- —
1871 Italy	611	(a) M.	(a)	.21- .41- —	1874 Canada	185	(a) M.	(a)	1.25-1.50- —
1871 Italy	611	(a) (a)	(a)	.17-.46- —	1874 England	185	(a) M.	(a)	.32- .84- —
1871 Norway	185	(a) F.	(a)	.21- .27- —	1874 England	185	(a) (a)	(a)	.36-1.20- —
1871 Norway	185	(a) (a)	(a)	.21- .35- —	1874 England	632	(a) M.	(a)	.53- .57- —
1871 Scotland	628	(a) M.	(a)	.65- .65- .65	1874 England	632	(a) M.	(a)	e.59- .59- .59
1871 Sweden	167	(a) M.	(a)	.50- .50- .50	1874 France	168	(a) (a)	(a)	f.20- .60- —
1871 Sweden	167	(a) F.	(a)	.17- .26- —	1874 Germany	168	(a) M.	(a)	1.07-1.43- —
1872 Ill.	8	6 M.	60-60-60	.65-1.25-1.05	1874 Germany	168	(a) (a)	(a)	.43- .60- —
1872 N. Y.	190	125 M.	66-66-66	1.50-1.50-1.50	1874 Germany	185	(a) M.	(a)	.19-1.00- —
1872 Aust-Hun	632	(a) M.	(a)	.16- .16- .16	1874 Germany	185	(a) M.	(a)	f.30- .70- —
1872 Belgium	185	(a) M.	(a)	.17- .60- —	1874 Portugal	168	(a) M.	(a)	.16- .24- —
1872 Denmark	177	(a) (a)	(a)	.37- .37- .37	1874 Portugal	168	(a) M.	(a)	f.08- .14- —
1872 Denmark	177	(a) (a)	(a)	c.08½-.10- —	1874 Scotland	177	(a) M.	60-60-60	f.56- .64- —
1872 Denmark	492	(a) M.	(a)	.32- .39- —	1874 Scotland	185	(a) M.	(a)	f.43- .58- —
1872 Denmark	492	(a) M.	(a)	f.17- .20- —	1874 Spain	168	(a) M.	(a)	.50- .50- .50
1872 England	177	(a) M.	(a)	.60- .60- .60	1875 N. Y.	190	125 M.	66-66-66	1.25-1.25-1.25
1872 England	632	(a) M.	(a)	.41- .63- —	1875 Argentina	169	(a) (a)	(a)	h.46- .46- .46
1872 England	632	(a) M.	(a)	e.53- .53- .53	1875 Australia	169	(a) (a)	(a)	i.63- .83- —
1872 France	185	(a) M.	(a)	d.24- .24- .24	1875 Australia	170	(a) (a)	(a)	.71- .87- —
1872 France	185	(a) F.	(a)	d.06- .07½- —	1875 Australia	170	(a) (a)	(a)	i.70- .70- .70
1872 Germany	185	(a) M.	(a)	.36- .72- —	1875 Belgium	169	(a) (a)	(a)	.19- .63- —
1872 Germany	185	(a) M.	(a)	f.11- .48- —	1875 Br. India	459	(a) (a)	(a)	.04- .52- —
1872 Ireland	185	(a) M.	(a)	.41- .49- —	1875 England	177	(a) M.	(a)	.60- .60- .60
1872 Samoa	166	(a) (a)	(a)	.12- .19- —	1875 England	185	(a) M.	j51-63 —	.41- .97- —
1873 N. Y.	190	125 M.	66-66-66	1.50-1.50-1.50	1875 England	185	(a) F.	60-60-60	.20- .20- .20
1873 Canada	185	(a) M.	(a)	.58-1.75- —	1875 England	632	(a) M.	(a)	.57- .57- .57
1873 Canada	185	(a) M.	(a)	f.31-1.87- —	1875 England	632	(a) M.	(a)	e.53- .53- .53
1873 Denmark	185	(a) (a)	(a)	.60- .80- —	1875 England	632	(a) M.	(a)	k.53- .53- .53
1873 Egypt	177	(a) (a)	(a)	.05½-.14- —	1875 Germany	169	(a) M.	(a)	.48- .71- —
1873 England	177	(a) (a)	g60-60-60	.60- .96- —	1875 Hawai. Is	169	(a) (a)	(a)	f.31- .31- .31
1873 England	632	(a) M.	(a)	.49- .57- —	1875 Scotland	177	(a) M.	60-60-60	f.56- .64- —
1873 England	632	(a) M.	(a)	e.57- .57- .57	1875 Spain	169	(a) (a)	(a)	.25- .35- —
1873 France	185	(a) M.	(a)	.20- .60- —	1875 Turkey	169	(a) M.	(a)	f.50- .50- .50
1873 Germany	167	(a) (a)	(a)	.09- .41- —	1875 Turk. in A.	169	(a) M.	(a)	h.16- .21- —
1873 Germany	167	(a) (a)	(a)	f.20- .24- —	1876 N. Y.	190	125 M.	63-63-63	1.25-1.25-1.25
1873 Germany	177	(a) M.	(a)	.72- .72- .72	1876 Pa.	381	17 M.	(a)	.60-1.00- .85
1873 Germany	177	(a) M.	(a)	f.50- .50- .50	1876 Australia	171	(a) (a)	(a)	.73- .73- .73
1873 Germany	177	(a) F.	(a)	f.38- .38- .38	1876 Australia	171	(a) (a)	(a)	f.54- .86- —
1873 Germany	185	(a) M.	(a)	f.28- .35- —	1876 Br. India	459	(a) (a)	(a)	.04- .59- —

a Not reported.
b Applies to but 1 of the 8 wage quotations.
c And board and lodging.
d And food.
e And house and other perquisites.
f And board.
g Applies to but 2 of the 5 wage quotations.
h And found.
i And rations.
j Applies to but 21 of the 28 wage quotations.
k And perquisites.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 England ..	177	(a) M.	(a)	0.60-0.60-0.60
1876 England ..	632	(a) M.	(a)	.53- .57- —
1876 England ..	632	(a) M.	(a)	b.53- .53- .53
1876 P'to Rico..	170	(a) (a)	(a)	.25- .50- —
1876 Scotland ..	177	(a) M.	60-60-60	c.58- .65- —
1877 N. Y.....	1[illegible]	125 M.	63-63-63	1.00-1.00-1.00
1877 Australia .	172	(a) (a)	(a)	.71- .84- —
1877 Br. India ..	459	(a) (a)	(a)	.03- .50- —
1877 England ..	177	(a) M.	(a)	.60- .60- .60
1877 England ..	632	(a) M.	(a)	.53- .57- —
1877 England ..	632	(a) M.	(a)	d.55- .55- .55
1877 England ..	632	(a) M.	(a)	b.53- .53- .53
1877 Germany .	177	(a) M.	(a)	.24- .94- —
1877 Germany .	177	(a) M.	(a)	c.23- .26- —
1877 Germany .	177	(a) F.	(a)	.21- .28- —
1877 Hawai. Is.	171	(a) (a)	(a)	e.31- .46- —
1877 Italy	177	(a) M.	54-90 —	.23- .67- —
1877 Italy	177	(a) F.	f72-72-72	.17- .19- —
1877 Martiniq'e	171	(a) (a)	(a)	.29- .29- .29
1877 Scotland ..	177	(a) M.	60-60-60	c.56- .64- —
1878 N. Y.....	190	125 M.	63-63-63	.88- .88- .88
1878 Australia .	177	(a) M.	(a)	.61- .81- —
1878 Belgium ..	177	(a) M.	(a)	c.17- .20- —
1878 Belgium ..	177	(a) F.	(a)	c.15- .17- —
1878 Bermudas.	172	(a) (a)	(a)	.61- .73- —
1878 Bermudas.	172	(a) (a)	(a)	c.28- .37- —
1878 Br. India ..	459	(a) (a)	(a)	.03- .42- —
1878 Canada ...	177	(a) M.	(a)	1.00-2.00- —
1878 Canada ...	177	(a) M.	(a)	c.38- .69- —
1878 Denmark .	177	(a) M.	(a)	.30- .42- —
1878 Denmark .	177	(a) M.	(a)	g.17- .17- .17
1878 Denmark .	177	(a) F.	(a)	.19- .28- —
1878 Denmark .	177	(a) F.	(a)	g.12- .12- .12
1878 England ..	177	(a) M.	h56-60 —	.20- .89- —
1878 England ..	177	(a) M.	(a)	g.25- .43- —
1878 England ..	177	(a) M.	(a)	i.81- .81- .81
1878 England ..	177	(a) F.	(a)	.30- .54- —
1878 England ..	177	(a) F.	(a)	g.10- .19- —
1878 England ..	177	(a) (a)	(a)	.04-1.04- —
1878 England ..	632	(a) M.	(a)	.57- .57- .57
1878 England ..	632	(a) M.	(a)	d.55- .55- .55
1878 England ..	632	(a) M.	(a)	b.53- .53- .53
1878 France	177	(a) M.	(a)	.50-1.00- —
1878 France	177	(a) M.	(a)	c.23- .38- —
1878 France	177	(a) F.	(a)	.18- .60- —
1878 France	177	(a) F.	(a)	c.19- .27- —
1878 France	177	(a) (a)	(a)	.45- .60- —
1878 Germany .	177	(a) M.	j60-60-60	.28-1.18- —
1878 Germany .	177	(a) M.	(a)	c.18- .69- —
1878 Germany .	177	(a) F.	k60-60-60	.18- .28- —
1878 Germany .	177	(a) F.	(a)	c.09- .35- —
1878 Germany .	177	(a) (a)	(a)	.18- .60- —
1878 Germany .	177	(a) (a)	(a)	c.28- .38- —
1878 Ireland ...	177	(a) M.	(a)	.12- .60- —
1878 Ireland ...	177	(a) M.	(a)	c.12- .32- —
1878 Ireland ...	177	(a) F.	(a)	.12- .36- —
1878 Ireland ...	177	(a) F.	(a)	g.13- .13- .13
1878 Italy.....	177	(a) M.	l54-72 —	.16- .76- —
1878 Italy.....	177	(a) M.	(a)	c.06½-.30- —
1878 Italy.....	177	(a) M.	(a)	m.40- .40- .40
1878 Italy.....	177	(a) F.	(a)	.09- .58- —
1878 Italy.....	177	(a) F.	(a)	g.07- .12- —
1878 Italy.....	177	(a) (a)	l69-69-69	.24- .45- —
1878 Italy.....	177	(a) (a)	(a)	c.06- .06- .06
1878 Jamaica ..	172	(a) (a)	(a)	0.25-0.60- —
1878 Netherl'ds	177	(a) (a)	(a)	.39- .60- —
1878 Russia	704	(a) M.	(a)	.12- .58- —
1878 Russia	704	(a) F.	(a)	.06- .38- —
1878 Scotland ..	177	(a) M.	l60-60-60	.60- .81- —
1878 Scotland ..	177	(a) M.	n60-60-60	c.25- .64- —
1878 Scotland ..	177	(a) F.	o54-54-54	.24- .54- —
1878 Scotland ..	177	(a) F.	(a)	g.10- .19- —
1878 Scotland ..	177	(a) (a)	(a)	.40- .84- —
1878 Spain	177	(a) M.	(a)	.58- .58- .58
1878 Spain	177	(a) F.	(a)	.30- .50- —
1878 Spain	177	(a) (a)	(a)	.20- .70- —
1878 Spain	177	(a) (a)	(a)	g.15- .20- —
1878 Switzerl'd.	172	(a) M.	60-60-60	.60- .75- —
1878 Switzerl'd.	172	(a) F.	60-60-60	.40- .50- —
1878 Wales	177	(a) M.	(a)	e.41- .41- .41
1879 N. J	318	2 (a)	p70-70-70	.60- .75- .68
1879 N. Y.....	190	125 M.	63-63-63	.88- .88- .88
1879 Aust-Hun .	173	(a) M.	(a)	.12-1.21- —
1879 Aust-Hun .	173	(a) M.	(a)	c.06-1.21- —
1879 Aust-Hun .	173	(a) F.	(a)	.06½-.96- —
1879 Aust-Hun .	173	(a) F.	(a)	c.04-.73- —
1879 Aust-Hun .	173	(a) (a)	(a)	.03- .68- —
1879 Aust-Hun .	173	(a) (a)	(a)	c.02- .58- —
1879 Br. India ..	459	(a) (a)	(a)	.04½-.43- —
1879 England ..	632	(a) M.	(a)	.49- .57- —
1879 England ..	632	(a) M.	(a)	d.49- .49- .49
1879 England ..	632	(a) M.	(a)	b.49- .49- .49
1879 Russia	704	(a) M.	(a)	.09½-.77- —
1879 Russia	704	(a) F.	(a)	.06- .58- —
1880 N. J	319	193 (a)	p40-90-61	.39-1.50-1.05
1880 N. Y.....	190	125 M.	63-63-63	1.25-1.25-1.25
1880 N. C.....	8	3 M.	60-60-60	.75- .75- .75
1880 Aust-Hun .	178	(a) M.	(a)	.16- .76- —
1880 Aust-Hun .	178	(a) F.	(a)	.12- .48- —
1880 Belgium ..	450	(a) M.	(a)	.26- .52- —
1880 Belgium ..	450	(a) M.	(a)	c.16- .33- —
1880 Belgium ..	450	(a) F.	(a)	.19- .31- —
1880 Belgium ..	450	(a) F.	(a)	c.10- .18- —
1880 Br. India..	459	(a) (a)	(a)	.03- .37- —
1880 China	21	(a) M.	(a)	c.04- .08- —
1880 England ..	632	(a) M.	(a)	.53- .73- —
1880 England ..	632	(a) M.	(a)	d.49- .49- .49
1880 England ..	632	(a) M.	(a)	b.49- .49- .49
1880 Guadel'pe.	21	(a) M.	(a)	.39- .39- .39
1880 Japan.....	21	(a) M.	54-54-54	.16- .16- .16
1880 Japan.....	21	(a) M.	54-54-54	c.15- .20- —
1880 Japan.....	178	(a) M.	48-48-48	.16- .16- .16
1880 Japan.....	178	(a) M.	48-48-48	c.11- .11- .11
1880 Japan.....	178	(a) F.	48-48-48	.09½-.15- —
1880 Japan.....	178	(a) F.	48-48-48	c.02½-.03- —
1880 Mexico ...	25	(a) (a)	(a)	.38- .63- —
1880 Mexico ...	25	(a) (a)	(a)	c.50- .50- .50
1880 Mexico ...	25	(a) (a)	(a)	e.25- .25- .25
1880 Russia	704	(a) M.	(a)	.09½-.58- —
1880 Russia	704	(a) F.	(a)	.04- .29- —
1880 S. Domingo	21	(a) (a)	(a)	.50- .50- .50
1880 Sweden ...	21	(a) (a)	(a)	.20- .54- —
1880 Switzerl'd.	21	(a) M.	(a)	g.16- .19- —
1880 Switzerl'd.	21	(a) M.	(a)	e.06½-.06½-.06½
1880 Switzerl'd.	21	(a) F.	(a)	e.04½-.06½- —
1881 La	2	150 M.	60-60-60	.75- .75- .75
1881 N. Y.....	190	125 M.	63-63-63	1.25-1.25-1.25
1881 Australia .	431	(a) (a)	(a)	g.47- .70- —

a Not reported.
b And perquisites.
c And board.
d And house and other perquisites.
e And found.
f Applies to but 1 of the 2 wage quotations.
g And board and lodging.
h Applies to but 3 of the 14 wage quotations.
i And house.
j Applies to but 2 of the 6 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 2 of the 5 wage quotations.
m And lodging.
n Applies to but 4 of the 7 wage quotations.
o Applies to but 2 of the 8 wage quotations.
p Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 Aust-Hun.	178	(a) M.	(a)	0.16-0.80- —
1881 Aust-Hun.	178	(a) F.	(a)	.08- .36- —
1881 Br. India..	459	(a) (a)	(a)	.03- .22- —
1881 Cuba.....	28	(a) (a)	(a)	.96-1.15- —
1881 England ..	29	(a) (a)	(a)	.65- .65-0.65
1881 England ..	632	(a) M.	(a)	.45- .63- —
1881 England ..	632	(a) M.	(a)	b.45- .45- .45
1881 England ..	632	(a) M.	(a)	c.49- .49- .49
1881 Germany..	47	(a) (a)	(a)	.20- .44- —
1881 Hawai. Is..	24	(a) (a)	(a)	d.31- .77- —
1881 Russia.....	705	(a) M.	(a)	.12- .58- —
1881 Russia.....	705	(a) F.	(a)	.07- .12- —
1882 N. Y.....	190	125 M.	63-63-63	1.50-1.50-1.50
1882 Aust-Hun.	178	(a) M.	e78-78-78	.12-1.00- —
1882 Aust-Hun.	178	(a) M.	78-78-78	d.04- .80- —
1882 Aust-Hun.	178	(a) F.	e78-78-78	.06- .80- —
1882 Aust-Hun.	178	(a) F.	78-78-78	d.04- .56- —
1882 Br. India..	459	(a) (a)	(a)	.03- .30- —
1882 Canada ...	464	(a) (a)	(a)	.64-1.21- —
1882 Canada ...	464	(a) (a)	(a)	d.35- .77- —
1882 C. of G'd H.	37	(a) (a)	(a)	f1.00-1.00-1.00
1882 England ..	31	(a) (a)	66-66-66	.83- .83- .83
1882 England ..	632	(a) M.	(a)	.49- .49- .49
1882 England ..	632	(a) M.	(a)	b.49- .49- .49
1882 England ..	632	(a) M.	(a)	c.49- .49- .49
1882 France	595	(a) M.	(a)	.61- .61- .61
1882 France	595	(a) M.	(a)	d.39- .39- .39
1882 France	595	(a) F.	(a)	.37- .37- .37
1882 France	595	(a) F.	(a)	d.22- .22- .22
1882 Germany..	31	(a) (a)	60-60-60	.24- .68- —
1882 Germany..	33	(a) (a)	g48-72 —	.36- .60- —
1882 Germany..	536	(a) M.	(a)	.14- .14- .14
1882 Russia	705	(a) M.	(a)	.12- .58- —
1882 Russia	705	(a) F.	(a)	.07½-.39- —
1882 St. Thomas	75	(a) (a)	(a)	.27- .32- —
1882 St. Thomas	75	(a) (a)	54-54-54	h.08- .20- —
1882 Venezuela	39	(a) (a)	(a)	i.50- .60- —
1883 N. Y.....	190	125 M.	63-63-63	1.25-1.25-1.25
1883 Australia .	174	(a) (a)	(a)	1.42-1.42-1.42
1883 Australia .	174	(a) (a)	(a)	j1.01-1.01-1.01
1883 Br. India..	459	(a) (a)	(a)	.03- .37- —
1883 Canada ...	465	(a) (a)	(a)	.75-1.38- —
1883 Canada ...	465	(a) (a)	(a)	d.49- .98- —
1883 Colombia .	42	(a) (a)	(a)	d.19- .96- —
1883 Ecuador ..	43	(a) M.	(a)	.40- .60- —
1883 England ..	632	(a) M.	(a)	.49- .49- .49
1883 England ..	632	(a) M.	(a)	b.49- .49- .49
1883 England ..	632	(a) M.	(a)	c.49- .49- .49
1883 Germany .	178	(a) M.	k60-72 —	.18- .67- —
1883 Germany .	536	(a) M.	(a)	.13- .13- .13
1883 Ireland ...	43	(a) M.	(a)	i.28- .31- —
1883 Ireland ...	43	(a) (a)	(a)	c.49- .53- —
1883 Ireland ...	630	(a) M.	l60-84 —	.16- .73- —
1883 Ireland ...	630	(a) F.	(a)	.12- .49- —
1883 Peru	178	(a) M.	(a)	m.40- .40- .40
1883 Russia	178	(a) M.	(a)	.05- .39- —
1883 Russia	178	(a) M.	(a)	d.05- .43- —
1883 Russia	178	(a) F.	(a)	.07- .34- —
1883 Russia	178	(a) F.	(a)	d.05- .24- —
1883 Russia	693	(a) M.	(a)	.28- .73- —
1883 Russia	693	(a) F.	(a)	.18- .41- —
1883 Russia	705	(a) M.	(a)	.12- .58- —
1883 Russia	705	(a) F.	(a)	0.07½-0.33- —
1883 Wales.....	43	(a) (a)	(a)	.57- .61- —
1884 Cal.....	192	3950 M.	60-72-68	d.96-1.15-1.08
1884 Mich.....	278	12 M.	(a)	1.00-2.00-1.61
1884 N. Y.....	190	125 M.	63-63-63	1.25-1.25-1.25
1884 Australia .	178	(a) M.	(a)	i.81-1.01- —
1884 Australia .	178	(a) (a)	(a)	.47- .75- —
1884 Aust-Hun.	178	(a) M.	n60-60-60	.14-1.00- —
1884 Aust-Hun.	178	(a) F.	(a)	.08- .46- —
1884 Aust-Hun.	178	(a) (a)	o60-60-60	.04-1.00- —
1884 Aust-Hun.	178	(a) (a)	(a)	j.20- .40- —
1884 Azores	178	(a) M.	60-60-60	.34- .34- .34
1884 Azores	178	(a) M.	60-60-60	d.21- .21- .21
1884 Bahamas..	178	(a) M.	54-54-54	.30- .50- —
1884 Bahamas..	178	(a) F.	54-54-54	.20- .40- —
1884 Belgium ..	178	(a) M.	(a)	.29- .57- —
1884 Belgium ..	178	(a) M.	(a)	d.16- .30- —
1884 Belgium ..	178	(a) F.	p72-72-72	.19- .48- —
1884 Belgium ..	178	(a) F.	(a)	d.14- .22- —
1884 Belgium ..	178	(a) (a)	(a)	.10- .19- —
1884 Br. Guiana	178	(a) (a)	q42-42-42	r.24- .60- —
1884 Br. Hond..	178	(a) M.	(a)	.38- .62- —
1884 Br. Hond..	178	(a) F.	(a)	.25- .32- —
1884 Br. Hond..	178	(a) (a)	54-54-54	.43- .61- —
1884 Br. India ..	459	(a) (a)	(a)	.02½-.37- —
1884 Canada ...	178	(a) M.	(a)	.58-1.15- —
1884 Canada ...	178	(a) M.	(a)	d.46-1.15- —
1884 Canada ...	178	(a) F.	(a)	j.58- .58- .58
1884 Canada ...	178	(a) (a)	(a)	.19-1.25- —
1884 Canada ...	178	(a) (a)	(a)	j.32- .77- —
1884 Canada ...	178	(a) (a)	(a)	h.96- .96- .96
1884 Canada ...	466	(a) (a)	(a)	.70-1.26- —
1884 Canada ...	466	(a) (a)	(a)	d.47- .91- —
1884 Ceylon	178	(a) (a)	(a)	.05- .15- —
1884 Colombia..	178	(a) M.	(a)	d.23- .77- —
1884 Cuba	178	(a) M.	36-84 —	d.36- .89- —
1884 Denmark .	178	(a) M.	60-60-60	.79-1.01- —
1884 Ecuador...	178	(a) M.	(a)	.50- .70- —
1884 Ecuador...	178	(a) M.	(a)	d.30- .50- —
1884 England ..	178	(a) M.	s54-72 —	.08½-1.22- —
1884 England ..	178	(a) M.	(a)	d.09- .50- —
1884 England ..	178	(a) M.	(a)	h.62- .73- —
1884 England ..	178	(a) M.	(a)	b.49- .73- —
1884 England ..	178	(a) M.	(a)	c.49- .73- —
1884 England ..	178	(a) F.	(a)	.19- .48- —
1884 England ..	178	(a) F.	(a)	f.24- .24- .24
1884 England ..	178	(a) (a)	(a)	.48- .61- —
1884 England ..	632	(a) M.	(a)	.49- .49- .49
1884 England ..	632	(a) M.	(a)	b.49- .49- .49
1884 England ..	632	(a) M.	(a)	c.45- .45- .45
1884 France	51	(a) M.	(a)	f.30- .30- .30
1884 France	51	(a) (a)	(a)	d.15- .15- .15
1884 France	178	(a) M.	(a)	.27- .60- —
1884 France	178	(a) M.	(a)	d.24- .43- —
1884 France	178	(a) F.	(a)	.19- .19- .19
1884 Germany..	71	(a) M.	60-60-60	.48- .48- .48
1884 Germany..	178	(a) M.	t63-65 —	.14-1.57- —
1884 Germany..	178	(a) M.	u60-60-60	d.04½-.96- —
1884 Germany..	178	(a) M.	(a)	m.20- .20- .20
1884 Germany..	178	(a) F.	(a)	.12-1.42- —
1884 Germany..	178	(a) F.	v69-69-69	d.07½-.52- —
1884 Germany..	178	(a) F.	(a)	m.14- .14- .14

a Not reported.
b And house and other perquisites.
c And perquisites.
d And board.
e Applies to but 3 of the 5 wage quotations.
f And food.
g Applies to but 15 of the 17 wage quotations.
h And house.
i And found.
j And board and lodging.
k Applies to but 23 of the 25 wage quotations.
l Applies to but 10 of the 33 wage quotations.
m And partial rations.
n Applies to but 2 of the 4 wage quotations.
o Applies to but 4 of the 6 wage quotations.
p Applies to but 1 of the 6 wage quotations.
q Applies to but 8 of the 10 wage quotations.
r And lodging.
s Applies to but 24 of the 82 wage quotations.
t Applies to but 19 of the 56 wage quotations.
u Applies to but 3 of the 50 wage quotations.
v Applies to but 3 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany..	536	(a) M.	(a)	0.14-0.14-0.14
1884 Ireland ...	178	(a) M.	(a)	.31- .62- —
1884 Ireland ...	178	(a) M.	(a)	b.19- .39- —
1884 Ireland ...	178	(a) F.	(a)	.16- .19- —
1884 Ireland ...	178	(a) F.	(a)	b.12- .19- —
1884 Italy	178	(a) M.	c72-72-72	.19- .59- —
1884 Italy	178	(a) M.	(a)	d.15- .55- —
1884 Italy	178	(a) F.	c72-72-72	.09½-.23- —
1884 Japan	52	(a) M.	72-72-72	b.03- .04- —
1884 Japan	52	(a) F.	72-72-72	.02- .02- .02
1884 Madeira Is	178	(a) (a)	(a)	.37- .37- .37
1884 Malta	178	(a) M.	(a)	.24- .97- —
1884 Malta	178	(a) F.	(a)	.12- .24- —
1884 Mexico....	178	(a) (a)	f72-72-72	.23- .50- —
1884 Mexico....	178	(a) (a)	(a)	b.38- .54- —
1884 Mexico....	178	(a) (a)	(a)	g.29- .77- —
1884 Mexico....	178	(a) (a)	(a)	h.13- .31- —
1884 Netherl'ds	178	(a) M.	(a)	.20- .64- —
1884 Netherl'ds	178	(a) M.	i66-66-66	b.19- .60- —
1884 Netherl'ds	178	(a) F.	(a)	.32- .32- .32
1884 N. Zealand	178	(a) (a)	(a)	b.81-1.05- —
1884 Peru	178	(a) M.	(a)	h.35- .40- —
1884 Portugal..	178	(a) M.	(a)	.16- .35- —
1884 Portugal..	178	(a) F.	(a)	.10- .20- —
1884 Russia	178	(a) M.	(a)	.29- .97- —
1884 Russia	178	(a) M.	(a)	b.07½-.14- —
1884 Russia	693	(a) M.	(a)	.26- .66- —
1884 Russia	693	(a) F.	(a)	.16- .39- —
1884 Russia	705	(a) M.	(a)	.12- .77- —
1884 Russia	705	(a) F.	(a)	.07½-.39- —
1884 Scotland..	178	(a) M.	(a)	.64- .90- —
1884 Scotland..	178	(a) M.	(a)	b.48- .48- .48
1884 Scotland..	178	(a) F.	54-60 —	.33- .48- —
1884 Scotland..	178	(a) F.	(a)	b.25- .25- .25
1884 S'ra Leone	178	(a) M.	(a)	.24- .36- —
1884 Spain	178	(a) M.	j60-66 —	.30-1.08- —
1884 Spain	178	(a) M.	(a)	d.25- .50- —
1884 Spain	178	(a) M.	48-60 —	k.20- .97- —
1884 Spain	178	(a) F.	(a)	d.30- .50- —
1884 Switzerl'd.	178	(a) M.	(a)	b.06½-.32- —
1884 Switzerl'd.	178	(a) F.	(a)	b.05- .08- —
1884 Turk. in A.	178	(a) (a)	l 60-72 —	.20- .81- —
1884 Venezuela	178	(a) (a)	(a)	d.31- .80- —
1884 Venezuela	178	(a) (a)	(a)	h.77-1.15- —
1884 Wales	178	(a) M.	(a)	.09½-.28- —
1885 Fla.....	8	12 M.	60-60-60	.50- .60- .55
1885 Kans.....	239	1 M.	60-60-60	1.00-1.00-1.00
1885 N. J	324	1 M.	60-60-60	1.00-1.00-1.00
1885 N. J	324	1 M.	72-72-72	d.69- .69- .69
1885 N. Y.....	190	125 M.	63-63-63	1.38-1.38-1.38
1885 Australia .	175	(a) M.	(a)	d.61-1.01- —
1885 Australia .	431	(a) (a)	(a)	b.62- .81- —
1885 Br. India..	53	(a) M.	(a)	.15- .17- —
1885 Br. India..	184	(a) (a)	(a)	.02½-.07- —
1885 Br. India..	459	(a) (a)	(a)	.03½-.36- —
1885 Canada ...	460	(a) (a)	(a)	1.00-2.00- —
1885 Canada ...	460	(a) (a)	(a)	d.46-1.34- —
1885 Canada ...	467	(a) (a)	(a)	.73-1.11- —
1885 Canada ...	467	(a) (a)	(a)	d.47- .73- —
1885 England ..	632	(a) M.	(a)	.45- .45- .45
1885 England ..	632	(a) M.	(a)	m.45- .45- .45
1885 England ..	632	(a) M.	(a)	n.45- .45- .45
1885 Germany..	71	(a) M.	60-60-60	.48- .60- —
1885 Germany..	551	(a) M.	(a)	.14- .14- .14
1885 Italy	58	(a) M.	48-60 —	0.30-0.40- —
1885 Italy	71	(a) (a)	(a)	.20- .60- —
1885 N. Zealand	68	(a) M.	(a)	1.22-2.43- —
1885 N. Zealand	68	(a) M.	(a)	d.61-1.22- —
1885 Norway ...	184	(a) M.	(a)	.45- .45- .45
1885 Norway ...	184	(a) M.	(a)	d.26- .26- .26
1885 Norway ...	184	(a) F.	(a)	.27- .27- .27
1885 Norway ...	184	(a) F.	(a)	d.14- .14- .14
1885 Norway ...	184	(a) (a)	(a)	.28- .28- .28
1885 Norway ...	184	(a) (a)	(a)	d.14- .14- .14
1885 Russia	693	(a) M.	(a)	.25- .69- —
1885 Russia	693	(a) F.	(a)	.15- .47- —
1885 Russia	705	(a) M.	(a)	.09½-.58- —
1885 Russia	705	(a) F.	(a)	.07- .48- —
1886 Ala.....	8	20 M.	60-60-60	.60- .60- .60
1886 Conn.....	201	2 M.	(a)	1.00-1.00-1.00
1886 Fla.....	8	15 M.	60-60-60	.35- .75- .62
1886 Ill.....	208	156 M.	o60-96-75	.46-1.25- .70
1886 Kans.....	240	6 M.	(a)	1.00-2.00-1.39
1886 La	2	80 M.	70-70-70	1.00-1.00-1.00
1886 La	2	20 F.	70-70-70	.75- .75- .75
1886 N. Y.....	190	125 M.	63-63-63	1.38-1.38-1.38
1886 Antigua...	65	(a) M.	(a)	.10- .48- —
1886 Antigua...	65	(a) F.	(a)	.10- .12- —
1886 Argentina.	57	(a) M.	(a)	.40-2.00- —
1886 Argentina.	57	(a) M.	(a)	b.38- .61- —
1886 Australia .	184	(a) M.	(a)	d.61- .81- —
1886 Australia .	184	(a) M.	(a)	p.61-1.01- —
1886 Br. India..	459	(a) (a)	(a)	.02½-.34- —
1886 Canada ...	175	(a) (a)	(a)	.81-1.04- —
1886 Canada ...	175	(a) (a)	(a)	d.50- .65- —
1886 Canada ...	461	(a) M.	(a)	.46-2.00- —
1886 Canada ...	461	(a) M.	(a)	d.33-1.25- —
1886 Canada ...	468	(a) (a)	(a)	.72-1.09- —
1886 Canada ...	468	(a) (a)	(a)	d.45- .71- —
1886 C. of G'd H.	483	(a) (a)	(a)	.09½-.61- —
1886 C. of G'd H.	483	(a) (a)	(a)	p.07- .19- —
1886 Costa Rica	184	(a) M.	(a)	.82- .89- —
1886 Cuba.....	175	(a) (a)	(a)	.46-1.00- —
1886 Cuba.....	175	(a) (a)	(a)	d.31- .50- —
1886 England ..	67	(a) M.	60-60-60	.30- .67- —
1886 England ..	67	(a) M.	(a)	d.22- .23- —
1886 England ..	575	(a) M.	60-60-60	.45- .45- .45
1886 England ..	632	(a) M.	(a)	.45- .45- .45
1886 England ..	632	(a) M.	(a)	m.41- .41- .41
1886 England ..	632	(a) M.	(a)	n.45- .45- .45
1886 France....	66	(a) M.	(a)	d.19- .35- —
1886 Germany..	62	(a) M.	(a)	.24- .54- —
1886 Germany..	62	(a) M.	(a)	d.14- .35- —
1886 Germany..	62	(a) F.	(a)	.18- .25- —
1886 Germany..	62	(a) F.	(a)	d.13- .20- —
1886 Germany..	62	(a) (a)	72-72-72	d.13- .23- —
1886 Germany..	536	(a) M.	(a)	.14- .14- .14
1886 Italy	59	(a) M.	(a)	.20- .60- —
1886 Italy	65	(a) M.	(a)	.06- .07½- —
1886 Italy	65	(a) M.	(a)	d.09- .09- .09
1886 Italy	65	(a) F.	(a)	.18- .25- —
1886 Mexico....	63	(a) M.	(a)	.42- .63- —
1886 Mexico....	63	(a) F.	(a)	.21- .21- .21
1886 Mexico....	63	(a) (a)	(a)	.08½-.35- —
1886 Mexico....	175	(a) M.	(a)	.25- .25- .25
1886 Russia	693	(a) M.	(a)	.20- .53- —
1886 Russia	693	(a) F.	(a)	.15- .34- —
1886 Russia	706	(a) M.	(a)	.09½-.68- —

a Not reported.
b And board and lodging.
c Applies to but 4 of the 18 wage quotations.
d And board.
e Applies to but 2 of the 4 wage quotations.
f Applies to but 1 of the 5 wage quotations.
g And rations.
h And partial rations.
i Applies to but 2 of the 3 wage quotations.
j Applies to but 7 of the 26 wage quotations.
k And lodging.
l Applies to but 19 of the 23 wage quotations.
m And house and other perquisites.
n And perquisites.
o Not including hours of 15 persons not reported.
p And found.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Russia	706	(a) F.	(a)	0.06-0.31- —
1886 S. Salvador	64	(a) (a)	66-66-66	.30- .30- .30
1887 Conn	202	113 M.	(a)	.75-2.00-1.27
1887 Conn	202	441 M.	(a)	b .13-1.50- .75
1887 Kans	241	3 M.	60-78-72	.75-1.70-1.15
1887 N. Y	190	125 M.	63-63-63	1.38-1.38-1.38
1887 Wis	409	1 M.	(a)	1.00-1.00-1.00
1887 Australia	420	(a) (a)	(a)	1.58-1.95- —
1887 Australia	420	(a) (a)	(a)	b .62- .81- —
1887 Barbados	75	(a) M.	(a)	.20- .20- .20
1887 Barbados	75	(a) F.	(a)	.15- .15- .15
1887 Barbados	75	(a) (a)	(a)	.08- .10- —
1887 Belgium	598	(a) M.	(a)	.48- .48- .48
1887 Belgium	598	(a) F.	(a)	.24- .24- .24
1887 Br. India	459	(a) (a)	(a)	.02½-.33- —
1887 Canada	469	(a) (a)	(a)	.72-1.08- —
1887 Canada	469	(a) (a)	(a)	b .45- .72- —
1887 England	599	(a) M.	(a)	.61- .73- —
1887 England	632	(a) M.	(a)	.45- .45- .45
1887 England	632	(a) M.	(a)	c .41- .41- .41
1887 England	632	(a) M.	(a)	d .45- .45- .45
1887 Germany	536	(a) M.	(a)	.14- .14- .14
1887 Russia	693	(a) M.	(a)	.21- .47- —
1887 Russia	693	(a) F.	(a)	.13- .29- —
1887 Russia	706	(a) M.	(a)	.11- .58- —
1887 Russia	706	(a) F.	(a)	.07- .35- —
1887 Trinidad	75	(a) M.	(a)	.40- .50- —
1888 Colo	198	2 M.	72-72-72	.75-2.25-1.50
1888 Iowa	233	193 M.	(a)	b .50-1.67- .90
1888 N. Y	190	125 M.	63-63-63	1.38-1.38-1.38
1888 N. Y	331	22 M.	59-60-60	1.30-1.67-1.52
1888 Ohio	370	(e) M.	(a)	b .42-1.27- .73
1888 Australia	83	(a) (a)	(a)	f .83- .83- .83
1888 Australia	421	(a) M.	(a)	1.58-1.95- —
1888 Australia	421	(a) M.	(a)	b .62-1.01- —
1888 Aust-Hun	517	(a) M.	(a)	.73- .73- .73
1888 Aust-Hun	517	(a) F.	(a)	.35- .35- .35
1888 Aust-Hun	517	(a) (a)	(a)	.22- .22- .22
1888 Br. India	459	(a) (a)	(a)	.02½-.32- —
1888 Canada	86	(a) (a)	(a)	.92- .92- .92
1888 Canada	86	(a) (a)	(a)	f .64- .64- .64
1888 Canada	470	(a) (a)	(a)	.73-1.19- —
1888 Canada	470	(a) (a)	(a)	b .44- .78- —
1888 England	632	(a) M.	(a)	.45- .45- .45
1888 England	632	(a) M.	(a)	c .41- .41- .41
1888 England	632	(a) M.	(a)	d .45- .45- .45
1888 Germany	536	(a) M.	(a)	.14- .14- .14
1888 Russia	693	(a) M.	(a)	.21- .99- —
1888 Russia	693	(a) F.	(a)	.15- .57- —
1888 Russia	706	(a) M.	(a)	.12- .58- —
1888 Russia	706	(a) F.	(a)	.07½-.31- —
1889 Minn	292	59 (a)	(a)	.91-1.52-1.15
1889 N. Y	190	125 M.	63-63-63	1.50-1.50-1.50
1889 N. C	344	1 M.	66-66-66	.40- .40- .40
1889 Algeria	632	(a) M.	(a)	.58- .97- —
1889 Australia	422	(a) (a)	(a)	f .47- .78- —
1889 Bahamas	84	(a) (a)	(a)	.25- .36- —
1889 Br. India	459	(a) (a)	(a)	.02½-.46- —
1889 Canada	86	(a) (a)	(a)	.92- .92- .92
1889 Canada	86	(a) (a)	(a)	f .64- .64- .64
1889 Canada	471	(a) (a)	(a)	.71-1.11- —
1889 Canada	471	(a) (a)	(a)	b .47- .79- —
1889 China	88	(a) (a)	(a)	.15- .15- .15
1889 China	88	(a) (a)	(a)	b .12- .12- .12
1889 England	632	(a) M.	(a)	.45- .45- .45
1889 England	632	(a) M.	(a)	c .41- .41- .41
1889 England	632	(a) M.	(a)	d .49- .49- .49
1889 Germany	85	(a) F.	(a)	0.18-0.30- —
1889 Germany	536	(a) M.	(a)	.15- .15- .15
1889 Germany	550	(a) M.	(a)	b .27-1.07- —
1889 Germany	550	(a) F.	(a)	b .11- .13- —
1889 Italy	95	(a) M.	(a)	.20- .40- —
1889 Netherl'ds	516	(a) (a)	(a)	.05- .60- —
1889 Netherl'ds	516	(a) (a)	(a)	f .04- .39- —
1889 N. Zealand	96	(a) M.	(a)	1.58-1.58-1.58
1889 N. Zealand	96	(a) M.	(a)	b .81-1.74- —
1889 Russia	706	(a) M.	(a)	.12- .68- —
1889 Russia	706	(a) F.	(a)	.07½-.29- —
1889 Sweden	518	(a) M.	(a)	.27- .54- —
1890 Me	256	390 M.	(a)	.17-2.08-1.00
1890 Nebr	313	1 M.	(a)	1.50-1.50-1.50
1890 N. Y	190	125 M.	63-63-63	1.50-1.50-1.50
1890 N. Y	333	4 M.	(a)	1.15-1.15-1.15
1890 N. C	345	2 M.	g78-78-78	.40- .50- .45
1890 N. Dak	357	(h) (a)	(a)	b .50-1.61-1.10
1890 Australia	423	(a) (a)	(a)	f .47- .78- —
1890 Belgium	451	(a) M.	(a)	.28- .47- —
1890 Belgium	451	(a) M.	(a)	i .16- .31- —
1890 Belgium	451	(a) F.	(a)	.19- .30- —
1890 Belgium	451	(a) F.	(a)	i .10- .18- —
1890 Br. India	459	(a) (a)	(a)	.03- .39- —
1890 Canada	472	(a) (a)	(a)	.70-1.24- —
1890 Canada	472	(a) (a)	(a)	b .46- .79- —
1890 England	575	(a) M.	60-60-60	.49- .49- .49
1890 England	632	(a) M.	(a)	.41- .60- —
1890 England	632	(a) M.	(a)	c .45- .45- .45
1890 England	632	(a) M.	(a)	d .49- .49- .49
1890 Germany	536	(a) M.	(a)	.15- .15- .15
1890 Netherl'ds	666	(a) M.	(a)	.16- .80- —
1890 Netherl'ds	666	(a) M.	(a)	b .12- .27- —
1890 N. Zealand	683	(a) M.	(a)	1.46-1.95- —
1890 N. Zealand	683	(a) M.	(a)	b .41-1.22- —
1890 Norway	184	(a) M.	(a)	.46- .46- .46
1890 Norway	184	(a) M.	(a)	b .28- .28- .28
1890 Norway	184	(a) F.	(a)	.27- .27- .27
1890 Norway	184	(a) F.	(a)	b .15- .15- .15
1890 Norway	184	(a) (a)	(a)	.32- .32- .32
1890 Norway	184	(a) (a)	(a)	b .16- .16- .16
1890 Russia	706	(a) M.	(a)	.14- .58- —
1890 Russia	706	(a) F.	(a)	.07½-.39- —
1890 Wales	632	(a) M.	(a)	.61- .69- —
1891 N. Y	190	125 M.	63-63-63	1.38-1.38-1.38
1891 N. Y	333	8 M.	(a)	1.15-1.50-1.28
1891 N. Dak	357	(j) (a)	(a)	b .58-1.50-1.11
1891 Wis	411	2 M.	(a)	1.25-1.25-1.25
1891 Aust-Hun	632	(a) M.	(a)	.45- .45- .45
1891 Belgium	110	(a) M.	(a)	b .19- .19- .19
1891 Bermudas	109	(a) (a)	(a)	.75-1.00- —
1891 Br. India	459	(a) (a)	(a)	.02½-.34- —
1891 Canada	473	(a) (a)	(a)	.73-1.10- —
1891 Canada	473	(a) (a)	(a)	b .44- .72- —
1891 China	105	(a) (a)	(a)	b .12- .12- .12
1891 England	578	(a) M.	58-60 —	.55- .81- —
1891 England	632	(a) M.	(a)	.41- .83- —
1891 England	632	(a) M.	(a)	c .49- .49- .49
1891 England	632	(a) M.	(a)	d .49- .49- .49
1891 Germany	101	(a) M.	(a)	.05- .71- —
1891 Germany	101	(a) F.	(a)	.05- .48- —
1891 Germany	535	(a) M.	(a)	.33- .52- —
1891 Germany	535	(a) F.	(a)	.24- .38- —
1891 Germany	536	(a) M.	(a)	.12- .21- —
1891 N. Zealand	667	(a) (a)	(a)	.97-1.95- —
1891 N. Zealand	667	(a) (a)	(a)	b .32-1.22- —
1891 Nicaragua	106	(a) (a)	(a)	.34- .68- —

a Not reported.
b And board.
c And house and other perquisites.
d And perquisites.
e 33,419 employees.
f And board and lodging.
g Not including hours of 1 person not reported.
h 19,750 employees.
i And food.
j 14,600 employees.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Russia	707	(a) M.	(a)	b0.12-0.68- —
1891 Russia	707	(a) F.	(a)	b .08- .43- —
1891 Scotland	632	(a) M.	(a)	.41- .41- .41
1892 Iowa	235	62 (a)	60-90-71	.38-1.25- .85
1892 N. C	8	1 M.	72-72-72	.50- .50- .50
1892 Australia	414	(a) M.	(a)	.20-1.01- —
1892 Australia	424	(a) (a)	(a)	c .49- .61- —
1892 Aust-Hun	112	(a) M.	(a)	b .13- .13- .13
1892 Aust-Hun	112	(a) F.	(a)	b.07½-.07½-.07½
1892 Br. India	459	(a) (a)	(a)	.02- .30- —
1892 Canada	474	(a) (a)	(a)	.69-1.16- —
1892 Canada	474	(a) (a)	(a)	b .44- .74- —
1892 Canary Is	617	(a) M.	(a)	.19- .36- —
1892 C. of G'd H.	486	(a) M.	(a)	.73- .81- —
1892 Denmark	492	(a) M.	(a)	.39- .48- —
1892 Denmark	492	(a) M.	(a)	b .24- .32- —
1892 England	113	(a) M.	(a)	.46- .46- .46
1892 England	578	(a) M.	58-60 —	.55- .73- —
1892 England	632	(a) M.	d48-66 —	.41- .91- —
1892 England	632	(a) M.	(a)	e .81- .81- .81
1892 England	632	(a) M.	f54-57 —	g .49- .81- —
1892 England	632	(a) M.	h57-57-57	i .45- .49- —
1892 England	632	(a) M.	(a)	j .49- .49- .49
1892 France	595	(a) M.	(a)	.57- .57- .57
1892 France	595	(a) M.	(a)	b .36- .36- .36
1892 France	595	(a) F.	(a)	.34- .34- .34
1892 France	595	(a) F.	(a)	b .21- .21- .21
1892 Germany	537	(a) M.	(a)	.13- .55- —
1892 Germany	537	(a) F.	(a)	.24- .36- —
1892 Honduras	117	(a) M.	(a)	.75- .75- .75
1892 Ireland	676	(a) (a)	57-57-57	.26- .62- —
1892 Italy	112	(a) M.	66-66-66	.20- .30- —
1892 Japan	646	(a) M.	(a)	.05½-.21- —
1892 Japan	646	(a) F.	(a)	.02½-.20- —
1892 Russia	692	(a) M.	(a)	.12- .28- —
1892 Russia	692	(a) F.	(a)	.10- .21- —
1892 Russia	707	(a) M.	(a)	b .12- .58- —
1892 Russia	707	(a) F.	(a)	b .07- .33- —
1892 Scotland	632	(a) M.	(a)	b .50- .82- —
1892 Spain	115	(a) M.	(a)	b .10- .60- —
1892 Wales	632	(a) M.	(a)	.49-1.10- —
1893 Fla	8	8 M.	60-60-60	.75- .75- .75
1893 Ill	8	43 M.	60-60-60	1.25-1.50-1.47
1893 Ill	10	2 M.	72-72-72	1.00-1.00-1.00
1893 Md	10	20 M.	60-72-69	.50-1.67- .80
1893 Mo	8	65 M.	60-60-60	1.00-2.00-1.19
1893 Mont	307	1 M.	54-54-54	1.92-1.92-1.92
1893 Mont	307	3 M.	54-66-58	c1.15-1.34-1.21
1893 Mont	308	85 M.	k60-78-62	b .77-1.53-1.31
1893 N. Y	10	4 M.	60-84-66	1.00-1.25-1.17
1893 N. Y	10	1 M.	72-72-72	b .33- .33- .33
1893 N. C	8	193 M.	60-72-71	.50-1.00- .67
1893 Pa	10	1 M.	72-72-72	1.38-1.38-1.38
1893 Wis	412	2 M.	(a)	1.25-1.25-1.25
1893 Australia	415	(a) (a)	(a)	.41- .81- —
1893 Australia	583	(a) M.	(a)	.56- .79- —
1893 Aust-Hun	439	(a) M.	(a)	.09½-.73- —
1893 Aust-Hun	439	(a) M.	(a)	b .05- .49- —
1893 Aust-Hun	439	(a) F.	(a)	.07- .53- —
1893 Aust-Hun	439	(a) F.	(a)	b .02- .32- —
1893 Br. India	459	(a) (a)	(a)	.02- .24- —
1893 Canada	475	(a) (a)	(a)	.70-1.16- —
1893 Canada	475	(a) (a)	(a)	b .46- .76- —
1893 Canada	583	(a) M.	(a)	b0.54-0.77- —
1893 England	578	(a) M.	60-74 —	.41- .54- —
1893 England	590	(a) M.	(a)	.65- .89- —
1893 England	590	(a) M.	(a)	c .15- .56- —
1893 England	590	(a) M.	(a)	j .69- .73- —
1893 England	590	(a) (a)	(a)	.36- .81- —
1893 England	632	(a) M.	(a)	.41- .81- —
1893 England	632	(a) M.	(a)	c.16- .39- —
1893 England	632	(a) M.	(a)	g.57- .57- .57
1893 England	632	(a) M.	(a)	i .51- .81- —
1893 France	632	(a) M.	(a)	.48- .97- —
1893 France	632	(a) F.	(a)	.29- .48- —
1893 Germany	538	(a) M.	(a)	.13- .54- —
1893 Germany	538	(a) F.	(a)	.24- .36- —
1893 Gr't Brit	578	(a) M.	60-60-60	.49- .49- .49
1893 Ireland	632	(a) M.	(a)	.11- .62- —
1893 Ireland	632	(a) M.	(a)	b .16- .49- —
1893 Ireland	632	(a) M.	(a)	g .45- .45- .45
1893 Ireland	632	(a) M.	(a)	l .20- .32- —
1893 Italy	583	(a) M.	(a)	.52- .96- —
1893 Italy	632	(a) M.	(a)	.12- .97- —
1893 Italy	632	(a) F.	(a)	c .13- .13- .13
1893 Italy	632	(a) (a)	(a)	.09- .39- —
1893 Italy	632	(a) (a)	(a)	c .16- .16- .16
1893 Japan	647	(a) M.	(a)	.04½-.06- —
1893 Japan	647	(a) F.	(a)	.02½-.03½- —
1893 Mexico	184	(a) M.	(a)	.06- .50- —
1893 N. Zealand	583	(a) M.	(a)	.41-1.01- —
1893 N. Zealand	675	(a) (a)	(a)	.81-2.43- —
1893 N. Zealand	675	(a) (a)	(a)	n.24½-.24½-.24½
1893 N. Zealand	675	(a) (a)	(a)	b .61-1.22- —
1893 N. Zealand	682	(a) M.	(a)	.97-2.44- —
1893 N. Zealand	682	(a) M.	(a)	b .49-1.22- —
1893 Russia	632	(a) M.	(a)	.04½-.16- —
1893 Russia	632	(a) F.	(a)	.04- .09- —
1893 Russia	707	(a) M.	(a)	b .10- .58- —
1893 Russia	707	(a) F.	(a)	b .06- .48- —
1893 Scotland	632	(a) M.	o60-60-60	.30-1.22- —
1893 Scotland	632	(a) M.	(a)	b .31- .50- —
1893 Scotland	632	(a) F.	p60-60-60	.23- .73- —
1893 Switzerl'd	632	(a) M.	(a)	.48- .68- —
1893 Switzerl'd	632	(a) M.	(a)	b .23- .32- —
1893 Wales	590	(a) (a)	(a)	.36- .61- —
1893 Wales	632	(a) M.	(a)	.49- .73- —
1894 Ga	8	20 M.	60-60-60	.50- .50- .50
1894 Ill	8	61 M.	60-66-60	1.00-2.50-1.32
1894 Iowa	236	4 M.	60-96-78	.75-1.00- .82
1894 Iowa	236	2 M.	72-84-78	b .77- .77- .77
1894 Mich	286	5568 M.	(a)	.19-2.00- .73
1894 Mich	286	1 M.	(a)	q1.00-1.00-1.00
1894 Mich	286	30 M.	(a)	j .58-1.15- .87
1894 Mont	308	181 M.	r 60-78-62	b .77-1.53-1.20
1894 N. Y	8	46 M.	60-60-60	.50-1.50-1.25
1894 N. C	8	304 M.	60-72-69	.20-1.00- .56
1894 N. C	8	10 F.	72-72-72	.40- .40- .40
1894 Australia	425	(a) (a)	(a)	s .41- .61- —
1894 Br. India	459	(a) (a)	(a)	.01½- .17- —
1894 Canada	187	(a) M.	(a)	b .58- .77- —
1894 Canada	476	(a) (a)	(a)	.69-1.13- —
1894 Canada	476	(a) (a)	(a)	b .42- .73- —
1894 C. of G'd H.	487	(a) M.	(a)	.41- .81- —
1894 C. of G'd H.	487	(a) M.	(a)	b .41- .57- —
1894 England	590	(a) (a)	(a)	.36- .81- —

a Not reported.
b And board.
c And board and lodging.
d Applies to but 112 of the 426 wage quotations.
e And lodging.
f Applies to but 3 of the 52 wage quotations.
g And house.
h Applies to but 1 of the 3 wage quotations.
i And house and other perquisites
j And perquisites.
k Not including hours of 10 persons not reported.
l And food.
n Per hour.
o Applies to but 15 of the 230 wage quotations.
p Applies to but 2 of the 34 wage quotations.
q And fuel.
r Not including hours of 28 persons not reported.
s And board and lodging or rations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average. Hours of work per week.	Rates of wages per day (dollars).
1894 England ..	590	(a) (a)	(a)	b0.41-0.45- —
1894 England ..	591	(a) (a)	(a)	.41- .97- —
1894 England ..	591	(a) (a)	(a)	b .37- .73- —
1894 Ireland ...	585	(a) M.	(a)	c .19- .22- —
1894 Japan.....	647	(a) M.	(a)	.10- .17- —
1894 Japan.....	647	(a) F.	(a)	.05½- .11- —
1894 Netherl'ds	184	(a) (a)	(a)	d.05½-.05½-.05½
1894 Russia	707	(a) M.	(a)	c .12- .58- —
1894 Russia	707	(a) F.	(a)	c .08- .39- —
1894 Spain	632	(a) (a)	(a)	.05- .97- —
1894 Wales.....	590	(a) (a)	(a)	.41- .81- —
1894 Wales.....	590	(a) (a)	(a)	b .32- .49- —
1895 Fla.....	8	53 M.	60-60-60	.25- .65- .48
1895 Ill.....	8	480 M.	60-66-60	.75-1.25-1.10
1895 Ill.....	8	360 F.	60-60-60	.75-1.00- .92
1895 Iowa.....	8	40 M.	60-60-60	1.00-1.50-1.08
1895 Ky	8	31 M.	48-66-58	.50-2.00- .84
1895 La	8	143 M.	66-66-66	.65- .65- .65
1895 Mo.....	8	9 M.	60-60-60	.85- .85- .85
1895 Mont.....	310	1585 M.	(a)	e .61-1.51-1.03
1895 Nebr	8	2 M.	60-60-60	1.25-1.25-1.25
1895 N. C.....	8	4 M.	60-60-60	.50-1.00- .63
1895 N. Dak	358	(f) M.	(a)	.41-1.58- .91
1895 S. C	8	11 M.	60-60-60	.58- .58- .58
1895 Tex	8	11 M.	60-60-60	.50-1.00- .55
1895 Wis	8	29 M.	60-60-60	c .65-1.50-1.03
1895 Wis	413	31 M.	(a)	.58-1.34- .82
1895 Wis	413	33 M.	(a)	g .58-1.28- .89
1895 Wis	413	618 M.	(a)	c .27-1.50- .74
1895 Australia .	134	(a) M.	(a)	b .61-1.18- —
1895 Australia .	426	(a) (a)	(a)	h .41- .61- —
1895 Aust-Hun .	595	(a) M.	(a)	.29- .44- —
1895 Aust-Hun .	595	(a) M.	(a)	e .21- .32- —
1895 Aust-Hun .	595	(a) F.	(a)	.22- .27- —
1895 Aust-Hun .	595	(a) F.	(a)	e .15- .19- —
1895 Belgium ..	184	(a) (a)	(a)	c .23- .41- —
1895 Belgium ..	451	(a) M.	(a)	.28- .47- —
1895 Belgium ..	451	(a) M.	(a)	b .16- .31- —
1895 Belgium ..	451	(a) F.	(a)	.20- .31- —
1895 Belgium ..	451	(a) F.	(a)	b .10- .19- —
1895 Br. India..	184	(a) (a)	(a)	.03½- .09- —
1895 Br. India..	459	(a) (a)	(a)	.01½- .17- —
1895 Canada ...	187	(a) M.	(a)	.80- .80- .80
1895 Canada ...	187	(a) M.	(a)	e .27- .60- —
1895 Canada ...	187	(a) F.	(a)	c .19- .19- .19
1895 Canada ...	477	(a) (a)	(a)	.76-1.08- —
1895 Canada ...	477	(a) (a)	(a)	c .46- .68- —
1895 Canada ...	585	(a) M.	(a)	.40-1.07- —
1895 Canada ...	585	(a) M.	(a)	c .60- .78- —
1895 England ..	591	(a) (a)	(a)	.37- .89- —
1895 England ..	591	(a) (a)	(a)	b .41- .65- —
1895 Greece	137	(a) (a)	(a)	.28- .44- —
1895 Japan.....	648	(a) M.	(a)	.04- .18- —
1895 Japan.....	648	(a) F.	(a)	.02- .16- —
1895 Mexico....	176	(a) (a)	(a)	i .23- .23- .23
1895 N. Zealand	184	(a) (a)	(a)	1.09-2.19- —
1895 N. Zealand	184	(a) (a)	(a)	c .41-1.42- —
1895 Nicaragua	140	(a) (a)	(a)	c .48- .77- —
1895 Norway...	690	(a) M.	(a)	.54- .80- —
1895 Russia	144	(a) M.	(a)	.07½-.30- —
1895 Russia	707	(a) M.	(a)	c .12- .63- —
1895 Russia	707	(a) F.	(a)	c .08- .39- —
1895 Spain	133	(a) M.	(a)	.40- .75- —
1895 Spain	133	(a) M.	(a)	j .20- .30- —
1895 Sts. Set'lts .	135	(a) M.	54-54-54	e .15- .18- —
1895 Sts. Set'lts .	135	(a) F.	54-54-54	c0.12-0.12-0.12
1896 Cal.....	8	29 M.	60-60-60	1.50-2.50-1.90
1896 Ga	15	4 M.	(a)	.29- .83- .56
1896 Mo.....	305	(k) (a)	(a)	.38- .77- .58
1896 N. Y.....	336	125 M.	(a)	.46-1.73- .74
1896 Tenn.....	15	1 M.	(a)	.58- .58- .58
1896 Tenn.....	15	1 F.	(a)	.75- .75- .75
1896 Algeria ...	505	(a) M.	(a)	.58- .77- —
1896 Algeria ...	505	(a) M.	(a)	d .05-.05½- —
1896 Algeria ...	505	(a) M.	(a)	e .48- .48- .48
1896 Algeria ...	505	(a) M.	(a)	l .05- .05- .05
1896 Australia .	184	(a) M.	(a)	j .49- .81- —
1896 Australia .	427	(a) (a)	(a)	h .41- .61- —
1896 Australia .	679	(a) (a)	(a)	1.46-1.46-1.46
1896 Barbados .	184	(a) (a)	(a)	.36- .36- .36
1896 Belgium ..	184	(a) M.	(a)	.39- .39- .39
1896 Belgium ..	184	(a) M.	(a)	b .24- .24- .24
1896 Belgium ..	184	(a) F.	(a)	.25- .25- .25
1896 Belgium ..	184	(a) F.	(a)	b .14- .14- .14
1896 Canada ...	478	(a) (a)	(a)	.76-1.10- —
1896 Canada ...	478	(a) (a)	(a)	c .44- .67- —
1896 C.of G'd H.	184	(a) (a)	(a)	c .14- .38- —
1896 China.....	184	(a) (a)	(a)	.06- .07½- —
1896 Corsica....	505	(a) M.	(a)	.39- .39- .39
1896 Corsica....	505	(a) M.	(a)	d .05- .05- .05
1896 Costa Rica	184	(a) M.	(a)	.60- .76- —
1896 England ..	592	(a) M.	(a)	.41- .81- —
1896 England ..	592	(a) (a)	(a)	.63- .69- —
1896 France ...	505	(a) M.	(a)	.19- .97- —
1896 France....	505	(a) M.	(a)	d .03-.09½- —
1896 France ...	505	(a) M.	(a)	c .17- .48- —
1896 France....	505	(a) M.	(a)	e .11- .48- —
1896 France....	505	(a) M.	(a)	m .01½-.05- —
1896 France....	505	(a) M.	(a)	l .01½-.04- —
1896 Guadel'pe.	184	(a) M.	(a)	.38- .38- .38
1896 Guadel'pe.	184	(a) F.	(a)	.25- .25- .25
1896 Hawai. Is .	184	(a) M.	(a)	.48- .77- —
1896 Japan.....	649	(a) M.	(a)	.04½-.16- —
1896 Japan.....	649	(a) F.	(a)	.02½-.10- —
1896 Mexico	184	(a) (a)	(a)	.09- .38- —
1896 Persia.....	184	(a) (a)	(a)	.15- .15- .15
1896 Portugal ..	184	(a) M.	(a)	.28- .28- .28
1896 Portugal ..	184	(a) F.	(a)	.18- .18- .18
1896 Portugal ..	184	(a) (a)	(a)	.08- .08- .08
1896 Russia	144	(a) M.	(a)	.11- .32- —
1896 Spain	184	(a) (a)	(a)	.30- .40- —
1896 Venezuela	184	(a) M.	(a)	.58- .77- —
1896 Venezuela	184	(a) F.	(a)	.38- .38- .38
1897 Kans.....	251	13 M.	54-112-75	.38-1.15- .77
1897 Australia..	418	(a) (a)	(a)	.49-1.46- —
1897 Australia..	418	(a) (a)	(a)	c .32- .81- —
1897 Australia..	418	(a) (a)	(a)	n .32-1.22- —
1897 Australia..	418	(a) (a)	(a)	j .41- .81- —
1897 Australia..	428	(a) (a)	(a)	h .41- .61- —
1897 Aust-Hun .	449	(a) M.	(a)	g .07- .61- —
1897 Aust-Hun .	449	(a) M.	(a)	c .02- .32- —
1897 Aust-Hun .	449	(a) F.	(a)	g .08- .61- —
1897 Aust-Hun .	449	(a) F.	(a)	c .04- .41- —
1897 Canada ...	479	(a) (a)	(a)	.71-1.01- —
1897 Canada ...	479	(a) (a)	(a)	c .44- .62- —
1897 Corsica....	511	(a) M.	60-60-60	.39- .43- —
1897 Denmark .	492	(a) M.	(a)	.42- .67- —
1897 Denmark .	492	(a) M.	(a)	c .12- .54- —
1897 Denmark .	492	(a) F.	(a)	.24- .47- —
1897 Denmark .	492	(a) F.	(a)	c .13- .30- —

a Not reported.
b And food.
c And board.
d Per hour.
e And board and lodging.
f 18,814 employees.
g Without board.
h And board and lodging or rations.
i And partial rations.
j And found.
k 46,870 employees.
l Per hour, and board and lodging.
m Per hour, and board.
n And rations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FARM LABORERS—Concluded.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 England ..	593	(a) M.	(a)	0.45-0.85- —	1898 Australia..	429	(a) (a)	(a)	c 0.51-0.61- —
1897 England ..	594	(a) M.	(a)	.36- .81- —	1898 Brazil	147	(a) M.	(a)	.25- .25- .25
1897 Hawai. Is .	146	(a) M.	(a)	.58- .65- —	1898 Brazil	147	(a) F.	(a)	.15- .15- .15
1897 Hawai. Is .	146	(a) F.	(a)	.38- .50- —	1898 Br. India ..	155	(a) (a)	(a)	.07- .09½- —
1897 Hawai. Is .	146	(a) (a)	(a)	.58- .77- —	1898 Canada ...	480	(a) (a)	(a)	.74-1.01- —
1897 Japan	650	(a) M.	(a)	.04½-.25- —	1898 Canada ...	480	(a) (a)	(a)	b .46- .65- —
1897 Japan	650	(a) F.	(a)	.03- .20- —	1898 C.of G'd H.	680	(a) M.	(a)	.61- .61- .61
1897 Russia	144	(a) M.	(a)	.07½-.51- —	1898 England ..	594	(a) M.	(a)	.41- .89- —
1897 Russia	144	(a) F.	(a)	.06- .06- .06	1898 France	454	(a) M.	(a)	b .39- .39- .39
1897 S. Domingo	149	(a) (a)	(a)	.50- .75- —	1898 France	512	(a) M.	(a)	.19- .24- —
1898 Nebr	314	1826 (a)	60-72-67	.20-3.00- .88	1898 France	512	(a) F.	(a)	.19- .19- .19
1898 Pa	18	1 M.	(a)	1.15-1.15-1.15	1898 Hawai. Is .	146	(a) (a)	(a)	.58- .58- .58
1898 Australia..	419	(a) (a)	(a)	.41-1.46- —	1898 Venezuela	150	(a) (a)	(a)	.58- .58- .58
1898 Australia..	419	(a) (a)	(a)	b .32- .81- —	1899 Pa	18	1 M.	(a)	1.34-1.34-1.34
1898 Australia..	419	(a) (a)	(a)	c .41- .81- —	1899 Australia..	681	a) (a)	(a)	f .71- .71- .71
1898 Australia..	419	(a) (a)	(a)	d .32-1.01- —	1899 England ..	681	(a) M.	(a)	.61- .65- —

FASTENERS, SHIPBUILDING.

1883 N. J	322	17 M.	60-60-60	1.33-2.50-1.60	1891 Me	257	6 M.	60-60-60	2.00-3.00-2.52
1884 Canada ...	178	(a) M.	60-60-60	1.50-1.50-1.50	1894 Me	260	2 M.	60-60-60	1.75-2.00-1.88
1885 Me	1	40 M.	60-60-60	1.62-1.62-1.62	1896 Pa	14	46 M.	60-60-60	1.75-1.75-1.75

FAT RENDERERS.

1871 Mass	267	4 M.	(a)	2.75-2.75-2.75	1894 Ohio	375	1 M.	60-60-60	1.33-1.33-1.33
1881 Ohio	363	1 M.	60-60-60	1.50-1.50-1.50	1894 Australia..	425	(a) (a)	(a)	1.54-2.84- —
1883 Mass	273	29 M.	(a)	1.25-2.50-1.50	1895 Mo	304	2 M.	(a)	2.50-3.33-2.92
1884 Aust-Hun .	178	(a) M.	60-60-60	.60- .80- —	1895 Australia..	426	(a) (a)	(a)	1.54-2.84- —
1887 Ohio	369	6 M.	60-60-60	2.00-2.87-2.37	1896 Australia..	427	(a) (a)	(a)	1.54-2.37- —
1888 N. Y	331	33 M.	g 54-70-67	1.50-2.50-1.95	1897 Australia..	428	(a) (a)	(a)	1.42-2.23- —
1890 N. Y	333	1 M.	(a)	3.67-3.67-3.67	1898 Wash.....	405	8 (a)	(a)	1.53-3.07-2.16
1891 N. Y	333	1 M.	(a)	3.67-3.67-3.67	1898 Australia..	419	(a) (a)	(a)	c 1.42-1.82- —
1891 Belgium...	457	(a) M.	48-48-48	1.16-1.16-1.16	1898 Australia..	429	(a) (a)	(a)	1.42-2.23- —
1892 Australia ..	424	(a) (a)	(a)	2.19-2.19-2.19					

FAUCET MAKERS.

1888 N. Y.....	331	5 M.	59-59-59	1.38-1.38-1.38	1891 N. Y.....	333	1 M.	(a)	3.00-3.00-3.00
1890 N. Y.....	333	1 M.	(a)	3.00-3.00-3.00	1892 France....	505	(a) M.	60-60-60	1.35-1.74- —

FEATHER CURLERS.

1875 N. Y.....	7	10 F.	(a)	.83-2.08-1.45	1891 N. Y.....	333	76 M.	(a)	.81-2.50-1.68
1885 N. Y.....	7	34 F.	h 49-49-49	.98-3.07-1.57	1893 N. Y.....	10	10 F.	46-60-54	.33-2.00-1.35
1887 N. Y.....	3	16 F.	i 47-57-52	.83-3.33-1.46	1894 Australia..	425	(a) (a)	(a)	.97-1.05- —
1888 Cal.....	194	1 F.	54-54-54	.83- .83- .83	1895 N. Y.....	7	50 F.	45-54-49	1.00-4.50-2.17
1888 N. Y.....	331	15 F.	(a)	1.17-1.17-1.17	1895 Australia..	426	(a) (a)	(a)	.97-1.05- —
1890 N. Y.....	333	99 M.	(a)	.81-2.50-1.77	1896 Australia..	427	(a) (a)	(a)	.97-1.05- —

a Not reported.
b And board.
c And rations.
d And found.
e And board and lodging or rations.
f And board and lodging.
g Not including hours of 1 person not reported.
h Not including hours of 20 persons not reported.
i Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FEATHER DUSTER MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 N. Y	7	6 F.	48-48-48	1.03-1.17-1.08	1891 N. Y	333	14 M.	(a)	1.08-1.83-1.35
1885 Ill	7	4 M.	(a)	2.00-2.79-2.44	1893 N. Y	10	1 M.	59-59-59	.50- .50- .50
1886 Ill	7	4 M.	56-56-56	2.33-2.79-2.51	1893 N. Y	10	8 F.	50-63-55	.33-1.00- .73
1887 N. Y	3	2 F.	39-48-44	.75-1.33-1.04	1895 N. Y	7	12 F.	48-48-48	.96-1.33-1.12
1890 N. Y	333	15 M.	(a)	1.00-1.83-1.28	1896 Ill	7	12 M.	54-56-55	1.71-3.38-2.44
1891 Mich	283	1 F.	(a)	.83- .83- .83					

FEATHER SORTERS.

1885 Ill	7	4 F.	(a)	.78-1.03- .89	1887 N. Y	3	2 F.	49-54-52	1.01-1.83-1.42
1886 Ill	7	4 F.	56-56-56	.92-1.13-1.03	1888 N. Y	331	8 F.	59-59-59	.50- .50- .50
1887 Ill	3	5 F.	56-59-58	.67- .75- .73	1894 C. of G'd H.	487	(a) (a)	54-60 —	.81-3.24- —
1887 Mass	3	2 F.	53-53-53	1.00-1.17-1.09	1896 Ill	7	13 F.	54-56-55	.53-1.18- .88

FEATHER WORKERS.

1871 England	629	(a) M.	(a)	.81-2.03- —	1890 N. Y	333	192 F.	(a)	.67-1.17- .83
1871 England	629	(a) F.	(a)	.16- .65- —	1891 N. Y	333	140 M.	(a)	.67-1.33- .85
1875 N. Y	7	14 F.	(a)	.71-1.25- .94	1891 N. Y	333	100 F.	(a)	.83-1.17-1.00
1884 Aust-Hun	178	(a) M.	60-60-60	.37-1.00- —	1893 N. Y	10	11 F.	48-60-54	.33-4.17-1.20
1884 Aust-Hun	178	(a) F.	60-60-60	.17- .80- —	1893 Pa	10	1 M.	48-48-48	2.00-2.00-2.00
1886 N. Y	2	70 F.	60-60-60	.83- .83- .83	1894 France	129	(a) F.	60-60-60	.58-1.54- —
1896 N. Y	333	40 M.	(a)	1.17-1.17-1.17	1895 N. Y	7	18 F.	54-54-54	.67-1.29- .98

FEEDERS, SCREW MACHINES.

1887 Ohio	3	2 F.	60-60-60	.70- .70- .70	1896 Ohio	377	40 M.	60-60-60	1.00-1.00-1.00
1893 Ohio	374	30 M.	60-60-60	1.00-2.25-1.42					

FELLERS, CLOTHING.

1883 N. J	322	12 F.	60-60-60	.67- .83- .75	1890 N. Y	333	14 M.	(a)	.63- .92- .83
1887 Md	3	3 F.	58-60-59	.72-1.13- .98	1891 N. Y	333	20 M.	(a)	.63-1.00- .87
1887 Mass	3	2 F.	53-53-53	1.17-1.51-1.34	1892 Ill	210	1 F.	52-52-52	1.07-1.07-1.07
1887 N. Y	3	3 F.	55-55-55	1.00-1.42-1.19	1892 Me	258	2 F.	60-60-60	1.17-1.33-1.25
1887 Pa	3	2 F.	51-54-53	.92-1.00- .96	1893 Mo	302	7 (a)	b84-84-84	.75-1.67-1.07
1887 England	631	(a) M.	(a)	1.14-1.14-1.14	1893 N. J	327	2 F.	57-57-57	.92-1.50-1.21
1887 England	631	(a) F.	(a)	.63- .63- .63	1893 England	583	(a) (a)	63-63-63	.37- .61- —
1888 N. Y	331	3 M.	59-59-59	.67- .67- .67	1893 England	608	(a) F.	c63-63-63	.49-1.22- —
1888 England	596	(a) M.	(a)	.49- .73- —	1893 England	608	(a) (a)	(a)	.49- .81- —
1888 England	596	(a) F.	(a)	.30- .30- .30	1893 Scotland	632	(a) F.	(a)	.61- .61- .61
1888 England	596	(a) (a)	(a)	.85- .97- —	1896 Nebr	314	2 F.	57-57-57	.75- .83- .79
1888 England	597	(a) F.	(a)	.43- .73- —	1897 N. J	328	2 M.	(a)	1.75-1.75-1.75

FELT WORKERS.

1869 Turk. in A.	609	(a) (a)	(a)	.28- .37- —	1888 Germany	558	(a) (a)	66-66-66	.36- .95- —
1871 England	629	(a) M.	60-60-60	1.46-1.82- —	1889 Germany	615	(a) (a)	(a)	.52- .75- —
1882 Germany	615	(a) (a)	(a)	.36- .77- —	1891 France	505	(a) M.	60-60-60	1.93-2.32- —
1884 Aust-Hun	178	(a) (a)	63-63-63	.35- .48- —	1892 France	505	(a) M.	66-66-66	.48- .48- .48
1884 Canada	466	(a) M.	60-60-60	1.15-1.15-1.15	1892 Germany	667	(a) (a)	(a)	.57- .69- —
1884 Canada	466	(a) F.	60-60-60	.72- .72- .72	1892 Russia	692	(a) (a)	(a)	.54-1.13- —
1884 Persia	178	(a) (a)	(a)	.48- .65- —	1894 France	129	(a) M.	(a)	1.83-1.83-1.83
1887 Germany	557	(a) F.	64-66 —	.30- .60- —	1896 France	505	(a) M.	66-66-66	.58- .97- —
1888 Germany	558	(a) F.	60-60-60	.32- .48- —	1896 France	510	(a) F.	54-54-54	.48- .48- .48

a Not reported.
b Not including hours of 4 persons not reported.
c Applies to but 3 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FELT WORKERS' HELPERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Persia	178	(a)	(a)	(a)	0.24-0.32- —

FENCE BUILDERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	Md	4	63	M.	(a)	1.10-1.50-1.24
1887	Mass	4	12	M.	(a)	1.50-1.75-1.54
1887	N. Y.	4	11	M.	(a)	1.30-1.50-1.46
1887	Pa	4	95	M.	(a)	1.40-2.25-1.64
1889	Australia	422	(a)	(a)	(a)	b0.62-0.78- —
1890	Australia	423	(a)	(a)	(a)	b .62- .78- —
1897	Australia	418	(a)	(a)	(a)	1.22-1.70- —
1898	Australia	419	(a)	(a)	(a)	1.22-1.82- —

FENCE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1893	Ohio	374	31	M.	c48-60-60	1.25-1.60-1.28
1894	Ohio	375	29	M.	60-60-60	1.25-1.25-1.25
1895	Ohio	376	31	M.	54-60-58	1.00-1.50-1.13
1896	Ohio	377	11	M.	54-60-56	1.50-1.50-1.50

FERMENTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	Mass	273	18	M.	(a)	1.67-2.33-2.15
1885	Germany	547	(a)	M.	(a)	1.35-1.51- —
1886	Germany	548	(a)	(a)	(a)	(d)
1887	Germany	557	(a)	(a)	(a)	1.24-1.74- —
1888	Germany	558	(a)	(a)	e60-78 —	1.19-1.76- —
1889	Germany	550	(a)	M.	(a)	(f)
1890	N. Y.	333	12	M.	(a)	2.67-3.00-2.94
1891	N. Y.	333	14	M.	(a)	2.67-3.00-2.95
1892	N. Y.	20	2	M.	60-60-60	2.00-2.00-2.00
1892	France	505	(a)	M.	60-70 —	.48- .68- —
1892	Russia	692	(a)	(a)	(a)	.26-1.13- —
1893	N. Y.	20	2	M.	60-60-60	2.00-2.00-2.00
1894	N. Y.	20	2	M.	60-60-60	2.00-2.00-2.00
1895	N. Y.	20	2	M.	60-60-60	2.00-2.00-2.00
1895	Ohio	376	9	M.	60-60-60	2.33-2.75-2.49

FERRULE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y.	333	4	M.	(a)	1.25-2.00-1.44
1891	N. Y.	333	4	M.	(a)	1.25-2.00-1.44
1896	Vt	8	2	M.	60-60-60	1.50-1.50-1.50

FERRYMEN.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1869	Germany	609	(a)	M.	(a)	.21- .63- —
1877	N. J	317	112	M.	(a)	2.14-2.14-2.14
1877	England	570	(a)	M.	48-48-48	.94- .94- .94
1887	Va	4	10	M.	(a)	.30- .66- .54
1893	Md	10	4	M.	50-72-66	.43-1.43-1.00
1893	Pa	10	1	M.	84-84-84	1.48-1.48-1.48
1896	France	505	(a)	M.	70-84 —	.97- .97- .97

FERTILIZER MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	Mass	273	8	M.	(a)	1.25-2.00-1.50

FETTLERS, FOUNDRY AND MACHINE SHOP.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1865	England	627	(a)	M.	63-63-63	.28- .28- .28
1878	England	43	(a)	(a)	(a)	1.14-1.30- —
1880	England	571	(a)	M.	54-54-54	.85- .85- .85
1883	England	572	(a)	M.	54-54-54	1.05-1.18- —
1884	England	178	(a)	M.	54-54-54	.81-1.13- —
1884	Russia	178	(a)	M.	63-63-63	.65- .77- —
1886	England	604	(a)	M.	g54-54-54	.65-1.29- —
1886	Gr't Brit	604	(a)	M.	e54-54-54	.67-1.05- —
1886	Ireland	604	(a)	M.	e54-54-54	.55- .78- —
1886	Scotland	604	(a)	M.	h54-54-54	.73-1.32- —
1893	England	119	(a)	M.	54-54-54	1.14-1.14-1.14
1899	England	588	(a)	(a)	(a)	1.01-1.05- —

a Not reported.
b And board and lodging.
c Not including hours of 2 persons not reported.
d $1.59-$1.59-$1.59, and lodging.
e Applies to but 2 of the 3 wage quotations.
f $1.09-$1.09-$1.09, and lodging.
g Applies to but 8 of the 19 wage quotations.
h Applies to but 1 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FETTLERS, WOOLEN GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 England ..	569	(a) M.	60-60-60	0.81-0.81-0.81	1883 England ..	572	(a) M.	54-60 —	0.76-1.05- —
1877 England ..	570	(a) M.	56-57 —	.81- .89- —	1884 England ..	178	(a) M.	56-56-56	.97- .97- .97
1877 Scotland ..	570	(a) M.	(a)	.77- .77- .77	1884 Germany .	178	(a) M.	60-60-60	.60- .60- .60
1880 England ..	571	(a) M.	54-57 —	.61- .89- —	1884 Scotland ..	178	(a) (a)	57-57-57	.28- .73- —
1882 England ..	33	(a) (a)	(a)	.97- .97- .97					

FIBER PLANERS, ELECTRICAL GOODS.

1893	N. J	327	19	F.	b 65-65-65	.57- .92- .76	....	.....	....	....	...	.....	.....

FIBER REFINERS, ELECTRICAL GOODS.

1893	N. J	327	23	F.	c 65-65-65	.57-1.00- .82	....	.....	....	....	...	.....	.....

FIBER SPLITTERS, ELECTRICAL GOODS.

1893	N. J	327	8	F.	d 65-65-65	.50- .72- .60	....	.....	....	....	...	.....	.....

FIELD MEN, BLEACHING.

1883	England ..	572	(a)	M.	59-59-59	.81- .81- .81	1886	Ireland ...	600	(a)	M.	57-57-57	.54- .54- .54
1883	Ireland ...	572	(a)	M.	60-60-60	.89- .89- .89	1886	Scotland ..	600	(a)	M.	57-57-57	.70- .70- .70

FILAMENT MAKERS, ELECTRICAL GOODS.

1894	Ohio	375	5	M.	60-60-60	1.20-1.20-1.20	1895	Ohio	376	65	F.	(a)	.63- .63- .63
1894	Ohio	375	55	F.	60-60-60	.71- .71- .71	1896	Ohio	377	3	M.	61-61-61	1.55-1.55-1.55
1895	Ohio	376	4	M.	(a)	1.45-1.45-1.45	1896	Ohio	377	33	F.	61-61-61	.51- .51- .51

FILE CUTTERS.

1832	England ..	572	(a)	(a)	(a)	.73-1.01- —	1869	Germany .	609	(a)	M.	(a)	.36- .61- —
1840	England ..	563	(a)	M.	48-48-48	.89- .89- .89	1870	Germany .	610	(a)	M.	72-72-72	.36- .61- —
1850	England ..	563	(a)	M.	48-48-48	.97- .97- .97	1870	Germany .	610	(a)	M.	78-78-78	g .71- .71- .71
1850	England ..	564	(a)	(a)	54-54-54	.89- .89- .89	1871	England ..	568	(a)	M.	(a)	.81- .97- —
(e)	England ..	561	(a)	(a)	(a)	.91-1.46- —	1871	England ..	568	(a)	F.	(a)	.36- .61- —
1860	England ..	563	(a)	M.	48-48-48	1.09-1.09-1.09	1871	England ..	629	(a)	(a)	58-58-58	1.22-1.22-1.22
1860	England ..	564	(a)	(a)	54-54-54	1.05-1.05-1.05	1872	Pa	8	2	M.	60-60-60	1.50-1.50-1.50
1860	Germany .	185	(a)	M.	(a)	.36- .36- .36	1872	England ..	185	(a)	M.	(a)	.49-1.21- —
1864	Germany .	185	(a)	M.	(a)	.48- .48- .48	1872	England ..	185	(a)	F.	(a)	.28- .61- —
1865	Germany .	185	(a)	M.	(a)	.48- .48- .48	1873	Germany .	177	(a)	M.	(a)	.71- .71- .71
1866	England ..	566	(a)	M.	54-54-54	.61-1.62- —	1874	Germany .	177	(a)	M.	(a)	.60- .60- .60
1866	England ..	566	(a)	F.	54-54-54	.45- .45- .45	1875	Germany .	177	(a)	M.	(a)	.48- .48- .48
1866	Germany .	185	(a)	M.	(a)	.48- .48- .48	1876	Germany .	177	(a)	M.	(a)	.32- .32- .32
1867	Germany .	185	(a)	M.	(a)	.48- .48- .48	1877	Germany .	177	(a)	M.	(a)	.32- .32- .32
(f)	England ..	567	(a)	M.	54-54-54	.61-1.62- —	1878	England ..	43	(a)	M.	(a)	1.42-1.42-1.42
(f)	England ..	567	(a)	F.	54-54-54	.45- .45- .45	1878	Germany .	177	(a)	M.	(a)	.32- .32- .32
1868	Germany .	185	(a)	M.	(a)	.48- .72- —	1879	Mo	293	1	M.	59-59-59	1.50-1.50-1.50

a Not reported.
b Not including hours of 7 persons not reported.
c Not including hours of 8 persons not reported.
d Not including hours of 4 persons not reported.
e Average for 1855–57.
f Average for 1867–68.
g And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILE CUTTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 N. J	318	1 (a)	59-59-59	1.50-1.50-1.50
1879 Germany	545	(a) M.	(a)	.48- .83- —
1879 Germany	545	(a) M.	(a)	b.05- .06- —
1880 Germany	546	(a) M.	(a)	.48- .60- —
1881 Ohio	363	20 M.	(a)	2.43-2.43-2.43
1881 Pa	2	60 M.	60-60-60	1.85-2.03-1.94
1881 Germany	178	(a) M.	(a)	.52- .52- .52
1882 Ohio	364	38 (a)	(a)	1.82-1.82-1.82
1882 Germany	71	(a) M.	72-72-72	.40- .48- —
1882 Germany	554	(a) (a)	60-60-60	.40- .79- —
1883 N. J	322	107 M.	60-60-60	.83-2.67-2.12
1883 England	43	(a) M.	(a)	1.01-1.01-1.01
1883 England	43	(a) F.	(a)	.30- .30- .30
1883 Germany	47	(a) M.	72-72-72	.71- .71- .71
1883 Germany	555	(a) (a)	60-60-60	.60-1.07- —
1884 Mich	278	1 M.	(a)	1.92-1.92-1.92
1884 Mo	295	1 M.	60-60-60	2.00-2.00-2.00
1884 N. J	323	2 M.	60-60-60	1.50-2.00-1.75
1884 Aust-Hun	178	(a) M.	60-72 —	.28-1.12- —
1884 Canada	466	(a) M.	59-59-59	1.00-1.00-1.00
1884 Germany	71	(a) M.	72-72-72	.71- .71- .71
1884 Germany	178	(a) M.	c60-60-60	.60- .83- —
1884 Germany	556	(a) (a)	48-54 —	.40-1.07- —
1885 N. J	324	1 M.	(a)	1.75-1.75-1.75
1885 Germany	71	(a) M.	72-72-72	.60- .60- .60
1885 Germany	547	(a) M.	(a)	.40-1.07- —
1886 N. J	325	3 M.	60-60-60	1.50-1.83-1.72
1886 Germany	548	(a) (a)	(a)	.48- .95- —
1886 Italy	633	(a) M.	66-66-66	.48- .77- —
1887 Ohio	369	54 M.	51-60-58	1.50-2.50-2.08
1887 Pa	390	2 M.	55-55-55	2.00-2.50-2.25
1887 Germany	557	(a) (a)	66-66-66	.60- .79- —
1888 N. Y	331	88 M.	d55-60-56	.75-2.50-1.80
1888 R. I	397	6 M.	(a)	1.50-2.25-1.94
1888 Aust-Hun	447	(a) M.	(a)	.07-1.04- —
1888 Canada	470	(a) M.	52-52-52	1.30-1.30-1.30
1888 Germany	558	(a) (a)	66-66-66	.48-1.19- —
1889 R. I	398	6 F.	60-60-60	1.00-1.00-1.00
1889 Canada	471	(a) M.	54-54-54	1.68-1.68-1.68
1889 England	631	(a) M.	58-60 —	.59- .81- —
1889 Germany	550	(a) M.	e72-72-72	.56-1.19- —
1890 N. Y	333	42 M.	(a)	.62-2.75-1.77
1891 N. Y	333	29 M.	(a)	.62-2.75-1.82
1891 Ohio	372	15 M.	60-60-60	2.00-2.00-2.00
1891 Scotland	576	(a) M.	51-51-51	.97- .97- .97
1892 Denmark	595	(a) M.	(a)	.77- .81- —
1892 France	505	(a) M.	60-72 —	.39-1.93- —
1892 France	505	(a) F.	60-66 —	.24- .48- —
1892 Scotland	577	(a) M.	54-54-54	1.01-1.01-1.01
1893 Ohio	374	19 M.	f60-60-60	1.75-2.00-1.97
1893 Aust-Hun	448	(a) M.	66-66-66	.41-1.22- —
1893 Aust-Hun	448	(a) M.	66-66-66	g.10- .34- —
1893 France	507	(a) (a)	60-60-60	.97- .97- .97
1893 Scotland	578	(a) M.	(a)	.95- .95- .95
1894 Ohio	375	30 M.	h54-60-59	1.65-2.00-1.85
1894 Aust-Hun	434	(a) M.	57-60 —	.61- .81- —
1894 England	590	(a) M.	(a)	.91-1.01- —
1895 Ohio	376	30 M.	60-60-60	1.50-2.00-1.82
1895 Pa	8	2 M.	60-60-60	1.00-1.75-1.38
1895 Aust-Hun	435	(a) (a)	60-60-60	.37-1.08- —
1896 Ohio	377	36 M.	48-60-54	1.25-2.00-1.59
1896 Aust-Hun	436	(a) (a)	57-63 —	.41- .88- —
1896 France	505	(a) M.	60-72 —	.48- .77- —
1897 Aust-Hun	437	(a) (a)	60-72 —	.54- .97- —
1898 N. J	329	17 M.	60-60-60	1.67-3.33-2.37
1898 Aust-Hun	438	(a) (a)	66-72 —	.54- .68- —

FILE CUTTERS' HELPERS.

1890	N. Y	333	15	M.	(a)	.42-1.00- .88	1891	N. Y	333	15	M.	(a)	.50-1.00- .90

FILE MAKERS.

(i)	England	567	(a)	M.	(a)	1.42-1.95- —	1888	N. Y	331	5	M.	59-59-59	.58-2.27-1.93
1871	Germany	185	(a)	M.	(a)	.36- .96- —	1890	Mich	282	1	M.	60-60-60	2.03-2.03-2.03
1872	Ohio	361	1	M.	(a)	3.00-3.00-3.00	1890	N. Y	333	14	M.	(a)	.83-2.25-1.80
1878	England	177	(a)	M.	(a)	1.05-1.05-1.05	1891	N. Y	333	12	M.	(a)	.83-2.25-1.77
1879	Ohio	361	1	M.	(a)	2.00-2.00-2.00	1891	England	576	(a)	M.	56-56-56	.97- .97- .97
1882	Mo	294	4	M.	60-60-60	1.67-2.00-1.86	1892	England	577	(a)	M.	j60-60-60	.81- .97- —
1883	Mich	277	10	M.	(a)	1.00-2.75-1.90	1892	England	632	(a)	M.	(a)	.85- .85- .85
1883	N. J	322	1	(a)	60-60-60	1.67-1.67-1.67	1892	France	505	(a)	M.	60-69 —	.68-1.16- —
1884	Iowa	231	1	M.	60-60-60	3.75-3.75-3.75	1893	England	578	(a)	M.	45-54 —	.85- .89- —
1884	Mich	278	5	M.	(a)	1.25-2.00-1.70	1894	France	508	(a)	M.	(a)	1.06-1.16- —
1884	Aust-Hun	178	(a)	M.	60-60-60	.68-1.00- —	1895	Ohio	376	4	M.	54-60-56	1.50-3.00-1.88
1884	Germany	178	(a)	M.	(a)	.63- .63- .63	1896	England	592	(a)	M.	(a)	.89- .97- —
1885	Canada	467	(a)	M.	57-63 —	1.17-1.50- —	1897	N. Y	337	8	M.	60-60-60	2.00-2.25-2.13
1886	Canada	468	(a)	M.	58-58-58	1.48-1.52- —	1898	N. Y	338	6	M.	60-60-60	2.00-2.00-2.00
1887	Wis	409	15	M.	(a)	1.25-1.25-1.25							

FILE MAKERS' HELPERS.

1884	Aust-Hun	178	(a)	M.	60-60-60	.40- .60- —	....	.....	....	....	...	.....	.....

a Not reported.
b Per hour.
c Applies to but 5 of the 6 wage quotations.
d Not including hours of 10 persons not reported.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 4 persons not reported.
g And board and lodging.
h Not including hours of 12 persons not reported.
i Average for 1867-68.
j Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 England	563	(a) M.	60-60-60	0.49-1.05- —
1840 England	564	(a) (a)	72-72-72	.53-1.01- —
1842 Conn.	8	2 M.	66-66-66	.50-1.50-1.00
1844 England	8	(a) M.	66-66-66	.75- .75- .75
1850 Mass.	8	1 M.	66-66-66	.66- .66- .66
1850 England	563	(a) M.	60-60-60	.41- .97- —
1850 England	564	(a) (a)	72-72-72	.53-1.01- —
1851 Conn.	8	28 M.	60-60-60	1.50-1.50-1.50
1853 Conn.	8	43 M.	60-60-60	1.50-1.50-1.50
1855 Conn.	8	1 M.	60-60-60	1.25-1.25-1.25
1855 N. Y.	8	1 M.	72-72-72	1.25-1.25-1.25
1857 Ireland	563	(a) (a)	60-60-60	.61- .61- .61
(b) Ireland	562	(a) M.	(a)	.61- .61- .61
1860 Mass.	8	1 M.	60-60-60	1.10-1.10-1.10
1860 England	563	(a) M.	60-60-60	.41- .99- —
1860 England	564	(a) (a)	72-72-72	.53-1.01- —
1860 Ireland	563	(a) (a)	60-60-60	.65- .65- .65
1863 N. J.	8	1 M.	60-60-60	1.50-1.50-1.50
1865 England	627	(a) M.	c60-60-60	.08- .12- —
1866 England	566	(a) M.	60-60-60	.12-1.62- —
(d) England	567	(a) M.	60-60-60	.41-1.22- —
1869 France	609	(a) (a)	(a)	.58- .87- —
1871 England	568	(a) M.	55-55-55	.41-2.23- —
1871 England	629	(a) (a)	58-58-58	1.01-1.42- —
1871 Italy	610	(a) M.	60-60-60	.39- .68- —
1872 England	185	(a) M.	e55-55-55	.40-1.33- —
1874 England	569	(a) M.	54-54-54	1.22-1.22-1.22
1876 Pa.	381	3 M.	(a)	3.25-3.25-3.25
1878 England	43	(a) F.	(a)	.43- .43- .43
1878 England	43	(a) (a)	(a)	1.22-1.22-1.22
1879 Pa.	384	9 (a)	60-60-60	1.83-1.83-1.83
1879 Br. India	459	(a) (a)	(a)	.12- .15- —
1880 Br. India	459	(a) (a)	(a)	.11- .14- —
1880 England	571	(a) M.	50-54 —	.32-1.62- —
1881 Br. India	459	(a) (a)	(a)	.10- .13- —
1882 Br. India	459	(a) (a)	(a)	.10- .13- —
1882 Germany	554	(a) (a)	68-68-68	.54- .83- —
1882 Germany	554	(a) (a)	68-68-68	f.24- .32- —
1883 Mass.	273	7 M.	(a)	1.50-1.67-1.60
1883 N. J.	7	4 F.	75-75-75	1.00-1.17-1.06
1883 N. J.	322	3 (a)	60-62-61	2.00-2.10-2.03
1883 Br. India	459	(a) (a)	(a)	.10- .13- —
1883 England	43	(a) F.	(a)	.41- .41- .41
1883 England	43	(a) (a)	(a)	1.14-1.14-1.14
1883 Germany	555	(a) (a)	66-66-66	.71- .89- —
1883 Germany	555	(a) (a)	66-66-66	f.36- .48- —
1884 Mich.	278	1 M.	(a)	2.00-2.00-2.00
1884 N. J.	323	20 M.	60-60-60	1.33-1.33-1.33
1884 Br. India	459	(a) (a)	(a)	.10- .13- —
1884 Germany	178	(a) M.	48-48-48	.55- .68- —
1884 Germany	556	(a) (a)	60-66 —	.60- .87- —
1884 Germany	556	(a) (a)	60-60-60	f.28- .40- —
1885 Mich.	1	47 M.	60-60-60	.60-4.50-2.15
1885 N. Y.	1	3 M.	60-60-60	2.33-2.33-2.33
1885 W. Va.	1	1 M.	60-60-60	2.00-2.00-2.00
1885 Br. India	459	(a) (a)	(a)	.10- .13- —
1885 Germany	547	(a) M.	(a)	.65- .83- —
1885 Germany	547	(a) F.	(a)	.36- .60- —
1886 N. Y.	7	1 M.	(a)	1.50-1.50-1.50
1886 Br. India	459	(a) (a)	(a)	.14- .16- —
1886 Germany	548	(a) (a)	(a)	.56- .95- —
1886 Italy	633	(a) M.	63-66 —	.48- .77- —
1887 Conn.	202	18 M.	(a)	1.52-1.52-1.52
1887 Conn.	202	1 F.	(a)	1.23-1.23-1.23
1887 Ohio	369	3 M.	60-60-60	2.00-2.25-2.17
1887 Br. India	459	(a) (a)	(a)	.13- .16- —
1887 Germany	557	(a) (a)	66-66-66	.71- .95- —
1888 N. J.	326	62 M.	(a)	1.60-2.33-1.76
1888 N. Y.	331	41 M.	g48-60-57	.50-3.00-1.93
1888 Br. India	459	(a) (a)	(a)	.13- .15- —
1888 England	5	(a) M.	(a)	.47- .47- .47
1888 Germany	558	(a) (a)	60-60-60	.56-1.07- —
1889 Belgium	5	(a) M.	h72-72-72	.46- .50- —
1889 Br. India	459	(a) (a)	(a)	.12- .15- —
1889 England	5	(a) M.	(a)	.55- .61- —
1889 Italy	5	(a) M.	(a)	.49- .57- —
1889 Portugal	691	(a) (a)	(a)	.54-1.08- —
1890 Mich.	282	27 M.	60-60-60	.40-2.00-1.12
1890 N. Y.	333	73 M.	(a)	.67-2.50-1.64
1890 Br. India	459	(a) (a)	(a)	.15- .19- —
1891 N. Y.	333	152 M.	(a)	.58-2.50-1.73
1891 Belgium	457	(a) M.	65-65-65	.09½-.48- —
1891 Br. India	459	(a) (a)	(a)	.13- .16- —
1891 France	505	(a) M.	60-70 —	.87-1.25- —
1891 Germany	551	(a) (a)	(a)	.87- .99- —
1892 Cal.	196	1 M.	60-60-60	2.50-2.50-2.50
1892 Mass.	20	3 M.	60-60-60	1.75-2.00-1.92
1892 Br. India	459	(a) (a)	(a)	.12- .14- —
1892 France	505	(a) M.	60-72 —	.39-1.40- —
1893 Mass.	20	2 M.	60-60-60	2.00-2.00-2.00
1893 Ohio	374	60 M.	i48-60-56	1.40-2.25-1.77
1893 Br. India	459	(a) (a)	(a)	.11- .13- —
1894 Mass.	20	1 M.	60-60-60	1.80-1.80-1.80
1894 N. Y.	8	3 M.	60-60-60	1.00-1.70-1.40
1894 Ohio	375	32 M.	48-60-52	1.25-1.83-1.50
1894 Br. India	459	(a) (a)	(a)	.08½-.10- —
1894 France	129	(a) M.	60-60-60	1.16-1.54- —
1895 Conn.	8	1 M.	60-60-60	1.00-1.00-1.00
1895 Mass.	8	2 F.	60-60-60	1.00-1.00-1.00
1895 Mass.	20	11 M.	60-60-60	2.00-2.00-2.00
1895 N. J.	7	4 M.	60-60-60	1.33-1.50-1.42
1895 N. Y.	8	4 M.	60-60-60	1.30-1.40-1.36
1895 Ohio	376	78 M.	48-60-57	1.00-2.75-2.28
1895 Ohio	376	6 F.	(a)	.65- .65- .65
1895 Pa.	8	8 M.	54-54-54	.72-1.25- .90
1895 Wis.	413	1 M.	60-60-60	2.50-2.50-2.50
1895 Br. India	459	(a) (a)	(a)	.08½-.11- —
1895 France	677	(a) (a)	60-60-60	1.17-1.56- —
1896 Conn.	8	1 M.	60-60-60	1.75-1.75-1.75
1896 Mich.	288	95 M.	60-60-60	1.00-3.20-1.38
1896 N. Y.	7	2 M.	60-60-60	1.50-1.50-1.50
1896 N. Y.	8	6 M.	60-60-60	2.00-2.00-2.00
1896 Ohio	377	206 M.	48-60-59	1.20-2.70-2.23
1896 England	592	(a) M.	(a)	.85-1.10- —
1896 France	505	(a) M.	60-72 —	.97- .97- .97
1897 N. Y.	8	7 M.	60-60-60	1.50-2.50-2.08
1897 England	593	(a) (a)	(a)	1.05-1.09- —
1897 France	511	(a) M.	60-60-60	.87- .87- .87
1898 N. J.	329	4 M.	60-60-60	1.25-1.25-1.25
1898 Wash.	405	108 (a)	(a)	2.60-4.08-3.44
1898 France	512	(a) M.	60-60-60	1.16-1.16-1.16
1899 N. Y.	18	4 M.	54-54-54	1.67-1.67-1.67
1900 N. Y.	18	4 M.	54-54-54	1.67-1.67-1.67

a Not reported.
b Average for 1856–58.
c Applies to but 1 of the 3 wage quotations.
d Average for 1867–68.
e Applies to but 4 of the 6 wage quotations.
f And board and lodging.
g Not including hours of 17 persons not reported.
h Applies to but 1 of the 2 wage quotations.
i Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLERS, BOTTOM, PIG IRON.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	12 M.	(a)	1.25-1.75-1.58	1888 Va	5	99 M.	(a)	1.00-1.40-1.13
1878 Pa	383	16 M.	84-84-84	1.05-1.10-1.07	1889 Ala	5	20 M.	84-84-84	1.25-1.25-1.25
1884 N.J	323	2 M.	84-84-84	1.29-1.29-1.29	1889 Ill	5	31 M.	b 70-70-70	2.00-2.10-2.07
1885 N. Y	1	64 M.	84-84-84	1.33-1.60-1.50	1889 Ind	5	4 M.	72-72-72	1.50-1.50-1.50
1885 Ohio	1	236 M.	70-84-83	1.05-1.40-1.28	1889 N. Y	5	15 M.	(a)	1.50-1.65-1.51
1885 Pa	1	58 M.	84-84-84	1.35-1.55-1.46	1889 Ohio	5	28 M.	84-84-84	1.65-1.65-1.65
1885 Tenn	1	20 M.	84-84-84	1.10-1.10-1.10	1889 Pa	5	75 M.	70-84-75	1.20-1.70-1.50
1885 Va	1	92 M.	84-84-84	1.10-1.13-1.11	1889 Va	5	20 M.	(a)	1.05-1.10-1.05
1885 Belgium	1	(a) F.	84-84-84	.32- .32- .32	1891 N. Y	333	36 M.	(a)	1.68-1.68-1.68
1885 Gr't Brit	1	(a) M.	84-84-84	.96- .96- .96	1892 Ohio	373	233 M.	48-84-71	1.00-1.90-1.51
1886 England	67	(a) (a)	(a)	1.08-1.08-1.08	1893 N. J	8	16 M.	84-84-84	1.40-1.40-1.40
1887 Ohio	369	213 M.	70-84-74	1.12-1.70-1.51	1895 Ohio	376	372 M.	c 84-84-84	.75-1.65-1.47
1888 Ill	5	18 M.	84-84-84	2.10-2.10-2.10	1897 Ohio	377	518 (a)	d 84-84-84	.75-1.65-1.36
1888 Pa	5	10 M.	84-84-84	1.40-1.40-1.40					

FILLERS, BRICK, TILE, AND SEWER PIPE.

1890 N. Y	333	2 M.	(a)	1.50-1.50-1.50	1893 Ohio	374	4 M.	54-60-56	1.50-1.50-1.50
1891 N. Y	333	2 M.	(a)	1.50-1.50-1.50					

FILLERS, CANNED GOODS.

1880 W. Va	7	7 F.	60-60-60	.46- .46- .46	1894 N. Y	8	9 M.	60-60-60	1.00-1.25-1.11
1882 N. Y	7	3 M.	60-60-60	.75- .83- .81	1895 N. Y	7	3 M.	60-60-60	.67- .75- .69
1882 N. Y	7	8 F.	60-60-60	.50-1.33- .88	1895 N. Y	7	58 F.	57-60-58	.58-1.00- .82
1885 N. Y	7	22 F.	(a)	.58-1.00- .77	1895 Ohio	376	2 F.	57-57-57	1.50-1.50-1.50
1886 N. Y	7	48 F.	60-60-60	.60- .70- .66	1896 N. Y	7	77 F.	60-60-60	.70- .80- .76
1889 Canada	471	(a) M.	60-60-60	.75- .75- .75	1896 Ohio	377	4 M.	60-60-60	1.40-1.40-1.40
1891 N. Y	333	4 F.	(a)	.75- .75- .75	1896 W. Va	7	8 F.	60-60-60	.46- .46- .46
1893 Ohio	374	10 F.	54-54-54	.75- .75- .75					

FILLERS, CARPETINGS.

1885 N. Y	1	34 M.	60-60-60	1.50-1.50-1.50	1890 N. Y	333	42 M.	(a)	1.50-1.50-1.50
1885 N. Y	1	33 F.	60-60-60	1.30-1.30-1.30	1891 N. Y	333	42 M.	(a)	1.50-1.50-1.50
1887 Mass	3	5 F.	58-60-59	1.00-1.17-1.04	1899 N. Y	18	20 F.	60-60-60	.77-1.02- .94
1887 N. Y	3	1 F.	60-60-60	1.25-1.25-1.25	1900 N. Y	18	20 F.	60-60-60	.81-1.08- .99

FILLERS, DRUGS AND CHEMICALS.

1880 N. Y	7	4 F.	56-56-56	.58- .83- .73	1891 Mich	283	5 F.	(a)	.90- .90- .90
1885 Md	7	25 F.	(a)	.54- .88- .70	1891 N. Y	333	19 M.	(a)	.83-2.33-1.55
1885 Mich	7	5 M.	60-60-60	.67- .67- .67	1891 N. Y	333	26 F.	(a)	.58-1.17- .72
1885 N. Y	7	31 F.	(a)	.54-1.37- .99	1892 Ill	210	15 F.	40-40-40	.91-1.58-1.07
1886 N. Y	3	4 F.	60-62-61	.67-1.00- .79	1894 Ohio	375	1 M.	45-45-45	1.50-1.50-1.50
1886 Pa	3	1 F.	60-60-60	1.50-1.50-1.50	1895 Md	7	25 F.	51-51-51	.54- .88- .69
1887 Ill	3	1 F.	58-58-58	.75- .75- .75	1895 N. Y	7	1 M.	57-57-57	2.00-2.00-2.00
1887 Mass	3	4 F.	56-58-58	.75-1.00- .85	1895 N. Y	7	26 F.	52-56-55	.58-1.63-1.07
1887 Minn	3	4 F.	59-60-60	.75-1.00- .94	1895 Ohio	376	2 M.	b 51-51-51	1.50-1.50-1.50
1887 N. Y	3	3 F.	53-53-53	.67-1.33-1.00	1895 Pa	8	1 F.	60-60-60	1.00-1.00-1.00
1887 Ohio	3	1 F.	54-54-54	1.33-1.33-1.33	1896 Mich	7	10 M.	60-60-60	.83- .83- .83
1888 Ga	3	1 F.	60-60-60	.42- .42- .42	1896 Ohio	377	2 M.	51-51-51	1.50-1.50-1.50
1888 N. Y	331	29 M.	44-60-45	1.00-2.00-1.03	1897 Va	404	5 M.	60-60-60	.60-1.00- .92
1890 N. Y	333	14 M.	(a)	1.50-2.33-1.87	1897 Va	404	5 F.	60-60-60	.50- .50- .50
1890 N. Y	333	25 F.	(a)	.58-1.17- .70					

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 36 persons not reported.
d Not including hours of 12 persons n ot reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLERS, FOOD PREPARATIONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mich	283	1 F.	(a)	0.75-0.75-0.75	1891 N. Y	333	8 M.	(a)	0.70-0.96-0.84

FILLERS' HELPERS, PIG IRON.

1884 N. J	323	2 M.	70-70-70	1.22-1.34-1.28	1889 Md	5	4 M.	72-72-72	.92- .92- .92
1886 England	604	(a) M.	(a)	.78- .86- —	1889 N. Y	5	3 M.	70-70-70	1.46-1.46-1.46
1889 Ala	5	23 M.	70-84-80	1.20-1.50-1.46	1889 Ohio	5	14 M.	84-84-84	1.35-1.65-1.61
1889 Ga	5	2 M.	84-84-84	1.25-1.25-1.25	1889 Germany	5	(a) M.	84-84-84	.53- .53- .53

FILLERS-IN, CLAY AND POTTERY PRODUCTS.

1885 N. J	324	11 F.	60-60-60	.33-1.00- .52	1893 N. J	327	32 F.	56-56-56	.25-1.33- .75
1886 N. J	325	15 F.	54-54-54	.83-1.33-1.13	1894 Ohio	375	3 M.	54-54-54	1.25-1.25-1.25
1892 Ohio	373	3 F.	58-58-58	1.00-1.00-1.00	1894 Ohio	375	139 F.	60-60-60	.79-1.10- .82
1892 Ohio	373	20 (a)	58-58-58	.75- .75- .75					

FILLERS-IN, GLASS.

1878 Ohio	360	1 M.	40-40-40	1.50-1.50-1.50	1890 Ill	6	6 M.	60-60-60	1.83-2.00-1.89
1880 Ohio	362	1 M.	(a)	1.83-1.83-1.83	1890 Ind	6	2 M.	(a)	2.29-2.55-2.42
1885 Ohio	1	2 M.	66-66-66	2.00-2.00-2.00	1890 Ohio	6	3 M.	72-72-72	2.00-2.00-2.00
1885 Pa	1	13 M.	60-60-60	1.66-2.40-1.90	1897 Ohio	377	5 M.	54-54-54	1.60-1.60-1.60
1889 Ind	6	4 M.	60-60-60	1.62-1.62-1.62					

FILLERS-IN, PRINTING AND PUBLISHING.

1885 Mass	7	4 M.	59-59-59	1.00-2.00-1.58	1895 Mass	7	8 M.	58-58-58	.83-2.00-1.40

FILLERS, JARS, MEAT PACKING.

1892 Ill	210	22 F.	60-60-60	.75-1.38- .99	1898 Australia	429	(a)	(a)	(a)	.81-1.42- —

FILLERS, MARBLE AND STONE.

1855 Mass	8	5 M.	72-72-72	.60- .60- .60	1891 N. Y	333	3 M.	(a)	1.35-1.35-1.35
1890 N. Y	333	3 M.	(a)	1.35-1.35-1.35	1897 Vt	8	5 M.	60-60-60	1.50-1.50-1.50

FILLERS, PETROLEUM PRODUCTS.

1888 N. Y	331	4 M.	60-60-60	1.75-1.75-1.75	1891 N. Y	333	48 M.	(a)	1.00-2.00-1.68
1890 N. Y	333	20 M.	(a)	1.83-2.00-1.98					

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLERS, PIG IRON.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 Pa	190	1 M.	(a)	0.65-0.65-0.65
1840 Wales	572	(a) (a)	(a)	1.01-1.25- —
1841 Pa	190	1 M.	(a)	.65- .65- .65
1841 Wales	572	(a) (a)	(a)	.70- .82- —
1842 Pa	190	1 M.	(a)	.65- .65- .65
1842 Wales	572	(a) (a)	(a)	.49- .59- —
1843 Pa	190	1 M.	(a)	.65- .65- .65
1843 Wales	572	(a) (a)	(a)	.56- .66- —
1844 Pa	190	1 M.	(a)	.85- .85- .85
1844 England	572	(a) (a)	84-84-84	.85- .85- .85
1844 Wales	572	(a) (a)	(a)	.50- .76- —
1845 Pa	190	1 M.	(a)	1.01-1.01-1.01
1845 England	572	(a) (a)	84-84-84	1.10-1.10-1.10
1845 Wales	572	(a) (a)	(a)	.54- .94- —
1846 Pa	190	1 M.	(a)	.99- .99- .99
1846 England	572	(a) (a)	b 84-84-84	1.04-1.22- —
1846 Wales	572	(a) (a)	(a)	.66-1.04- —
1847 Pa	190	1 M.	(a)	1.13-1.13-1.13
1847 England	572	(a) (a)	b 84-84-84	1.22-1.22-1.22
1847 Wales	572	(a) (a)	(a)	.64-1.09- —
1848 Pa	190	1 M.	(a)	1.12-1.12-1.12
1848 England	572	(a) (a)	b 84-84-84	.93-1.03- —
1848 Wales	572	(a) (a)	(a)	.64-1.13- —
1849 Pa	190	1 M.	(a)	1.02-1.02-1.02
1849 England	572	(a) (a)	b 81-84-84	.81- .90- —
1849 Wales	572	(a) (a)	(a)	.61-1.05- —
1850 Pa	190	1 M.	(a)	1.07-1.07-1.07
1851 Pa	190	1 M.	(a)	1.09-1.09-1.09
1852 Pa	190	1 M.	(a)	1.05-1.05-1.05
1853 Pa	190	1 M.	(a)	1.16-1.16-1.16
1854 Pa	190	1 M.	(a)	1.16-1.16-1.16
1855 Pa	190	1 M.	(a)	1.32-1.32-1.32
1856 Pa	190	1 M.	(a)	1.36-1.36-1.36
1857 Pa	190	1 M.	(a)	1.36-1.36-1.36
1858 Pa	190	1 M.	(a)	1.30-1.30-1.30
1859 Pa	190	1 M.	(a)	1.25-1.25-1.25
1860 Pa	190	1 M.	(a)	1.37-1.37-1.37
1861 Pa	190	1 M.	(a)	1.44-1.44-1.44
1862 Pa	190	1 M.	(a)	1.25-1.25-1.25
1863 Pa	190	1 M.	(a)	1.38-1.38-1.38
1864 Pa	190	1 M.	(a)	2.10-2.10-2.10
1865 Pa	190	1 M.	(a)	1.93-1.93-1.93
1866 Pa	190	1 M.	(a)	1.95-1.95-1.95
1867 Pa	190	1 M.	(a)	2.05-2.05-2.05
1868 Pa	190	1 M.	(a)	2.05-2.05-2.05
1869 Pa	190	1 M.	(a)	2.25-2.25-2.25
1870 Pa	190	1 M.	(a)	2.25-2.25-2.25
1871 Pa	190	1 M.	(a)	2.25-2.25-2.25
1871 England	629	(a) (a)	59-59-59	.78-1.03- —
1872 Pa	190	1 M.	(a)	2.56-2.56-2.56
1873 Pa	190	1 M.	(a)	2.66-2.66-2.66
1873 Pa	379	8 M.	(a)	2.40-2.40-2.40
1874 Pa	190	1 M.	(a)	1.79-1.79-1.79
1874 Pa	380	128 M.	(a)	1.10-1.75-1.49
1875 Pa	190	1 M.	(a)	1.70-1.70-1.70
1875 Pa	380	6 M.	(a)	1.35-1.35-1.35
1876 Pa	190	1 M.	(a)	1.47-1.47-1.47
1876 Pa	381	462 M.	(a)	.79-1.87-1.40
1876 Pa	382	68 M.	(a)	1.00-1.67-1.19
1877 Ohio	359	203 M.	c 60-84-80	.77-1.60-1.22
1877 Pa	190	1 M.	(a)	1.37-1.37-1.37
1877 England	570	(a) M.	63-84 —	.83-1.18- —
1878 Ohio	360	270 M.	(a)	.86-1.50-1.18
1878 Pa	190	1 M.	(a)	1.38-1.38-1.38
1878 Pa	383	434 M.	d 67-84-83	0.60-2.00-1.14
1879 Ohio	361	374 M.	(a)	.77-1.70-1.37
1879 Pa	190	1 M.	(a)	1.28-1.28-1.28
1879 Pa	384	668 M.	(a)	.72-2.00-1.38
1879 Pa	384	3 M.	(a)	e .66- .66- .66
1880 Ohio	362	464 M.	f 60-84-81	.86-1.82-1.46
1880 Pa	190	1 M.	(a)	1.56-1.56-1.56
1881 Ohio	363	277 M.	g 70-84-78	.86-1.75-1.49
1881 Pa	190	1 M.	(a)	1.56-1.56-1.56
1882 N. J	321	46 M.	84-84-84	1.65-1.75-1.69
1882 Pa	2	4 M.	84-84-84	1.75-1.75-1.75
1882 Pa	190	1 M.	(a)	1.71-1.71-1.71
1883 N. J	322	56 M.	(a)	1.29-1.72-1.49
1883 Pa	190	1 M.	(a)	1.88-1.88-1.88
1883 England	572	(a) M.	84-84-84	.92-1.00- —
1884 N. J	323	102 M.	70-84-81	1.35-1.58-1.48
1884 Ohio	366	428 M.	(a)	.86-1.70-1.47
1884 Ohio	367	204 M.	h 48-84-59	.81-1.65-1.41
1884 Pa	190	1 M.	(a)	1.88-1.88-1.88
1885 Ind	1	10 M.	70-70-70	1.35-1.35-1.35
1885 Md	1	42 M.	84-84-84	1.25-1.50-1.35
1885 Ohio	1	48 M.	84-84-84	1.10-1.35-1.23
1885 Ohio	367	204 M.	i 48-84-59	.73-1.46-1.32
1885 Pa	1	20 M.	84-84-84	1.65-1.65-1.65
1885 Pa	190	1 M.	(a)	1.71-1.71-1.71
1885 Va	1	24 M.	84-84-84	1.10-1.10-1.10
1885 Gr't Brit	1	(a) M.	84-84-84	.76-1.26- —
1886 Pa	190	1 M.	(a)	1.71-1.71-1.71
1886 England	604	(a) M.	(a)	.59-1.34- —
1886 Scotland	67	(a) M.	(a)	.91-1.83- —
1886 Scotland	604	(a) M.	(a)	.47-1.03- —
1887 Ohio	369	12 M.	70-70-70	1.40-1.40-1.40
1887 Pa	190	1 M.	(a)	1.88-1.88-1.88
1888 N. Y	331	10 M.	77-77-77	1.50-1.50-1.50
1888 Ohio	5	16 M.	84-84-84	1.65-1.65-1.65
1888 Pa	5	48 M.	84-84-84	1.50-1.75-1.61
1888 Pa	190	1 M.	(a)	1.70-1.70-1.70
1888 Tenn	5	127 M.	(a)	1.00-1.20-1.18
1888 Va	5	39 M.	j 84-84-84	1.00-1.30-1.20
1888 W. Va	5	20 M.	84-84-84	1.65-1.65-1.65
1888 Belgium	5	(a) M.	84-84-84	.65- .74- —
1888 England	5	(a) M.	84-84-84	.49- .61- —
1888 Germany	5	(a) M.	84-84-84	.50- .50- .50
1889 Ala	5	210 M.	70-84-84	1.10-1.70-1.23
1889 Ga	5	16 M.	84-84-84	1.10-1.25-1.18
1889 Ill	5	1 M.	70-70-70	2.10-2.10-2.10
1889 Md	5	4 M.	72-72-72	1.35-1.35-1.35
1889 Mo	5	4 M.	84-84-84	1.50-1.50-1.50
1889 N. Y	5	139 M.	k 70-84-74	1.29-1.70-1.43
1889 Ohio	5	266 M.	l 56-84-80	1.35-2.00-1.58
1889 Pa	5	494 M.	n 56-84-80	1.08-1.80-1.48
1889 Pa	190	1 M.	(a)	1.88-1.88-1.88
1889 Tenn	5	76 M.	84-84-84	1.20-1.30-1.23
1889 W. Va	5	57 M.	70-84-76	1.40-1.65-1.64
1889 Belgium	5	(a) M.	o 84-84-84	.49- .71- —
1889 England	5	(a) M.	p 84-84-84	.55-1.19- —
1889 Germany	5	(a) M.	84-84-84	.71- .71- .71
1890 Ala	5	75 M.	84-84-84	1.10-1.10-1.10
1890 N. Y	333	4 M.	(a)	1.75-1.75-1.75
1890 Ohio	5	22 M.	72-84-83	1.00-1.70-1.58
1890 Pa	190	1 M.	(a)	1.88-1.88-1.88
1890 Wis	5	36 M.	84-84-84	1.92-1.92-1.92
1891 N. Y	333	20 M.	(a)	1.50-1.75-1.55

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 26 persons not reported.
d Not including hours of 122 persons not reported.
e And rent.
f Not including hours of 317 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 24 persons not reported.
i Not including hours of 32 persons not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 30 persons not reported.
l Not including hours of 25 persons not reported.
n Not including hours of 53 persons not reported.
o Applies to but 3 of the 17 wage quotations.
p Applies to but 6 of the 23 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLERS, PIG IRON—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Pa	190	1 M.	(a)	1.70-1.70-1.70
1891 Belgium	457	(a) M.	b 84-84-84	.52- .86- —
1891 Belgium	457	(a) F.	(a)	.37- .37- .37
1892 Pa	190	1 M.	(a)	1.88-1.88-1.88
1892 Aust-Hun	595	(a) (a)	(a)	.52- .52- .52
1893 Aust-Hun	595	(a) (a)	(a)	.78- .78- .78
1894 Aust-Hun	595	(a) (a)	(a)	.58- .58- .58
1894 Scotland	590	(a) M.	(a)	.75- .75- .75
1895 Aust-Hun	595	(a) (a)	(a)	.56- .56- .56
1895 Canada	187	(a) M.	63-63-63	1.12-1.16- —
1896 Pa	394	16 M.	70-84-74	1.10-1.38-1.22
1896 Aust-Hun	595	(a) (a)	(a)	.50- .50- .50
1897 Pa	395	3 M.	(a)	1.50-1.50-1.50
1898 Pa	18	43 M.	(a)	1.65-1.65-1.65
1899 Ala	18	200 M.	84-84-84	1.15-1.20-1.19
1899 Pa	18	45 M.	(a)	1.90-1.90-1.90
1900 Ala	18	194 M.	84-84-84	1.20-1.25-1.21

FILLERS, SEED.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y	7	11 F.	60-60-60	.58- .92- .74
1891 Mich	283	71 F.	(a)	.76- .86- .81
1896 N. Y	7	13 F.	60-60-60	.58- .83- .69

FILLERS, STEEL INGOTS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Belgium	5	(a) M.	(a)	.67- .75- —
1889 England	5	(a) M.	72-72-72	.97- .97- .97
1889 Germany	5	(a) M.	(a)	.43- .59- —

FILLERS, TOP, PIG IRON.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1856 Pa	8	2 M.	72-72-72	.66- .66- .66
1876 Pa	381	10 M.	(a)	1.45-1.85-1.67
1878 Pa	383	4 M.	84-84-84	1.15-1.15-1.15
1881 Pa	2	8 M.	63-63-63	1.60-1.60-1.60
1883 Ohio	2	12 M.	60-60-60	1.65-1.70-1.68
1884 N. J	323	5 M.	70-84-78	1.34-1.73-1.49
1885 Ala	1	8 M.	84-84-84	1.50-1.50-1.50
1885 N. Y	1	12 M.	84-84-84	1.50-1.60-1.57
1885 Ohio	1	66 M.	84-84-84	1.05-1.65-1.42
1885 Pa	1	14 M.	84-84-84	1.65-1.80-1.74
1885 Tenn	1	4 M.	84-84-84	1.30-1.30-1.30
1885 Va	1	16 M.	84-84-84	1.30-1.30-1.30
1885 Belgium	1	(a) M.	84-84-84	.65- .65- .65
1885 Gr't Brit	1	(a) M.	84-84-84	1.20-1.20-1.20
1886 England	67	(a) (a)	(a)	1.25-1.25-1.25
1887 Ohio	369	32 M.	70-70-70	1.45-2.00-1.78
1888 Ill	5	4 M.	84-84-84	2.40-2.40-2.40
1888 N. Y	331	8 M.	70-84-77	1.63-1.88-1.76
1888 Ohio	5	2 M.	70-70-70	2.00-2.00-2.00
1888 Pa	5	20 M.	84-84-84	1.45-2.10-1.79
1888 Tenn	5	7 M.	c 84-84-84	1.10-2.40-1.44
1888 Va	5	20 M.	d 84-84-84	1.17-1.49-1.26
1888 W. Va	5	4 M.	56-56-56	2.00-2.00-2.00
1888 Belgium	5	(a) M.	84-84-84	.79- .79- .79
1888 Germany	5	(a) M.	84-84-84	.60- .60- .60
1889 Ala	5	55 M.	70-84-81	1.00-1.75-1.57
1889 Ga	5	2 M.	84-84-84	1.60-1.60-1.60
1889 Ill	5	4 M.	70-70-70	2.40-2.40-2.40
1889 Ind	5	2 M.	72-72-72	1.50-1.50-1.50
1889 Mich	5	8 M.	84-84-84	1.55-1.75-1.65
1889 Mo	5	2 M.	84-84-84	1.53-1.53-1.53
1889 N. Y	5	18 M.	e 70-84-79	1.50-1.81-1.62
1889 Ohio	5	80 M.	f 56-84-75	1.35-2.00-1.78
1889 Pa	5	127 M.	g 56-84-77	.82-2.10-1.63
1889 Tenn	5	18 M.	77-84-82	1.25-1.65-1.50
1889 Va	5	9 M.	h 84-84-84	1.00-1.50-1.36
1889 W. Va	5	14 M.	70-84-74	1.65-2.00-1.80
1889 Belgium	5	(a) M.	i 84-84-84	.54- .79- —
1889 England	5	(a) M.	84-84-84	1.30-1.30-1.30
1889 France	5	(a) M.	84-84-84	.85-1.10- —
1889 Germany	5	(a) M.	84-84-84	.60- .60- .60
1890 Ala	5	16 M.	84-84-84	1.75-1.75-1.75
1890 N. Y	333	4 M.	(a)	1.88-1.88-1.88
1890 Ohio	5	6 M.	70-70-70	1.85-1.85-1.85
1890 Pa	5	3 M.	70-70-70	1.65-1.65-1.65
1890 Wis	5	8 M.	72-72-72	1.92-2.20-2.06
1891 N. Y	333	12 M.	(a)	1.58-1.92-1.79
1892 Ohio	373	63 M.	48-84-68	.90-2.10-1.64
1893 N. J	8	4 M.	84-84-84	1.70-1.70-1.70
1895 Ohio	376	119 M.	d 56-84-80	.80-2.10-1.65
1896 Pa	394	12 M.	84-84-84	1.37-1.44-1.42
1897 Ohio	377	130 (a)	f 56-84-76	.75-2.10-1.43
1897 Pa	395	3 M.	(a)	1.80-1.80-1.80
1898 Pa	18	16 M.	(a)	1.80-2.00-1.85
1899 Ala	18	12 M.	84-84-84	1.65-1.75-1.72
1899 Pa	18	16 M.	(a)	2.05-2.30-2.11
1900 Ala	18	12 M.	84-84-84	1.70-1.75-1.73

FILLERS, WHIPS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y	7	6 M.	60-60-60	1.27-2.06-1.81
1890 N. Y	333	3 M.	(a)	1.25-1.25-1.25
1891 N. Y	333	5 M.	(a)	1.25-1.25-1.25
1896 N. Y	7	8 M.	60-60-60	.54-1.97-1.27

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Not including hours of 6 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 10 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 13 persons not reported.
h Not including hours of 5 persons not reported.
i Applies to but 2 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLERS, WOOD.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mich.	7	8 F.	72-72-72	1.08-1.18-1.13
1884 N. J	323	1 M.	60-60-60	1.85-1.85-1.85
1888 N. J	326	2 (a)	60-60-60	1.25-1.45-1.35
1888 Canada	470	(a) M.	60-60-60	1.24-1.24-1.24
1889 Mich	281	112 M.	60-60-60	.46-1.67-1.13
1889 Mich	281	2 (a)	60-60-60	.42- .60- .51
1890 N. Y	333	1 M.	(a)	1.00-1.00-1.00
1891 N. Y	333	15 M.	(a)	.60-1.25- .92
1893 Ohio	374	15 M.	60-60-60	.94-1.25-1.09
1894 Ga	8	3 M.	60-60-60	.90- .90- .90
1894 Ind	228	2 M.	50-50-50	1.16-1.16-1.16
1894 N. Y	8	14 M.	60-60-60	.75-1.75- .97
1894 Ohio	375	11 M.	60-60-60	.85-1.25-1.06
1895 Mass	8	1 M.	60-60-60	2.25-2.25-2.25
1895 N. Y	8	4 M.	60-60-60	1.00-1.75-1.25
1895 Ohio	376	13 M.	60-60-60	.85-1.00- .95
1896 Conn	8	1 M.	60-60-60	1.60-1.60-1.60
1896 Mich	7	6 F.	60-60-60	.79- .93- .86
1896 Ohio	377	8 M.	48-60-59	.85-1.25-1.18
1897 N. Y	8	1 M.	60-60-60	1.00-1.00-1.00

FILLING CARRIERS.

1850	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1877	Ga	8	2	M.	66-66-66	.50- .50- .50
1851	Mass	190	2	M.	72-72-72	.21- .21- .21	1877	Mass	190	2	M.	60-60-60	.88- .88- .88
1851	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1877	R. I	190	3	M.	72-72-72	.83-1.25-1.11
1852	Mass	190	2	M.	72-72-72	.30- .30- .30	1878	Mass	190	2	M.	60-60-60	.83- .83- .83
1852	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1878	R. I	190	3	M.	72-72-72	.83-1.25-1.11
1853	Mass	190	2	M.	72-72-72	.50- .50- .50	1879	Mass	190	2	M.	60-60-60	.83- .83- .83
1853	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1879	R. I	190	3	M.	72-72-72	1.00-1.25-1.17
1854	Mass	190	6	M.	72-72-72	.50- .50- .50	1880	Ga	7	2	M.	(a)	.75- .75- .75
1854	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1880	Mass	190	2	M.	60-60-60	.97- .97- .97
1855	Mass	190	6	M.	72-72-72	.50- .50- .50	1880	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1855	R. I	190	1	M.	84-84-84	1.00-1.00-1.00	1881	Ga	7	2	M.	66-66-66	.50- .75- .63
1856	Mass	190	6	M.	72-72-72	.50- .50- .50	1881	Mass	190	2	M.	60-60-60	.97- .97- .97
1856	R. I	190	1	M.	84-84-84	1.12-1.12-1.12	1881	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1857	Mass	190	6	M.	66-66-66	.67- .67- .67	1882	Mass	190	2	M.	60-60-60	.97- .97- .97
1857	R. I	190	1	M.	84-84-84	1.12-1.12-1.12	1882	N. C	7	2	M.	(a)	.50- .50- .50
1858	Mass	190	6	M.	72-72-72	.83- .83- .83	1882	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1858	R. I	190	1	M.	84-84-84	1.12-1.12-1.12	1882	S. C	7	1	M.	69-69-69	.75- .75- .75
1859	Mass	190	5	M.	72-72-72	.67- .67- .67	1883	Ala	7	1	M.	(a)	.75- .75- .75
1859	R. I	190	1	M.	84-84-84	1.12-1.12-1.12	1883	Ga	7	8	M.	b66-66-66	.80-1.00- .88
1860	Mass	190	5	M.	72-72-72	.83- .83- .83	1883	Mass	190	2	M.	60-60-60	.90- .90- .90
1860	R. I	190	1	M.	78-78-78	1.12-1.12-1.12	1883	Mass	273	35	M.	(a)	.55-1.85-1.00
1861	Mass	190	4	M.	66-66-66	.67- .67- .67	1883	Mass	273	29	F.	(a)	.60- .80- .65
1861	R. I	190	1	M.	78-78-78	1.12-1.12-1.12	1883	Mass	273	4	(a)	(a)	.60-1.10- .73
1862	Mass	190	4	M.	66-66-66	.67- .67- .67	1883	Miss	7	2	M.	(a)	.75- .75- .75
1862	R. I	190	1	M.	78-78-78	1.25-1.25-1.25	1883	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1863	Mass	190	4	M.	66-66-66	.92- .92- .92	1883	Tenn	7	2	M.	66-66-66	.30- .30- .30
1863	R. I	190	1	M.	78-78-78	1.25-1.25-1.25	1884	Ga	7	4	M.	66-70-68	.80- .80- .80
1864	Mass	190	4	M.	66-66-66	1.17-1.17-1.17	1884	Ky	7	1	M.	66-66-66	1.08-1.08-1.08
1864	R. I	190	1	M.	78-78-78	1.25-1.25-1.25	1884	La	7	6	M.	63-63-63	.42- .58- .50
1865	Mass	190	4	M.	66-66-66	1.29-1.29-1.29	1884	Mass	190	2	M.	60-60-60	.90- .90- .90
1865	R. I	190	1	M.	78-78-78	1.33-1.33-1.33	1884	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1866	Mass	190	4	M.	66-66-66	1.29-1.29-1.29	1884	S. C	7	1	M.	69-69-69	.75- .75- .75
1866	R. I	190	1	M.	78-78-78	1.42-1.42-1.42	1884	Va	7	1	M.	69-69-69	.56- .56- .56
1867	Mass	190	4	M.	66-66-66	1.33-1.33-1.33	1885	Ala	7	1	M.	63-63-63	.83- .83- .83
1867	R. I	190	1	M.	78-78-78	1.42-1.42-1.42	1885	Conn	1	1	M.	66-66-66	1.00-1.00-1.00
1868	Mass	190	3	M.	66-66-66	1.25-1.25-1.25	1885	Ga	1	3	M.	69-69-69	.65- .65- .65
1868	R. I	190	1	M.	60-60-60	1.33-1.33-1.33	1885	Me	1	16	M.	66-66-66	.70-1.53- .80
1869	Mass	190	3	M.	66-66-66	1.25-1.25-1.25	1885	Md	1	23	M.	66-66-66	.45- .50- .46
1869	R. I	190	1	M.	72-72-72	1.12-1.12-1.12	1885	Mass	1	24	M.	60-60-60	.75-1.25-1.04
1870	Mass	190	3	M.	66-66-66	1.12-1.12-1.12	1885	Mass	7	4	M.	60-60-60	.77- .83- .80
1870	R. I	190	3	M.	72-72-72	1.08-1.25-1.15	1885	Mass	190	2	M.	60-60-60	.81- .81- .81
1871	Mass	190	3	M.	66-66-66	1.33-1.33-1.33	1885	N. H	1	1	M.	65-65-65	.42- .42- .42
1871	R. I	190	3	M.	72-72-72	1.00-1.25-1.11	1885	N. H	7	1	M.	66-66-66	1.50-1.50-1.50
1872	Mass	190	3	M.	66-66-66	1.33-1.33-1.33	1885	N. Y	1	3	M.	66-66-66	1.00-1.00-1.00
1872	R. I	190	3	M.	72-72-72	1.00-1.25-1.11	1885	N. C	1	5	M.	69-69-69	.35- 50- .38
1872	S. C	7	2	M.	72-72-72	.75- .75- .75	1885	Pa	1	6	M.	60-60-60	1.75-1.75-1.75
1873	Mass	190	3	M.	66-66-66	1.33-1.33-1.33	1885	R. I	190	2	M.	72-72-72	1.50-1.50-1.50
1873	R. I	190	3	M.	72-72-72	1.00-1.25-1.17	1885	Tenn	7	6	M.	67-67-67	.30-1.00- .52
1874	Mass	190	3	M.	66-66-66	1.17-1.17-1.17	1885	Vt	1	8	M.	66-66-66	1.10-1.10-1.10
1874	R. I	190	3	M.	72-72-72	.83-1.07- .99	1885	Va	1	1	M.	66-66-66	.94- .94- .94
1875	Mass	190	5	M.	60-60-60	.88-1.07-1.01	1886	Conn	201	1	M.	(a)	.75- .75- .75
1875	R. I	190	3	M.	72-72-72	1.00-1.25-1.17	1886	Mass	190	2	M.	60-60-60	.97- .97- .97
1876	Mass	190	2	M.	60-60-60	.88- .88- .88	1886	N. H	7	12	M.	60-60-60	.50- .92- .81
1876	Pa	382	2	M.	(a)	.50- .50- .50	1886	N. J	325	6	M.	60-60-60	.67- .83- .72
1876	R. I	190	3	M.	72-72-72	1.00-1.25-1.17	1886	Pa	7	1	M.	60-60-60	1.08-1.08-1.08

a Not reported.

b Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILLING CARRIERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 R.I	190	2 M.	60-60-60	1.50-1.50-1.50	1890 N.Y	6	3 M.	60-60-60	0.55-1.25-0.90
1887 Conn	202	1 M.	(a)	1.35-1.35-1.35	1890 N.Y	333	1 M.	(a)	1.00-1.00-1.00
1887 Mass	6	1 M.	(a)	.99- .99- .99	1890 N.C	6	4 M.	69-69-69	.10- .25- .21
1887 Mass	190	2 M.	60-60-60	.97- .97- .97	1890 R.I	6	2 M.	(a)	1.25-1.84-1.55
1887 R.I	190	2 M.	60-60-60	1.65-1.65-1.65	1890 R.I	190	2 M.	60-60-60	1.67-1.67-1.67
1887 R.I	396	1 M.	60-60-60	1.65-1.65-1.65	1890 Tenn	6	6 M.	(a)	.45- .60- .55
1887 Wis	409	2 M.	(a)	1.25-1.25-1.25	1891 Mass	190	2 M.	60-60-60	1.02-1.02-1.02
1887 Germany	6	(a) M.	(a)	.56- .56- .56	1891 N.J	6	2 M.	60-60-60	.50- .67- .59
1888 Conn	6	1 M.	(a)	2.00-2.00-2.00	1891 N.Y	6	1 M.	60-60-60	1.25-1.25-1.25
1888 Ga	6	23 M.	b 66-66-66	.75-1.00- .88	1891 N.Y	333	2 M.	(a)	.60-1.00- .80
1888 Mass	190	2 M.	60-60-60	1.02-1.02-1.02	1891 R.I	190	2 M.	60-60-60	1.65-1.67-1.66
1888 N.J	6	1 M.	(a)	.84- .84- .84	1891 Italy	639	(a) M.	(a)	.09½-.23- —
1888 N.Y	6	2 M.	60-60-60	.63- .75- .69	1892 Me	258	6 M.	60-60-60	.83-1.35-1.03
1888 N.Y	331	2 M.	(a)	.60-1.00- .80	1892 Mass	20	6 M.	58-60-59	.90-1.00- .95
1888 R.I	6	8 M.	c 60-60-60	1.04-1.75-1.36	1892 Mass	190	2 M.	58-58-58	1.02-1.02-1.02
1888 R.I	190	2 M.	60-60-60	1.67-1.67-1.67	1892 R.I	190	2 M.	60-60-60	1.65-1.65-1.65
1888 S.C	6	6 M.	d 66-66-66	.40- .75- .54	1893 Mass	20	5 M.	58-58-58	.90-1.09-1.00
1888 Va	6	31 M.	e 60-60-60	.40- .75- .67	1894 Mass	20	5 M.	58-58-58	.90- .92- .91
1888 Va	6	1 F.	(a)	.75- .75- .75	1894 N.C	8	3 M.	60-60-60	.30- .40- .33
1889 Cal	6	2 M.	(a)	1.35-1.50-1.43	1894 Ohio	375	1 M.	60-60-60	1.25-1.25-1.25
1889 Conn	6	6 M.	f 60-60-60	.75-1.50-1.15	1894 R.I	20	1 M.	60-60-60	1.50-1.50-1.50
1889 Ga	6	10 M.	66-70-67	.67- .80- .72	1894 R.I	401	4 (a)	(a)	.66-1.44-1.02
1889 Me	6	14 M.	f 60-60-60	75-1.35-1.02	1894 S.C	8	4 M.	66-66-66	.40- .40- .40
1889 Md	6	8 M.	(a)	.39- .90- .54	1895 Ala	7	3 M.	63-66-65	.75- .90- .80
1889 Mass	6	41 M.	g 60-60-60	.50-1.15- .98	1895 Ga	7	11 M.	66-66-66	.50- .85- .76
1889 Mass	190	2 M.	60-60-60	1.02-1.02-1.02	1895 Ga	8	16 M.	66-66-66	.40- .90- .78
1889 Miss	6	3 M.	(a)	.50- .60- .57	1895 La	7	13 M.	63-63-63	.40- .67- .47
1889 Mo	6	2 M.	(a)	.60- .67- .64	1895 Mass	7	4 M.	58-58-58	.87-1.35-1.06
1889 N.H	6	60 M.	d 60-60-60	.60-1.50- .98	1895 Mass	20	5 M.	58-58-58	.85- .92- .90
1889 N.Y	6	17 M.	h 60-60-60	.66-1.50-1.05	1895 Miss	7	4 M.	60-60-60	.70- .70- .70
1889 N.Y	6	6 F.	(a)	.60- .60- .60	1895 N.H	7	16 M.	60-60-60	.60-1.20- .96
1889 N.C	6	4 M.	69-69-69	.75- .75- .75	1895 N.H	7	1 F.	60-60-60	1.00-1.00-1.00
1889 R.I	6	2 M.	(a)	1.05-1.15-1.10	1895 N.C	7	3 M.	72-72-72	.50- .50- .50
1889 R.I	190	2 M.	60-60-60	1.67-1.67-1.67	1895 N.C	8	15 M.	66-72-68	.30- .75- .51
1889 S.C	6	1 M.	66-66-66	.75- .75- .75	1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1889 Tenn	6	53 M.	d 66-66-66	.25- .75- .49	1895 R.I	20	1 M.	60-60-60	1.60-1.60-1.60
1889 Tenn	6	4 F.	66-66-66	.50- .60- .55	1895 S.C	7	6 M.	66-66-66	.40- .40- .40
1889 Va	6	6 M.	(a)	.84- .84- .84	1895 S.C	8	4 M.	66-66-66	.40- .40- .40
1889 England	6	(a) M.	66-66-66	.49- .49- .49	1895 Tenn	7	9 M.	66-67-66	.30-1.25- .63
1889 England	6	(a) F.	57-57-57	.49- .49- .49	1895 Tenn	7	6 F.	67-67-67	.25- .68- .39
1890 Ala	6	20 M.	i 63-69-66	.38-1.00- .66	1895 Va	7	1 M.	60-60-60	.56- .56- .56
1890 Conn	6	2 M.	(a)	1.25-1.25-1.25	1896 Ga	7	19 M.	66-66-66	.65-1.00- .83
1890 Ky	6	1 (a)	66-66-66	.75- .75- .75	1896 Ga	8	2 M.	66-66-66	.25- .25- .25
1890 La	6	46 M.	(a)	.45- .70- .51	1896 Ky	7	2 M.	60-60-60	1.08-1.08-1.08
1890 La	6	7 F.	(a)	.45- .55- .49	1896 N.H	7	10 M.	60-60-60	.65-1.40-1.04
1890 Me	6	3 M.	(a)	.70- .75- .73	1896 N.C	7	1 M.	69-69-69	.80- .80- .80
1890 Mass	6	1 M.	(a)	1.47-1.47-1.47	1896 Ohio	377	1 M.	60-60-60	1.25-1.25-1.25
1890 Mass	190	2 M.	60-60-60	1.02-1.02-1.02	1896 Pa	7	2 M.	60-60-60	.50-1.00- .75
1890 Miss	6	4 M.	j 66-66-66	.35- .75- .54	1896 Pa	394	1 M.	60-60-60	1.16-1.16-1.16
1890 Mo	6	2 M.	(a)	1.00-1.75-1.38	1896 S.C	7	6 M.	66-66-66	.50- .80- .73
1890 N.H	6	2 M.	60-60-60	1.35-1.35-1.35	1897 Ga	8	2 M.	66-66-66	.75- .75- .75
1890 N.J	6	1 M.	60-60-60	1.00-1.00-1.00					

FILLING HANDS, CLOTHING.

1886 N.Y	7	2 F.	60-60-60	.33- .50- .42	1896 N.Y	7	15 F.	60-60-60	.50- .83- .78

FILTERERS, DISTILLERY.

1884 Germany	556	(a)	(a)	48-48-48	.79- .79- .79	1894 France	129	(a)	M.	(a)	1.20-1.25- —
1891 France	505	(a)	M.	66-66-66	1.21-1.25- —						

a Not reported.
b Not including hours of 11 persons not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 28 persons not reported.
f Not including hours of 4 persons not reported.
g Not including hours of 12 persons not reported.
h Not including hours of 8 persons not reported.
i Not including hours of 17 persons not reported.
j Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FILTERERS, SUGAR.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 England	566	(a) M.	60-60-60	0.71-0.71-0.71
1866 Scotland	566	(a) M.	60-60-60	.69- .69- .69
1877 England	570	(a) M.	b72-72-72	1.05-1.09- —
1884 Germany	178	(a) M.	72-72-72	0.36-0.38- —
1892 France	505	(a) M.	60-60-60	.97- .97- .97

FINISHERS, AGRICULTURAL IMPLEMENTS.

1876	Pa	381	3	M.	(a)	2.25-2.25-2.25	1893	Ohio	374	51	M.	54-60-59	1.25-1.50-1.28
1883	Gr't Brit	273	(a)	M.	(a)	1.54-1.62- —	1894	Ohio	375	26	M.	c54-54-54	1.15-2.10-1.84
1885	N. Y.	1	4	M.	66-60-60	1.60-2.40-1.80	1895	N. Y.	8	1	M.	60-60-60	1.50-1.50-1.50
1888	N. Y.	331	22	M.	48-60-54	1.23-2.00-1.93	1895	Ohio	376	26	M.	54-54-54	1.90-1.90-1.90
1890	N. Y.	333	29	M.	(a)	1.25-1.75-1.29	1896	Mass	8	4	M.	60-60-60	1.00-1.50-1.25
1891	N. Y.	333	18	M.	(a)	1.25-2.00-1.40	1896	Ohio	377	37	M.	54-60-55	1.30-2.83-1.57

FINISHERS, AWNINGS, TENTS, FLAGS, AND SAILS.

1885	Md	7	5	F.	60-60-60	.50- .50- .50	1894	N. Y.	8	1	F.	60-60-60	.50- .50- .50
1890	N. Y.	333	10	M.	(a)	.67- .83- .75	1894	Ohio	375	1	M.	60-60-60	2.00-2.00-2.00
1891	N. Y.	333	10	M.	(a)	.67- .83- .75	1895	Md	7	4	F.	60-60-60	.50- .50- .50
1893	Ohio	374	1	M.	60-60-60	2.00-2.00-2.00	1897	Nebr	314	3	M.	(a)	1.00-1.00-1.00

FINISHERS, BOOKBINDERY.

1856	N. Y.	8	3	M.	60-60-60	2.50-2.50-2.50	1884	Pa	7	2	M.	59-59-59	2.50-2.50-2.50
1857	N. Y.	190	4	(a)	60-60-60	1.33-1.67-1.48	1884	England	178	(a)	M.	54-54-54	1.62-2.03- —
1858	N. Y.	190	5	(a)	60-60-60	1.33-1.67-1.45	1884	Wales	178	(a)	M.	(a)	1.30-1.30-1.30
1859	N. Y.	190	4	(a)	60-60-60	1.33-1.67-1.48	1885	Ill.	7	5	M.	59-60-60	2.08-3.00-2.47
1860	N. Y.	8	2	M.	60-60-60	2.00-2.00-2.00	1885	Mass	7	13	M.	55-59-58	1.50-3.76-2.95
1860	N. Y.	190	3	(a)	60-60-60	1.42-1.67-1.53	1885	N. Y.	7	13	M.	59-60-59	1.00-4.00-2.90
1861	N. Y.	190	4	(a)	60-60-60	1.00-1.67-1.40	1885	S. C	7	2	M.	59-59-59	2.83-2.83-2.83
1862	N. Y.	190	4	(a)	60-60-60	1.06-1.67-1.40	1885	Va	7	12	M.	58-59-58	2.00-3.00-2.75
1862	Pa	8	1	M.	60-60-60	3.50-3.50-3.50	1886	Iowa	7	1	M.	60-60-60	3.00-3.00-3.00
1863	N. Y.	190	3	(a)	60-60-60	1.42-1.67-1.53	1886	Mich.	7	10	M.	59-60-59	1.50-2.50-1.88
1864	N. Y.	190	4	(a)	60-60-60	1.47-2.33-1.87	1886	Pa	7	1	M.	60-60-60	3.50-3.50-3.50
1865	N. Y.	190	4	(a)	60-60-60	1.63-2.67-2.08	1886	Canada	468	(a)	M.	57-57-57	2.37-2.37-2.37
1866	N. Y.	190	3	(a)	60-60-60	1.63-2.00-1.88	1886	C. of G'd H.	483	(a)	(a)	(a)	4.87-4.87-4.87
1867	N. Y.	190	3	(a)	60-60-60	1.63-2.00-1.88	1887	Wis	409	7	(a)	(a)	2.81-2.81-2.81
1868	N. Y.	190	3	(a)	60-60-60	1.83-2.50-2.28	1888	N. Y.	331	10	M.	d58-60-59	.83-3.00-2.30
1869	N. Y.	190	3	(a)	59-59-59	1.83-2.50-2.28	1888	Canada	470	(a)	M.	55-55-55	2.04-2.04-2.04
1870	N. Y.	190	3	(a)	59-59-59	1.83-2.50-2.28	1888	C. of G'd H.	483	(a)	(a)	(a)	1.52-1.52-1.52
1871	N. Y.	190	2	(a)	59-59-59	2.50-2.50-2.50	1889	N. Y.	190	1	(a)	59-59-59	2.50-2.50-2.50
1871	England	629	(a)	(a)	(a)	1.62-1.62-1.62	1890	Ill.	19	1	M.	(a)	2.00-2.00-2.00
1872	N. Y.	190	1	(a)	59-59-59	2.50-2.50-2.50	1890	Mass	8	3	M.	60-60-60	3.00-3.00-3.00
1872	England	185	(a)	(a)	55-55-55	1.45-1.45-1.45	1890	N. Y.	190	1	(a)	59-59-59	2.50-2.50-2.50
1874	Ill.	185	2	(a)	59-59-59	3.00-4.00-3.50	1890	N. Y.	333	69	M.	(a)	.71-4.33-2.75
1874	R. I	7	2	M.	60-60-60	3.00-3.33-3.17	1891	Ill.	19	3	M.	(a)	2.00-3.00-2.50
1875	Va	7	1	M.	(a)	2.67-2.67-2.67	1891	N. Y.	190	1	(a)	59-59-59	2.50-2.50-2.50
1876	Pa.	8	2	M.	60-60-60	3.00-3.00-3.00	1891	N. Y.	333	70	M.	(a)	.71-4.33-2.78
1878	England	177	(a)	M.	54-54-54	1.54-1.54-1.54	1891	Ohio	372	3	M.	59-60-60	3.00-3.00-3.00
1880	Pa	7	9	M.	60-60-60	1.67-2.67-2.37	1891	France	505	(a)	M.	60-60-60	1.35-1.74- —
1880	R. I	7	2	M.	59-59-59	3.00-3.00-3.00	1892	Cal.	196	3	M.	48-48-48	.67-4.00-2.56
1880	Scotland	571	(a)	M.	54-54-54	1.50-1.50-1.50	1892	Ill.	19	3	M.	59-59-59	2.00-3.00-2.50
1881	Pa	7	1	M.	59-59-59	1.67-1.67-1.67	1892	Australia	424	(a)	(a)	(a)	2.03-2.43- —
1882	Mass	7	5	M.	59-59-59	1.83-3.59-2.60	1892	C. of G'd H.	486	(a)	M.	(a)	4.06-4.06-4.06
1883	Mass	273	20	M.	(a)	1.33-4.00-3.30	1892	England	632	(a)	M.	53-54 —	1.30-1.95- —
1883	Mass	273	2	(a)	(a)	.75- .92- .84	1893	Ill.	19	3	M.	59-59-59	2.00-3.00-2.50
1883	Mo	7	1	M.	53-53-53	2.92-2.92-2.92	1893	Ill.	19	1	F.	59-59-59	2.50-2.50-2.50
1883	N. J	322	1	M.	60-60-60	3.00-3.00-3.00	1893	Ohio	374	13	M.	54-60-60	2.00-3.50-2.71
1883	Australia	174	(a)	(a)	(a)	2.03-2.43- —	1893	England	578	(a)	(a)	48-48-48	1.46-1.46-1.46
1883	Gr't Brit	273	(a)	M.	(a)	1.14-1.54- —	1894	N. H.	316	1	M.	59-59-59	2.67-2.67-2.67
1884	Mich	278	2	M.	(a)	2.00-3.50-2.75	1894	Ohio	375	11	M.	54-60-59	1.50-3.08-2.45

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 7 persons not reported.
d Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, BOOKBINDERY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Australia	425	(a)	(a)	(a)	2.11-3.24- —
1895 Conn	7	1	M.	59-59-59	3.25-3.25-3.25
1895 Mass	7	29	M.	41-59-57	1.67-3.89-2.76
1895 Mo	7	1	M.	53-53-53	3.17-3.17-3.17
1895 N.Y	7	20	M.	58-59-59	2.00-4.00-3.21
1895 N.Y	8	1	M.	60-60-60	2.50-2.50-2.50
1895 Ohio	376	12	M.	b57-60-60	2.00-3.00-2.55
1895 Pa	8	4	M.	60-60-60	2.66-3.00-2.83
1895 R. I	7	4	M.	59-59-59	2.50-3.50-3.00
1895 S. C	7	2	M.	59-59-59	2.83-2.83-2.83
1895 Va	7	8	M.	57-59-58	2.50-3.00-2.94
1895 Australia	426	(a)	(a)	(a)	2.11-3.24- —
1896 Ill	7	5	M.	51-59-56	2.50-3.17-2.93
1896 Iowa	7	2	M.	60-60-60	2.50-2.50-2.50
1896 Mich	7	19	M.	48-59-57	1.25-2.50-1.80
1896 Ohio	377	24	M.	54-60-59	2.36-3.00-2.47
1896 Pa	7	11	M.	59-60-60	2.00-3.25-2.63
1896 Australia	427	(a)	(a)	(a)	2.11-3.24- —
1897 Australia	428	(a)	(a)	(a)	.81-2.84- —
1898 Australia	428	(a)	(a)	(a)	.81-2.84- —
1899 Mass	18	6	M.	55-55-55	3.00-3.00-3.00
1900 Mass	18	5	M.	55-55-55	3.00-3.33-3.07

FINISHERS, BOOTS AND SHOES.

1866 England	566	(a)	M.	66-66-66	1.22-1.22-1.22
(c) England	567	(a)	M.	72-72-72	1.30-1.30-1.30
1871 England	568	(a)	M.	72-72-72	1.30-1.30-1.30
1871 England	629	(a)	(a)	d59-59-59	.85-1.62- —
1871 Scotland	629	(a)	(a)	(a)	1.05-1.05-1.05
1872 England	185	(a)	M.	72-72-72	1.29-1.29-1.29
1875 Mass	270	3	M.	(a)	1.59-2.37-2.11
1875 Mass	270	6	F.	(a)	1.00-1.29-1.24
1877 Ohio	359	6	M.	(a)	.83-3.00-1.19
1877 England	570	(a)	M.	(a)	1.14-1.14-1.14
1879 N.J	318	1	(a)	59-59-59	1.50-1.50-1.50
1879 Pa	384	12	M.	60-60-60	1.75-2.09-2.01
1880 Ohio	7	1	M.	(a)	1.60-1.60-1.60
1880 England	571	(a)	M.	56-56-56	.49-1.22- —
1881 N.J	320	4	M.	e60-60-60	1.00-2.10-1.83
1882 Mo	294	1	M.	60-60-60	2.00-2.00-2.00
1882 Ohio	364	41	(a)	57-60-59	1.67-3.00-2.54
1883 Mass	273	12	M.	(a)	2.17-2.33-2.24
1883 N.J	322	52	M.	60-60-60	1.67-3.00-2.16
1883 England	572	(a)	M.	54-54-54	1.01-1.22- —
1884 N.J	7	10	M.	(a)	1.83-4.17-2.28
1884 N.J	323	142	M.	60-60-60	1.17-3.33-2.41
1884 N.Y	2	44	M.	58-58-58	2.50-3.25-2.88
1884 Pa	7	1	M.	60-60-60	1.03-1.03-1.03
1884 Canada	178	(a)	(a)	60-60-60	1.17-2.50- —
1884 Canada	466	(a)	M.	59-59-59	1.30-1.30-1.30
1884 Canada	466	(a)	F.	59-59-59	.59- .59- .59
1884 Germany	556	(a)	(a)	(a)	.24- .24- .24
1885 Cal	1	11	M.	60-60-60	1.25-2.50-2.16
1885 Ill	1	6	M.	60-60-60	2.67-2.67-2.67
1885 Me	7	23	M.	(a)	.54-2.58-1.72
1885 Md	1	28	M.	60-60-60	.83-1.67- .86
1885 Mass	1	113	M.	48-60-60	.62-2.75-1.97
1885 Mass	1	39	F.	60-60-60	.67-1.87-1.52
1885 Mass	2	16	(a)	59-59-59	2.00-2.00-2.00
1885 Mass	7	1	M.	60-60-60	4.17-4.17-4.17
1885 Mo	7	1	M.	59-59-59	2.00-2.00-2.00
1885 N.J	7	1	M.	(a)	2.67-2.67-2.67
1885 N.J	324	150	M.	f54-60-59	1.00-3.33-2.00
1885 N.Y	1	9	F.	60-60-60	.80- .82- .81
1885 N.Y	7	2	M.	59-59-59	1.92-2.05-1.99
1885 Pa	1	46	M.	60-60-60	2.20-2.80-2.52
1885 Canada	467	(a)	M.	57-57-57	1.70-1.76- —
1886 Ill	208	127	(a)	(a)	2.50-2.50-2.50
1886 Mass	2	30	M.	60-60-60	2.00-2.00-2.00
1886 Mo	3	1	F.	59-59-59	.67- .67- .67
1886 N.J	3	2	F.	54-59-57	.92-1.17-1.05
1886 N.J	325	4	M.	60-60-60	2.25-3.33-2.77
1886 N.J	325	2	F.	60-60-60	.67- .75- .71
1886 N.Y	7	8	M.	59-60-60	1.23-3.85-2.47
1886 Canada	468	(a)	M.	60-60-60	1.31-1.33- —
1886 England	604	(a)	M.	(a)	1.09-1.30- —
1886 Scotland	604	(a)	M.	(a)	1.04-1.04-1.04
1887 Cal	3	4	F.	48-56-54	.67-1.17- .94
1887 Me	253	2	M.	48-60-54	1.00-1.50-1.25
1887 Mass	3	1	F.	53-53-53	.75- .75- .75
1887 Minn	3	2	F.	59-60-60	.46- .83- .65
1887 Ohio	3	1	F.	56-56-56	.58- .58- .58
1887 Wis	409	6	(a)	(a)	2.12-2.12-2.12
1887 Canada	469	(a)	M.	57-57-57	1.33-1.48- —
1887 England	599	(a)	M.	(a)	.73- .73- .73
1888 Cal	3	1	F.	50-50-50	1.00-1.00-1.00
1888 Cal	194	6	F.	57-57-57	.58-1.17- .94
1888 N.J	326	5	M.	b48-60-56	2.00-3.00-2.44
1888 N.Y	331	91	M.	g44-61-57	1.25-3.33-2.56
1888 Canada	470	(a)	M.	60-60-60	1.33-1.33-1.33
1889 Canada	471	(a)	M.	57-58 —	1.62-1.73- —
1889 England	275	(a)	M.	(a)	.72- .72- .72
1890 N.Y	333	173	M.	(a)	.65-3.83-1.76
1890 Australia	423	(a)	(a)	50-50-50	1.62-2.43- —
1891 Me	257	7	M.	60-60-60	1.50-2.50-1.87
1891 N.Y	333	157	M.	(a)	.65-3.83-1.79
1891 Ohio	372	160	M.	57-60-60	1.25-2.50-1.84
1891 France	505	(a)	M.	66-66-66	.87-1.25- —
1892 Cal	196	12	M.	b57-60-59	1.17-4.00-2.51
1892 Cal	196	1	F.	60-60-60	.75- .75- .75
1892 Australia	4.4	(a)	(a)	(a)	1.01-2.43- —
1892 C. of G'd H	486	(a)	M.	(a)	1.22-2.84- —
1892 England	632	(a)	(a)	55-55-55	1.05-1.05-1.05
1892 France	505	(a)	M.	63-78 —	.48-1.83- —
1892 France	505	(a)	F.	63-66 —	.19- .68- —
1893 N.Y	10	4	M.	58-60-59	1.25-3.33-2.19
1893 Ohio	374	228	M.	h42-60-58	.88-4.00-1.94
1893 England	583	(a)	M.	(a)	1.10-1.10-1.10
1893 France	507	(a)	(a)	60-60-60	.77-1.16- —
1893 N. Zealand	668	(a)	M.	44-45 —	.81-2.03- —
1894 Me	260	1	M.	60-60-60	2.16-2.16-2.16
1894 N.H	316	4	M.	53-60-58	1.67-2.25-1.92
1894 Ohio	375	232	M.	e60-60-60	.90-2.75-1.59
1894 Ohio	375	2	F.	54-54-54	.65- .65- .65
1894 Australia	425	(a)	(a)	(a)	1.22-2.43- —
1894 England	590	(a)	M.	(a)	1.14-1.22- —
1894 England	608	(a)	(a)	(a)	1.22-1.30- —
1894 France	508	(a)	M.	(a)	.58-1.06- —
1895 Me	7	37	M.	60-60-60	.67-2.35-1.48
1895 Me	7	5	F.	60-60-60	.75- .83- .80
1895 Mass	7	1	M.	55-55-55	4.17-4.17-4.17
1895 Mass	8	1	M.	60-60-60	3.11-3.11-3.11
1895 Mo	7	1	M.	59-59-59	2.00-2.00-2.00
1895 Mo	304	57	M.	(a)	.42-3.00-1.46

a Not reported.
b Not including hours of 2 persons not reported.
c Average for 1867–68.
d Applies to but 2 of the 5 wage quotations.
e Not including hours of 3 persons not reported.
f Not including hours of 50 persons not reported.
g Not including hours of 8 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, BOOTS AND SHOES—Concluded.

Year	Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1895	N. J	7	16	M.	a54-60-58	2.00-2.67-2.22
1895	N. Y.	7	3	M.	59-59-59	1.72-2.04-1.86
1895	N. Y.	8	1	M.	60-60-60	2.50-2.50-2.50
1895	Ohio	376	213	M.	b48-60-59	1.00-2.50-1.81
1895	Australia	426	(c)	(c)	(c)	1.22-2.43- —
1895	France	509	(c)	(c)	60-60-60	.72- .77- —
1895	Ireland	591	(c)	M.	(c)	1.05-1.05-1.05
1896	Mo	305	266	M.	54-60-60	1.00-3.00-2.11
1896	Mo	305	157	F.	60-60-60	.42-1.75-1.28
1896	N. Y.	7	20	M.	59-60-59	.88-4.39-2.75
1896	Ohio	7	1	M.	60-60-60	1.73-1.73-1.73
1896	Ohio	377	209	M.	59-60-59	.88-1.91-1.78
1896	Pa	7	1	M.	60-60-60	1.43-1.43-1.43
1896	Australia	427	(c)	(c)	(c)	1.01-2.03- —
1896	Australia	678	(c)	(c)	(c)	2.43-2.43-2.43
1896	France	510	(c)	M.	d60-72 —	.68-1.25- —
1896	France	510	(c)	F.	e60-60-60	.29- .49- —
1897	Va	404	2	M.	60-60-60	1.00-1.00-1.00
1897	Va	404	1	F.	60-60-60	.90- .90- .90
1897	Australia	428	(c)	M.	(c)	.49-2.03- —
1898	N. J	329	14	M.	60-60-60	2.33-2.50-2.39
1898	Australia	429	(c)	M.	(c)	.81-2.03- —
1898	France	512	(c)	M.	66-72 —	.55-1.19- —
1898	N. Zealand	680	(c)	(c)	48-48-48	1.62-1.62-1.62
1899	Mass	18	45	M.	58-58-58	2.92-2.92-2.92
1900	Mass	18	57	M.	58-58-58	3.15-3.15-3.15

FINISHERS, BOTTOM, BOOTS AND SHOES.

Year	Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875	Mass	270	11	M.	(c)	1.92-1.92-1.92
1879	Pa	7	7	M.	57-57-57	.67-1.49-1.02
1881	Mass	7	2	M.	60-60-60	1.25-1.92-1.59
1883	Mass	273	231	M.	(c)	1.33-4.55-2.41
1883	Mass	273	18	F.	(c)	.75- .75- .75
1885	Cal.	1	4	M.	60-60-60	1.37-2.00-1.53
1885	Mass	7	5	M.	60-60-60	1.94-2.75-2.32
1885	N. J	324	1	M.	60-60-60	2.00-2.00-2.00
1885	N. Y.	1	26	M.	f60-60-60	1.00-2.00-1.68
1885	Ohio	7	21	M.	59-60-60	1.50-2.33-1.81
1886	N. J	325	82	M.	60-60-60	1.50-3.33-2.18
1887	Wis	409	16	(c)	(c)	2.16-2.16-2.16
1888	N. Y.	331	174	M.	g47-60-55	1.67-4.17-2.64
1891	Me	257	192	M.	h60-60-60	1.39-3.65-1.49
1894	N. Y.	8	2	M.	60-60-60	1.67-2.00-1.84
1895	Mass	7	2	M.	58-58-58	1.45-1.93-1.69
1895	Mass	8	8	M.	f54-60-59	1.00-2.50-2.06
1895	N. Y.	8	2	M.	60-60-60	2.00-2.33-2.17
1896	Ohio	7	60	M.	59-60-60	1.67-2.50-2.02
1896	Pa	7	4	M.	59-59-59	1.17-2.17-1.75

FINISHERS, BRAID AND EMBROIDERY.

Year	Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1872	Germany	185	(c)	M.	72-72-72	.36- .36- .36
1886	Pa	3	5	F.	58-60-59	.83-1.00- .92
1887	N. Y.	3	4	F.	55-56-55	.58-1.28- .89
1888	N. Y.	331	48	M.	59-59-59	1.08-1.08-1.08
1890	N. Y.	333	15	M.	(c)	1.00-3.00-1.98
1890	N. Y.	333	78	F.	(c)	.75-1.17- .98
1891	N. Y.	333	52	M.	(c)	.83-3.00-1.14
1891	N. Y.	333	42	F.	(c)	1.00-1.25-1.15
1891	France	505	(c)	F.	60-60-60	.63- .68- —
1892	Ill	210	16	F.	52-56-53	.41-1.37- .77
1895	N. Y.	341	12	M.	49-49-49	1.33-2.17-1.74
1896	France	505	(c)	F.	60-60-60	.39- .64- —

FINISHERS, BRICK, TILE, AND SEWER PIPE.

Year	Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1832	Ohio	8	2	M.	60-60-60	.80- .80- .80
1892	Ind	227	6	F.	54-54-54	.71- .71- .71
1892	England	111	(c)	F.	(c)	.49- .49- .49
1893	Ohio	374	4	M.	60-60-60	1.44-1.44-1.44
1894	Ohio	375	32	M.	54-54-54	1.49-1.49-1.49
1896	Ohio	8	6	M.	60-60-60	1.75-1.75-1.75
1896	Pa	8	4	M.	60-60-60	2.00-3.00-2.50

FINISHERS, BROOMS.

Year	Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1881	N. Y.	8	1	M.	54-54-54	1.67-1.67-1.67
1881	Ohio	363	1	M.	60-60-60	1.50-1.50-1.50
1888	N. Y.	331	4	M.	(c)	1.00-1.00-1.00
1890	N. Y.	333	4	M.	(c)	1.25-1.25-1.25
1891	N. Y.	333	3	M.	(c)	1.25-1.25-1.25
1895	N. Y.	8	1	M.	60-60-60	.75- .75- .75
1895	N. Y.	8	1	F.	60-60-60	.75- .75- .75
1896	Mo	305	9	M.	54-54-54	1.25-1.25-1.25

a Not including hours of 10 persons not reported.
b Not including hours of 3 persons not reported.
c Not reported.
d Applies to but 5 of the 6 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 1 person not reported.
g Not including hours of 9 persons not reported.
h Not including hours of 191 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, BRUSHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	629	(a) (a)	(a)	1.14-1.14-1.14	1890 N. Y.....	333	77 M.	(a)	1.00-2.50-1.70
1882 Ohio	364	4 (a)	56-56-56	1.83-1.83-1.83	1891 Mich.....	283	1 F.	(a)	.67- .67- .67
1883 N. Y	8	2 M.	60-60-60	1.50-2.50-2.00	1891 N. Y.....	333	61 M.	(a)	1.00-2.50-1.74
1884 N. J	323	1 M.	60-60-60	2.25-2.25-2.25	1893 N. Y.....	8	6 M.	60-60-60	1.75-1.75-1.75
1885 Md.....	7	10 M.	60-60-60	1.08-1.71-1.41	1894 N. Y.....	8	2 M.	60-60-60	1.50-1.50-1.50
1885 N. J	7	36 M.	59-59-59	.50-1.17- .89	1895 Conn.....	8	7 M.	60-60-60	1.67-1.75-1.74
1885 N. J	7	1 F.	48-48-48	.83- .83- .83	1895 Conn.....	8	1 F.	60-60-60	1.00-1.00-1.00
1885 N. J	324	1 M.	60-60-60	2.25-2.25-2.25	1895 N. Y.....	7	30 M.	59-59-59	.42-1.17- .77
1885 N. Y.....	7	4 M.	59-59-59	.50- .50- .50	1895 N. Y.....	7	36 F.	59-59-59	.42-1.17- .73
1885 N. Y.....	7	7 F.	59-59-59	.50- .58- .54	1895 N. Y.....	8	12 M.	60-60-60	1.50-2.50-1.73
1886 Mich.....	7	1 M.	48-48-48	1.50-1.50-1.50	1896 Md.....	7	14 M.	60-60-60	1.04-1.67-1.26
1887 Mass	3	3 F.	60-60-60	.71-1.00- .82	1896 Md.....	7	12 F.	60-60-60	.67- .92- .79
1887 N. Y.....	3	2 F.	59-59-59	.50- .67- .59	1896 Mich.....	7	1 M.	59-59-59	1.50-1.50-1.50
1888 N. Y	331	7 M.	b 59-59-59	1.17-2.50-1.79					

FINISHERS, BUTTONS.

1883 N. J	322	3 F.	60-60-60	.83-1.17-1.00	1893 N. J	327	25 F.	55-55-55	1.17-1.50-1.32
1890 N. Y.....	333	11 M.	(a)	.75-1.17- .98	1895 Pa	8	1 M.	60-60-60	1.25-1.25-1.25
1891 N. Y.....	333	35 M.	(a)	1.00-1.50-1.29					

FINISHERS, CARRIAGES AND WAGONS.

1863 N. J	8	2 M.	60-60-60	1.50-1.50-1.50	1890 N. Y.....	333	31 M.	(a)	1.00-2.59-1.44
1872 Ohio	361	1 M.	(a)	2.00-2.00-2.00	1891 N. Y.....	333	58 M.	(a)	1.00-2.59-1.44
1874 Canada ...	185	(a) M.	60-60-60	2.00-2.00-2.00	1891 Ohio	372	50 M.	42-60-53	1.75-3.00-2.04
1879 Ohio	361	1 M.	(a)	1.33-1.33-1.33	1892 Ind	227	22 M.	54-60-59	1.43-1.66-1.57
1879 Pa	384	7 (a)	60-60-60	1.35-2.50-2.10	1893 Md.....	10	1 M.	60-60-60	1.67-1.67-1.67
1881 Ohio	363	20 M.	60-60-60	1.25-1.54-1.41	1893 Ohio	374	7 M.	48-60-57	1.60-2.00-1.77
1882 N. J	321	2 M.	(a)	2.00-2.00-2.00	1894 Ind	228	3 M.	56-56-56	1.83-1.83-1.83
1883 N. J	322	4 M.	60-60-60	1.50-2.00-1.58	1894 N. Y.....	8	11 M.	60-60-60	1.25-3.00-2.02
1884 Mich	278	1 M.	(a)	1.05-1.05-1.05	1894 Ohio	375	53 M.	48-60-58	.94-1.75-1.41
1884 N. J	323	3 M.	60-60-60	2.00-2.50-2.17	1895 N. Y.....	8	13 M.	60-60-60	1.25-2.50-2.05
1884 England ..	178	(a) M.	(a)	1.14-1.30- —	1895 N. Y.....	8	1 F.	60-60-60	.85- .85- .85
1885 Conn.....	1	5 M.	60-60-60	2.50-2.50-2.50	1895 Ohio	376	28 M.	c48-60-59	.87-2.25-1.57
1885 Ill.....	1	6 M.	60-60-60	1.60-1.60-1.60	1896 Mich.....	288	39 M.	60-60-60	.85-2.50-1.62
1885 N. J	324	5 M.	60-60-60	2.00-3.00-2.33	1896 N. Y.....	8	2 M.	60-60-60	3.00-3.00-3.00
1885 Ohio	1	27 M.	60-60-60	1.30-1.80-1.39	1896 Ohio	377	34 M.	48-60-53	1.04-1.70-1.46
1888 Canada ...	470	(a) M.	60-60-60	1.34-1.34-1.34	1897 Pa	8	1 M.	60-60-60	1.75-1.75-1.75
1890 Mich.....	282	24 M.	60-60-60	.33-2.50-1.48					

FINISHERS, CARRIAGE SPOKES.

1872 Ohio	361	1 M.	(a)	1.67-1.67-1.67	1894 Ind	228	1 M.	60-60-60	1.75-1.75-1.75
1879 Ohio	361	1 M.	(a)	1.50-1.50-1.50	1894 Ohio	375	2 M.	d60-60-60	1.66-2.00-1.83
1882 Ohio	364	61 (a)	60-60-60	1.00-2.00-1.62	1895 Ohio	376	5 M.	b 54-60-58	1.00-1.50-1.36
1884 N. J	323	17 M.	60-60-60	1.58-1.83-1.75	1896 N. Y.....	8	1 M.	60-60-60	2.50-2.50-2.50
1887 Ohio	369	26 M.	60-60-60	1.50-1.75-1.68	1896 Ohio	377	2 M.	54-54-54	1.00-2.00-1.50
1893 Ohio	374	1 M.	60-60-60	2.00-2.00-2.00					

FINISHERS, CARRIAGE WHEELS.

1882 Ohio	364	45 (a)	60-60-60	1.66-2.50-1.99	1890 Mich.....	282	11 M.	60-60-60	1.33-2.25-1.64
1883 Ohio	2	44 M.	66-66-66	2.16-2.38-2.27	1893 Ohio	374	28 M.	54-60-58	1.80-2.00-1.86
1886 Ohio	2	8 M.	60-60-60	2.08-2.12-2.10	1894 Ind	228	1 M.	48-48-48	1.25-1.25-1.25
1887 Ohio	369	32 M.	60-72-61	1.25-1.50-1.48	1894 Ohio	375	8 M.	54-54-54	2.00-2.00-2.00
1888 N. Y.....	331	3 M.	59-59-59	2.17-2.17-2.17	1896 N. Y.....	8	1 M.	60-60-60	2.75-2.75-2.75

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, CELLULOID GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. J	7	28	M.	59-59-59	1.75-2.50-2.15	1895 N. J	7	31	M.	55-55-55	1.67-2.50-2.05

FINISHERS, CHEMICALS.

1886 N. Y	3	5	F.	49-49-49	.83-1.67-1.10	1894 Ohio	375	1	M.	(a)	1.67-1.67-1.67
1891 Mich	283	1	F.	(a)	.58- .58- .58	1895 Ohio	376	1	M.	(a)	1.67-1.67-1.67
1892 England	632	(a)	(a)	62-78 —	1.46-1.94- —	1896 Ohio	377	1	M.	(a)	1.67-1.67-1.67

FINISHERS, CIGAR BOXES.

1882 W. Va	7	3	F.	59-59-59	.67- .67- .67	1893 Ohio	374	11	F.	57-57-57	.61- .61- .61
1886 Cal	193	21	F.	60-60-60	1.25-1.25-1.25	1895 Mo	304	5	F.	(a)	.42- .50- .45
1886 N. Y	7	1	M.	60-60-60	.83- .83- .83	1895 N. Y	8	2	M.	60-60-60	.67- .67- .67
1887 N. Y	3	1	F.	60-60-60	.92- .92- .92	1896 N. Y	7	1	M.	60-60-60	.42- .42- .42
1887 Ohio	3	4	F.	53-53-53	.55-1.08- .85	1896 W. Va	7	7	F.	59-59-59	.75-1.00- .85
1891 N. Y	333	1	M.	(a)	2.50-2.50-2.50						

FINISHERS, CLOCKS.

1887 Conn	202	116	M.	(a)	.85-2.21-2.15	1890 N. Y	333	2	M.	(a)	1.50-2.00-1.75
1887 Conn	202	96	F.	(a)	.78-1.18-1.13	1891 N. Y	333	2	M.	(a)	1.50-2.00-1.75

FINISHERS, CLOTHING (NOT SPECIFIED).

1874 Canada	185	(a)	(a)	(a)	1.50-2.50- —	1888 Va	3	1	F.	56-56-56	.58- .58- .58
1880 Ga	7	3	F.	(a)	.92-1.08-1.00	1890 N. Y	333	286	M.	(a)	.29-2.00- .96
1880 Pa	7	6	F.	60-60-60	.92- .92- .92	1890 N. Y	333	27	F.	(a)	.33- .92- .61
1883 Mass	273	314	F.	(a)	.25-1.17- .74	1890 Australia	423	(a)	F.	48-48-48	.51-1.01- —
1884 N. Y	3	1	F.	(a)	.50- .50- .50	1890 Australia	423	(a)	(a)	48-48-48	.73-1.62- —
1884 Canada	178	(a)	F.	60-60-60	.50-1.00- —	1891 Mich	283	39	F.	(a)	.83-2.17- .96
1885 Ill	7	8	F.	(a)	.83-1.08- .94	1891 N. Y	333	332	M.	(a)	.58-2.17-1.07
1885 N. J	7	3	M.	40-40-40	1.17-2.00-1.61	1891 N. Y	333	28	F.	(a)	.33-1.00- .63
1885 N. J	7	6	F.	40-40-40	.33-1.25- .72	1892 Ill	210	22	F.	(a)	.13- .50- .28
1885 N. Y	7	67	F.	b 60-60-60	.42-1.35- .94	1893 Ill	10	2	M.	48-48-48	.50-1.00- .75
1885 Va	1	4	M.	60-60-60	2.50-2.50-2.50	1893 Ill	10	3	F.	48-60-52	.17-2.00- .85
1885 Va	1	53	F.	60-60-60	.50- .75- .63	1893 Mo	302	5	M.	c 84-84-84	1.00-1.83-1.40
1885 Wis	7	2	F.	60-60-60	.53- .56- .55	1893 N. Y	10	4	M.	60-60-60	.25- .25- .25
1886 Ill	208	214	(a)	54-54-54	1.00-1.00-1.00	1893 N. Y	10	3	F.	59-72-63	.17-1.33- .83
1886 Mo	3	1	F.	59-59-59	.75- .75- 75	1893 Ohio	374	31	F.	57-57-57	.75-1.00- .95
1886 N. J	3	4	F.	53-59-56	.63-1.33- 86	1893 Pa	10	7	F.	50-60-57	.50-1.50- .83
1886 N. Y	3	4	F.	c 59-59-59	.42-1.00- .59	1893 England	608	(a)	F.	e 63-63-63	.49- .97- —
1886 Pa	3	16	F.	43-60-53	.54-2.67-1.08	1893 Ireland	632	(a)	F.	f 51-51-51	.12- .49- —
1886 Pa	7	2	F.	(a)	.49- .50- 50	1893 Scotland	632	(a)	F.	(a)	.61- .61- .61
1886 R. I	3	2	F.	61-61-61	1.00-1.33-1.17	1894 Ind	228	4	F.	56-58-57	.58-1.00- .77
1887 Ill	3	2	F.	53-55-54	.25- .42- 34	1894 Ind	228	14	(a)	60-60-60	.79- .79- .79
1887 La	3	13	F.	53-59-54	.38- .67- 51	1894 Ohio	375	20	F.	57-57-57	.90- .90- .90
1887 Mass	3	3	F.	54-59-57	.33-1.50- 86	1894 France	506	(a)	F.	g 66-72 —	.16- .97- —
1887 Minn	3	3	F.	d 54-56-55	.83-1.33-1.03	1895 Ga	7	10	F.	60-60-60	.75-1.17- .90
1887 N. Y	3	16	F.	39-66-56	.25-2.17-1.06	1895 Iowa	7	21	F.	54-54-54	.45-1.88- .98
1887 Pa	3	4	F.	53-56-54	1.00-1.04-1.01	1895 N. J	7	1	M.	48-48-48	2.50-2.50-2.50
1888 Ga	3	1	F.	53-53-53	.25- .25- 25	1895 N. J	7	8	F.	48-48-48	.25-1.33- .76
1888 Ind	3	4	F.	58-59-58	.50- .83- 63	1895 N. Y	7	83	F.	54-60-56	.50-1.46- .99
1888 N. Y	331	94	M.	53-59-58	.50-1.17- 98	1895 N. Y	8	6	F.	57-57-57	1.00-1.00-1.00
1888 N. Y	331	5	F.	59-60-59	.83-1.33- .93	1895 N. Y	341	2	F.	(a)	.58- .58- .58

a Not reported.
b Not including hours of 32 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 1 person not reported.
e Applies to but 5 of the 6 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 8 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, CLOTHING (NOT SPECIFIED)—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1895 Ohio	376	34 F.	57-60-58	0.75-0.90-0.88
1896 Ill	7	5 F.	57-57-57	.83-1.08-1.00
1896 Mo	305	17 M.	54-72-66	1.50-2.75-2.16
1896 Mo	305	186 F.	42-66-56	.25-1.67- .92
1896 Ohio	377	25 M.	54-60-56	.67- .75- .70
1896 Ohio	377	61 F.	50-60-55	.50-1.01- .88
1896 Pa	377	6 F.	54-54-54	1.00-1.08-1.04
1896 Wis	377	3 F.	54-54-54	.48- .54- .51
1896 England	586	(a) M.	(a)	1.14-1.14-1.14
1897 Va	404	16 F.	60-60-60	.60- .60- .60
1897 Australia	428	(a) F.	(a)	.24- .81- —
1897 Australia	428	(a) (a)	(a)	.49- .61- —
1898 N. J	329	9 F.	60-60-60	.58- .67- .62
1898 N. Y	338	185 M.	60-60-60	1.33-1.66-1.50
1898 Australia	429	(a) F.	(a)	.24- .81- —
1898 Australia	429	(a) (a)	(a)	.49- .61- —

FINISHERS, COFFINS AND CASKETS.

1859	Mass	8	1	M.	60-60-60	1.67-1.67-1.67	1893	Ill	10	1	M.	60-60-60	3.00-3.00-3.00
1876	Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1894	Ind	228	5	M.	50-50-50	1.93-1.93-1.93
1884	Pa	7	10	M.	60-60-60	1.50-2.00-1.85	1895	Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1884	Canada	466	(a)	M.	60-60-60	1.74-1.74-1.74	1895	Ohio	376	5	M.	60-60-60	1.50-1.50-1.50
1886	Minn	7	6	M.	60-60-60	1.13-2.50-1.77	1896	Minn	7	14	M.	60-60-60	.75-2.25-1.31
1890	N. Y	333	98	M.	(a)	.42-3.25-1.10	1896	Ohio	377	3	M.	48-48-48	1.75-1.75-1.75
1891	N. Y	333	90	M.	(a)	.53-3.25-1.27	1896	Pa	7	15	M.	54-54-54	1.75-2.33-1.99
1891	Ohio	372	28	M.	60-60-60	1.75-2.00-1.82	1897	Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1892	Ind	227	4	M.	60-60-60	2.00-2.00-2.00							

FINISHERS, CORSETS.

1871	Mass	267	90	(a)	60-60-60	1.00-1.00-1.00	1890	N. Y	333	10	M.	(a)	.67- .67- .67
1871	England	629	(a)	(a)	(a)	.28- .28- .28	1891	Mich	283	8	F.	(a)	.73-1.00- .84
1874	Conn	185	120	F.	(a)	.50- .50- .50	1891	N. Y	333	10	M.	(a)	.67- .67- .67
1881	Conn	7	4	F.	60-60-60	.69-1.23-1.00	1892	Ill	210	2	F.	54-54-54	.52-1.02- .77
1885	Mass	7	7	F.	60-60-60	.67-1.33- .98	1894	France	129	(a)	F.	60-60-60	.42- .52- —
1885	N. Y	7	30	F.	59-59-59	.58-1.00- .86	1895	Mass	7	17	F.	58-58-58	.43-1.46- .83
1887	Mass	3	2	F.	52-53-53	.75-1.00- .88	1895	N. Y	7	58	F.	59-59-59	.67-1.00- .89
1888	N. Y	331	50	M.	59-59-59	1.25-1.25-1.25	1896	N. J	8	20	F.	56-56-56	1.00-1.50-1.13
1888	Canada	470	(a)	F.	56-56-56	.70- .70- .70							

FINISHERS, CUTLERY AND EDGE TOOLS.

1840	England	563	(a)	M.	52-52-52	1.14-1.14-1.14	1890	Mich	282	1	M.	60-60-60	2.00-2.00-2.00
1850	England	563	(a)	M.	52-52-52	1.14-1.14-1.14	1890	N. Y	333	17	M.	(a)	1.25-2.13-1.80
1860	England	563	(a)	M.	52-52-52	1.09-1.09-1.09	1891	N. Y	333	23	M.	(a)	1.25-2.50-1.88
1866	England	566	(a)	M.	54-54-54	.49-1.30- —	1891	Ohio	372	10	M.	54-54-54	1.00-1.50-1.15
(b)	England	567	(a)	M.	54-54-54	.49-1.30- —	1892	Germany	118	(a)	M.	(a)	1.67-1.67-1.67
1871	England	568	(a)	M.	50-50-50	1.01-1.42- —	1893	Ohio	374	47	M.	48-60-56	1.75-3.00-2.18
1872	England	185	(a)	M.	50-50-50	1.01-1.41- —	1893	Germany	118	(a)	M.	(a)	1.00-1.00-1.00
1875	Mass	270	18	M.	(a)	1.25-1.62-1.59	1894	Ohio	375	39	M.	c 48-48-48	1.82-3.00-2.15
1879	Pa	384	1	(a)	(a)	1.20-1.20-1.20	1895	Mass	8	1	M.	60-60-60	3.50-3.50-3.50
1881	Conn	2	22	M.	60-60-60	2.25-2.37-2.31	1895	N. H	7	49	M.	59-59-59	1.00-3.60-1.77
1884	Canada	466	(a)	M.	48-50 —	1.54-1.60- —	1895	Ohio	376	21	M.	48-60-54	1.65-3.00-2.36
1885	Conn	2	40	(a)	60-60-60	2.37-2.45-2.41	1895	Pa	8	7	M.	54-54-54	.54-1.75-1.21
1885	N. H	7	42	M.	59-59-59	.50-2.86-1.69	1895	Pa	8	3	F.	54-54-54	.81- .81- .81
1886	Conn	2	20	M.	60-60-60	1.75-1.91-1.83	1896	Ohio	377	24	M.	53-53-53	2.44-2.44-2.44
1888	N. Y	331	12	M.	59-59-59	2.00-2.50-2.33							

FINISHERS, DOORS, SASHES, AND BLINDS.

1887	Wis	409	22	M.	(a)	1.77-1.77-1.77	1894	N. C	8	2	M.	60-60-60	.75-1.75-1.25
1888	N. Y	331	5	M.	59-60-60	1.13-1.75-1.45	1894	Ohio	375	4	M.	d 54-60-58	1.25-1.75-1.48
1890	N. Y	333	8	M.	(a)	1.67-2.50-2.00	1895	N. Y	8	7	M.	54-60-57	1.50-2.50-2.21
1891	N. Y	333	11	M.	(a)	1.67-2.50-1.95	1895	N. C	8	1	M.	60-60-60	1.00-1.00-1.00
1894	N. H	316	2	M.	59-60-60	1.50-2.50-2.00	1895	Ohio	376	4	M.	54-60-57	1.25-1.50-1.38
1894	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00							

a Not reported.
b Average for 1867–68.
c Not including hours of 28 persons not reported.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, DYEING AND CLEANING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Ga	7	1 F.	60-60-60	1.00-1.00-1.00	1890 N. Y	333	10 M.	(a)	1.33-1.79-1.60
1882 N. Y	7	1 M.	(a)	1.67-1.67-1.67	1891 N. Y	333	13 M.	(a)	1.33-1.79-1.64
1885 Pa	3	1 F.	55-55-55	.83- .83- .83	1894 France	129	(a) F.	60-60-60	.35- .52- —
1886 N. Y	7	1 M.	60-60-60	2.33-2.33-2.33	1895 Ga	7	2 F.	60-60-60	1.00-1.00-1.00
1886 N. Y	7	2 F.	60-60-60	1.00-1.00-1.00	1895 N. Y	7	1 M.	60-60-60	2.17-2.17-2.17
1887 Pa	3	5 F.	55-55-55	.75- .92- .83	1896 N. Y	7	1 M.	60-60-60	2.25-2.25-2.25
1888 N. Y	331	85 M.	b 59-60-60	.83-2.00-1.74	1896 N. Y	7	3 F.	60-60-60	.83-1.17- .94
1888 N. Y	331	2 F.	54-60-57	.83-1.00- .92					

FINISHERS, ELECTRICAL GOODS.

1890 Mich	282	2 M.	60-60-60	1.00-1.00-1.00	1895 Ohio	376	2 M.	60-60-60	1.25-1.25-1.25
1893 Ohio	374	10 F.	54-54-54	.70- .70- .70	1896 Ohio	377	2 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	375	17 F.	(a)	.82- .82- .82					

FINISHERS, ELECTROPLATING.

1890 N. Y	333	3 M.	(a)	8.00-8.00-8.00	1892 Australia	424	(a) M.	(a)	1.22-1.22-1.22
1891 N. Y	333	4 M.	(a)	8.00-8.00-8.00	1895 Ohio	376	5 M.	59-59-59	2.50-2.50-2.50

FINISHERS, ELECTROTYPING.

1865 Pa	8	10 M.	60-60-60	3.00-3.00-3.00	1891 N. Y	333	8 M.	(a)	2.33-4.17-3.27
1885 Cal	1	1 M.	60-60-60	3.33-3.33-3.33	1891 Ohio	372	10 M.	60-60-60	2.00-2.00-2.00
1890 Ill	19	5 M.	(a)	3.25-3.67-3.45	1892 Ill	19	6 M.	59-59-59	3.00-3.67-3.44
1890 N. Y	333	9 M.	(a)	2.33-4.17-3.19	1893 Ill	19	6 M.	59-59-59	3.00-3.67-3.44
1891 Ill	19	5 M.	(a)	3.25-3.67-3.45	1895 Pa	8	10 M.	60-60-60	2.85-2.85-2.85

FINISHERS, FEATHER DUSTERS.

1877 Ill	8	1 F.	60-60-60	.67- .67- .67	1888 N. Y	331	2 M.	c 59-59-59	.67-1.00- .84
1880 N. Y	7	2 F.	48-48-48	1.00-1.00-1.00	1895 N. Y	7	5 F.	48-48-48	.75-1.00- .95
1885 Ill	7	2 F.	(a)	.83-1.00- .92	1895 N. Y	8	1 F.	60-60-60	.83- .83- .83
1886 Ill	7	1 F.	56-56-56	.88- .88- .88	1896 Ill	7	4 F.	54-56-55	.67-1.25- .90
1887 N. Y	3	1 F.	56-56-56	.50- .50- .50					

FINISHERS, FELT.

1888 N. Y	331	2 M.	(a)	2.50-2.50-2.50	1893 Ohio	374	3 F.	(a)	1.02-1.02-1.02
1893 Ohio	374	6 M.	(a)	1.75-1.75-1.75					

FINISHERS, FIREARMS.

1866 England	566	(a) M.	60-60-60	.20-1.62- —	1894 N. Y	8	4 M.	60-60-60	1.50-2.00-1.75
1880 England	571	(a) M.	45-45-45	.24-1.70- —	1896 Conn	8	8 M.	60-60-60	2.50-2.50-2.50
1885 Belgium	55	(a) M.	(a)	.97- .97- .97	1897 N. Y	8	4 M.	60-60-60	1.75-2.75-2.50
1891 Belgium	457	(a) M.	60-72 —	.58- .97- —					

a Not reported.
b Not including hours of 83 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, FIREWORKS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885 N. J	7	3 F.	52-52-52	0.83-0.92-0.89
1888 N. Y	331	10 M.	(a)	.75-1.50-1.13
1888 N. Y	331	5 F.	(a)	1.00-1.00-1.00
1891 N. Y	333	25 F.	(a)	1.00-1.00-1.00
1895 N. J	7	20 F.	52-52-52	.58- .83- .78

FINISHERS, FUR AND FUR GOODS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1875 N. Y	7	2 F.	72-72-72	1.38-1.42-1.40
1884 Wis	7	15 F.	54-54-54	1.33-1.67-1.51
1885 Ill	7	23 F.	54-60-58	.83-1.50-1.18
1885 N. Y	7	15 F.	b57-57-57	1.17-1.50-1.26
1885 Wis	7	2 M.	59-59-59	2.91-3.15-3.03
1885 Wis	7	20 F.	59-59-59	.78-1.63-1.20
1886 Pa	3	2 F.	54-54-54	1.03-1.33-1.18
1887 Ill	3	1 F.	59-59-59	.71- .71- .71
1887 Minn	3	11 F.	48-60-58	.46-1.67- .99
1887 N. Y	3	4 F.	53-57-55	1.00-1.67-1.31
1887 Ohio	3	2 F.	51-53-52	.83-1.08- .96
1888 N. Y	331	2 M.	59-59-59	3.33-3.33-3.33
1888 N. Y	331	14 F.	53-53-53	1.00-1.33-1.19
1888 Canada	470	(a) F.	54-54-54	.91- .91- .91
1890 N. Y	333	153 M.	(a)	.22-4.50-1.23
1890 N. Y	333	9 F.	(a)	1.00-1.00-1.00
1891 N. Y	333	239 M.	(a)	.50-4.50-1.33
1891 N. Y	333	10 F.	(a)	1.25-1.25-1.25
1892 Ill	210	3 F.	47-47-47	.83- .89- .87
1893 Ill	10	1 F.	60-60-60	1.00-1.00-1.00
1893 Pa	10	1 F.	60-60-60	1.00-1.00-1.00
1895 Ill	7	21 F.	51-54-52	.83-1.33-1.15
1895 N. Y	7	3 M.	54-54-54	2.00-2.00-2.00
1895 N. Y	7	16 F.	54-60-55	1.00-1.50-1.12
1895 Wis	7	3 M.	59-59-59	2.94-3.45-3.20
1895 Wis	7	58 F.	54-59-57	.73-1.67-1.33
1896 N. Y	7	4 F.	57-60-59	1.17-1.50-1.42

FINISHERS, FURNITURE.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1845 N. J	8	1 M.	72-72-72	1.50-1.50-1.50
1850 Mass	8	1 M.	60-60-60	1.75-1.75-1.75
1852 Mass	8	1 M.	60-60-60	1.74-1.75-1.75
1855 N. J	8	2 M.	60-60-60	1.25-1.25-1.25
1855 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1860 N. J	8	3 M.	60-60-60	1.25-1.50-1.42
1860 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1861 N. J	8	4 M.	60-60-60	2.00-2.00-2.00
1866 Pa	8	1 M.	60-60-60	2.25-2.25-2.25
1871 Mass	267	10 M.	(a)	2.88-2.88-2.88
1872 Ohio	361	2 M.	(a)	2.50-2.50-2.50
1875 Mass	270	5 M.	(a)	1.59-2.46-1.76
1877 Ohio	359	116 M.	(a)	1.50-2.00-1.85
1877 Pa	382	2 M.	60-60-60	1.50-1.50-1.50
1879 Ohio	361	2 M.	(a)	2.00-2.00-2.00
1879 Pa	384	21 M.	c60-60-60	1.20-1.80-1.71
1881 Ohio	363	20 M.	60-60-60	1.50-2.00-1.56
1882 Ohio	364	132 (a)	54-60-60	.50-2.00-1.29
1883 Mass	273	149 M.	(a)	1.17-3.33-1.85
1883 Ohio	365	1 M.	60-60-60	1.75-1.75-1.75
1884 Mich	278	133 M.	(a)	.25-3.00-1.40
1884 Canada	178	(a) (a)	60-60-60	1.25-1.50- —
1884 Canada	466	(a) M.	59-59-59	1.43-1.51- —
1885 Ind	1	20 M.	60-60-60	1.00-1.50-1.25
1885 Mich	1	193 M.	60-60-60	.50-2.50-1.34
1885 N. Y	331	6 M.	58-59-59	2.25-2.67-2.32
1885 Canada	467	(a) M.	59-59-59	1.39-1.45- —
1886 Ill	208	62 M.	60-60-60	1.67-1.67-1.67
1886 Mich	7	11 F.	(a)	.58- .58- .58
1886 Pa	2	6 M.	60-60-60	2.25-2.25-2.25
1886 Canada	468	(a) M.	59-59-59	1.37-1.37-1.37
1887 Wis	409	258 M.	(a)	1.03-1.90-1.33
1887 Canada	469	(a) M.	58-58-58	1.52-1.55- —
1888 N. Y	331	166 M.	d57-60-60	1.25-2.33-1.62
1888 Canada	470	(a) M.	59-59-59	1.47-1.47-1.47
1889 Mich	281	829 M.	60-60-60	.21-3.19-1.27
1890 Mich	282	11 M.	60-60-60	.67-2.50-1.83
1890 N. Y	333	412 M.	(a)	.74-3.00-1.47
1891 Mich	283	1 F.	(a)	.58- .58- .58
1891 N. Y	333	654 M.	(a)	.42-3.00-1.40
1891 Ohio	372	567 M.	48-60-59	1.00-2.50-1.60
1891 France	505	(a) M.	66-66-66	1.16-1.-54 —
1892 Cal	196	12 M.	54-60-56	1.75-3.50-2.48
1892 Ind	227	210 M.	48-60-60	1.30-1.80-1.62
1892 Ind	227	7 F.	60-60-60	.76- .76- .76
1893 Ill	10	17 M.	e45-60-57	.67-2.67-1.60
1893 Ill	10	1 F.	60-60-60	.67- .67- .67
1893 Md	10	1 M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	428 M.	f51-60-58	.93-2.10-1.55
1894 Ind	228	44 M.	52-60-55	1.50-2.36-1.77
1894 N. H	316	1 M.	59-59-59	1.67-1.67-1.67
1894 N. Y	8	33 M.	60-60-60	.75-2.00-1.33
1894 Ohio	375	338 M.	g48-72-56	.84-2.13-1.46
1895 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1895 N. Y	8	12 M.	60-60-60	1.00-2.00-1.48
1895 Ohio	376	391 M.	h48-60-55	.80-2.00-1.51
1895 Canada	187	(a) (a)	60-60-60	1.00-1.50- —
1896 Mass	8	1 M.	54-54-54	2.75-2.75-2.75
1896 Mich	7	7 F.	60-60-60	.50- .50- .50
1896 Mo	305	451 M.	48-60-58	.90-3.50-1.63
1896 Mo	305	34 F.	i57-60-57	.72-1.52- .83
1896 N. Y	8	20 M.	54-60-59	1.75-2.00-1.99
1896 Ohio	377	503 M.	48-60-58	1.23-2.40-1.47
1896 Ohio	377	23 F.	60-60-60	.60- .60- .60
1896 Canada	184	(a) M.	(a)	1.50-2.33- —
1897 Mass	8	11 M.	60-60-60	1.33-2.50-2.03
1897 Va	404	5 M.	60-60-60	1.50-2.00-1.90
1899 Ga	18	30 M.	60-60-60	.90-1.90-1.22
1899 N. C	18	5 M.	60-60-60	.85-1.50- .98
1900 Ga	18	30 M.	60-60-60	1.00-2.00-1.32
1900 N. C	18	5 M.	60-60-60	.85-1.50- .98

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 59 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 38 persons not reported.
g Not including hours of 46 persons not reported.
h Not including hours of 67 persons not reported.
i Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1841 England	625	(a) M.	(a)	1.14-1.62- —	1890 Ohio	371	2 (a)	60-60-60	1.25-3.50-2.38
(b) England	561	(a) (a)	(a)	1.58-1.58-1.58	1890 Pa	6	218 M.	54-54-54	.66-1.36- .91
(c) England	563	(a) (a)	(a)	1.34-1.34-1.34	1891 N. Y	333	6 M.	(a)	3.92-4.45-4.19
1863 Scotland	565	(a) (a)	(a)	1.22-1.22-1.22	1891 Ohio	372	20 M.	48-54-51	2.25-3.50-2.88
(d) England	567	(a) M.	60-60-60	1.22-1.22-1.22	1892 Ind	227	9 M.	48-60-53	1.32-3.80-2.70
1872 England	185	(a) (a)	54-54-54	1.41-1.61- —	1892 Ohio	373	24 M.	50-50-50	.70- .70- .70
1876 Pa	381	26 M.	(a)	2.00-2.70-2.27	1892 Australia	424	(a) M.	(a)	3.97-3.97-3.97
1877 England	570	(a) M.	35-35-35	1.14-1.14-1.14	1892 England	577	(a) M.	51-51-51	1.18-1.18-1.18
1878 Ohio	360	4 M.	45-45-45	2.40-2.40-2.40	1892 England	632	(a) M.	f 50-62 —	1.34-2.23- —
1879 Ohio	361	1 M.	(a)	2.50-2.50-2.50	1892 France	505	(a) M.	60-60-60	.48-1.16- —
1879 Pa	384	24 M.	e 54-54-54	1.67-3.25-3.16	1894 Ind	228	3 M.	48-54-52	3.50-7.00-5.83
1881 Pa	2	190 M.	58-58-58	.75- .92- .84	1894 England	590	(a) M.	(a)	1.22-1.38- —
1883 Pa	2	45 M.	58-58-58	.75- .75- .75	1895 Canada	187	(a) M.	45-54 —	.80-3.00- —
1883 Gr't Brit	273	(a) (a)	(a)	.33- .57- —	1895 England	591	(a) M.	(a)	1.22-1.34- —
1884 N. J	323	20 M.	60-60-60	4.67-4.67-4.67	1896 Ohio	7	17 M.	60-60-60	2.29-2.84-2.49
1885 Ohio	1	41 M.	60-60-60	2.50-3.50-3.04	1896 Pa	7	40 M.	48-48-48	.83- .92- .88
1885 Ohio	7	10 M.	(a)	2.12-2.51-2.33	1896 England	587	(a) M.	(a)	1.22-1.34- —
1885 Pa	1	57 M.	60-60-60	1.66-5.00-4.78	1897 Ohio	377	52 M.	57-57-57	2.35-4.00-2.84
1885 W. Va	2	10 M.	55-55-55	3.25-3.25-3.25	1897 Australia	428	(a) (a)	(a)	1.22-3.12- —
1886 Pa	7	23 M.	48-48-48	.67- .83- .80	1897 England	587	(a) M.	(a)	1.22-1.44- —
1889 England	576	(a) M.	(a)	1.22-1.22-1.22	1898 Australia	429	(a) (a)	(a)	1.22-3.12- —
1890 Ohio	6	101 M.	54-54-54	.75- .75- .75					

FINISHERS, GLASS SIGNS.

1890 N. Y	333	12 M.	(a)	1.17-1.50-1.24	1891 N. Y	333	12 M.	(a)	1.17-1.50-1.24

FINISHERS, GLOVES AND MITTENS.

1872 Germany	185	(a) F.	62-62-62	.18- .30- —	1888 N. Y	331	17 M.	59-59-59	1.75-1.75-1.75
1884 Aust-Hun	178	(a) (a)	60-60-60	.13- .20- —	1890 N. Y	333	21 M.	(a)	.60-2.75-1.34
1886 Ill	7	21 M.	60-60-60	.50-1.67- .97	1891 N. Y	333	23 M.	(a)	.60-2.75-1.31
1886 Mich	7	2 F.	(a)	.80- .87- .84	1892 France	505	(a) M.	60-60-60	.58- .97- —
1887 Ill	3	3 F.	58-58-58	.38-1.13- .75	1896 Ill	7	39 M.	54-54-54	.42-1.67- .91
1887 N. Y	3	2 F.	53-53-53	1.17-1.42-1.30	1896 Mich	7	5 F.	60-60-60	1.06-1.52-1.25

FINISHERS, GOLD AND SILVER GOODS.

1846 Conn	8	3 M.	60-60-60	1.50-1.50-1.50	1892 England	577	(a) M.	g 54-54-54	1.22-1.38- —
1855 N. Y	8	2 M.	60-60-60	1.00-1.50-1.25	1893 Gr't Brit	578	(a) M.	54-54-54	1.38-1.38-1.38
1880 Ohio	7	1 M.	59-59-59	1.50-1.50-1.50	1896 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1890 N. Y	333	3 M.	(a)	3.67-3.67-3.67	1896 Ohio	7	2 M.	59-59-59	1.25-1.50-1.38
1891 N. Y	333	3 M.	(a)	3.50-3.50-3.50	1897 Conn	8	2 M.	60-60-60	3.00-3.00-3.00

FINISHERS, HANDLES.

1891 Ohio	372	6 M.	60-60-60	1.25-1.35-1.30	1895 Ohio	376	13 M.	h 60-60-60	1.32-2.40-1.50
1893 Ohio	374	9 M.	60-60-60	1.35-1.35-1.35	1896 Ohio	377	12 M.	60-60-60	1.45-1.45-1.45
1894 Ohio	375	4 M.	60-60-60	1.35-1.35-1.35					

a Not reported.
b Average for 1855–57.
c Average for 1858-60.
d Average for 1867–68.
e Not including hours of 23 persons not reported.
f Applies to but 3 of the 4 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, HARNESS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Ohio	8	1 M.	60-60-60	1.00-1.00-1.00
1891 N. Y.	333	3 M.	(a)	1.50-1.75-1.58
1893 Ohio	374	1 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	375	1 M.	60-60-60	1.50-1.50-1.50
1895 N. J	8	2 M.	60-60-60	2.50-2.50-2.50
1895 N. Y.	8	2 M.	60-60-60	1.50-1.66-1.58
1895 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1895 Ohio	8	12 M.	60-60-60	1.00-2.00-1.63
1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1895 Pa	8	2 M.	60-60-60	1.50-1.50-1.50
1896 Ohio	377	42 M.	54-60-56	1.25-1.43-1.37

FINISHERS, HATS AND CAPS.

1810	England	572	(a)	(a)	(a)	1.11-1.11-1.11	1885	N. J	1	116	M.	60-60-60	1.80-3.67-2.02
1811	England	572	(a)	(a)	(a)	.94- .94- .94	1885	N. J	7	30	M.	f48-48-48	1.17-3.33-1.99
1812	England	572	(a)	(a)	(a)	1.03-1.03-1.03	1885	N. J	324	51	M.	54-60-58	1.67-4.17-2.63
1813	England	572	(a)	(a)	(a)	.96- .96- .96	1885	N. Y.	7	18	M.	(a)	1.35-2.00-1.78
1814	England	572	(a)	(a)	(a)	1.01-1.01-1.01	1885	N. Y.	7	24	F.	(a)	1.08-2.27-1.63
1815	England	572	(a)	(a)	(a)	.89- .89- .89	1885	Pa	1	186	M.	60-60-60	.53-1.89-1.39
1816	England	572	(a)	(a)	(a)	.75- .75- .75	1885	Canada	467	(a)	M.	60-60-60	1.57-1.68- —
1817	England	572	(a)	(a)	(a)	.76- .76- .76	1886	Conn.	2	30	(a)	60-60-60	1.80-1.90-1.85
1818	England	572	(a)	(a)	(a)	1.20-1.20-1.20	1886	N. J	2	111	M.	59-59-59	2.00-4.00-3.12
1819	England	572	(a)	(a)	(a)	1.04-1.04-1.04	1886	N. J	325	522	M.	g54-54-54	2.33-3.00-2.34
1839	England	562	(a)	M.	60-60-60	1.22-1.46- —	1886	Pa	2	108	M.	60-60-60	2.18-2.25-2.19
1849	England	562	(a)	M.	60-60-60	1.01-1.14- —	1886	Pa	3	2	F.	53-53-53	1.17-1.17-1.17
1853	France	609	(a)	(a)	(a)	.97- .97- .97	1887	Conn.	202	9	M.	(a)	1.44-1.44-1.44
1859	England	562	(a)	M.	60-60-60	1.01-1.14- —	1887	Mass	3	19	F.	d45-56-53	.33-1.50- .82
1860	Ireland	563	(a)	(a)	59-59-59	.85- .85- .85	1887	N. Y.	3	11	F.	d42-57-54	.43-1.67- .90
1862	Conn.	8	1	M.	60-60-60	1.75-1.75-1.75	1887	Ohio	3	3	F.	50-50-50	.50- .75- .63
1863	N. Y.	8	1	M.	60-60-60	4.17-4.17-4.17	1887	Pa	390	1	M.	54-54-54	3.17-3.17-3.17
1863	England	565	(a)	(a)	(a)	1.22-1.46- —	1887	Germany	557	(a)	(a)	64-64-64	.67-1.76- —
1864	N. Y.	8	1	M.	60-60-60	4.17-4.17-4.17	1888	N. J	326	950	M.	h60-60-60	2.00-4.67-2.78
1866	England	566	(a)	M.	48-48-48	.16-1.01- —	1888	N. Y.	331	293	M.	i44-60-52	1.67-5.00-3.27
1866	Scotland	566	(a)	M.	b60-60-60	1.22-1.46- —	1888	N. Y.	331	1	F.	(a)	1.17-1.17-1.17
(c)	England	567	(a)	M.	66-66-66	1.38-1.38-1.38	1889	Canada	471	(a)	F.	50-50-50	.64- .64- .64
1869	France	609	(a)	(a)	(a)	1.54-1.93- —	1889	Portugal	691	(a)	F.	(a)	.11- .32- —
1871	England	629	(a)	M.	60-60-60	1.22-2.43- —	1890	N. Y.	333	317	M.	(a)	.83-3.33-2.19
1871	Ireland	568	(a)	M.	(a)	1.22-1.46- —	1890	N. Y.	333	9	F.	(a)	.83- .96- .87
1871	Norway	185	(a)	(a)	(a)	.72- .89- —	1891	N. Y.	333	332	M.	(a)	.83-3.33-2.14
1872	Ireland	185	(a)	M.	(a)	1.21-1.45- —	1891	N. Y.	333	9	F.	(a)	.83- .96- .87
1877	England	570	(a)	M.	58-60 —	.26-1.09- —	1892	France	505	(a)	M.	60-60-60	.29-1.16- —
1880	N. J	319	1	(a)	60-60-60	3.00-3.00-3.00	1893	Pa	10	2	F.	48-60-54	.50- .83- .67
1880	N. Y.	7	14	M.	(a)	2.52-2.89-2.72	1894	Ind	228	17	(a)	55-55-55	.58- .58- .58
1880	England	571	(a)	M.	60-60-60	.34-1.05- —	1894	France	129	(a)	M.	60-60-60	.78-1.16- —
1881	Conn.	2	155	M.	60-60-60	3.00-3.50-3.32	1895	Mo	7	8	M.	60-60-60	1.08-3.50-2.82
1881	Mo	7	5	M.	(a)	2.89-3.52-3.23	1895	N. J	7	50	M.	48-60-52	.83-4.67-2.48
1881	N. J	320	2	M.	d54-54-54	1.17-1.33-1.25	1895	N. Y.	7	22	M.	57-60-58	1.50-2.83-2.28
1882	Conn.	2	304	(a)	60-60-60	1.80-2.50-2.09	1895	N. Y.	7	21	F.	54-54-54	1.22-2.46-1.72
1883	Mass	273	54	M.	(a)	2.00-5.00-2.93	1895	Ohio	376	75	M.	60-60-60	2.00-2.00-2.00
1883	Mass	273	2	(a)	(a)	.67- .67- .67	1896	Conn.	8	2	M.	60-60-60	3.00-3.00-3.00
1883	N. J	322	171	M.	e48-60-60	1.50-6.00-2.32	1896	Mass	8	3	M.	60-60-60	2.00-2.00-2.00
1883	Ohio	7	12	F.	48-48-48	.79-1.20- .96	1896	Ohio	7	20	F.	48-48-48	.77-1.85-1.26
1883	Gr't Brit	273	(a)	M.	(a)	1.01-1.62- —	1896	Ohio	377	7	F.	(a)	.70- .75- .73
1883	Gr't Brit	273	(a)	F.	(a)	.57- .61- —	1896	Aust-Hun	436	(a)	(a)	60-60-60	.81-1.69- —
1884	Conn.	2	28	(a)	60-60-60	1.90-2.00-1.95	1897	N. Y.	337	659	M.	j48-60-55	1.03-3.57-2.20
1884	Mass	2	40	M.	60-60-60	3.50-3.50-3.50	1897	Australia	428	(a)	F.	(a)	.24- .61- —
1884	Mo	7	4	M.	(a)	2.92-4.52-3.54	1898	N. J	329	108	M.	48-60-57	2.00-2.50-2.14
1884	N. J	7	6	M.	(a)	1.67-2.00-1.94	1898	N. Y.	338	882	M.	k48-60-54	1.25-5.00-2.48
1884	N. J	323	248	M.	54-60-60	1.50-3.33-2.32	1898	Australia	429	(a)	F.	(a)	.24- .61- —
1884	N. Y.	2	43	M.	60-60-60	2.50-2.50-2.50	1898	Aust-Hun	438	(a)	(a)	60-60-60	.81-2.37- —
1884	Canada	466	(a)	F.	59-59-59	.57- .57- .57	1899	Pa	18	144	M.	54-54-54	1.33-4.33-2.22
1884	Scotland	178	(a)	M.	55-55-55	2.23-2.23-2.23							

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Average for 1867-68.
d Not including hours of 1 person not reported.
e Not including hours of 28 persons not reported.
f Not including hours of 14 persons not reported.
g Not including hours of 520 persons not reported.
h Not including hours of 939 persons not reported.
i Not including hours of 101 persons not reported.
j Not including hours of 75 persons not reported.
k Not including hours of 34 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS' HELPERS, BOOKBINDERY.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1882	Mass	7	5	M.	59-59-59	1.00-1.33-1.12
1890	N. Y	333	4	M.	(a)	1.00-2.17-1.42
1891	N. Y	333	4	M.	(a)	1.00-2.33-1.46
1895	Mass	7	2	M.	59-59-59	0.92-1.35-1.14
1895	N. Y	7	2	M.	59-59-59	.83-1.17-1.00

FINISHERS' HELPERS, BRUSHES.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Md	7	8	M.	60-60-60	.50- .83- .71
1888	N. Y	331	10	M.	59-59-59	.50- .50- .50
1896	Md	7	11	M.	60-60-60	.50- .83- .61
1896	Md	7	7	F.	60-60-60	.50- .50- .50

FINISHERS' HELPERS, CARRIAGES AND WAGONS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1895	N. Y	8	3	M.	60-60-60	.75-1.50-1.25

FINISHERS' HELPERS, CUTLERY AND EDGE TOOLS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888	N. Y	331	15	M.	59-59-59	1.77-1.77-1.77
1895	Pa	8	3	M.	54-54-54	1.00-1.00-1.00

FINISHERS' HELPERS, DOORS, SASHES, AND BLINDS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1894	Ohio	375	10	M.	54-54-54	.50-. 50- .50
1895	N. C	8	1	M.	60-60-60	.70- .70- .70

FINISHERS' HELPERS, ELECTROTYPING.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Cal	1	11	M.	60-60-60	1.25-1.25-1.25
1890	N. Y	333	1	M.	(a)	1.00-1.00-1.00
1891	N. Y	333	1	M.	(a)	1.00-1.00-1.00

FINISHERS' HELPERS, FURNITURE.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888	N. Y	331	8	M.	60-60-60	.50-1.00- .61
1889	Mich	281	1	M.	60-60-60	1.25-1.25-1.25
1890	N. Y	333	1	M.	(a)	.65- .65- .65
1891	N. Y	333	2	M.	(a)	.50- .50- .50
1894	Ohio	375	4	M.	54-60-56	.50-1.00- .63
1897	Mass	8	1	M.	60-60-60	1.00-1.00-1.00

FINISHERS' HELPERS, GLOVES AND MITTENS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y	333	2	M.	(a)	.58- .58- .58
1891	N. Y	333	3	M.	(a)	.58- .58- .58

FINISHERS' HELPERS, HATS AND CAPS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1890	N. Y	333	9	M.	(a)	1.00-2.00-1.40
1891	N. Y	333	9	M.	(a)	1.00-2.00-1.40

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS' HELPERS, HOSIERY AND KNIT GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	13 F.	(a)	0.50-0.50-0.50	1891 N. Y.	333	27 M.	(a)	0.50-1.00-0.91
1890 N. Y.	333	13 M.	(a)	.50-1.00- .81					

FINISHERS' HELPERS, IRON AND STEEL.

1888 N. Y.	331	26 M.	b 53-59-54	1.66-1.75-1.67	1891 N. Y.	333	10 M.	(a)	2.00-2.00-2.00
1889 Germany	5	(a) M.	(a)	.27- .27- .27	1896 Ohio	377	2 M.	54-54-54	.50- .50- .50
1890 N. Y.	333	16 M.	(a)	1.75-1.75-1.75					

FINISHERS' HELPERS, IRON AND STEEL PRODUCTS.

1888 N. J	326	5 M.	(a)	1.50-1.50-1.50	1891 N. Y.	333	46 M.	(a)	1.75-1.75-1.75

FINISHERS' HELPERS, LEATHER.

1891 N. Y.	333	12 M.	(a)	.40- .75- .49	....	.....	.....	....	....	...	.....	.....

FINISHERS' HELPERS, NEEDLES.

1895 Mass	8	2 F.	60-60-60	.75- .75- .75	....	.....	....	....	...	.....	.....

FINISHERS' HELPERS, PAPER.

1890 N. Y.	333	8 M.	(a)	1.00-1.50-1.31	1895 Conn.	7	1 M.	72-72-72	1.50-1.50-1.50
1891 N. Y.	333	8 M.	(a)	1.00-1.50-1.31	1895 Ohio	376	1 F.	60-60-60	1.00-1.00-1.00
1894 Ohio	375	1 M.	72-72-72	1.10-1.10-1.10					

FINISHERS' HELPERS, PIANOS AND ORGANS.

1890 N. Y.	333	7 M.	(a)	1.00-1.00-1.00	1891 N. Y.	333	8 M.	(a)	1.00-1.00-1.00

FINISHERS' HELPERS, PLUSH AND FANCY BOXES.

1890 N. Y.	333	3 M.	(a)	.50-1.00- .72	1891 N. Y.	333	15 M.	(a)	.58-1.00- .69

FINISHERS' HELPERS, POTTERY PRODUCTS.

1892 Ohio	373	9 (a)	59-59-59	1.50-2.00-1.61	....	.....	....	....	...	.....	.....

a Not reported. b Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS' HELPERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Ga	7	1 M.	(a)	1.00-1.00-1.00
1883 N. J	7	5 M.	60-60-60	.67- .83- .70
1885 N. Y	7	3 M.	60-60-60	.50-1.00- .83
1886 Iowa	7	2 F.	60-60-60	.50- .50- .50
1886 Pa	7	10 M.	60-60-60	1.00-1.42-1.26
1888 Conn	6	3 M.	(a)	1.00-1.25-1.12
1888 N. J	326	29 M.	(a)	2.00-2.00-2.00
1888 N. Y	331	7 M.	(a)	1.00-1.50-1.25
1888 Canada	470	(a) M.	59-60 —	.57- .75- —
1888 Canada	470	(a) F.	58-58-58	.50- .59- —
1889 Me	6	1 M.	60-60-60	1.75-1.75-1.75
1889 Canada	471	(a) M.	59-60 —	0.93-1.25- —
1889 Canada	471	(a) F.	60-63 —	.54- .76- —
1890 N. Y	333	32 M.	(a)	.50-3.50-1.12
1891 N. J	6	3 M.	60-60-60	1.40-1.40-1.40
1891 N. Y	333	37 M.	(a)	.50-3.50-1.17
1894 Ohio	375	4 M.	60-60-60	1.00-1.25-1.13
1894 Ohio	375	4 F.	60-60-60	.50- .50- .50
1895 N. J	7	10 M.	55-55-55	.63- .83- .74
1895 N. Y	7	3 M.	60-60-60	.58- .58- .58
1895 Ohio	376	2 M.	60-60-60	1.25-1.25-1.25
1896 Pa	7	16 M.	60-60-60	.50-1.17-1.04

FINISHERS' HELPERS, WHIPS.

1890	N. Y	333	2	M.	(a)	1.33-1.33-1.33	1891	N. Y	333	2	M.	(a)	1.43-1.43-1.43

FINISHERS, HOSIERY AND KNIT GOODS.

1861	England	564	(a)	F.	56-56-56	.24- .57- —	1887	Ky	3	1	F.	62-62-62	.50- .50- .50
1866	England	566	(a)	F.	60-60-60	.32- .65- —	1887	Mass	3	4	F.	54-59-56	.58-1.33- .98
1872	Germany	185	(a)	M.	66-72 —	.48- .72- —	1887	Minn	3	1	F.	60-60-60	1.17-1.17-1.17
1872	Germany	185	(a)	F.	b66-72 —	.16- .36- —	1887	N. Y	3	1	F.	60-60-60	.75- .75- .75
1873	Germany	177	(a)	F.	(a)	.24- .24- .24	1887	Ohio	3	9	F.	54-60-58	.38- .75- .51
1874	Germany	177	(a)	F.	(a)	.28- .28- .28	1887	Wis	3	1	F.	60-60-60	.75- .75- .75
1875	Germany	177	(a)	F.	(a)	.26- .26- .26	1887	Wis	409	469	(a)	(a)	.32- .48- .40
1876	Germany	177	(a)	F.	(a)	.26- .26- .26	1888	Cal	194	8	F.	e61-61-61	1.00-2.00-1.16
1877	Germany	177	(a)	F.	(a)	.25- .25- .25	1888	N. J	326	176	F.	(a)	.88- .88- .88
1878	Germany	177	(a)	F.	(a)	.25- .25- .25	1888	N. Y	331	242	M.	f58-60-59	.50-2.46-1.35
1880	Ohio	7	25	F.	(a)	.63- .97- .74	1888	N. Y	331	24	F.	g60-60-60	1.25-2.33-1.82
1882	Ky	7	2	F.	60-60-60	.67- .67- .67	1888	Canada	470	(a)	F.	54-58 —	.52- .68- —
1883	Mass	273	14	M.	(a)	1.23-4.00-1.43	1890	N. Y	333	1639	M.	(a)	.42-3.50-1.25
1883	Mass	273	209	F.	(a)	.83-1.50-1.05	1891	Mich	283	16	F.	(a)	.61- .76- .69
1883	Mass	273	1	(a)	(a)	1.25-1.25-1.25	1891	N. Y	333	1830	M.	(a)	.42-3.50-1.25
1884	N. H	7	7	F.	66-66-66	.60-1.49-1.11	1892	France	505	(a)	M.	63-66 —	.29- .68- —
1884	Canada	178	(a)	(a)	54-60 —	.33- .67- —	1892	France	505	(a)	F.	66-66-66	.24- .29- —
1884	Canada	466	(a)	F.	59-59-59	.44- .64- —	1893	England	632	(a)	F.	(a)	.20- .73- —
1885	Mass	7	23	F.	60-60-60	.39-1.97- .93	1894	Ohio	375	25	F.	(a)	.60- .60- .60
1885	Minn	7	5	F.	60-60-60	.42- .83- .55	1895	Conn	7	15	F.	60-60-60	.58-1.35- .91
1885	N. H	7	6	M.	c66-66-66	.92-2.17-1.36	1895	Mass	7	28	F.	58-58-58	.37-2.00-1.28
1885	N. H	7	12	F.	(a)	.82-1.66-1.19	1895	N. H	7	1	M.	60-60-60	1.09-1.09-1.09
1885	N. Y	1	40	M.	66-66-66	.71-1.25-1.11	1895	N. H	7	17	F.	60-60-60	.79-1.56-1.18
1885	N. Y	1	236	F.	66-66-66	.50-1.25- .93	1895	N. Y	7	5	M.	60-60-60	1.13-2.00-1.50
1885	N. Y	7	2	M.	(a)	.94- .94- .94	1895	N. Y	7	61	F.	60-60-60	.50-2.50-1.68
1885	N. Y	7	121	F.	d60-65-61	.67-2.27-1.43	1895	N. Y	8	2	F.	60-60-60	.75-1.50-1.13
1885	N. Y	330	3	F.	63-66-65	.90-2.00-1.47	1896	Ky	7	2	F.	60-60-60	.58- .58- .58
1885	Vt	7	20	F.	64-64-64	.84-1.75-1.24	1896	Minn	7	3	F.	54-54-54	.50- .81- .63
1885	Canada	467	(a)	F.	62-64 —	.46- .73- —	1896	N. Y	7	48	F.	58-58-58	.35-1.66- .96
1886	Mo	3	2	F.	(a)	.67-1.00- .84	1896	Ohio	7	55	F.	60-60-60	.62- .97- .77
1886	N. J	325	3	M.	60-60-60	3.00-3.00-3.00	1896	Ohio	377	4	F.	48-48-48	.75- .75- .75
1886	N. J	325	167	F.	60-60-60	.88- .88- .88	1896	Pa	7	43	F.	60-60-60	.45-1.90-1.04
1886	N. Y	7	26	F.	58-58-58	.33- .88- .73	1896	Vt	7	79	F.	64-66-66	.79-2.50-1.45
1886	Pa	3	6	F.	49-60-57	.67-1.17- .92	1897	Mass	8	1	F.	63-63-63	1.25-1.25-1.25
1886	Pa	7	47	F.	c60-60-60	.83-1.74-1.10	1897	Pa	395	1	M.	(a)	.96- .96- .96
1886	Vt	7	37	F.	66-66-66	.52-1.87-1.04	1897	Pa	395	12	F.	(a)	.46- .75- .62
1887	Conn	202	11	F.	(a)	.50-1.13-1.07	1898	France	512	(a)	F.	51-57 —	.34- .34- .34
1887	Ill	3	3	F.	54-54-54	.42-1.00- .72	1899	England	158	(a)	F.	(a)	.42- .50- —

a Not reported.
b Applies to but 6 of the 10 wage quotations.
c Not including hours of 2 persons not reported.
d Not including hours of 60 persons not reported.
e Not including hours of 6 persons not reported
f Not including hours of 226 persons not reported.
g Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, IRON AND STEEL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Pa	380	31 M.	(a)	2.18-2.18-2.18
1876 Pa	381	20 M.	(a)	1.55-1.55-1.55
1879 Pa	384	1 M.	60-60-60	2.50-2.50-2.50
1884 N. J	323	2 M.	60-60-60	.82-1.68-1.25
1885 N. Y	1	8 M.	72-72-72	1.80-1.80-1.80
1885 Ohio	1	14 M.	60-72-63	1.50-2.25-1.71
1886 N. J	325	3 M.	(a)	2.33-4.50-3.06
1888 N. J	326	1 M.	60-60-60	1.20-1.20-1.20
1888 N. Y	331	19 M.	53-60-55	2.50-3.15-2.92
1888 N. Y	331	1 M.	(a)	b .47- .47- .47
1888 Belgium	5	(a) M.	(a)	.65- .65- .65
1888 Canada	470	(a) M.	60-60-60	1.97-1.97-1.97
1889 Ill	5	18 M.	72-72-72	1.75-2.00-1.86
1889 Ohio	5	6 M.	55-60-57	2.00-2.25-2.08
1889 Pa	5	5 M.	c 66-66-66	1.86-4.38-3.56
1889 Belgium	5	(a) M.	72-72-72	.30- .60- —
1889 France	5	(a) M.	72-72-72	.30-1.00- —
1889 Germany	5	(a) M.	(a)	.25- .79- —
1890 Ala	5	1 M.	55-55-55	4.00-4.00-4.00
1890 N. Y	333	63 M.	(a)	2.50-3.17-2.98
1891 N. Y	333	35 M.	(a)	2.10-2.88-2.59
1891 Belgium	457	(a) M.	62-62-62	.74- .74- .74
1892 Ind	227	17 M.	54-60-57	1.84-3.17-2.47
1892 N. Y	20	6 M.	60-60-60	1.18-1.75-1.44
1892 Ohio	373	21 (a)	d 54-63-58	1.50-5.00-2.86
1893 N. Y	20	6 M.	60-60-60	1.18-1.75-1.44
1893 Ohio	374	114 M.	54-54-54	1.75-2.50-1.95
1894 Ind	228	4 M.	48-60-57	1.41-2.50-2.04
1894 Iowa	236	1 M.	60-60-60	1.50-1.50-1.50
1894 N. Y	20	6 M.	60-60-60	1.18-1.75-1.44
1895 Ohio	376	128 M.	48-66-63	1.80-3.65-1.97
1896 Ohio	377	30 M.	59-60-59	1.78-3.00-1.82
1897 Ohio	377	43 M.	48-72-57	1.10-5.00-1.83
1898 Ohio	18	1 M.	(a)	1.50-1.50-1.50
1898 Pa	18	6 M.	(a)	1.26-1.40-1.34
1899 Ohio	18	2 M.	(a)	1.75-1.75-1.75
1899 Pa	18	6 M.	(a)	1.40-1.55-1.48

FINISHERS, IRON AND STEEL PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1825 Mass	8	1 M.	66-66-66	1.10-1.10-1.10
1863 England	565	(a) (a)	(a)	1.16-1.16-1.16
1871 Scotland	568	(a) M.	57-57-57	.91- .91- .91
1872 Scotland	185	(a) M.	54-57 —	.48-1.00- —
1874 Scotland	185	(a) M.	51-51-51	1.20-1.20-1.20
1876 Pa	382	30 M.	(a)	1.30-1.30-1.30
1877 Ohio	359	6 M.	(a)	2.00-2.00-2.00
1877 Scotland	570	(a) M.	51-51-51	1.10-1.10-1.10
1878 Belgium	178	(a) M.	(a)	.96- .96- .96
1878 Italy	177	(a) M.	(a)	.70-2.00- —
1878 Scotland	177	(a) M.	54-54-54	1.08-1.08-1.08
1880 Scotland	571	(a) M.	54-54-54	.97-1.17- —
1881 Ohio	7	11 M.	60-60-60	1.25-2.50-1.60
1881 Ohio	363	1 M.	60-60-60	2.25-2.25-2.25
1883 Mass	273	42 M.	(a)	2.00-2.75-2.42
1883 N. J	322	11 M.	60-60-60	2.00-3.50-2.93
1883 Scotland	43	(a) (a)	e 54-54-54	1.28-2.23- —
1883 Scotland	572	(a) M.	54-54-54	1.01-1.34- —
1884 Mich	278	1 M.	(a)	3.00-3.00-3.00
1884 N. J	323	1 M.	60-60-60	2.50-2.50-2.50
1884 Belgium	178	(a) M.	(a)	.86- .86- .86
1884 Canada	178	(a) M.	58-60 —	1.08-2.25- —
1884 Canada	466	(a) M.	60-60-60	1.49-1.50- —
1884 England	178	(a) M.	54-54-54	1.30-1.42- —
1884 France	178	(a) M.	60-60-60	.68- .87- —
1884 Germany	178	(a) M.	60-60-60	.90-1.15- —
1884 Netherl'ds	178	(a) M.	66-66-66	.68- .84- —
1884 Scotland	178	(a) M.	54-54-54	1.08-1.19- —
1885 N. Y	1	200 M.	60-60-60	2.40-2.40-2.40
1885 Canada	467	(a) M.	60-60-60	1.35-1.36- —
1886 Canada	468	(a) M.	54-54-54	1.62-1.62-1.62
1887 Conn	202	26 M.	(a)	2.08-2.08-2.08
1888 N. J	326	14 M.	(a)	1.50-2.50-1.79
1888 N. Y	331	31 M.	53-60-55	1.00-3.25-2.41
1889 Mich	281	1 M.	60-60-60	.75- .75- .75
1889 Belgium	5	(a) M.	(a)	.34- .59- —
1890 Mich	282	7 M.	60-60-60	.75-2.00-1.44
1890 N. Y	333	19 M.	(a)	.75-1.00- .82
1891 Mich	283	25 F.	(a)	.69- .69- .69
1891 N. Y	333	119 M.	(a)	.50-3.33-2.14
1891 Ohio	372	66 M.	60-60-60	1.16-2.50-1.91
1892 France	505	(a) M.	66-66-66	.97- .97- .97
1893 Ill	10	1 M.	60-60-60	2.00-2.00-2.00
1893 Md	10	1 M.	60-60-60	3.17-3.17-3.17
1893 Mont	307	1 M.	54-54-54	3.50-3.50-3.50
1893 Ohio	374	169 M.	53-60-58	1.25-2.19-1.71
1894 N. H	316	1 M.	60-60-60	1.58-1.58-1.58
1894 Ohio	375	137 M.	f 60-60-60	1.25-2.25-1.63
1895 Ohio	376	49 M.	54-60-55	.90-1.78-1.42
1896 N. J	8	2 M.	60-60-60	2.00-2.00-2.00
1896 Ohio	7	17 M.	60-60-60	.33-2.33-1.29
1896 Ohio	377	24 M.	60-60-60	1.47-1.47-1.47
1896 Pa	7	35 F.	60-60-60	.75-1.00- .88
1896 Pa	394	2 M.	60-60-60	1.00-1.00-1.00
1898 N. J	329	7 M.	60-60-60	2.00-3.00-2.71

FINISHERS, JEWELRY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1856 N. J	8	1 M.	60-60-60	2.00-2.00-2.00
1865 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1871 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1876 N. J	8	1 M.	60-60-60	3.00-3.00-3.00
1881 N. J	320	2 M.	g 90-90-90	2.00-2.50-2.25
1883 N. J	322	1 M.	(a)	3.00-3.00-3.00
1885 N. Y	7	2 M.	(a)	3.00-3.00-3.00
1888 N. J	326	2 M.	(a)	3.00-3.00-3.00
1888 N. J	326	13 F.	(a)	.67-1.00- .82
1890 N. Y	333	4 M.	(a)	2.50-2.50-2.50
1891 N. Y	333	8 M.	(a)	2.50-3.83-2.73
1891 N. Y	333	2 F.	(a)	.92-1.00- .96
1892 Cal	196	1 M.	57-57-57	3.00-3.00-3.00
1892 France	505	(a) M.	72-72-72	1.06-1.30- —
1895 N. Y	7	2 M.	59-59-59	3.00-3.00-3.00
1896 N. J	8	4 M.	60-60-60	1.50-3.50-2.88
1896 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1896 R. I	8	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Per hour.
c Not including hours of 3 persons not reported.
d Not including hours of 2 persons not reported.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 10 persons not reported.
g Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES- Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, LACE AND LACE GOODS.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. J	7	11	F.	60-60-60	0.92-0.92-0.92	1892 France	505	(a)	F.	66-66-66	0.24-0.43- —
1886 N. Y	3	2	F.	48-51-50	.71- .88- .80	1892 Russia	692	(a)	(a)	(a)	.17- .37- —
1886 England	601	(a)	F.	(a)	.50- .50- .50	1893 England	632	(a)	F.	(a)	.49- .49-0.49
1888 N. Y	331	10	F.	53-53-53	.50- .50- .50	1895 N. J	7	15	F.	55-55-55	83- 83- .83

FINISHERS, LASTS.

1888 N. Y	331	13	M.	b59-60-59	2.25-3.33-2.85	1891 N. Y	333	10	M.	(a)	2.00-3.00-2.47
1890 N. Y	333	8	M.	(a)	2.00-3.00-2.54	1895 Mass	8	1	M.	60-60-60	2.00-2.00-2 00

FINISHERS, LAUNDRY.

1885 N. Y	7	17	F.	60-60-60	1.50-1.50-1.50	1893 Ohio	374	3	F.	60-63-61	.65- .83- .71
1886 Ill	7	4	F.	(a)	1.17-1.17-1.17	1894 N. Y	8	1	M.	60-60-60	1.67-1.67-1.67
1886 Pa	7	1	F.	(a)	1.17-1.17-1.17	1894 N. Y	8	2	F.	60-60-60	1.25-1.25-1.25
1887 Ill	3	1	F.	48-48-48	1.13-1.13-1.13	1895 N. Y	7	13	F.	60-60-60	1.95-1.97-1.96
1887 N. Y	3	1	F.	60-60-60	1.50-1.50-1.50	1896 Ill	7	6	F.	60-60-60	1.17-1.17-1.17
1891 Mich	283	64	F.	(a)	.75-1.17- .99	1896 Pa	7	6	F.	57-57-57	.75-1.00- .91

FINISHERS, LEATHER.

1856 Mass	190	4	M.	66-66-66	.83-1.17-1.00	1878 Mass	190	9	M.	60-60-60	1.50-2.17-1.81
1857 Mass	190	6	M.	66-66-66	1.00-1.17-1.06	1879 Del	190	16	M.	60-60-60	1.17-1.83-1.44
1858 Mass	190	6	M.	66-66-66	1.00-1.33-1.17	1879 Mass	190	9	M.	60-60-60	1.50-2.08-1.75
1859 Mass	190	6	M.	66-66-66	1.17-1.33-1.19	1879 Pa	384	4	M.	c60-60-60	.57-1.25- .96
1860 Mass	190	6	M.	66-66-66	1.17-1.33-1.19	1880 Del	190	21	M.	60-60-60	1.33-1.83-1.57
1861 Mass	190	6	M.	66-66-66	1.17-1.33-1.30	1880 Mass	190	9	M.	60-60-60	1.42-2.00-1.71
1862 Mass	190	5	M.	66-66-66	1.33-1.67-1.60	1881 Del	190	26	M.	60-60-60	1.17-1.67-1.53
1863 Mass	190	6	M.	66-66-66	1.17-2.00-1.72	1881 Mass	190	9	M.	60-60-60	1.50-2.00-1.74
1864 Mass	190	8	M.	66-66-66	1.33-2.17-1.73	1881 Ohio	363	10	M.	b54-60-59	1.50-2.25-2.00
1865 Mass	190	10	M.	66-66-66	1.50-2.17-1.88	1882 Del	190	16	M.	60-60-60	1.33-1.67-1.59
1866 Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1882 Mass	190	9	M.	60-60-60	1.50-2.00-1.76
1866 Mass	190	7	M.	66-66-66	1.17-2.00-1.71	1882 Ohio	364	21	(a)	60-60-60	1.75-2.50-2.01
1867 Del	190	1	M.	60-60-60	3.33-3.33-3.33	1882 Germany	554	(a)	(a)	66-66-66	.48-1.19- —
1867 Mass	190	6	M.	66-66-66	1.67-2.00-1.78	1883 Del	190	12	M.	60-60-60	1.17-1.67-1.63
1868 Mass	8	3	M.	60-60-60	2.25-2.25-2.25	1883 Mass	190	8	M.	60-60-60	1.50-2.00-1.74
1868 Mass	190	10	M.	66-66-66	1.67-2.00-1.78	1883 England	572	(a)	M.	57-57-57	1.22-1.22-1.22
1869 Mass	190	8	M.	66-66-66	1.67-2.00-1.81	1883 England	572	(a)	F.	45-45-45	.61- .61- .61
1870 Mass	8	2	M.	60-60-60	3.00-3.00-3.00	1883 Germany	555	(a)	(a)	66-66-66	.48-1.19- —
1870 Mass	190	8	M.	60-60-60	1.67-2.00-1.96	1884 Del	190	19	M.	60-60-60	1.17-2.17-1.60
1871 Del	190	3	M.	60-60-60	1.67-1.67-1.67	1884 Mass	190	7	M.	60-60-60	1.50-2.00-1.73
1871 Mass	190	7	M.	60-60-60	1.67-2.00-1.95	1884 Mich	278	7	M.	(a)	1.35-1.85-1.49
1872 Del	190	11	M.	60-60-60	1.50-1.91-1.81	1884 N. J	323	6	M.	54-60-58	1.17-2.33-2.00
1872 Mass	190	6	M.	60-60-60	1.67-2.00-1.94	1884 Germany	556	(a)	(a)	66-66-66	.54-1.19- —
1872 England	185	(a)	(a)	54-54-54	1.23-1.23-1.23	1885 Cal	1	1	M.	60-60-60	2.66-2.66-2.66
1873 Del	190	11	M.	60-60-60	1.50-1.83-1.80	1885 Del	1	230	M.	60-60-60	.62-2.50-1.50
1873 Mass	190	9	M.	60-60-60	1.67-2.00-1.93	1885 Del	2	6	M.	59-59-59	2.50-2.50-2.50
1874 Del	190	36	M.	60-60-60	1.33-2.08-1.68	1885 Del	190	13	M.	60-60-60	1.17-2.00-1.60
1874 Mass	190	10	M.	60-60-60	1.67-2.00-1.95	1885 Mass	1	40	M.	60-60-60	1.83-2.50-2.06
1874 Canada	185	(a)	M.	59-59-59	1.33-1.67- —	1885 Mass	190	9	M.	60-60-60	1.50-2.00-1.70
1875 Del	190	26	M.	60-60-60	1.33-2.17-1.73	1885 Pa	1	108	M.	60-60-60	1.60-2.58-2.28
1875 Mass	190	7	M.	60-60-60	1.50-2.00-1.79	1885 Pa	2	14	M.	60-60-60	1.83-1.83-1.83
1875 Mass	270	20	M.	(a)	1.50-1.98-1.95	1886 Del	190	19	M.	60-60-60	1.17-2.00-1.63
1876 Del	190	16	M.	60-60-60	1.50-2.00-1.66	1886 Mass	190	10	M.	60-60-60	1.50-1.83-1.68
1876 Mass	190	8	M.	60-60-60	1.50-2.17-1.75	1886 Germany	548	(a)	(a)	(a)	.60-1.19- —
1877 Del	190	22	M.	60-60-60	1.17-1.83-1.55	1887 Del	190	7	M.	60-60-60	1.50-2.00-1.69
1877 Mass	190	9	M.	60-60-60	1.50-2.17-1.81	1887 Mass	190	17	M.	60-60-60	1.67-2.00-1.81
1877 Ohio	359	5	M.	(a)	2.00-2.00-2.00	1887 Wis	409	339	M.	(a)	1.90-1.90-1.90
1877 Ireland	570	(a)	M.	55-55-55	.73- .73- .73	1887 Germany	557	(a)	(a)	66-66-66	.71-1.31- —
1878 Del	190	9	M.	60-60-60	1.17-1.67-1.53	1888 Del	190	8	M.	60-60-60	1.67-2.00-1.71

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, LEATHER—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Mass	190	14 M.	60-60-60	1.67-2.00-1.83	1892 Mass	190	8 M.	60-60-60	1.50-2.00-1.69
1888 N. J	326	2 (a)	60-60-60	2.00-2.75-2.38	1892 France	505	(a) M.	59-59-59	.97- .97- .97
1888 N. Y	331	47 M.	59-59-59	1.50-2.25-1.91	1892 Italy	639	(a) M.	60-60-60	.39- .68- —
1888 Canada	470	(a) M.	60-60-60	1.36-1.36-1.36	1893 Del	20	14 M.	(a)	1.17-2.00-1.65
1888 Germany	558	(a) (a)	60-66 —	.48-1.19- —	1893 Ohio	374	19 M.	60-60-60	1.25-1.67-1.52
1889 Del	190	8 M.	60-60-60	1.67-2.00-1.71	1893 Pa	10	2 M.	58-58-58	1.17-1.67-1.42
1889 Mass	190	10 M.	60-60-60	1.50-2.00-1.70	1894 Del	20	5 M.	(a)	1.33-1.83-1.63
1889 Canada	471	(a) M.	60-60-60	1.34-1.34-1.34	1891 Ohio	375	7 M.	b 54-54-54	1.50-1.85-1.75
1890 Del	190	9 M.	60-60-60	1.67-1.67-1.67	1894 Aust-Hun	434	(a) M.	60-60-60	.81- .81- .81
1890 Mass	190	9 M.	60-60-60	1.50-2.00-1.69	1894 France	129	(a) M.	(a)	.94- .94- .94
1890 N. Y	333	213 M.	(a)	1.33-2.75-1.60	1895 Del	20	5 M.	(a)	1.33-1.83-1.60
1891 Del	190	6 M.	60-60-60	1.67-1.67-1.67	1895 Mass	8	3 M.	60-60-60	1.50-1.50-1.50
1891 Mass	190	8 M.	60-60-60	1.50-2.00-1.69	1895 Ohio	376	7 M.	48-60-57	1.33-1.65-1.42
1891 N. Y	333	254 M.	(a)	.83-5.83-1.62	1895 Aust-Hun	435	(a) M.	66-66-66	.68- .68- .68
1891 Ohio	372	10 M.	60-60-60	2.50-2.50-2.50	1895 France	509	(a) (a)	60-60-60	2.09-2.25- —
1891 Germany	551	(a) (a)	(a)	.65-1.19- —	1896 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1891 Italy	638	(a) M.	60-65 —	.39- .68- —	1896 N. Y	8	4 M.	60-60-60	2.25-2.25-2.25
1892 Cal	196	3 M.	69-69-69	1.15-1.34-1.21	1896 Ohio	377	11 M.	51-60-57	1.33-1.83-1.66
1892 Del	20	9 M.	(a)	1.00-2.00-1.50	1896 Aust-Hun	436	(a) (a)	62-62-62	.88- .88- .88
1892 Del	190	17 M.	60-60-60	.59-2.00-1.31	1898 Aust-Hun	438	(a) (a)	62-62-62	1.14-1.14-1.14

FINISHERS, LEATHER GOODS.

1884 Germany	556	(a) F.	60-60-60	.32- .40- —	1893 Ohio	374	1 M.	60-60-60	1.56-1.56-1.56
1884 Germany	556	(a) (a)	60-60-60	.71-1.07- —	1894 France	129	(a) M.	(a)	1.35-1.54- —
1885 N. Y	7	8 F.	60-60-60	.52-1.00- .75	1895 N. Y	7	10 F.	60-60-60	.46-1.07- .74
1890 N. Y	333	20 M.	(a)	.50-2.75-1.83	1896 Ohio	377	1 M.	60-60-60	1.40-1.40-1.40
1891 N. Y	333	6 M.	(a)	.50-2.75-1.75					

FINISHERS, LITHOGRAPHING.

1887 Mass	3	2 F.	53-53-53	.88-1.00- .94	1893 Ohio	374	13 F.	60-60-60	.67- .67- .67
1890 N. Y	333	54 M.	(a)	.50-5.00-1.14	1895 Ohio	376	33 M.	60-60-60	1.00-1.66-1.14
1891 N. Y	333	54 M.	(a)	.50-5.00-1.14	1895 Ohio	376	10 F.	60-60-60	.67- .67- .67
1893 Ohio	374	2 M.	60-60-60	1.92-1.92-1.92					

FINISHERS, MUSICAL INSTRUMENTS.

1884 Switzerl'd	178	(a) M.	60-60-60	1.13-1.29- —	1891 France	505	(a) M.	60-60-60	.97-1.06- —
1890 N. Y	333	2 M.	(a)	1.33-3.00-2.17	1892 France	505	(a) M.	72-72-72	.68- .68- .68
1891 N. Y	333	2 M.	(a)	1.42-3.00-2.21					

FINISHERS, NECKWEAR.

1865 N. Y	7	57 F.	51-51-51	1.08-2.00-1.49	1891 N. Y	333	100 M.	(a)	1.00-1.17-1.07
1875 N. Y	7	10 F.	54-54-54	1.08-1.42-1.23	1892 Ill	210	115 F.	50-51-50	.36-2.91-1.22
1885 Ill	7	55 F.	54-54-54	.87-2.37-1.41	1895 N. Y	7	434 F.	49-51-49	.75-1.50-1.05
1886 N. Y	7	19 F.	59-59-59	.92-1.19-1.03	1895 N. Y	341	2 F.	50-50-50	.75- .75- .75
1887 Ill	3	10 F.	48-53-49	.54-1.67-1.13	1896 Ill	7	79 F.	48-48-48	.86-2.43-1.35
1890 N. Y	333	95 M.	(a)	1.00-1.17-1.07	1896 N. Y	7	24 F.	59-59-59	.84-1.20-1.06

FINISHERS, NEEDLES.

1850 Mass	8	2 M.	60-60-60	1.63-1.63-1.63	1894 N. H	316	1 M.	59-59-59	2.25-2.25-2.25
1851 Conn	8	8 M.	60-60-60	1.50-1.50-1.50	1895 Conn	8	8 M.	60-60-60	2.25-3.00-2.91
1853 Conn	8	1 M.	60-60-60	1.50-1.50-1.50	1895 Mass	8	2 M.	60-60-60	2.25-2.25-2.25

a Not reported.

b Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, OPTICAL GOODS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	7	1 M.	(a)	2.50-2.50-2.50
1892 France	505	(a) M.	69-72 —	.76- .77- —
1896 N. Y.	7	2 M.	60-60-60	1.00-2.50-1.75

FINISHERS, PAPER.

1840	Scotland	563	(a)	(a)	60-60-60	.61- .61- .61	1885	Canada	467	(a)	F.	60-60-60	.66- .66- .66
1841	Scotland	564	(a)	M.	60-60-60	.57- .61- —	1885	Germany	547	(a)	F.	(a)	.32- .40- —
1850	Scotland	563	(a)	(a)	60-60-60	.61- .61- .61	1886	Del	7	7	M.	72-72-72	2.33-2.58-2.46
1857	Ireland	563	(a)	(a)	60-60-60	.49- .49- .49	1886	Canada	468	(a)	M.	60-60-60	1.42-1.42-1.42
(b)	Scotland	561	(a)	(a)	(a)	.65- .65- .65	1886	Canada	468	(a)	F.	60-60-60	.63- .63- .63
(c)	Ireland	562	(a)	M.	(a)	.49- .49- .49	1887	Conn	202	2	M.	(a)	2.25-2.25-2.25
1860	Ireland	563	(a)	(a)	60-60-60	.49- .49- .49	1887	Conn	202	19	F.	(a)	1.00-1.00-1.00
1860	Scotland	563	(a)	(a)	60-60-60	.69- .69- .69	1887	Ky	3	2	F.	60-60-60	.75- .75- .75
1861	Scotland	564	(a)	M.	60-60-60	.57- .69- —	1887	Ohio	3	2	F.	57-57-57	1.00-1.00-1.00
1863	Scotland	565	(a)	(a)	(a)	.65- .81- —	1887	Wis	409	17	(a)	(a)	1.11-1.11-1.11
1866	Scotland	566	(a)	M.	(a)	.49- .73- —	1888	Me	254	3	F.	54-54-54	.83- .83- .83
(d)	England	567	(a)	M.	70-70-70	1.06-1.06-1.06	1888	N. J	326	2	M.	(a)	2.25-2.25-2.25
1869	N. H	7	1	M.	(a)	2.00-2.00-2.00	1888	N. J	326	6	F.	(a)	.67- .67- .67
1875	Mass	190	1	M.	72-72-72	4.11-4.11-4.11	1888	N. Y.	331	30	M.	g58-60-60	1.38-2.00-1.76
1875	Mass	270	13	M.	(a)	1.79-2.46-2.04	1888	N. Y.	331	9	F.	48-58-55	1.00-1.00-1.00
1875	Mass	270	13	F.	(a)	.94-1.28-1.23	1888	Canada	470	(a)	M.	59-59-59	1.40-1.40-1.40
1875	Pa	380	1	M.	(a)	2.00-2.00-2.00	1888	Canada	470	(a)	F.	62-62-62	.64- .64- .64
1876	N. H	7	1	M.	66-66-66	1.35-1.35-1.35	1889	Canada	471	(a)	M.	59-59-59	1.46-1.46-1.46
1877	Ohio	359	4	M.	(a)	1.67-1.67-1.67	1889	Canada	471	(a)	F.	58-58-58	.65- .65- .65
1878	Conn	7	5	M.	72-72-72	2.00-2.50-2.33	1890	N. Y.	333	88	M.	(a)	.67-3.00-1.33
1879	Pa	384	4	M.	60-60-60	1.75-1.75-1.75	1890	N. Y.	333	7	M.	(a)	h1.13-1.13-1.13
1880	England	571	(a)	M.	60-72 —	.36-1.01- —	1890	N. Y.	333	11	F.	(a)	.88-1.00- .91
1880	Scotland	571	(a)	F.	60-60-60	.49- .49- .49	1891	Me	257	5	M.	54-60-57	1.50-2.00-1.68
1881	Ohio	363	24	M.	48-72-62	1.25-2.50-1.71	1891	N. Y.	333	94	M.	(a)	.67-3.00-1.36
1882	Ohio	364	98	M.	e48-72-63	1.00-3.00-1.59	1891	N. Y.	333	10	F.	(a)	.88-1.00- .90
1883	N. J	322	2	M.	60-60-60	1.50-1.50-1.50	1891	Ohio	372	14	M.	48-72-66	1.25-2.00-1.57
1883	Scotland	572	(a)	M.	f57-64 —	.32- .95- —	1892	Me	258	1	F.	60-60-60	.83- .83- .83
1883	Scotland	572	(a)	F.	57-57-57	.43- .49- —	1892	Mass	190	1	M.	72-72-72	3.00-3.00-3.00
1884	Mich	278	5	M.	(a)	1.75-2.50-2.05	1893	Ohio	374	25	M.	i60-72-62	1.10-2.00-1.43
1884	N. J	323	1	M.	60-60-60	1.50-1.50-1.50	1893	Ohio	374	2	F.	60-60-60	.75- .75- .75
1884	N. J	323	2	F.	60-60-60	.67- .67- .67	1893	England	583	(a)	M.	(a)	1.22-1.38- —
1884	Canada	466	(a)	M.	59-59-59	.86-1.16- —	1893	Ireland	632	(a)	F.	(a)	.24- .34- —
1884	Canada	466	(a)	F.	58-58-58	.79- .79- .79	1894	Ohio	375	34	M.	48-72-64	1.10-2.00-1.57
1884	Scotland	178	(a)	F.	51-51-51	.49- .49- .49	1894	Ohio	375	102	F.	j60-60-60	.75-1.15-1.06
1885	Del	1	26	M.	72-72-72	2.80-3.00-2.89	1895	Conn	7	3	M.	72-72-72	1.75-2.00-1.92
1885	Me	1	12	M.	72-72-72	1.50-2.00-1.92	1895	Me	7	35	M.	60-60-60	1.25-2.25-1.70
1885	Me	1	2	F.	72-72-72	1.00-1.00-1.00	1895	Me	7	5	F.	54-54-54	.83- .83- .83
1885	Mass	1	146	M.	72-72-72	.48-2.75-1.62	1895	N. H	7	20	M.	60-60-60	1.40-2.25-1.61
1885	Mass	1	52	F.	60-72-71	.80-1.10- .95	1895	N. H	7	10	F.	60-60-60	1.00-1.00-1.00
1885	N. H	1	16	M.	72-72-72	2.00-2.00-2.00	1895	N. J	7	2	M.	59-59-59	1.65-1.70-1.68
1885	N. H	7	2	M.	(a)	1.75-2.00-1.88	1895	N. Y	7	1	M.	56-56-56	2.00-2.00-2.00
1885	N. H	7	3	F.	(a)	.90-1.00- .93	1895	N. Y.	7	3	F.	56-56-56	.83- .83- .83
1885	N. J	7	1	M.	65-65-65	1.50-1.50-1.50	1895	Ohio	376	29	M.	k48-72-64	1.15-2.00-1.56
1885	N. Y.	7	2	M.	56-56-56	2.50-2.50-2.50	1895	Ohio	376	107	F.	l60-60-60	.75-1.15-1.07
1885	N. Y.	7	6	F.	56-56-56	1.00-1.00-1.00	1896	Del	7	7	M.	72-72-72	2.42-2.58-2.49
1885	Oregon	1	10	F.	72-72-72	1.75-1.75-1.75	1896	Mass	8	2	F.	60-60-60	2.25-2.25-2.25
1885	Vt	1	20	M.	72-72-72	2.00-2.00-2.00	1896	Ohio	377	63	M.	57-63-60	1.33-3.00-1.43
1885	Wis	7	9	F.	72-72-72	.75- .75- .75	1896	Ohio	377	90	F.	n60-60-60	.97-1.12-1.06
1885	Canada	467	(a)	M.	60-60-60	1.38-1.39- —	1896	Wis	7	26	F.	72-72-72	.75- .75- .75

a Not reported.
b Average for 1855–57.
c Average for 1856–58.
d Average for 1867–68.
e Not including hours of 9 persons not reported.
f Applies to but 4 of the 5 wage quotations.
g Not including hours of 2 persons not reported.
h And rent.
i Not including hours of 10 persons not reported.
j Not including hours of 46 persons not reported.
k Not including hours of 6 persons not reported.
l Not including hours of 50 persons not reported.
n Not including hours of 51 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, PAPER PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 N. J	7	14 F.	(a)	0.67-0.92-0.83	1893 Ohio	374	13 F.	57-57-57	0.85-0.85-0.85
1885 N. J	7	3 F.	(a)	1.25-1.42-1.33	1894 Ind	228	1 (a)	60-60-60	1.00-1.00-1.00
1886 Mo	3	1 F.	60-60-60	.83- .83- .83	1895 Mass	7	9 F.	58-58-58	.67- .88- .76
1886 Germany	548	(a) F.	(a)	.30- .42- —	1895 N. J	7	7 F.	54-55-54	.83-1.53-1.28
1887 Pa	390	1 M.	60-60-60	1.70-1.70-1.70	1895 N. Y	8	1 M.	60-60-60	1.67-1.67-1.67
1888 N. Y	331	8 M.	53-58-54	1.50-2.50-1.63	1895 N. Y	8	2 F.	60-60-60	1.00-1.17-1.09
1890 N. Y	333	58 M.	(a)	1.17-1.33-1.20	1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1890 N. Y	333	16 F.	(a)	1.17-1.17-1.17	1895 Ohio	376	25 F.	57-57-57	1.00-1.00-1.00
1891 N. Y	333	54 M.	(a)	1.17-1.25-1.19	1896 Nebr	314	2 M.	60-60-60	1.75-4.00-2.88
1891 N. Y	333	23 F.	(a)	1.17-1.17-1.17	1896 N. Y	8	5 M.	60-60-60	2.50-2.50-2.50

FINISHERS, PHOTOGRAPHY.

1887 Mass	3	1 F.	45-45-45	1.17-1.17-1.17	1894 Australia	425	(a) F.	(a)	.41-1.01- —
1891 Mich	283	1 F.	(a)	.67- .67- .67	1895 Ga	7	2 M.	60-60-60	2.50-2.50-2.50
1891 Ohio	372	1 M.	54-54-54	1.25-1.25-1.25	1895 Australia	426	(a) F.	(a)	.41-1.01- —
1892 Me	258	4 F.	60-60-60	.75-1.00- .85	1896 Australia	427	(a) F.	(a)	.41- .81- —

FINISHERS, PIANOS AND ORGANS.

1865 Germany	177	(a) M.	63-63-63	.60- .60- .60	1885 N. Y	1	10 F.	60-60-60	1.25-1.25-1.25
1866 Germany	177	(a) M.	63-63-63	.68- .68- .68	1885 Canada	467	(a) M.	60-60-60	1.83-1.83-1.83
1867 Germany	177	(a) M.	63-63-63	.67- .67- .67	1886 Canada	468	(a) M.	56-59 —	1.16-1.78- —
1868 Germany	177	(a) M.	63-63-63	.83- .83- .83	1887 Canada	469	(a) M.	57-59 —	1.62-1.67- —
1869 Germany	177	(a) M.	63-63-63	.87- .87- .87	1888 N. J	326	1 (a)	60-60-60	1.75-1.75-1.75
1870 Germany	177	(a) M.	63-63-63	.89- .89- .89	1888 N. Y	331	38 M.	b 59-59-59	2.25-3.87-3.22
1871 Mass	267	8 M.	48-48-48	3.00-3.00-3.00	1888 Canada	470	(a) M.	59-59-59	1.55-1.55-1.55
1871 Germany	177	(a) M.	63-63-63	1.01-1.01-1.01	1889 Mich	281	1 M.	60-60-60	1.75-1.75-1.75
1872 Germany	177	(a) M.	63-63-63	1.03-1.03-1.03	1889 Canada	471	(a) M.	56-56-56	1.94-1.94-1.94
1873 Germany	177	(a) M.	63-63-63	1.11-1.11-1.11	1890 N. Y	333	59 M.	(a)	1.50-7.00-3.37
1873 Switzerl'd	714	(a) (a)	60-60-60	.80-1.45- —	1891 N. Y	333	51 M.	(a)	1.50-7.00-3.34
1874 Germany	177	(a) M.	63-63-63	1.19-1.19-1.19	1891 Ohio	372	36 M.	60-60-60	2.00-2.25-2.22
1875 Germany	177	(a) M.	63-63-63	1.27-1.27-1.27	1891 France	505	(a) M.	70-70-70	1.83-1.83-1.83
1882 Conn	2	2 M.	60-60-60	1.50-1.50-1.50	1893 Ohio	374	28 M.	c 60-60-60	1.50-2.25-1.68
1884 N. J	323	65 M.	60-60-60	1.33-3.00-1.60	1894 France	129	(a) M.	60-60-60	1.35-1.35-1.35
1884 Italy	178	(a) M.	(a)	.70-1.40- —	1895 Ohio	376	37 M.	d 60-60-60	1.75-2.25-2.09
1885 Me	1	8 M.	60-60-60	1.12-1.12-1.12	1896 Ohio	377	25 M.	60-60-60	1.50-2.02-1.85
1885 N. Y	1	121 M.	60-60-60	2.25-3.99-2.93					

FINISHERS, PLATED WARE.

1885 N. Y	7	4 M.	60-60-60	1.93-2.64-2.26	1891 N. Y	333	10 M.	(a)	.75-2.50-1.41
1885 N. Y	7	7 F.	60-60-60	.83-1.17- .93	1896 N. Y	7	4 M.	60-60-60	1.80-2.67-2.36
1890 N. Y	333	1 M.	(a)	1.83-1.83-1.83	1896 N. Y	7	6 F.	60-60-60	.75-1.22-1.03

FINISHERS, PLUSH AND FANCY BOXES.

1888 N. Y	331	4 M.	(a)	1.67-1.67-1.67	1891 N. Y	333	65 M.	(a)	.58-3.50-1.77
1890 N. Y	333	2 M.	(a)	1.00-1.50-1.25					

FINISHERS, POTTERY PRODUCTS.

1871 England	629	(a) F.	(a)	.28- .32- —	1893 N. J	327	11 F.	56-56-56	.58-1.50- .83
1877 England	570	(a) M.	52-52-52	1.05-1.05-1.05	1894 Ohio	375	8 M.	60-60-60	.75-1.04- .97
1884 N. J	7	6 F.	(a)	.92- .92- .92	1894 Ohio	375	52 F.	60-60-60	.79- .79- .79
1892 Ohio	373	35 M.	53-60-58	1.00-2.00-1.51	1895 N. J	7	5 F.	55-55-55	.79- .83- .82
1892 Ohio	373	11 F.	58-59-58	.75- .85- .80	1897 Pa	8	1 F.	60-60-60	.67- .67- .67

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 24 persons not reported.
d Not including hours of 31 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, ROPE AND TWINE.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 N. J	8	3	M.	60-60-60	1.50-1.67-1.61	1890 N. Y	333	14	F.	(a)	0.75-0.75-0.75
1878 N. Y	8	1	M.	60-60-60	1.33-1.33-1.33	1891 N. Y	333	25	M.	(a)	.97-2.27-1.49
1882 Pa	8	1	M.	60-60-60	2.08-2.08-2.08	1891 N. Y	333	14	F.	(a)	.75- .75- .75
1885 Mass	7	1	M.	60-60-60	1.25-1.25-1.25	1894 Ohio	375	12	M.	60-60-60	1.17-1.17-1.17
1885 N. Y	7	48	M.	(a)	.50- .70- .61	1895 Mass	7	1	M.	58-58-58	1.25-1.25-1.25
1886 Pa	7	1	M.	60-60-60	1.04-1.04-1.04	1895 N. Y	7	40	M.	60-60-60	.57- .70- .65
1888 N. Y	331	26	M.	(a)	1.25-1.67-1.57	1895 Pa	8	1	M.	60-60-60	1.67-1.67-1.67
1890 N. Y	333	25	M.	(a)	.97-2.27-1.49	1896 Pa	7	2	M.	60-60-60	1.00-1.00-1.00

FINISHERS, RUBBER GOODS.

1871 England	629	(a)	M.	(a)	.65- .65- .65	1888 N. J	326	5	F.	57-60-59	.70-1.00- .84
1884 R. I	7	2	M.	60-60-60	1.50-1.67-1.59	1894 France	506	(a)	F.	66-66-66	.39- .48- —
1886 England	601	(a)	F.	(a)	.40- .40- .40	1896 Ohio	377	1	F.	60-60-60	1.00-1.00-1.00
1887 Mass	3	5	F.	48-53-51	.58-1.17- .81						

FINISHERS, SCIENTIFIC AND SURGICAL INSTRUMENTS.

1884 Aust-Hun	178	(a)	M.	60-60-60	.80-1.67- —	1891 N. Y	333	7	M.	(a)	2.50-3.00-2.57
1890 N. Y	333	7	M.	(a)	2.50-3.00-2.57						

FINISHERS, STRAW GOODS.

1875 Mass	270	11	M.	(a)	2.35-3.28-2.79	1887 Ohio	369	6	F.	60-60-60	.50- .50- .50
1875 Mass	270	16	F.	(a)	.91-1.33-1.12	1896 Md	7	20	M.	60-60-60	1.17-3.08-2.12
1886 Md	7	8	M.	60-60-60	1.42-2.50-1.86						

FINISHERS, SUSPENDERS.

1873 N. Y	7	3	F.	(a)	.83- .88- .86	1891 N. Y	333	5	M.	(a)	.67- .67- .67
1886 Pa	3	2	F.	53-53-53	.75- .75- .75	1892 Ill	210	3	F.	51-51-51	.50- .83- .67
1887 Mass	3	1	F.	59-59-59	1.42-1.42-1.42	1894 Ohio	375	4	F.	60-60-60	.60- .60- .60
1887 N. Y	3	4	F.	57-57-57	.81-1.17- .95	1895 N. Y	7	15	F.	57-57-57	.83- .83- .83
1887 Ohio	3	2	F.	53-53-53	.58- .71- .65	1895 Ohio	376	5	F.	60-60-60	.50- .50- .50
1890 N. Y	333	5	M.	(a)	.67- .67- .67						

FINISHERS, TEXTILES.

1839 England	562	(a)	M.	61-61-61	.85- .85- .85	1859 England	562	(a)	M.	61-61-61	.89- .89- .89
1849 England	562	(a)	M.	61-61-61	.89- .89- .89	1860 Mass	190	22	M.	78-78-78	.27-1.50- .58
1850 R. I	190	2	M.	84-84-84	.79- .79- .79	1860 Mass	190	1	F.	78-78-78	.54- .54- .54
1850 Belgium	598	(a)	(a)	(a)	.16- .16- .16	1860 R. I	190	2	M.	78-78-78	.79- .79- .79
1851 R. I	190	2	M.	84-84-84	.79- .79- .79	1860 Belgium	598	(a)	(a)	(a)	.19- .19- .19
1852 R. I	190	2	M.	84-84-84	.79- .79- .79	1860 England	563	(a)	M.	60-60-60	.97- .97- .97
1853 R. I	190	2	M.	84-84-84	.79- .79- .79	1861 Mass	190	10	M.	78-78-78	.46-1.25- .72
1854 R. I	190	1	M.	84-84-84	.75- .75- .75	1861 R. I	190	2	M.	78-78-78	.79- .79- .79
1855 R. I	190	2	M.	84-84-84	.75- .75- .75	1861 England	564	(a)	(a)	60-60-60	.97- .97- .97
1856 R. I	190	2	M.	84-84-84	.79- .79- .79	1862 Mass	190	15	M.	78-78-78	.42-1.50- .80
1857 R. I	190	2	M.	84-84-84	.79- .79- .79	1862 Mass	190	10	F.	78-78-78	.42- .42- .42
1858 Mass	190	3	M.	78-78-78	.61- .61- .61	1862 R. I	190	2	M.	78-78-78	.79- .79- .79
1858 R. I	190	2	M.	84-84-84	.79- .79- .79	1863 Mass	190	28	M.	78-78-78	.54-1.25- .70
1859 Me	7	2	M.	(a)	.80-1.13- .97	1863 R. I	190	3	M.	78-78-78	.75- .75- .75
1859 Mass	190	30	M.	78-78-78	.27-1.25- .59	1863 England	565	(a)	(a)	60-60-60	.97- .97- .97
1859 R. I	190	2	M.	84-84-84	.79- .79- .79	1864 Mass	190	42	M.	78-78-78	.50-1.50- .71

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1864 Mass	190	1 F.	78-78-78	0.58-0.58-0.58
1864 R. I	190	3 M.	78-78-78	.92- .92- .92
1865 Mass	190	46 M.	66-66-66	.61-1.50- .91
1865 Mass	190	8 F.	66-66-66	.58- .58- .58
1865 R. I	190	3 M.	78-78-78	1.00-1.00-1.00
1866 Mass	190	38 M.	66-66-66	.61-1.50-1.10
1866 Mass	190	5 F.	66-66-66	.63- .63- .63
1866 R. I	190	3 M.	78-78-78	1.00-1.00-1.00
1867 Mass	190	35 M.	66-66-66	.70-1.50-1.03
1867 Mass	190	10 F.	66-66-66	.63- .67- .63
1867 N. H	7	9 M.	66-74-72	.71-1.69-1.15
1867 R. I	190	3 M.	78-78-78	1.08-1.08-1.08
1868 Mass	190	38 M.	66-66-66	.63-1.50-1.08
1868 Mass	190	11 F.	66-66-66	.63- .67- .63
1868 Pa	7	1 M.	62-62-62	2.00-2.00-2.00
1868 R. I	190	3 M.	72-72-72	1.08-1.08-1.08
1868 Italy	185	(a) F.	(a)	.17- .17- .17
1869 Mass	190	27 M.	66-66-66	.65-1.50-1.12
1869 Mass	190	19 F.	66-66-66	.63- .70- .64
1869 R. I	190	3 M.	72-72-72	1.00-1.00-1.00
1870 Mass	190	30 M.	66-66-66	.65-1.50-1.13
1870 Mass	190	12 F.	66-66-66	.63- .67- .64
1870 Pa	7	1 M.	64-64-64	2.17-2.17-2.17
1870 R. I	190	6 M.	72-72-72	1.00-1.00-1.00
1870 Belgium	598	(a) (a)	(a)	.19- .19- .19
1870 Norway	610	(a) M.	(a)	.54- .54- .54
1870 Norway	610	(a) F.	(a)	.36- .36- .36
1871 Me	7	2 M.	66-66-66	1.50-1.75-1.63
1871 Me	7	6 F.	66-66-66	.58- .79- .72
1871 Mass	190	28 M.	66-66-66	1.00-1.50-1.13
1871 Mass	190	10 F.	66-66-66	.63- .66- .63
1871 R. I	190	6 M.	72-72-72	1.00-1.00-1.00
1871 England	629	(a) M.	(a)	1.22-1.42- —
1871 Norway	185	(a) M.	(a)	.53- .53- .53
1871 Norway	185	(a) F.	(a)	.35- .35- .35
1872 Mass	190	28 M.	66-66-66	1.00-1.50-1.13
1872 Mass	190	7 F.	66-66-66	.63- .67- .64
1872 R. I	190	7 M.	72-72-72	.83-1.00- .98
1872 Germany	185	(a) M.	b 66-66-66	.42- .96- —
1872 Germany	185	(a) F.	c 66-66-66	.23- .42- —
1873 Mass	190	27 M.	66-66-66	.75-1.38-1.10
1873 Mass	190	11 F.	66-66-66	.63- .67- .63
1873 N. H	7	4 F.	66-66-66	.67-1.33- .96
1873 R. I	190	7 M.	72-72-72	1.00-1.25-1.04
1873 England	185	(a) M.	(a)	.32- .97- —
1873 Switzerl'd.	185	(a) F.	(a)	.30- .40- —
1874 Mass	190	31 M.	66-66-66	.75-2.00-1.15
1874 Mass	190	24 F.	66-66-66	.63- .75- .64
1874 Pa	380	7 M.	(a)	.75-2.17-1.16
1874 R. I	190	7 M.	72-72-72	.85-1.06- .88
1875 Me	7	2 M.	64-64-64	.70- .75- .73
1875 Mass	190	37 M.	66-66-66	.75-2.00-1.15
1875 Mass	190	22 F.	66-66-66	.50- .75- .63
1875 Mass	270	51 M.	(a)	1.34-3.27-1.72
1875 Mass	270	3 F.	(a)	.90-1.00- .93
1875 R. I	190	7 M.	72-72-72	1.00-1.25-1.04
1876 Mass	190	36 M.	60-60-60	.75-2.00-1.16
1876 Mass	190	6 F.	60-60-60	.63- .75- .67
1876 N. H	7	4 M.	66-66-66	.75-1.00- .94
1876 N. H	7	1 F.	66-66-66	.75- .75- .75
1876 Pa	381	14 M.	(a)	1.00-2.50-1.60
1876 Pa	382	7 F.	(a)	.60- .60- .60
1876 R. I	190	7 M.	72-72-72	.85-1.25- .95
1877 Mass	190	24 M.	60-60-60	.90-1.50-1.04
1877 Mass	190	4 F.	60-60-60	.60- .75- .66
1877 N. J	317	1 (a)	60-60-60	1.50-1.50-1.50
1877 R. I	190	8 M.	72-72-72	.85-1.00- .89
1877 England	570	(a) M.	57-58 —	.49-1.11- —
1877 England	570	(a) F.	57-57-57	0.43-0.49- —
1877 Ireland	570	(a) F.	54-54-54	.28- .28- .28
1878 Mass	190	28 M.	60-60-60	.75-1.50-1.02
1878 Mass	'90	5 F.	60-60-60	.50- .75- .63
1878 Pa	383	9 M.	d 60-60-60	1.20-2.50-1.97
1878 R. I	190	8 M.	72-72-72	1.00-1.25-1.03
1878 France	33	(a) (a)	(a)	.77- .77- .77
1879 Mass	190	27 M.	60-66-60	.65-1.50- .99
1879 Mass	190	5 F.	60-60-60	.60- .75- .65
1879 Pa	384	16 M.	e 60-72-62	1.00-2.00-1.49
1879 R. I	190	8 M.	72-72-72	1.00-1.25-1.03
1880 Conn	202	290 F.	(a)	.88- .88- .88
1880 Conn	271	2 (a)	66-66-66	1.33-2.25-1.79
1880 Mass	190	32 M.	60-60-60	.75-1.60-1.06
1880 Mass	190	13 F.	60-60-60	.60- .80- .66
1880 N. H	7	2 M.	69-69-69	1.25-1.25-1.25
1880 N. J	7	1 F.	(a)	.83- .83- .83
1880 R. I	190	5 M.	72-72-72	.90-1.00- .98
1880 Belgium	598	(a) (a)	(a)	.19- .19- .19
1880 England	571	(a) M.	58-58-58	.49-1.05- —
1880 England	571	(a) F.	54-54-54	.61- .61- .61
1880 Scotland	571	(a) M.	56-56-56	.97- .97- .97
1881 Ky	7	11 F.	(a)	.46- .68- .55
1881 Mass	190	33 M.	60-60-60	.75-1.60-1.11
1881 Mass	190	8 F.	60-60-60	.63- .80- .67
1881 N. H	7	59 M.	65-65-65	.50-2.00-1.24
1881 N. H	7	72 F.	65-65-65	.50-1.42- .89
1881 N. J	320	1 M.	66-66-66	1.25-1.25-1.25
1881 R. I	190	5 M.	72-72-72	.90-1.00- .98
1882 Me	7	3 M.	66-66-66	1.25-1.50-1.42
1882 Me	7	8 F.	66-66-66	.75-1.25- .81
1882 Mass	190	28 M.	60-60-60	.75-1.60-1.10
1882 Mass	190	11 F.	60-60-60	.63-1.00- .70
1882 N. J	321	69 M.	60-66-65	1.15-1.33-1.22
1882 N. J	321	12 F.	66-66-66	1.00-1.00-1.00
1882 Ohio	364	17 (a)	60-66-61	.75-2.00-1.53
1882 R. I	190	5 M.	72-72-72	.90-1.00- .98
1882 Belgium	36	(a) M.	72-72-72	.72- .72- .72
1882 France	33	(a) M.	72-72-72	.68- .77- —
1882 France	40	(a) M.	72-72-72	.75- .75- .75
1883 Ga	7	1 M.	(a)	1.50-1.50-1.50
1883 Mass	190	31 M.	60-60-60	.75-1.60-1.10
1883 Mass	190	19 F.	60-60-60	.63-1.00- .69
1883 Mass	273	208 M.	(a)	.80-2.00-1.36
1883 Mass	273	176 F.	(a)	.75-1.07- .93
1883 Mass	273	15 (a)	(a)	.80-1.00- .98
1883 N. H	7	12 M.	66-66-66	.70-1.33-1.11
1883 N. H	7	2 F.	66-66-66	.70- .70- .70
1883 N. J	7	37 M.	f 60-60-60	.50-2.17-1.68
1883 N. J	7	16 F.	(a)	.50- .83- .66
1883 N. J	322	232 M.	g 60-60-60	.50-2.00-1.51
1883 N. J	322	65 F.	h 60-60-60	.92-1.67-1.30
1883 R. I	190	5 M.	72-72-72	.90-1.00- .98
1883 England	572	(a) M.	57-60 —	.32-1.12- —
1883 England	572	(a) F.	57-57-57	.42- .42- .42
1883 Gr't Brit	273	(a) M.	(a)	.73-1.22- —
1883 Gr't Brit	273	(a) F.	(a)	.49- .49- .49
1883 Gr't Brit	273	(a) (a)	(a)	.41- .73- —
1883 Scotland	43	(a) M.	(a)	.81- .85- —
1883 Scotland	572	(a) M.	57-57-57	.39- .76- —
1883 Scotland	572	(a) F.	57-57-57	.36- .36- .36
1884 Ga	7	1 M.	66-66-66	1.00-1.00-1.00
1884 Ky	7	9 M.	66-66-66	.60-1.00- .91
1884 Ky	7	26 F.	66-66-66	.50- .75- .65
1884 Mass	190	20 M.	60-60-60	.60-1.60-1.07
1884 Mass	190	25 F.	60-60-60	.63-1.00- .69
1884 N. J	323	101 M.	60-60-60	1.25-3.00-1.28
1884 N. Y	7	7 M.	60-60-60	.83-1.50-1.21

a Not reported.
b Applies to but 2 of the 7 wage quotations.
c Applies to but 1 of the 3 wage quotations.
d Not including hours of 1 person not reported.
e Not including hours of 3 persons not reported.
f Not including hours of 8 persons not reported.
g Not including hours of 28 persons not reported.
h Not including hours of 18 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, TEXTILES—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 R. I	190	5 M.	72-72-72	0.90-1.00-0.98
1884 S. C	7	4 M.	(a)	.85- .85- .85
1884 Aust-Hun	178	(a) M.	69-69-69	.23- .67- —
1884 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1884 Canada	178	(a) M.	60-60-60	.38-2.00- —
1884 Canada	178	(a) F.	60-60-60	.38- .83- —
1884 Canada	466	(a) M.	60-60-60	.56-1.46- —
1884 Canada	466	(a) F.	57-60 —	.70- .86- —
1884 England	178	(a) F.	57-57-57	.42- .42- .42
1884 Italy	178	(a) (a)	(a)	.09½-.16- —
1884 Netherl'ds	178	(a) (a)	64-64-64	.60- .70- —
1884 Persia	178	(a) (a)	(a)	.16- .48- —
1885 Cal	1	8 M.	60-60-60	1.00-1.00-1.00
1885 Conn	1	14 M.	66-69-68	.90-1.25- .98
1885 Conn	1	10 F.	60-60-60	1.25-1.25-1.25
1885 Del	1	12 M.	60-60-60	1.00-3.00-1.27
1885 Ill	1	9 M.	63-63-63	1.40-1.40-1.40
1885 Ill	1	14 F.	63-63-63	.72- .72- .72
1885 Ind	1	40 M.	66-66-66	.58-2.50- .92
1885 Ind	1	1 F.	66-66-66	1.21-1.21-1.21
1885 Iowa	1	2 M.	60-60-60	1.50-1.50-1.50
1885 Iowa	1	3 F.	60-60-60	.75- .75- .75
1885 Ky	1	31 M.	66-66-66	.33-1.43- .57
1885 Me	1	6 M.	66-66-66	.90-1.66-1.19
1885 Me	7	67 M.	60-66-65	.65-2.00-1.23
1885 Me	7	27 F.	64-66-65	.65-1.25- .77
1885 Md	1	5 M.	66-66-66	.56- .80- .66
1885 Mass	1	139 M.	60-60-60	.65-1.50- .97
1885 Mass	1	105 F.	60-60-60	.75-1.50- .93
1885 Mass	7	13 M.	60-60-60	1.00-1.50-1.23
1885 Mass	190	19 M.	60-60-60	.60-2.00-1.07
1885 Mass	190	41 F.	60-60-60	.63-1.25- .67
1885 Mo	1	9 M.	60-60-60	2.00-2.00-2.00
1885 Mo	1	13 F.	60-60-60	2.00-2.00-2.00
1885 N. H	1	35 M.	60-60-60	.95-1.30-1.25
1885 N. H	1	34 F.	60-60-60	.90- .90- .90
1885 N. H	7	34 M.	66-66-64	.50-1.63-1.09
1885 N. H	7	2 F.	66-66-66	.72-1.00- .86
1885 N. J	1	84 M.	60-60-60	.75-1.00- .93
1885 N. J	1	24 F.	60-60-60	.66- .66- .66
1885 N. J	7	4 M.	(a)	2.25-2.25-2.25
1885 N. J	324	60 M.	60-60-60	1.17-2.00-1.31
1885 N. Y	1	74 M.	60-66-65	1.25-2.15-1.55
1885 N. Y	1	20 F.	60-60-60	.75- .75- .75
1885 N. Y	7	1 M.	60-60-60	1.50-1.50-1.50
1885 N. Y	330	1 F.	60-60-60	1.15-1.15-1.15
1885 N. C	1	5 M.	69-69-69	.75- .85- .77
1885 N. C	1	3 F.	69-69-69	.50- .50- .50
1885 Pa	1	39 M.	60-60-60	.63-1.50-1.32
1885 Pa	1	2 F.	60-60-60	.93- .93- .93
1885 Pa	7	5 M.	60-60-60	1.00-1.67-1.43
1885 R. I	190	5 M.	72-72-72	.90-1.00- .98
1885 Tenn	7	6 M.	67-67-67	.70-1.40-1.04
1885 Br. India	459	(a) (a)	(a)	.07- .07- .07
1885 Canada	467	(a) M.	60-64 —	.63-1.28- —
1885 Canada	467	(a) F.	60-62 —	.56- .80- —
1885 Gr't Brit	1	(a) M.	60-60-60	.36- .87- —
1886 Conn	201	2 M.	(a)	.65-1.00- .83
1886 Conn	201	1 F.	(a)	.65- .65- .65
1886 Ind	7	1 M.	60-60-60	1.33-1.33-1.33
1886 Ind	7	3 F.	60-60-60	.38- .83- .60
1886 Iowa	7	4 M.	60-60-60	.88-1.40-1.13
1886 Mass	190	23 M.	60-60-60	.60-1.50- .97
1886 Mass	190	28 F.	60-60-60	.65-1.00- .66
1886 N. H	7	11 M.	60-60-60	.90-1.55-1.24
1886 N. J	325	42 M.	60-60-60	1.17-2.00-1.53
1886 Pa	3	2 F.	53-53-53	.80- .80- .80
1886 Pa	7	54 M.	b 60-60-60	.67-3.50-1.37
1886 Pa	7	14 F.	60-60-60	0.88-1.00-0.98
1886 R. I	3	3 F.	c 60-60-60	.75- .95- .88
1886 R. I	190	5 M.	60-60-60	1.00-1.00-1.00
1886 Belgium	598	(a) (a)	(a)	.19- .19- .19
1886 Br. India	459	(a) (a)	(a)	.07- .07- .07
1886 Canada	468	(a) M.	60-62 —	.60-1.50- —
1886 Canada	468	(a) F.	58-60 —	.74- .77- —
1886 England	600	(a) F.	57-57-57	.38- .41- —
1886 Scotland	67	(a) (a)	57-57-57	.83- .83- .83
1886 Scotland	600	(a) F.	57-57-57	.29- .29- .29
1887 Cal	3	1 F.	64-64-64	1.00-1.00-1.00
1887 Conn	202	188 M.	(a)	.75-1.67-1.36
1887 Conn	202	143 F.	(a)	.57- .89- .83
1887 Ga	3	1 F.	66-66-66	.75- .75- .75
1887 Ky	3	3 F.	60-62-61	.42- .49- .46
1887 Mass	3	1 F.	54-54-54	1.00-1.00-1.00
1887 Mass	190	20 M.	60-60-60	.60-1.50-1.08
1887 Mass	190	23 F.	60-60-60	.65-1.00- .68
1887 N. Y	3	5 F.	52-59-55	.42-1.17- .74
1887 R. I	190	5 M.	60-60-60	1.00-1.00-1.00
1887 Wis	409	13 (a)	(a)	1.32-2.12-1.38
1887 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1887 Canada	469	(a) M.	60-60-60	1.51-1.51-1.51
1887 Canada	469	(a) F.	57-57-57	.47- .50- —
1887 Germany	75	(a) M.	66-66-66	.80-1.20- —
1888 Cal	194	1 F.	66-66-66	1.00-1.00-1.00
1888 Me	254	1 M.	60-60-60	1.08-1.08-1.08
1888 Mass	190	16 M.	60-60-60	.90-1.50-1.20
1888 Mass	190	16 F.	60-60-60	.65-1.00- .72
1888 N. H	6	2 M.	60-60-60	1.50-1.50-1.50
1888 N. J	6	6 M.	(a)	1.00-1.34-1.20
1888 N. J	326	37 M.	d 60-63-61	1.33-3.33-2.44
1888 N. Y	331	51 M.	e 55-60-58	.75-2.33-1.50
1888 N. Y	331	9 F.	f 55-55-55	.67-1.00- .89
1888 N. C	6	3 M.	(a)	1.25-1.50-1.42
1888 R. I	6	10 M.	g 60-60-60	.80-1.25- .89
1888 R. I	6	6 F.	(a)	.83- .83- .83
1888 R. I	190	5 M.	60-60-60	1.00-1.00-1.00
1888 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1888 Canada	470	(a) M.	60-62 —	1.14-1.48- —
1888 Canada	470	(a) F.	56-56-56	.67- .67- .67
1889 Cal	6	22 M.	(a)	.90-1.35-1.06
1889 Conn	6	19 M.	(a)	.50-1.50-1.02
1889 Conn	6	11 F.	(a)	.75-1.00- .90
1889 Me	6	1 M.	60-60-60	1.75-1.75-1.75
1889 Mass	190	7 M.	60-60-60	1.00-1.50-1.19
1889 Mass	190	12 F.	60-60-60	.65-1.00- .70
1889 Mo	6	1 M.	(a)	.84- .84- .84
1889 N. H	6	8 M.	60-60-60	.80-1.62-1.42
1889 N. Y	6	13 M.	(a)	.63-1.75-1.21
1889 N. Y	6	2 F.	(a)	1.00-1.00-1.00
1889 Pa	6	2 M.	(a)	1.83-2.00-1.92
1889 R. I	190	5 M.	60-60-60	1.00-1.00-1.00
1889 Br. India	459	(a) (a)	(a)	.07- .07- .07
1889 Canada	471	(a) M.	59-60 —	1.79-2.07- —
1889 Canada	471	(a) F.	56-56-56	.62- .62- .62
1889 France	6	(a) F.	(a)	.37- .39- —
1889 Portugal	691	(a) (a)	(a)	.11- .70- —
1890 Mass	190	15 M.	60-60-60	1.00-1.50-1.18
1890 Mass	190	14 F.	60-60-60	.65-1.00- .73
1890 Mo	6	3 M.	(a)	.77-1.00- .89
1890 Mo	6	3 F.	(a)	.50- .77- .68
1890 N. J	6	1 M.	60-60-60	.50- .50- .50
1890 N. Y	6	2 M.	60-60-60	.80-1.00- .90
1890 N. Y	333	530 M.	(a)	.50-5.00-1.23
1890 N. Y	333	11 F.	(a)	.63-1.70-1.10
1890 Pa	6	7 F.	60-60-60	.83- .83- .83
1890 R. I	190	5 M.	60-60-60	1.00-1.00-1.00

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 34 persons not reported.
e Not including hours of 42 persons not reported.
f Not including hours of 6 persons not reported.
g Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, TEXTILES—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Australia	423	(a) M.	50-50-50	0.61-1.62- —
1890 Br. India	459	(a) (a)	(a)	.08½-.08½-.08½
1890 England	6	(a) F.	57-57-57	.42- .42- .42
1890 Germany	6	(a) M.	b66-66-66	.24- .63- —
1890 Germany	6	(a) F.	66-66-66	.29- .41- —
1890 Germany	94	(a) (a)	(a)	.80-1.20- —
1890 Switzerl'd.	6	(a) F.	(a)	.19- .54- —
1891 Me.	257	1 F.	60-60-60	1.00-1.00-1.00
1891 Mass	190	19 M.	60-60-60	.85-1.50-1.18
1891 Mass	190	21 F.	60-60-60	.65-1.00- .72
1891 N. Y.	333	570 M.	(a)	.50-5.00-1.25
1891 N. Y.	333	11 F.	(a)	.63-1.85-1.13
1891 R. I	190	5 M.	60-60-60	1.00-1.00-1.00
1891 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
(c) Switzerl'd.	595	(a) M.	(a)	.65- .80- —
1892 Ind	227	12 M.	54-60-60	1.10-1.95-1.53
1892 Ind	227	3 F.	60-60-60	.66- .66- .66
1892 Me.	258	11 F.	60-60-60	1.00-1.42-1.18
1892 R. I	20	3 M.	60-60-60	1.10-1.10-1.10
1892 R. I	190	3 M.	60-60-60	1.00-1.00-1.00
1892 Australia	424	(a) M.	(a)	.61-2.03- —
1892 Br. India	459	(a) (a)	(a)	.07- .07- .07
1892 France	505	(a) M.	63-72 —	.68-2.32- —
1892 France	505	(a) F.	66-72 —	.39- .63- —
1892 Russia	692	(a) (a)	(a)	.30- .33- —
1893 N. J	327	7 F.	60-60-60	.75- .83- .80
1893 R. I	20	3 M.	60-60-60	1.10-1.10-1.10
1893 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1893 England	632	(a) F.	(a)	.41- .41- .41
1893 Ireland	632	(a) F.	(a)	.41- .41- .41
1893 Scotland	632	(a) F.	(a)	.35- .35- .35
1893 Wales	632	(a) F.	56-56-56	.28- .36- —
1894 Ind	228	8 (a)	60-60-60	.83-1.50-1.16
1894 Ohio	375	45 M.	60-60-60	1.20-2.00-1.33
1894 Ohio	375	30 F.	60-60-60	.70- .90- .86
1894 R. I	20	3 M.	60-60-60	1.00-1.00-1.00
1894 R. I	401	31 (a)	(a)	.67-3.50-1.47
1894 S. C	8	1 M.	66-66-66	.65- .65- .65
1894 Australia	425	(a) (a)	(a)	1.22-1.62- —
1894 Br. India	459	(a) (a)	(a)	.05½-.05½-.05½
1894 Scotland	590	(a) (a)	(a)	.89- .89- .89
1895 Ga	7	3 M.	66-66-66	1.17-1.17-1.17
1895 Ga	8	3 M.	66-66-66	.80- .90- .83
1895 Me.	7	93 M.	60-60-60	.67-2.00-1.19
1895 Me.	7	151 F.	60-60-60	.65-2.00- .87
1895 Mass	7	42 M.	58-58-58	.68-1.61-1.15
1895 Mass	8	1 M.	60-60-60	1.50-1.50-1.50
1895 N. H	7	101 M.	60-60-60	0.70-2.00-1.18
1895 N. H	7	25 F.	60-60-60	.50-1.10- .90
1895 N. J	7	19 M.	55-60-56	1.08-2.25-1.66
1895 N. J	7	23 F.	55-55-55	.50-1.13- .74
1895 N. Y.	7	18 M.	60-60-60	1.33-2.00-1.52
1895 N. Y.	8	3 M.	60-60-60	2.00-2.00-2.00
1895 N. Y.	341	1 F.	60-60-60	1.17-1.17-1.17
1895 N. C.	7	4 M.	72-72-72	.50-1.00- .81
1895 N. C.	8	4 M.	66-70-68	.67-1.25- .95
1895 Ohio	376	23 M.	60-60-60	1.33-2.25-1.48
1895 Ohio	376	17 F.	60-60-60	.56-1.00- .74
1895 Pa	7	2 M.	60-60-60	.92- .92- .92
1895 Pa	7	40 F.	60-60-60	.50- .83- .60
1895 R. I	20	3 M.	60-60-60	1.10-1.10-1.10
1895 S. C	7	5 M.	66-66-66	.85- .85- .85
1895 Tenn.	7	4 M.	66-67-67	.45-1.50- .93
1895 Wis	413	1 (a)	60-60-60	2.50-2.50-2.50
1895 Australia	426	(a) (a)	(a)	1.22-1.62- —
1895 Br. India	459	(a) (a)	(a)	.05- .05- .05
1895 England	591	(a) (a)	(a)	.57- .65- —
1896 Ga	7	1 M.	66-66-66	1.25-1.25-1.25
1896 Ga	8	1 M.	66-66-66	1.25-1.25-1.25
1896 Ind	7	2 M.	60-60-60	1.50-2.50-2.00
1896 Ind	7	2 F.	60-60-60	.42- .63- .53
1896 Iowa	7	2 M.	60-60-60	.70-2.50-1.60
1896 Ky	7	7 M.	60-60-60	1.00-1.00-1.00
1896 Ky	7	58 F.	60-60-60	.33- .75- .61
1896 Minn	7	5 M.	60-60-60	1.20-1.92-1.60
1896 Ohio	377	44 M.	d59-60-59	1.17-1.52-1.32
1896 Ohio	377	58 F.	42-60-52	.60-1.25- .92
1896 Pa	7	73 M.	51-60-60	.50-4.00-1.41
1896 Pa	7	18 F.	60-60-60	.90-1.00- .91
1896 Australia	427	(a) (a)	(a)	1.22-1.82- —
1896 Aust-Hun	436	(a) (a)	66-66-66	.43- .43- .43
1896 Br. India	459	(a) (a)	(a)	.05½-.05½-.05½
1896 England	592	(a) (a)	(a)	.61- .73- —
1896 France	505	(a) M.	66-66-66	1.25-1.25-1.25
1896 France	510	(a) (a)	66-66-66	.63- .63- .63
1897 Australia	428	(a) F.	(a)	.32- .49- —
1897 Australia	428	(a) (a)	(a)	1.62-1.82- —
1897 Aust-Hun	437	(a) (a)	66-66-66	.30- .68- —
1897 England	593	(a) (a)	(a)	.73- .81- —
1898 Australia	429	(a) F.	(a)	.32- .49- —
1898 Australia	429	(a) (a)	(a)	1.62-1.82- —
1899 N. J.	18	30 M.	60-60-60	.94-1.09-1.00
1900 N. J	18	30 M.	60-60-60	1.08-1.25-1.17

FINISHERS, TOOLS.

1870	Me	8	1	M.	60-60-60	2.00-2.00-2.00	1888	N. Y.	331	1	F.	50-50-50	1.00-1.00-1.00
1877	Pa	382	8	M.	60-60-60	1.75-2.00-1.88	1890	N. Y.	333	8	M.	(a)	1.00-2.04-1.81
1879	Pa	384	5	M.	60-60-60	2.00-2.00-2.00	1891	N. Y.	333	9	M.	(a)	1.00-2.04-1.84
1882	Mo	294	1	M.	60-60-60	1.67-1.67-1.67	1894	Ind	228	2	M.	60-60-60	2.62-2.62-2.62
1883	Gr't Brit	273	(a)	M.	(a)	1.14-1.22- —	1895	Ohio	376	3	M.	60-60-60	1.39-1.39-1.39
1883	Gr't Brit	273	(a)	(a)	(a)	.16- .49- —	1895	Pa	8	3	M.	54-60-58	.81-2.50-1.60
1884	Aust-Hun	178	(a)	M.	60-60-60	.60-1.00- —	1895	Pa	8	6	F.	54-54-54	.81- .81- .81
1888	N. J	326	2	M.	(a)	2.25-2.25-2.25	1896	Ohio	377	50	M.	60-60-60	.75-1.99-1.94

FINISHERS, TORTOISE SHELL GOODS.

1888	N. Y.	331	3	M.	59-59-59	3.33-3.33-3.33	1891	N. Y.	333	3	M.	(a)	1.33-2.42-2.06

a Not reported.
b Applies to but 7 of the 8 wage quotations.
c Average for 1888–91.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FINISHERS, TRUNKS AND BAGS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Mo.	294	8 M.	60-60-60	1.50-3.50-2.62
1884 Mo.	295	3 M.	60-60-60	2.25-2.92-2.64
1887 Wis.	409	17 M.	(a)	1.51-1.51-1.51
1890 N. Y.	333	12 M.	(a)	.50-2.17-1.32
1891 N. Y.	333	10 M.	(a)	0.50-2.17-1.20
1892 Cal.	196	1 (a)	57-57-57	2.00-2.00-2.00
1896 Ohio	377	29 M.	60-60-60	1.65-1.65-1.65

FINISHERS, UMBRELLAS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Pa.	3	1 F.	52-52-52	1.00-1.00-1.00
1887 Mass.	3	5 F.	48-51-50	.58-1.21- .97
1887 N. Y.	3	1 F.	51-51-51	1.67-1.67-1.67
1887 Pa.	3	4 F.	45-57-54	.83-1.17- .96
1888 N. Y.	331	19 M.	53-60-57	1.92-2.50-2.19
1890 N. Y.	333	22 M.	(a)	2.00-2.75-2.43
1891 N. Y.	333	22 M.	(a)	2.00-2.75-2.44
1893 N. Y.	10	2 M.	60-60-60	1.67-2.33-2.00
1893 Pa.	10	1 F.	60-60-60	.67- .67- .67
1894 Ohio	375	2 M.	(a)	1.50-1.50-1.50

FINISHERS, UPPER, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Md.	3	2 F.	58-59-59	.50- .50- .50
1887 Ky.	3	1 F.	58-58-58	.75- .75- .75
1887 Md.	3	1 F.	59-59-59	.50- .50- .50
1887 N. Y.	3	1 F.	60-60-60	.32- .32- .32
1888 N. Y.	331	1 M.	59-59-59	.83- .83- .83
1888 N. Y.	331	3 F.	47-47-47	1.00-1.00-1.00
1892 Me.	258	1 F.	(a)	1.00-1.00-1.00
1893 N. J.	327	2 F.	56-56-56	.67- .92- .80
1895 Mass.	8	2 M.	60-60-60	2.00-2.00-2.00

FINISHERS, WATCH CASES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Mass.	8	1 M.	60-60-60	3.50-3.50-3.50
1886 Ill.	208	16 M.	60-60-60	2.83-2.83-2.83
1886 Pa.	3	1 F.	59-59-59	1.17-1.17-1.17
1888 N. Y.	331	10 M.	(a)	2.38-2.38-2.38
1890 N. Y.	333	181 M.	(a)	1.30-4.17-1.35
1891 N. Y.	333	190 M.	(a)	.50-5.00-1.67
1897 N. Y.	8	4 M.	60-60-60	1.83-2.50-2.29

FINISHERS, WATCHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 Ill.	2	47 M.	60-60-60	1.72-1.72-1.72
1884 England	178	(a) M.	54-60 —	1.30-2.43- —
1887 Mass.	3	1 F.	59-59-59	1.50-1.50-1.50

FINISHERS, WHIPS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	7	1 M.	60-60-60	2.00-2.00-2.00
1886 N. Y.	7	3 F.	60-60-60	1.00-1.00-1.00
1887 Ohio	369	11 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	5 M.	(a)	1.83-1.92-1.90
1891 N. Y.	333	7 M.	(a)	1.92-2.00-1.93
1891 Ohio	372	11 M.	60-60-60	1.25-1.25-1.25
1895 N. Y.	8	1 M.	60-60-60	2.17-2.17-2.17
1896 N. Y.	7	1 M.	60-60-60	2.17-2.17-2.17
1896 N. Y.	7	3 F.	60-60-60	1.00-1.30-1.10

FINISHERS, WIRE AND WIRE GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Conn.	7	6 M.	60-60-60	.67-1.80-1.19
1886 N. J.	325	2 M.	60-60-60	6.17-6.17-6.17
1887 Ill.	3	1 F.	53-53-53	1.21-1.21-1.21
1888 N. Y.	331	32 M.	b 60-60-60	1.50-2.50-1.67
1890 Mich.	282	1 M.	60-60-60	.92- .92- .92
1890 N. Y.	333	12 M.	(a)	1.35-2.33-1.60
1891 N. Y.	333	18 M.	(a)	.80-2.33-1.21
1891 France	505	(a) M.	c 66-66-66	.72-1.25- —
1895 Conn.	7	7 M.	60-60-60	1.18-1.48-1.38
1895 Ohio	376	25 M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	25 F.	60-60-60	1.00-1.00-1.00

a Not reported.
b Not including hours of 28 persons not reported.
c Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIRE BOSSES, MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	8 M.	(a)	2.76-3.26-2.88	1889 Pa	5	3 M.	c 60-60-60	2.00-2.30-2.10
1877 Pa	382	11 M.	60-60-60	3.14-3.14-3.14	1891 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1878 Pa	383	4 M.	b 60-60-60	1.94-2.25-2.03	1895 Kans	249	1 M.	60-60-60	2.50-2.50-2.50
1879 Pa	384	1 M.	48-48-48	2.00-2.00-2.00	1895 Pa	8	3 M.	60-60-60	2.25-3.25-2.83
1887 Colo	198	1 M.	(a)	3.50-3.50-3.50	1897 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1889 Ill	5	5 M.	60-60-60	1.90-2.50-2.16					

FIRE KINDLERS, RAILROAD.

1884 Wales	178	(a) M.	(a)	.64-1.05- —	1887 N. Y.	4	3 F.	(a)	.16- .38- .30
1887 Mass	4	2 M.	(a)	.50-1.75-1.13	1887 Pa	4	1 M.	(a)	.16- .16- .16
1887 N. Y.	4	13 M.	(a)	.16- .75- .42					

FIREMEN, ILLUMINATING GAS.

1840 N. Y.	190	4 M.	84-84-84	1.20-1.20-1.20	1859 England ..	563	(a) M.	56-56-56	.97- .97- .97
1840 England ..	564	(a) (a)	72-72-72	.73- .73- .73	1860 Mass	190	7 M.	84-84-84	1.00-1.00-1.00
1841 N. Y.	190	4 M.	84-84-84	1.20-1.20-1.20	1860 N. Y.	190	80 M.	84-84-84	1.34-1.34-1.34
1842 N. Y.	190	6 M.	84-84-84	1.20-1.20-1.20	1860 Ohio	190	58 M.	84-84-84	1.23-1.23-1.23
1843 N. Y.	190	5 M.	84-84-84	1.20-1.20-1.20	1860 Ohio	361	1 M.	(a)	1.71-1.71-1.71
1844 N. Y.	190	4 M.	84-84-84	1.20-1.20-1.20	1860 England ..	564	(a) (a)	56-72 —	.97- .97- .97
1845 N. Y.	190	6 M.	84-84-84	1.20-1.20-1.20	1861 Mass	190	7 M.	84-84-84	1.00-1.00-1.00
1846 N. Y.	190	11 M.	84-84-84	1.20-1.20-1.20	1861 N. Y.	190	90 M.	84-84-84	1.34-1.34-1.34
1847 N. Y.	190	12 M.	84-84-84	1.20-1.20-1.20	1861 Ohio	190	58 M.	84-84-84	1.23-1.23-1.23
1848 N. Y.	190	17 M.	84-84-84	1.20-1.20-1.20	1861 England ..	564	(a) (a)	56-70 —	.87- .97- —
1849 N. Y.	190	26 M.	84-84-84	1.20-1.20-1.20	1862 Mass	190	12 M.	84-84-84	1.00-1.00-1.00
1849 Ohio	190	22 M.	84-84-84	1.15-1.15-1.15	1862 N. Y.	190	90 M.	84-84-84	1.34-1.34-1.34
1850 Mass	190	4 M.	84-84-84	1.00-1.00-1.00	1862 Ohio	190	75 M.	84-84-84	1.23-1.23-1.23
1850 N. Y.	190	20 M.	84-84-84	1.20-1.20-1.20	1863 Mass	190	14 M.	84-84-84	1.13-1.13-1.13
1850 Ohio	190	22 M.	84-84-84	1.15-1.15-1.15	1863 N. Y.	190	60 M.	84-84-84	1.75-1.75-1.75
1850 England ..	564	(a) (a)	72-72-72	.69- .69- .69	1863 Ohio	190	75 M.	84-84-84	1.42-1.42-1.42
1851 Mass	190	4 M.	84-84-84	1.00-1.00-1.00	1863 England ..	565	(a) (a)	56-56-56	.97- .97- .97
1851 N. Y.	190	20 M.	84-84-84	1.20-1.20-1.20	1864 Mass	190	14 M.	84-84-84	1.37-1.37-1.37
1851 Ohio	190	30 M.	84-84-84	1.15-1.27-1.26	1864 N. Y.	190	80 M.	84-84-84	2.00-2.00-2.00
1852 Mass	190	6 M.	84-84-84	1.00-1.00-1.00	1864 Ohio	190	213 M.	84-84-84	2.00-2.50-2.26
1852 N. Y.	190	40 M.	84-84-84	1.22-1.22-1.22	1865 Mass	190	15 M.	84-84-84	1.75-1.75-1.75
1852 Ohio	190	28 M.	84-84-84	1.27-1.27-1.27	1865 N. Y.	190	70 M.	84-84-84	2.50-2.50-2.50
1853 Mass	190	6 M.	84-84-84	1.00-1.00-1.00	1865 Ohio	190	123 M.	84-84-84	2.00-2.25-2.08
1853 N. Y.	190	30 M.	84-84-84	1.22-1.22-1.22	1866 Mass	190	11 M.	84-84-84	1.75-1.75-1.75
1853 Ohio	190	28 M.	84-84-84	1.27-1.27-1.27	1866 N. Y.	190	80 M.	84-84-84	2.50-2.50-2.50
1854 Mass	190	5 M.	84-84-84	1.00-1.00-1.00	1866 Ohio	190	133 M.	84-84-84	2.25-2.25-2.25
1854 N. Y.	190	40 M.	84-84-84	1.34-1.34-1.34	1866 England ..	566	(a) M.	70-70-70	.91- .91- .91
1854 Ohio	190	34 M.	84-84-84	1.27-1.27-1.27	1866 Scotland ..	566	(a) M.	84-84-84	.90- .95- —
1855 Mass	190	7 M.	84-84-84	1.00-1.00-1.00	1867 Mass	190	15 M.	84-84-84	2.00-2.00-2.00
1855 N. Y.	190	60 M.	84-84-84	1.34-1.34-1.34	1867 N. Y.	190	90 M.	84-84-84	2.50-2.50-2.50
1855 Ohio	190	34 M.	84-84-84	1.27-1.27-1.27	1867 Ohio	190	153 M.	84-84-84	2.25-2.25-2.25
1855 England ..	561	(a) (a)	(a)	.97- .97- .97	1868 Mass	190	14 M.	84-84-84	2.00-2.00-2.00
1856 Mass	190	7 M.	84-84-84	1.00-1.00-1.00	1868 N. Y.	190	80 M.	84-84-84	2.70-2.70-2.70
1856 N. Y.	190	60 M.	84-84-84	1.34-1.34-1.34	1868 Ohio	190	153 M.	84-84-84	2.25-2.25-2.25
1856 Ohio	190	34 M.	84-84-84	1.27-1.27-1.27	1869 Mass	190	19 M.	84-84-84	2.00-2.00-2.00
1856 England ..	561	(a) (a)	(a)	.97- .97- .97	1869 N. Y.	190	95 M.	84-84-84	3.00-3.00-3.00
1856 Switzerl'd.	714	(a) (a)	(a)	.46- .46- .46	1869 Ohio	190	153 M.	84-84-84	2.25-2.25-2.25
1857 Mass	190	7 M.	84-84-84	1.00-1.00-1.00	1870 Mass	190	15 M.	84-84-84	2.00-2.00-2.00
1857 N. Y.	190	65 M.	84-84-84	1.34-1.34-1.34	1870 N. Y.	190	90 M.	84-84-84	3.00-3.00-3.00
1857 Ohio	190	40 M.	84-84-84	1.27-1.27-1.27	1870 Ohio	190	257 M.	84-84-84	2.25-2.25-2.25
1857 England ..	561	(a) (a)	(a)	.97- .97- .97	1870 Norway ...	610	(a) M.	(a)	.46- .54- —
1858 Mass	190	8 M.	84-84-84	1.00-1.00-1.00	1871 Mass	190	18 M.	84-84-84	2.00-2.00-2.00
1858 N. Y.	190	65 M.	84-84-84	1.34-1.34-1.34	1871 N. Y.	190	100 M.	84-84-84	3.00-3.00-3.00
1858 Ohio	190	40 M.	84-84-84	1.23-1.23-1.23	1871 Ohio	190	257 M.	84-84-84	2.25-2.50-2.40
1858 England ..	562	(a) M.	(a)	.97- .97- .97	1871 England ..	568	(a) M.	84-84-84	1.18-1.18-1.18
1859 Mass	190	8 M.	84-84-84	1.00-1.00-1.00	1871 Ireland ...	568	(a) M.	70-70-70	.85-1.10- —
1859 N. Y.	190	80 M.	84-84-84	1.34-1.34-1.34	1871 Netherl'ds	611	(a) M.	84-84-84	.63- .72- —
1859 Ohio	190	58 M.	84-84-84	1.23-1.23-1.23	1871 Norway ...	185	(a) M.	(a)	.46- .54- —

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, ILLUMINATING GAS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Mass	190	23 M.	84-84-84	2.00-2.00-2.00
1872 N. Y	190	110 M.	84-84-84	3.00-3.00-3.00
1872 Ohio	190	257 M.	84-84-84	2.25-2.50-2.40
1872 Ohio	361	1 M.	(a)	2.14-2.14-2.14
1872 England	185	(a) M.	84-84-84	1.18-1.18-1.18
1872 Ireland	185	(a) M.	70-70-70	.85-1.09- —
1872 Netherl'ds	185	(a) (a)	84-84-84	.63- .73- —
1873 Mass	190	24 M.	84-84-84	2.25-2.25-2.25
1873 N. Y	190	100 M.	84-84-84	4.00-4.00-4.00
1873 Ohio	190	84 M.	84-84-84	2.50-2.50-2.50
1873 Sweden	167	(a) M.	84-84-84	b.67- .67- .67
1873 Switzerl'd	714	(a) (a)	(a)	.77- .77- .77
1874 Mass	190	44 M.	84-84-84	2.00-2.25-2.20
1874 N. Y	190	110 M.	84-84-84	3.50-3.50-3.50
1874 Ohio	190	124 M.	84-84-84	2.50-2.50-2.50
1874 Ireland	569	(a) M.	72-72-72	1.08-1.22- —
1875 Mass	190	26 M.	84-84-84	1.84-2.15-2.03
1875 N. Y	190	110 M.	84-84-84	3.25-3.25-3.25
1875 Ohio	190	130 M.	84-84-84	2.25-2.50-2.44
1876 Mass	190	21 M.	84-84-84	1.80-2.15-1.96
1876 N. Y	190	80 M.	84-84-84	3.25-3.25-3.25
1876 Ohio	190	72 M.	84-84-84	2.25-2.50-2.40
1877 Mass	190	18 M.	84-84-84	1.66-2.15-1.77
1877 N. Y	190	80 M.	84-84-84	3.00-3.00-3.00
1877 Ohio	190	72 M.	84-84-84	2.25-2.50-2.40
1877 Ohio	359	16 M.	(a)	1.90-1.90-1.90
1877 England	570	(a) M.	c84-84-84	1.04-1.39- —
1877 Ireland	570	(a) M.	84-84-84	1.22-1.22-1.22
1878 Mass	190	9 M.	84-84-84	1.67-2.00-1.78
1878 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1878 Ohio	190	80 M.	84-84-84	2.00-2.25-2.16
1879 Mass	190	16 M.	84-84-84	1.67-2.00-1.71
1879 N. Y	190	60 M.	84-84-84	2.75-2.75-2.75
1879 Ohio	190	80 M.	84-84-84	2.00-2.25-2.16
1879 Ohio	361	1 M.	(a)	1.79-1.79-1.79
1880 Mass	190	14 M.	84-84-84	1.67-1.67-1.67
1880 N. Y	190	55 M.	84-84-84	2.50-2.50-2.50
1880 Ohio	190	100 M.	84-84-84	2.00-2.25-2.18
1880 England	571	(a) M.	d56-70 —	1.03-1.25- —
1880 Ireland	571	(a) M.	84-84-84	1.22-1.56- —
1880 Scotland	571	(a) M.	e84-84-84	1.08-1.22- —
1881 Mass	190	14 M.	84-84-84	1.67-1.67-1.67
1881 N. Y	190	65 M.	84-84-84	2.75-2.75-2.75
1881 Ohio	190	100 M.	84-84-84	2.00-2.25-2.18
1882 Mass	190	13 M.	84-84-84	1.84-2.00-1.87
1882 N. Y	190	60 M.	84-84-84	2.75-2.75-2.75
1882 Ohio	190	121 M.	84-84-84	2.00-2.25-2.19
1883 Mass	190	15 M.	84-84-84	1.84-2.00-1.87
1883 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1883 Ohio	190	121 M.	84-84-84	2.00-2.25-2.19
1883 England	572	(a) (a)	45-78 —	1.04-1.27- —
1883 Scotland	572	(a) (a)	56-84 —	1.05-1.22- —
1884 Mass	190	26 M.	70-84-79	1.67-2.00-1.82
1884 Mich	278	2 M.	(a)	1.81-1.81-1.81
1884 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1884 Ohio	190	136 M.	84-84-84	2.00-2.25-2.19
1884 Aust-Hun	178	(a) M.	84-84-84	.44- .56- —
1884 Canada	466	(a) M.	60-60-60	1.68-1.68-1.68
1884 Ireland	178	(a) M.	56-56-56	.87- .97- —
1884 Italy	178	(a) M.	84-84-84	.68- .68- .68
1884 Switzerl'd	178	(a) M.	60-60-60	.74- .74- .74
1885 Mass	190	15 M.	84-84-84	1.84-1.84-1.84
1885 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1885 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1886 Ill	2	600 M.	56-84-70	2.50-3.00-2.75
1886 Mass	190	11 M.	84-84-84	1.84-1.84-1.84
1886 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1886 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1886 England	603	(a) M.	f84-84-84	.74-1.40- —
1886 Germany	548	(a) (a)	(a)	.71- .75- —
1886 Gr't Brit	603	(a) M.	(a)	.77-1.38- —
1886 Ireland	603	(a) M.	g84-84-84	.61-1.22- —
1886 Scotland	603	(a) M.	(a)	.82-1.22- —
1887 Mass	190	15 M.	84-84-84	1.84-1.84-1.84
1887 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1887 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1887 Australia	420	(a) (a)	(a)	h.16- .24½- —
1887 England	70	(a) M.	(a)	.97-1.11- —
1887 Germany	557	(a) (a)	70-70-70	.71- .92- —
1888 Mass	190	12 M.	84-84-84	1.84-1.84-1.84
1888 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1888 N. Y	331	213 M.	i 77-84-79	1.64-3.00-2.60
1888 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1888 Australia	421	(a) M.	56-56-56	1.30-1.95- —
1888 Canada	470	(a) M.	70-70-70	1.82-1.82-1.82
1889 Mass	190	14 M.	84-84-84	1.84-1.84-1.84
1889 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1889 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1889 Australia	422	(a) (a)	56-56-56	2.31-2.31-2.31
1889 Canada	471	(a) M.	70-70-70	1.37-1.96- —
1889 Wales	576	(a) M.	56-56-56	1.10-1.10-1.10
1890 Mass	190	14 M.	84-84-84	1.84-1.84-1.84
1890 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1890 N. Y	333	18 M.	(a)	1.17-2.33-1.70
1890 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1890 Australia	180	(a) M.	j56-84 —	1.04-2.43- —
1890 Australia	423	(a) (a)	56-56-56	2.19-2.68- —
1890 Brazil	180	(a) M.	e84-84-84	1.25-1.50- —
1890 Canada	180	(a) M.	70-70-70	1.86-1.86-1.86
1890 Chile	180	(a) M.	84-84-84	2.00-2.00-2.00
1890 China	180	(a) M.	(a)	.25- .25- .25
1890 Ecuador	180	(a) M.	63-63-63	1.32-1.32-1.32
1890 England	180	(a) M.	k54-84 —	.70-1.56- —
1890 France	180	(a) M.	l70-84 —	.29-1.20- —
1890 Germany	180	(a) M.	67-84 —	.60-1.12- —
1890 Germany	180	(a) M.	70-70-70	b .65- .85- —
1890 Ireland	180	(a) M.	60-84 —	.56- .90- —
1890 Italy	180	(a) M.	70-84 —	.48- .87- —
1890 Netherl'ds	180	(a) M.	70-70-70	.91- .91- .91
1890 Netherl'ds	666	(a) M.	(a)	.46- .95- —
1890 Netherl'ds	666	(a) M.	(a)	h.05½-.06½- —
1890 Netherl'ds	666	(a) M.	70-70-70	m.63- .63- .63
1890 N. Zealand	180	(a) M.	n56-56-56	1.95-2.43- —
1890 Norway	180	(a) M.	o84-84-84	.67- .75- —
1890 Scotland	180	(a) M.	56-84 —	1.04-1.22- —
1890 Switzerl'd	180	(a) M.	56-63 —	.69- .87- —
1890 Uruguay	180	(a) M.	70-70-70	2.00-2.50- —
1890 Wales	576	(a) M.	56-56-56	1.22-1.22-1.22
1891 Mass	190	21 M.	84-84-84	1.84-1.84-1.84
1891 N. Y	190	50 M.	84-84-84	3.00-3.00-3.00
1891 N. Y	333	28 M.	(a)	1.17-3.33-1.71
1891 Ohio	190	138 M.	84-84-84	2.00-2.25-2.18
1891 Germany	559	(a) M.	(a)	.95- .95- .95
1892 Mass	190	6 M.	84-84-84	1.65-1.65-1.65
1892 N. Y	190	48 M.	74-74-74	3.00-3.00-3.00
1892 Ohio	20	82 M.	84-84-84	2.00-2.25-2.08
1892 Ohio	190	52 M.	84-84-84	2.00-2 25-2.11
1892 Algeria	505	(a) M.	(a)	.58- .97- —

a Not reported.
b And perquisites.
c Applies to but 1 of the 4 wage quotations.
d Applies to but 3 of the 5 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 3 of the 42 wage quotations.
g Applies to but 2 of the 5 wage quotations.
h Per hour.
i Not including hours of 2 persons not reported.
j Applies to but 15 of the 21 wage quotations.
k Applies to but 38 of the 49 wage quotations.
l Applies to but 10 of the 13 wage quotations.
m And lodging and fuel.
n Applies to but 4 of the 6 wage quotations.
o Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, ILLUMINATING GAS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1892 Australia	424	(a) M.	(a)	1.46-2.19- —
1892 C. of G'd H.	486	(a) M.	(a)	1.58-1.91- —
1892 England	577	(a) M.	48-48-48	1.04-1.04-1.04
1892 England	632	(a) M.	b56-56-56	1.30-1.36- —
1892 France	505	(a) M.	67-84 —	.48-1.54- —
1892 France	505	(a) M.	70-70-70	c.65- .65- .65
1892 France	505	(a) M.	70-84 —	d.63-1.06- —
1892 France	505	(a) M.	70-70-70	e.92- .97- —
1892 France	505	(a) M.	74-77 —	f.58- .87- —
1892 France	505	(a) M.	81-81-81	g.87-1.11- —
1892 Germany	559	(a) M.	(a)	.95- .95- .95
1893 Mont.	307	1 M.	(a)	3.29-3.29-3.29
1893 Ohio	20	98 M.	84-84-84	2.00-2.50-2.07
1893 Ohio	374	2 M.	84-84-84	1.35-1.35-1.35
1893 England	578	(a) M.	56-56-56	1.22-1.22-1.22
1893 Germany	559	(a) M.	(a)	.95-1.04- —
1894 Ohio	20	58 M.	84-84-84	1.65-2.25-2.09
1894 Australia	425	(a) (a)	(a)	1.63-2.02- —
1894 Aust-Hun	434	(a) M.	(a)	.63- .70- —
1894 England	590	(a) (a)	(a)	.63- .97- —
1894 Germany	559	(a) M.	(a)	.95-1.07- —
1895 Ohio	20	62 M.	84-84-84	1.50-2.00-1.97
1895 Australia	426	(a) (a)	(c)	1.63-2.02- —
1895 England	591	(a) M.	(a)	.83-1.35- —
1895 Germany	559	(a) M.	(a)	.95-1.07- —
1896 Australia	427	(a) (a)	(a)	1.63-2.02- —
1896 England	592	(a) M.	(a)	1.15-1.45- —
1896 France	510	(a) (a)	84-84-84	.97-1.35- —
1896 Wales	592	(a) M.	(a)	1.18-1.22- —
1897 Australia	428	(a) (a)	(a)	1.46-2.02- —
1897 England	593	(a) (a)	h56-64 —	1.22-1.30- —
1898 Australia	429	(a) (a)	(a)	1.46-2.02- —
1898 England	594	(a) (a)	h56-56-56	1.28-1.50- —

FIREMEN, LOCOMOTIVE, MINES AND FACTORY YARDS.

1873	England	185	(a)	M.	(a)	i.80-1.39- —	1889	France	5	(a)	M.	60-60-60	1.20-1.20-1.20
1877	Pa	382	1	M.	60-60-60	1.50-1.50-1.50	1890	Ala	5	6	M.	84-84-84	1.50-1.50-1.50
1878	Pa	383	9	M.	54-60-59	1.28-1.40-1.34	1890	Australia	423	(a)	(a)	48-48-48	1.70-1.95- —
1884	Mich	278	2	M.	(a)	1.15-1.75-1.45	1891	Minn	191	3	M.	(a)	l1.34-1.34-1.34
1884	England	178	(a)	M.	(a)	.80- .84- —	1892	Minn	191	3	M.	(a)	l1.34-1.34-1.34
1884	Germany	178	(a)	M.	(a)	.33- .33- .33	1892	Ohio	373	2	M.	60-60-60	1.75-1.75-1.75
1886	England	604	(a)	M.	(a)	.72- .86- —	1892	Australia	114	(a)	M.	(a)	1.70-1.95- —
1886	Scotland	604	(a)	M.	(a)	.68- .68- .68	1892	England	632	(a)	M.	72-72-72	.89- .89- .89
1888	Mich	280	1	M.	60-60-60	1.92-1.92-1.92	1893	Minn	191	3	M.	(a)	l1.34-1.34-1.34
1888	Pa	5	4	M.	60-84-72	1.30-1.40-1.36	1893	Australia	424	(a)	M.	48-48-48	1.22-1.58- —
1888	Va	5	3	M.	66-72-70	1.30-1.45-1.40	1894	Minn	191	3	M.	(a)	l1.34-1.34-1.34
1888	Germany	5	(a)	M.	72-72-72	.36- .36- .36	1894	Australia	425	(a)	(a)	(a)	1.22-1.70- —
1889	Ala	5	18	M.	63-84-75	1.00-1.50-1.42	1895	Minn	191	4	M.	(a)	l1.34-1.34-1.34
1889	Ga	5	1	M.	84-84-84	1.50-1.50-1.50	1895	Australia	426	(a)	(a)	(a)	1.22-1.70- —
1889	Ill	5	4	M.	60-60-60	1.50-1.75-1.56	1896	Minn	191	4	M.	(a)	l1.15-1.15-1.15
1889	Mo	5	1	M.	(a)	1.50-1.50-1.50	1896	Australia	427	(a)	(a)	(a)	1.46-1.83- —
1889	N. Y	5	2	M.	(a)	1.50-1.50-1.50	1896	England	592	(a)	M.	(a)	.93- .99- —
1889	Ohio	5	4	M.	60-84-72	1.65-2.11-1.88	1897	Australia	428	(a)	(a)	(a)	1.46-1.95- —
1889	Pa	5	9	M.	48-84-64	1.40-2.50-1.67	1898	Pa	18	6	M.	(a)	1.10-1.65-1.42
1889	Tenn	5	10	M.	j70-77-72	1.25-1.65-1.38	1898	Australia	429	(a)	(a)	(a)	1.58-1.95- —
1889	Va	5	2	M.	84-84-84	1.40-1.40-1.40	1898	Scotland	594	(a)	(a)	(a)	.97-1.01- —
1889	W. Va	5	7	M.	k60-66-62	1.50-1.86-1.67	1899	Ala	18	10	M.	84-84-84	1.45-1.80-1.70
1889	Belgium	5	(a)	M.	98-98-98	.45- .45- .45	1899	Pa	18	5	M.	(a)	1.10-1.90-1.66
1889	England	5	(a)	M.	54-84 —	.83-1.15- —	1900	Ala	18	2	M.	84-84-84	1.50-1.50-1.50

FIREMEN, LOCOMOTIVE, RAILROAD.

1840	Mass	190	22	M.	70-70-70	.96-1.15-1.06	1851	Mass	190	18	M.	70-70-70	1.15-1.15-1.15
1841	Mass	190	14	M.	70-70-70	.96-1.15-1.10	1852	Mass	190	22	M.	70-70-70	1.15-1.15-1.15
1842	Mass	190	15	M.	70-70-70	.96-1.15-1.11	1853	Mass	190	34	M.	70-70-70	1.15-1.15-1.15
1843	Mass	190	22	M.	70-70-70	.96-1.15-1.06	1854	Mass	190	22	M.	70-70-70	1.34-1.34-1.34
1844	Mass	190	28	M.	70-70-70	.96-1.15-1.07	1854	Canada	178	(a)	(a)	(a)	1.35-1.35-1.35
1845	Mass	190	22	M.	70-70-70	.96-1.15-1.06	1855	Mass	190	24	M.	70-70-70	1.34-1.34-1.34
1846	Mass	190	28	M.	70-70-70	.96-1.15-1.08	1856	Mass	190	26	M.	70-70-70	1.34-1.34-1.34
1847	Mass	190	40	M.	70-70-70	.96-1.15-1.05	1857	Mass	190	26	M.	70-70-70	1.34-1.34-1.34
1848	Mass	190	52	M.	70-70-70	1.15-1.15-1.15	1858	Mass	190	32	M.	70-70-70	1.34-1.34-1.34
1849	Mass	190	16	M.	70-70-70	1.15-1.15-1.15	1859	Mass	190	33	M.	70-70-70	.90-1.25-1.20
1850	Mass	190	14	M.	70-70-70	1.15-1.15-1.15	1860	Mass	190	46	M.	70-70-70	1.00-1.30-1.16
1850	Germany	76	(a)	M.	(a)	m.35- .49- —	1860	Germany	76	(a)	M.	(a)	.39- .59- —

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And lodging, fuel, and light.
d And fuel.
e And fuel and light.
f And *gratifications*.
g And premiums.
h Applies to but 2 of the 4 wage quotations.
i And house.
j Not including hours of 2 persons not reported.
k Not including hours of 1 person not reported.
l And board.
m And uniform.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1861 Mass	190	22 M.	70-70-70	1.30-1.30-1.30
1862 Mass	190	50 M.	70-70-70	1.30-1.30-1.30
1863 Mass	190	56 M.	70-70-70	1.34-1.34-1.34
1864 Mass	190	36 M.	70-70-70	1.34-1.34-1.34
1865 Mass	190	42 M.	70-70-70	1.75-1.75-1.75
1866 Mass	190	42 M.	70-70-70	1.75-1.75-1.75
1867 Mass	190	61 M.	70-70-70	1.75-2.00-1.83
1868 Mass	190	32 M.	70-70-70	1.75-1.75-1.75
1869 Mass	190	36 M.	70-70-70	2.00-2.00-2.00
1870 Cal	16	5 M.	(a)	2.63-2.63-2.63
1870 Ill	16	62 M.	(a)	1.64-1.97-1.76
1870 La	16	5 M.	(a)	2.14-2.14-2.14
1870 Mass	16	59 M.	(a)	2.00-2.00-2.00
1870 Mass	190	58 M.	70-70-70	2.00-2.00-2.00
1870 Ohio	16	14 M.	60-60-60	1.56-1.56-1.56
1870 Pa	16	31 M.	(a)	1.65-2.50-1.90
1870 Va	16	7 M.	(a)	.99- .99- .99
1870 England	177	(a) M.	72-72-72	.62- .82- —
1870 Norway	185	(a) M.	(a)	.64- .74- —
1871 Cal	16	18 M.	(a)	2.14-2.30-2.24
1871 Ill	16	67 M.	(a)	1.64-1.97-1.78
1871 La	16	5 M.	(a)	2.14-2.14-2.14
1871 Mass	16	60 M.	(a)	2.00-2.00-2.00
1871 Mass	190	40 M.	70-70-70	2.00-2.25-2.06
1871 Ohio	16	12 M.	60-60-60	1.56-1.56-1.56
1871 Pa	16	31 M.	(a)	1.75-2.85-2.11
1871 Va	16	7 M.	(a)	.99- .99- .99
1871 Brazil	611	(a) M.	(a)	1.10-1.26- —
1872 Cal	16	21 M.	(a)	2.14-2.30-2.22
1872 Ill	16	63 M.	(a)	1.64-1.81-1.74
1872 La	16	5 M.	(a)	2.14-2.14-2.14
1872 Mass	16	61 M.	(a)	2.00-2.00-2.00
1872 Mass	190	40 M.	70-70-70	2.00-2.25-2.06
1872 Minn	16	4 M.	(a)	b2.00-2.00-2.00
1872 Ohio	16	10 M.	60-60-60	1.81-1.81-1.81
1872 Ohio	361	2 M.	(a)	1.71-2.53-2.12
1872 Pa	16	34 M.	(a)	1.75-2.85-2.08
1872 Va	16	7 M.	(a)	.99- .99- 99
1872 England	185	(a) M.	(a)	.71- .97- —
1872 Germany	76	(a) M.	(a)	.53- .78- —
1873 Cal	16	26 M.	(a)	2.14-2.30-2.23
1873 Ill	16	30 M.	(a)	1.81-1.81-1.81
1873 La	16	5 M.	(a)	2.14-2.14-2.14
1873 Mass	16	70 M.	(a)	2.00-2.00-2.00
1873 Mass	190	72 M.	70-70-70	2.00-2.00-2.00
1873 Minn	16	4 M.	(a)	b2.00-2.00-2.00
1873 Ohio	16	14 M.	60-60-60	1.67-1.67-1.67
1873 Pa	16	39 M.	(a)	1.75-2.85-2.10
1873 Va	16	7 M.	(a)	.99- .99- .99
1873 Scotland	177	(a) M.	84-84-84	.72- .84- —
1874 Cal	16	28 M.	(a)	2.14-2.30-2.24
1874 Ill	16	72 M.	(a)	1.64-1.81-1.74
1874 La	16	5 M.	(a)	2.14-2.14-2.14
1874 Mass	16	65 M.	(a)	1.80-1.80-1.80
1874 Mass	190	78 M.	70-70-70	1.75-2.00-1.90
1874 Minn	16	4 M.	(a)	b2.00-2.00-2.00
1874 Ohio	16	18 M.	60-60-60	1.81-1.81-1.81
1874 Pa	16	49 M.	(a)	1.58-2.57-1.85
1874 Pa	380	59 M.	(a)	1.43-1.43-1.43
1874 Pa	382	450 M.	(a)	2.08-2.08-2.08
1874 Va	16	7 M.	(a)	.99- .99- .99
1874 Canada	185	(a) M.	60-60-60	1.43-1.43-1.43
1874 Scotland	177	(a) M.	60-60-60	.79- .89- —
1875 Cal	16	26 M.	(a)	2.14-2.30-2.24
1875 Ill	16	65 M.	(a)	1.81-1.81-1.81
1875 La	16	5 M.	(a)	2.14-2.14-2.14
1875 Mass	16	60 M.	(a)	1.80-1.80-1.80
1875 Mass	190	42 M.	70-70-70	2.00-2.00-2.00
1875 Minn	16	4 M.	(a)	b2.00-2.00-2.00
1875 Ohio	16	18 M.	60-60-60	1.69-1.69-1.69
1875 Pa	16	41 M.	(a)	1.58-2.57-1.86
1875 Pa	380	1192 M.	(a)	1.00-2.25-1.79
1875 Pa	382	399 M.	(a)	1.87-1.87-1.87
1875 Va	16	7 M.	(a)	.99- .99- .99
1875 Scotland	177	(a) M.	60-60-60	.79- .89- —
1876 Cal	16	26 M.	(a)	2.14-2.30-2.24
1876 Ill	16	50 M.	(a)	1.64-1.81-1.74
1876 La	16	5 M.	(a)	2.14-2.14-2.14
1876 Mass	16	59 M.	(a)	1.80-1.80-1.80
1876 Mass	190	50 M.	70-70-70	1.80-1.80-1.80
1876 Minn	16	4 M.	(a)	b2.00-2.00-2.00
1876 Ohio	16	16 M.	60-60-60	1.75-1.75-1.75
1876 Pa	16	45 M.	(a)	1.58-2.57-1.87
1876 Pa	381	1128 M.	c63-98-70	.89-2.10-1.76
1876 Va	16	7 M.	(a)	.99- .99- .99
1876 Scotland	177	(a) M.	60-60-60	.79- .89- —
1877 Cal	16	26 M.	(a)	2.14-2.30-2.24
1877 Ill	16	55 M.	(a)	1.64-1.81-1.75
1877 La	16	5 M.	(a)	2.14-2.14-2.14
1877 Mass	16	59 M.	(a)	2.00-2.00-2.00
1877 Mass	190	44 M.	70-70-70	1.80-1.80-1.80
1877 Minn	16	6 M.	(a)	b2.00-2.00-2.00
1877 N. J	317	108 M.	d70-75-71	1.23-2.00-1.92
1877 Ohio	16	16 M.	60-60-60	1.75-1.75-1.75
1877 Pa	16	41 M.	(a)	1.58-2.57-1.88
1877 Pa	382	502 M.	e56-84-68	.89-2.36-1.81
1877 Va	16	7 M.	(a)	.99- .99- .99
1877 Germany	177	(a) M.	(a)	.49- .64- —
1877 Scotland	177	(a) M.	60-60-60	.79- .89- —
1878 Cal	16	29 M.	(a)	2.14-2.30-2.22
1878 Ill	16	60 M.	(a)	1.81-1.81-1.81
1878 La	16	5 M.	(a)	2.14-2.14-2.14
1878 Mass	16	58 M.	(a)	2.00-2.00-2.00
1878 Mass	190	82 M.	70-70-70	1.30-1.80-1.61
1878 Minn	16	6 M.	(a)	b2.00-2.00-2.00
1878 Ohio	16	16 M.	60-60-60	1.75-1.75-1.75
1878 Pa	16	40 M.	(a)	1.65-2.60-1.85
1878 Pa	383	295 M.	f63-98-69	.82-2.12-1.72
1878 Va	16	7 M.	(a)	.99- .99- .99
1878 Canada	177	(a) M.	(a)	.99-1.50- —
1878 England	177	(a) M.	g60-84 —	.62-1.32- —
1878 France	177	(a) M.	(a)	.66- .99- —
1878 Germany	177	(a) M.	(a)	.41- .82- —
1878 Ireland	177	(a) M.	(a)	.60- .85- —
1878 Italy	177	(a) M.	(a)	.53- .64- —
1878 Scotland	177	(a) M.	h60-84 —	.71- .96- —
1878 Scotland	177	(a) M.	(a)	i.06- .08- —
1878 Wales	177	(a) M.	(a)	1.00-1.12- —
1879 Cal	16	30 M.	(a)	2.14-2.30-2.22
1879 Ill	16	31 M.	(a)	1.81-1.81-1.81
1879 La	16	5 M.	(a)	2.14-2.14-2.14
1879 Mass	16	56 M.	(a)	2.00-2.00-2.00
1879 Mass	190	72 M.	70-70-70	2.00-2.00-2.00
1879 Minn	16	6 M.	(a)	b2.00-2.00-2.00
1879 Mo	293	41 M.	63-63-63	1.89-1.89-1.89
1879 Ohio	16	20 M.	60-60-60	1.75-1.75-1.75
1879 Ohio	361	2 M.	(a)	1.71-1.83-1.77
1879 Pa	16	30 M.	(a)	1.65-2.60-1.90
1879 Pa	384	657 (a)	j70-98-71	.49-2.13-1.62
1879 Va	16	7 M.	(a)	.99- .99- .99
1880 Cal	16	26 M.	(a)	2.14-2.30-2.21
1880 Ill	16	10 M.	(a)	1.81-1.81-1.81
1880 Ill	205	323 M.	(a)	1.48-1.90-1.68
1880 La	16	5 M.	(a)	2.14-2.14-2.14

a Not reported.
b Per 100 miles.
c Not including hours of 955 persons not reported.
d Not including hours of 103 persons not reported.
e Not including hours of 239 persons not reported.
f Not including hours of 82 persons not reported.
g Applies to but 4 of the 7 wage quotations.
h Applies to but 12 of the 13 wage quotations.
i Per hour.
j Not including hours of 561 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1880 Mass	16	66 M.	(a)	2.00-2.00-2.00
1880 Mass	190	40 M.	70-70-70	2.00-2.00-2.00
1880 Minn	16	6 M.	(a)	b2.00-2.00-2.00
1880 Ohio	16	20 M.	60-60-60	1.75-1.75-1.75
1880 Pa	16	38 M.	(a)	1.65-2.60-1.81
1880 Va	16	7 M.	(a)	.99- .99- .99
1880 Switzerl'd	21	(a) (a)	(a)	.95- .95- .95
1881 Cal	16	30 M.	(a)	2.14-2.30-2.20
1881 Ill	16	20 M.	(a)	1.81-1.81-1.81
1881 La	16	5 M.	(a)	2.14-2.14-2.14
1881 Mass	16	73 M.	(a)	2.00-2.00-2.00
1881 Mass	190	40 M.	70-70-70	2.00-2.00-2.00
1881 Minn	16	8 M.	(a)	b2.00-2.00-2.00
1881 N.J	320	1 M.	(a)	1.64-1.64-1.64
1881 Ohio	16	22 M.	60-60-60	1.75-1.75-1.75
1881 Pa	16	23 M.	(a)	1.65-2.00-1.79
1881 Va	16	7 M.	(a)	.99- .99- .99
1882 Cal	16	38 M.	(a)	2.14-2.30-2.18
1882 Ill	16	20 M.	(a)	1.81-1.81-1.81
1882 Ill	16	6 M.	(a)	c.25- .25- .25
1882 Ill	206	1823 M.	(a)	1.32-1.97-1.69
1882 La	16	5 M.	(a)	2.14-2.14-2.14
1882 Mass	16	36 M.	(a)	2.00-2.00-2.00
1882 Mass	190	72 M.	70-70-70	1.75-2.00-1.96
1882 Minn	16	8 M.	(a)	b2.00-2.00-2.00
1882 Ohio	16	20 M.	60-60-60	1.80-1.80-1.80
1882 Pa	16	20 M.	(a)	1.75-2.70-1.86
1882 Va	16	7 M.	(a)	.99- .99- .99
1882 England	31	(a) (a)	(a)	.87-1.00- —
1882 France	632	(a) M.	(a)	d.90-1.05- —
1883 Cal	16	42 M.	(a)	2.14-2.30-2.20
1883 Ill	16	20 M.	(a)	1.81-1.81-1.81
1883 Ill	16	6 M.	(a)	c.25- .25- .25
1883 La	16	5 M.	(a)	2.14-2.14-2.14
1883 Mass	16	36 M.	(a)	2.00-2.00-2.00
1883 Mass	190	62 M.	70-70-70	2.00-2.00-2.00
1883 Minn	16	10 M.	(a)	b2.00-2.00-2.00
1883 Ohio	16	18 M.	60-60-60	1.68-1.68-1.68
1883 Ohio	365	2 M.	60-72-66	1.50-1.80-1.65
1883 Pa	16	17 M.	(a)	1.80-2.00-1.84
1883 Va	16	7 M.	(a)	.99- .99- .99
1883 England	43	(a) (a)	(a)	.73-1.10- —
1883 Wales	43	(a) (a)	(a)	e.73- .73- .73
1884 Cal	16	52 M.	(a)	2.14-2.30-2.21
1884 Ill	16	20 M.	(a)	1.81-1.81-1.81
1884 Ill	16	10 M.	(a)	c.26- .26- .26
1884 Iowa	231	970 M.	f60-84-70	1.50-2.15-1.98
1884 La	16	5 M.	(a)	2.14-2.14-2.14
1884 Mass	16	35 M.	(a)	2.00-2.00-2.00
1884 Mass	190	68 M.	70-70-70	1.75-2.00-1.98
1884 Minn	16	10 M.	(a)	b2.00-2.00-2.00
1884 N.J	323	29 M.	g70-70-70	1.48-1.97-1.52
1884 N.Y	16	60 M.	(a)	1.65-1.75-1.73
1884 Ohio	16	18 M.	60-60-60	1.68-1.68-1.68
1884 Pa	16	22 M.	(a)	1.75-1.85-1.81
1884 Pa	388	3325 M.	(a)	1.40-1.61-1.50
1884 Va	16	7 M.	(a)	.99- .99- .99
1884 Wis	407	221 M.	(a)	1.77-1.89-1.86
1884 Australia	178	(a) (a)	(a)	1.94-2.43- —
1884 Aust-Hun	178	(a) M.	(a)	.36- .53- —
1884 Belgium	178	(a) M.	(a)	.59-1.07- —
1884 Brazil	178	(a) M.	(a)	.41-1.29- —
1884 Canada	178	(a) (a)	(a)	.99-2.47- —
1884 Canada	466	(a) M.	65-65-65	1.41-1.41-1.41
1884 C.of G'd H.	178	(a) (a)	(a)	1.09-1.70- —
1884 Ceylon	178	(a) (a)	(a)	.16-1.05- —
1884 Cuba	178	(a) M.	59-59-59	.92- .92- .92
1884 England	178	(a) M.	h54-84 —	.48-2.14- —
1884 France	178	(a) M.	(a)	.57-1.27- —
1884 Germany	178	(a) M.	i60-84 —	.44-1.18- —
1884 Ireland	178	(a) M.	(a)	.42-1.04- —
1884 Italy	178	(a) M.	(a)	.44-1.32- —
1884 Malta	178	(a) M.	(a)	.66- .66- .66
1884 Mexico	178	(a) (a)	(a)	1.64-4.00- —
1884 Netherl'ds	178	(a) M.	(a)	.60- .90- —
1884 Peru	178	(a) M.	(a)	1.45-1.45-1.45
1884 Russia	178	(a) M.	(a)	.53- .71- —
1884 Russia	178	(a) M.	(a)	j.32- .47- —
1884 Scotland	178	(a) M.	60-84 —	.76- .97- —
1884 Spain	178	(a) M.	k70-84 —	.49-1.15- —
1884 Switzerl'd	178	(a) M.	l65-65-65	.63-1.30- —
1884 Tunis	178	(a) M.	(a)	.73- .73- .73
1884 Turk. in A.	178	(a) (a)	(a)	.49-1.02- —
1884 Venezuela	178	(a) (a)	(a)	.82-1.91- —
1884 Wales	178	(a) M.	(a)	.62-1.09- —
1885 Cal	16	62 M.	(a)	2.14-2.30-2.21
1885 Ill	16	20 M.	(a)	1.81-1.81-1.81
1885 Ill	16	19 M.	(a)	c.26- .26- .26
1885 Iowa	231	1143 M.	49-84-68	1.33-2.16-2.02
1885 Iowa	231	50 M.	(a)	b1.92-1.92-1.92
1885 Kans	239	384 M.	n56-84-75	1.65-2.09-1.94
1885 La	16	5 M.	(a)	2.14-2.14-2.14
1885 Mass	16	34 M.	(a)	2.00-2.00-2.00
1885 Mass	190	92 M.	70-70-70	1.75-2.00-1.98
1885 Mich	279	926 M.	(a)	1.10-2.80-1.70
1885 Minn	16	10 M.	(a)	b2.10-2.10-2.10
1885 Mo	296	76 M.	(a)	1.81-2.72-2.41
1885 N.J	324	31 M.	(a)	1.32-2.14-1.50
1885 N.Y	16	62 M.	(a)	1.65-1.75-1.73
1885 Ohio	2	16 M.	60-72-66	1.50-1.75-1.63
1885 Ohio	16	20 M.	60-60-60	1.79-1.79-1.79
1885 Pa	16	20 M.	(a)	1.75-1.85-1.80
1885 Pa	389	4495 M.	(a)	1.45-1.64-1.54
1885 Va	16	7 M.	(a)	.99- .99- .99
1885 Canada	467	(a) M.	60-60-60	1.43-1.55- —
1886 Cal	16	68 M.	(a)	2.14-2.30-2.21
1886 Ill	16	38 M.	(a)	c.22- .22- .22
1886 Iowa	232	952 M.	o44-70-60	1.33-2.30-1.96
1886 Kans	240	632 M.	p42-98-73	1.64-2.40-2.10
1886 La	16	5 M.	(a)	2.14-2.14-2.14
1886 Mass	16	35 M.	(a)	2.00-2.00-2.00
1886 Mass	190	108 M.	70-70-70	1.75-2.00-1.95
1886 Minn	16	10 M.	(a)	b2.10-2.10-2.10
1886 Mo	2	55 M.	68-68-68	2.00-2.00-2.00
1886 N.J	325	33 M.	(a)	1.32-1.64-1.47
1886 N.Y	16	64 M.	(a)	1.65-1.75-1.74
1886 N.C	2	120 M.	60-72-66	.90- .95- .93
1886 Ohio	16	18 M.	60-60-60	1.79-1.79-1.79
1886 Ohio	368	1 M.	(a)	2.47-2.47-2.47
1886 Pa	16	25 M.	(a)	1.75-1.85-1.80
1886 Va	16	7 M.	(a)	.99- .99- .99
1886 Argentina	57	(a) M.	(a)	1.32-1.32-1.32
1886 Argentina	57	(a) M.	(a)	q2.30-2.30-2.30
1886 Canada	468	(a) M.	65-65-65	1.47-1.85- —
1886 Cuba	175	(a) M.	(a)	.79- .79- .79
1886 Germany	76	(a) M.	(a)	.59- .78- —
1887 Cal	16	67 M.	(a)	2.14-2.30-2.21
1887 Conn	4	210 M.	(a)	1.32-2.50-1.71

a Not reported.
b Per 100 miles.
c Per hour.
d And perquisites.
e And clothing.
f Not including hours of 335 persons not reported.
g Not including hours of 25 persons not reported.
h Applies to but 6 of the 28 wage quotations.
i Applies to but 6 of the 33 wage quotations.
j And lodging and uniform.
k Applies to but 3 of the 9 wage quotations.
l Applies to but 2 of the 16 wage quotations.
n Not including hours of 48 persons not reported.
o Not including hours of 277 persons not reported.
p Not including hours of 406 persons not reported.
q And coal premium.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Del	4	73 M.	(a)	1.00-2.40-1.77
1887 Fla	4	171 M.	(a)	.90-1.50-1.28
1887 Ill	16	37 M.	(a)	b.22- .22- .22
1887 Ill	298	161 (a)	(a)	2.77-2.77-2.77
1887 Kans	241	761 M.	c53-84-68	1.85-2.57-2.14
1887 La	16	5 M.	(a)	2.14-2.14-2.14
1887 Me	4	9 M.	(a)	1.25-1.92-1.51
1887 Md	4	1560 M.	d70-70-70	1.10-2.75-1.67
1887 Mass	4	673 M.	(a)	1.35-3.45-1.91
1887 Mass	16	37 M.	(a)	2.00-2.00-2.00
1887 Mass	190	102 M.	70-70-70	1.75-2.00-1.96
1887 Mich	4	66 M.	e70-70-70	.83-2.00-1.33
1887 Mich	4	49 M.	(a)	b.12- .30- .16
1887 Minn	16	10 M.	(a)	f2.10-2.10-2.10
1887 Mo	4	913 M.	(a)	1.25-3.50-2.10
1887 Mo	298	485 (a)	(a)	1.10-2.12-2.07
1887 Nebr	312	575 (a)	g70-70-70	1.50-3.40-2.22
1887 Nebr	312	6 (a)	(a)	f2.00-2.25-2.08
1887 N. H	4	13 M.	(a)	.50-1.50-1.13
1887 N. J	4	338 M.	(a)	1.00-2.25-2.15
1887 N. Y	4	632 M.	(a)	1.07-2.47-1.71
1887 N. Y	16	73 M.	(a)	1.65-1.75-1.71
1887 N. C	4	4 M.	(a)	.50-1.10- .88
1887 N. C	342	180 M.	h56-84-70	.67-1.55-1.20
1887 Ohio	16	18 M.	60-60-60	1.74-1.84-1.75
1887 Pa	4	1202 M.	(a)	.99-3.15-1.65
1887 Pa	4	214 M.	(a)	b.12½-.27- .16
1887 Pa	16	19 M.	(a)	1.75-1.90-1.83
1887 R. I	4	55 M.	(a)	1.15-1.97-1.61
1887 Va	4	81 M.	(a)	1.25-2.30-1.63
1887 Va	16	7 M.	(a)	.99- .99- .99
1887 W. Va	4	17 M.	(a)	1.50-1.75-1.53
1887 Wis	4	34 M.	(a)	1.35-1.75-1.55
1887 Australia	420	(a) (a)	(a)	1.95-2.43- —
1887 Canada	469	(a) M.	61-61-61	1.42-1.64- —
1888 Cal	16	66 M.	(a)	2.14-2.30-2.21
1888 Colo	198	353 M.	(a)	2.24-2.63-2.49
1888 Ill	16	41 M.	(a)	b.22- .22- .22
1888 Ind	225	2505 M.	i70-84-81	1.32-2.73-1.82
1888 Iowa	233	1432 M.	j42-95-66	1.33-2.87-2.08
1888 Kans	242	883 M.	k70-77-70	1.55-2.97-2.11
1888 Kans	243	3 M.	(a)	2.18-2.18-2.18
1888 La	16	5 M.	(a)	2.14-2.14-2.14
1888 Mass	16	38 M.	(a)	2.00-2.00-2.00
1888 Mass	190	12 M.	70-70-70	1.75-1.75-1.75
1888 Minn	16	10 M.	(a)	f2.10-2.10-2.10
1888 Mo	298	662 (a)	(a)	1.25-2.47-2.06
1888 N. Y	16	69 M.	(a)	1.65-1.75-1.73
1888 N. Y	16	1030 M.	(a)	f1.90-1.90-1.90
1888 Ohio	16	18 M.	60-60-60	1.74-1.84-1.75
1888 Pa	16	621 M.	(a)	1.75-2.10-1.98
1888 Va	16	8 M.	(a)	1.16-1.16-1.16
1888 Australia	421	(a) M.	(a)	1.83-2.43- —
1888 Canada	470	(a) M.	65-65-65	1.63-1.63-1.63
1889 Cal	16	63 M.	(a)	2.14-2.30-2.22
1889 Ill	16	41 M.	(a)	b.22- .22- .22
1889 Ind	226	3197 M.	l56-84-79	1.25-3.25-1.87
1889 Iowa	233	2024 M.	n42-98-61	1.40-2.80-2.07
1889 Kans	243	1161 M.	o42-84-70	1.50-5.06-2.27
1889 La	16	5 M.	(a)	2.14-2.14-2.14
1889 Mass	16	38 M.	(a)	2.00-2.00-2.00
1889 Mass	190	92 M.	70-70-70	1.75-2.00-1.98
1889 Minn	16	10 M.	(a)	f2.10-2.10-2.10
1889 N. Y	16	183 M.	(a)	1.72-1.85-1.76
1889 N. Y	16	1066 M.	(a)	f1.90-1.90-1.90
1889 Ohio	16	25 M.	60-60-60	2.01-2.01-2.01
1889 Pa	5	1 M.	84-84-84	1.15-1.15-1.15
1889 Pa	16	656 M.	(a)	1.80-2.00-1.98
1889 Va	16	8 M.	(a)	1.16-1.16-1.16
1889 Australia	422	(a) (a)	48-48-48	1.95-2.43- —
1889 Canada	471	(a) M.	75-75-75	1.67-1.83- —
1890 Cal	16	66 M.	(a)	2.14-2.30-2.22
1890 Ill	16	42 M.	(a)	b.22- .23½-.23
1890 Ind	226	3532 M.	p63-84-78	1.20-2.97-2.04
1890 Iowa	234	1019 M.	(a)	.67-2.74-2.12
1890 La	16	5 M.	(a)	2.14-2.14-2.14
1890 Mass	16	36 M.	(a)	2.00-2.00-2.00
1890 Mass	190	101 M.	70-70-70	1.75-2.25-1.99
1890 Minn	16	10 M.	(a)	f2.25-2.25-2.25
1890 Nebr	313	1 M.	(a)	1.75-1.75-1.75
1890 N. Y	16	472 M.	(a)	1.75-2.23-1.97
1890 N. Y	16	1106 M.	(a)	f1.90-1.90-1.90
1890 Ohio	16	24 M.	60-60-60	2.01-2.01-2.01
1890 Ohio	371	2199 (a)	q42-84-68	1.25-2.42-1.84
1890 Pa	16	699 M.	(a)	1.75-2.03-2.03
1890 Va	16	8 M.	(a)	1.33-1.33-1.33
1890 Australia	423	(a) (a)	48-48-48	1.95-2.43- —
1890 Netherl'ds	666	(a) M.	(r)	.80- .80- .80
1890 Netherl'ds	666	(a) M.	91-124 —	s.60- .64- —
1890 Spain	632	(a) M.	(a)	.95- .95- .95
1891 Cal	16	93 M.	(a)	2.14-2.30-2.23
1891 Ill	16	60 M.	(a)	b.22- .28- .24
1891 Ind	227	4087 M.	t56-84-75	1.20-3.00-2.07
1891 La	16	5 M.	(a)	2.34-2.34-2.34
1891 Me	257	702 M.	u70-70-70	1.15-2.10-1.85
1891 Mass	16	37 M.	(a)	2.00-2.00-2.00
1891 Mass	190	129 M.	70-70-70	1.75-2.25-1.97
1891 Minn	16	12 M.	(a)	f2.25-2.25-2.25
1891 Minn	191	1 M.	(a)	v1.64-1.64-1.64
1891 N. Y	16	499 M.	(a)	1.75-2.23-1.98
1891 N. Y	16	1272 M.	(a)	f1.90-1.90-1.90
1891 N. C	354	388 (a)	(a)	.66-1.88-1.17
1891 Ohio	16	15 M.	60-60-60	2.09-2.09-2.09
1891 Pa	16	711 M.	(a)	1.75-2.25-1.98
1891 Va	16	8 M.	(a)	1.47-1.47-1.47
1891 Wis	411	1 M.	(a)	1.50-1.50-1.50
1891 France	102	(a) M.	(a)	.95- .95- .95
1891 Germany	107	(a) (a)	(a)	.59- .82- —
1891 Gr't Brit	576	(a) M.	(a)	.73- .73- .73
1891 Nicaragua	106	(a) (a)	(a)	1.19-1.19-1.19
1891 Scotland	576	(a) M.	(a)	.59- .83- —
1892 Cal	16	91 M.	(a)	2.14-2.30-2.23
1892 Ill	16	85 M.	(a)	b.22- .28- .24
1892 Ind	227	4688 M.	w56-84-73	1.20-3.00-2.12
1892 La	16	4 M.	(a)	3.12-3.12-3.12
1892 Md	263	236 M.	x63-70-69	1.00-2.80-2.01
1892 Mass	16	38 M.	(a)	2.00-2.00-2.00
1892 Mass	190	122 M.	70-70-70	1.75-2.25-2.04
1892 Minn	16	12 M.	(a)	f2.25-2.25-2.25
1892 Minn	191	1 M.	(a)	v1.64-1.64-1.64

a Not reported.
b Per hour.
c Not including hours of 239 persons not reported.
d Not including hours of 1,552 persons not reported.
e Not including hours of 31 persons not reported.
f Per 100 miles.
g Not including hours of 195 persons not reported.
h Not including hours of 89 persons not reported.
i Not including hours of 2,008 persons not reported.
j Not including hours of 997 persons not reported.
k Not including hours of 554 persons not reported.
l Not including hours of 2,566 persons not reported.
n Not including hours of 1,506 persons not reported.
o Not including hours of 336 persons not reported.
p Not including hours of 2,688 persons not reported.
q Not including hours of 875 persons not reported.
r 105-105-105 hours.
s And premiums.
t Not including hours of 3,084 persons not reported.
u Not including hours of 699 persons not reported.
v And board.
w Not including hours of 3,673 persons not reported.
x Not including hours of 217 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, LOCOMOTIVE, RAILROAD—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1892 N. Y.	16	521 M.	(a)	1.75-2.23-1.96
1892 N. Y.	16	1415 M.	(a)	b1.90-1.90-1.90
1892 N. C.	355	478 (a)	(a)	.66-1.85-1.17
1892 Ohio	16	12 M.	60-60-60	2.22-2.22-2.22
1892 Pa	16	1478 M.	(a)	1.75-3.65-2.11
1892 Va	16	8 M.	(a)	1.42-1.42-1.42
1892 England	632	(a) M.	c54-72 —	.73-1.10- —
1892 France	505	(a) M.	d56-70 —	e.63-1.16- —
1892 France	505	(a) M.	(a)	f.72-1.11- —
1892 France	632	(a) M.	(a)	.72- .97- —
1892 Netherl'ds	618	(a) M.	(a)	.68- .83- —
1892 Scotland	632	(a) M.	(a)	.66- .83- —
1893 Cal.	16	94 M.	(a)	2.14-2.30-2.22
1893 Ill.	10	6 M.	g42-72-58	2.14-2.14-2.14
1893 Ill.	16	75 M.	(a)	h.22- .28- .24
1893 Ind	228	4572 M.	i56-84-75	1.40-3.00-2.15
1893 La	16	6 M.	(a)	2.81-2.81-2.81
1893 Md.	10	6 M.	60-84-66	1.29-2.14-1.63
1893 Mass	16	42 M.	(a)	2.00-2.00-2.00
1893 Mich.	285	320 M.	(j)	.62-2.96-1.89
1893 Minn	16	12 M.	(a)	b2.25-2.25-2.25
1893 Minn	191	1 M.	(a)	k1.64-1.64-1.64
1893 Mont.	307	52 M.	l58-79-65	1.75-3.00-2.36
1893 Mont.	307	3 M.	(a)	b2.25-2.50-2.42
1893 N. Y.	16	526 M.	(a)	1.75-2.24-1.98
1893 N. Y.	16	1429 M.	(a)	b1.90-1.90-1.90
1893 N. C.	347	515 M.	(a)	.49-1.95-1.24
1893 Ohio	16	12 M.	60-60-60	2.34-2.34-2.34
1893 Pa	10	3 M.	60-70-63	2.14-3.14-2.81
1893 Pa	16	1628 M.	(a)	1.65-3.85-2.13
1893 Va	16	8 M.	(a)	1.50-1.50-1.50
1893 Switzerl'd.	632	(a) M.	(a)	.77-1.26- —
1894 Cal.	16	98 M.	(a)	2.14-2.30-2.22
1894 Ill.	16	175 M.	(a)	h 22- .28- .24
1894 Ind	228	3696 M.	n56-84-75	1.35-2.75-2.14
1894 Iowa	236	10 M.	g28-84-70	1.65-2.71-2.13
1894 La	16	5 M.	(a)	2.36-2.36-2.36
1894 Mass	16	44 M.	(a)	2.00-2.00-2.00
1894 Minn	16	12 M.	(a)	b2.15-2.15-2.15
1894 Minn	191	1 M.	(a)	k1.32-1.32-1.32
1894 Mont.	308	203 M.	(a)	2.01-3.00-2.21
1894 Mont.	309	20 M.	(a)	2.52-2.52-2.52
1894 N. H	316	9 M.	o36-78-57	1.07-1.71-1.60
1894 N. Y.	16	487 M.	(a)	1.75-2.22-2.04
1894 N. Y.	16	1350 M.	(a)	b1.90-1.90-1.90
1894 N. C.	348	498 M.	(a)	.60-2.17-1.24
1894 Ohio	16	20 M.	60-60-60	1.99-1.99-1.99
1894 Pa	16	751 M.	(a)	1.40-3.85-1.89
1894 Va	16	8 M.	(a)	1.52-1.52-1.52
1894 W. Va	406	683 M.	(a)	.95-1.98-1.38
1894 Australia	425	(a) (a)	(a)	1.95-2.43- —
1895 Cal.	16	100 M.	(a)	1.92-2.07-1.99
1895 Ill.	16	150 M.	(a)	h .22- .28- .25
1895 Ind	229	3016 M.	(a)	1.35-2.75-2.13
1895 Iowa	237	1276 (a)	(a)	1.34-3.18-2.16
1895 La	16	6 M.	(a)	2.99-2.99-2.99
1895 Mass	16	43 M.	(a)	2.00-2.00-2.00
1895 Minn	16	12 M.	(a)	b2.15-2.15-2.15
1895 Minn	191	1 M.	(a)	k1.32-1.32-1.32
1895 Mont.	309	289 M.	(a)	2.14-2.63-2.27
1895 N. Y.	16	485 M.	(a)	1.75-2.23-2.03
1895 N. Y.	16	1201 M.	(a)	b1.90-1.90-1.90
1895 N. C.	349	489 (a)	(a)	.56-1.66-1.23
1895 Ohio	16	25 M.	60-60-60	1.88-1.88-1.88
1895 Pa	16	839 M.	(a)	1.40-3.85-2.03
1895 Va	16	8 M.	(a)	1.51-1.51-1.51
1895 Australia	426	(a) (a)	(a)	1.95-2.43- —
1895 Canada	187	(a) M.	p70-70-70	.99-1.50- —
1895 Egypt	131	(a) (a)	(a)	.41- .66- —
1895 Nicaragua.	140	(a) (a)	(a)	.74- .74- .74
1896 Ala.	15	2 M.	(a)	.82-2.00-1.41
1896 Cal.	16	101 M.	(a)	1.92-2.07-1.99
1896 Colo.	200	262 M.	q70-84-75	1.75-2.65-2.10
1896 Ga	15	1 M.	(a)	.99- .99- .99
1896 Ill.	16	220 M.	(a)	h .22- .28- .25
1896 Ind	229	3282 M.	(a)	1.35-3.89-2.20
1896 Iowa	237	1455 (a)	(a)	1.30-2.86-2.19
1896 Kans.	250	23 M.	r46-84-73	1.32-2.89-1.96
1896 La	16	6 M.	(a)	3.25-3.25-3.25
1896 Mass	16	43 M.	(a)	2.00-2.00-2.00
1896 Minn	16	12 M.	(a)	b2.15-2.15-2.15
1896 Minn	191	1 M.	(a)	k1.32-1.32-1.32
1896 Mo	305	912 (a)	(a)	1.38-2.67-2.24
1896 Mont.	310	348 M.	(a)	1.74-2.72-2.23
1896 N. Y.	16	481 M.	(a)	1.75-2.25-2.02
1896 N. Y.	16	1260 M.	(a)	b1.90-1.90-1.90
1896 N. C.	350	447 M.	(a)	.68-1.73-1.21
1896 Ohio	16	15 M.	60-60-60	1.99-1.99-1.99
1896 Pa	16	867 M.	(a)	1.40-3.85-1.99
1896 Tenn.	15	1 M.	(a)	1.04-1.04-1.04
1896 Va	16	8 M.	(a)	1.48-1.48-1.48
1896 Australia	427	(a) (a)	(a)	1.95-2.43- —
1896 Belgium	184	(a) M.	(a)	.69- .69- .69
1896 Canada	184	(a) M.	(a)	1.75-1.75-1.75
1896 Canada	482	(a) (a)	(a)	2.14-2.96- —
1896 Colombia	184	(a) M.	(a)	1.10-1.45- —
1896 Germany	595	(a) M.	(a)	.57- .57- .57
1896 Mexico	184	(a) M.	(a)	.74-2.66- —
1896 Turk. in A.	184	(a) M.	(a)	.65- .65- .65
1897 Cal.	16	105 M.	(a)	1.92-2.07-1.98
1897 Ill.	16	158 M.	(a)	h .22- .28- .24
1897 Iowa	238	1376 (a)	(a)	1.19-3.16-2.20
1897 Kans.	251	3 (a)	84-84-84	1.81-2.07-1.92
1897 Kans.	251	37 (a)	s49-91-74	t.015-.024-.022
1897 La	16	5 M.	(a)	2.98-2.98 2.98
1897 Md.	265	466 (a)	u42-70-68	1.16-2.24-1.83
1897 Mass	16	42 M.	(a)	2.00-2.00-2.00
1897 Mich.	289	14 M.	70-84-78	1.25-1.81-1.62
1897 Mich.	289	23 M.	70-91-79	t .012-.025-.02
1897 Minn	16	12 M.	(a)	b2.15-2.15-2.15
1897 Mont.	311	348 (a)	(a)	1.78-2.74-2.27
1897 N. Y.	16	494 M.	(a)	1.75-2.30-2.02
1897 N. Y.	16	1195 M.	(a)	b1.90-1.90-1.90
1897 N. Y.	337	2786 (a)	v70-88-82	1.50-4.00-2.25
1897 N. C.	351	412 (a)	(a)	.66-1.74-1.25
1897 Ohio	16	15 M.	60-60-60	1.99-1.99-1.99
1897 Pa	16	854 M.	(a)	1.40-3.85-1.99
1897 Va	16	8 M.	(a)	1.48-1.48-1.48
1897 Australia	428	(a) (a)	(a)	1.95-2.43- —
1897 Germany	595	(a) M.	(a)	.61- .61- .61
1898 Cal.	16	108 M.	(a)	1.92-2.07-1.98
1898 Ill.	16	126 M.	(a)	h .22- .28- .26

a Not reported.
b Per 100 miles.
c Applies to but 4 of the 6 wage quotations.
d Applies to but 5 of the 7 wage quotations.
e And premiums.
f And lodging, premiums, and *gratifications*.
g Not including hours of 3 persons not reported.
h Per hour.
i Not including hours of 3,546 persons not reported.
j 35-126-79 hours; not including hours of 13 persons not reported.
k And board.
l Not including hours of 41 persons not reported.
n Not including hours of 2,875 persons not reported.
o Not including hours of 1 person not reported.
p Applies to but 1 of the 2 wage quotations.
q Not including hours of 150 persons not reported.
r Not including hours of 4 persons not reported.
s Not including hours of 18 persons not reported.
t Per mile.
u Not including hours of 443 persons not reported.
v Not including hours of 1,252 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, LOCOMOTIVE, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1898 Ind	230	3115 (a)	b 42-91-74	1.25-3.28-2.18
1898 Iowa	238	1495 (a)	(a)	1.12-2.89-2.24
1898 Kans	252	1267 M.	(a)	2.15-2.83-2.31
1898 Kans	252	2 M.	(a)	c.02½-.02¾-.02⅞
1898 La	16	5 M.	(a)	2.62-2.62-2.62
1898 Mass	16	43 M.	(a)	2.00-2.00-2.00
1898 Minn	16	12 M.	(a)	d2.15-2.15-2.15
1898 Mo	306	1090 (a)	56-84-69	1.00-2.66-2.18
1898 Nebr	314	395 (a)	e 56-84-69	1.00-3.60-2.21
1898 Nebr	314	10 (a)	(a)	c.01¾-.02½-.02
1898 N. J	329	691 M.	(a)	1.72-2.15-2.08
1898 N. Y	16	512 M.	(a)	1.75-2.30-2.00
1898 N. Y	16	1226 M.	(a)	d1.90-1.90-1.90
1898 N. Y	338	3003 M.	f 84-90-84	1.50-2.90-2.21
1898 N. C	352	427 (a)	(a)	.66-1.81-1.29
1898 Ohio	16	15 M.	60-60-60	1.99-1.99-1.99
1898 Pa	16	840 M.	(a)	1.80-3.85-1.99
1898 Va	16	8 M.	(a)	1.48-1.48-1.48
1898 Va	404	153 (a)	77-77-77	1.91-1.91-1.91
1898 Wash	405	269 (a)	(a)	1.50-2.67-2.44
1898 Australia	419	(a) (a)	(a)	2.03-2.03-2.03
1898 Australia	429	(a) (a)	(a)	1.95-2.43- —
1898 Germany	147	(a) (a)	(a)	1.30-1.43- —
1898 Germany	151	(a) (a)	(a)	.78-1.09- —
1899 Mass	18	928 (a)	(a)	1.50-2.50-1.90
1899 Mass	18	53 (a)	(a)	c.02- 02½-.0204
1899 N. J	18	471 (a)	(a)	2.12-2.12-2.12
1899 N. Y	18	2038 (a)	(a)	2.08-2.11-2.08
1899 N. C	356	476 (a)	(a)	.58-2.22-1.36
1899 Pa	18	1132 (a)	(a)	1.60-2.62-2.02
1899 Pa	18	131 (a)	(a)	g.15- .18- .17
1899 Va	404	1019 (a)	(a)	.82-2.36-1.98
1899 Uruguay	157	(a) (a)	(a)	1.32-1.64- —
1900 Mas	18	962 (a)	(a)	1.50-2.50-1.92
1900 Mass	18	66 (a)	(a)	c.02-.02¼-.0203
1900 N. J	18	480 (a)	(a)	2.14-2.14-2.14
1900 Pa	18	1210 (a)	(a)	1.40-3.15-2.07
1900 Pa	18	128 (a)	(a)	g.15- .18- .17

FIREMEN, MARINE.

1854	Switzerl'd.	714	(a)	M.	(a)	.50- .58- —	1884	France	178	(a)	M.	(a)	.48- .70- —
1859	Switzerl'd.	714	(a)	M.	(a)	.50- .67- —	1884	Germany	178	(a)	M.	(a)	.25- .69- —
1863	England	565	(a)	(a)	(a)	.87-1.22- —	1884	Hawai. Is	178	(a)	M.	(a)	.66-1.15- —
1864	Switzerl'd.	714	(a)	M.	(a)	.53- .69- —	1884	Ireland	178	(a)	M.	l 70-70-70	.69- .96- —
1866	England	566	(a)	M.	(a)	.87- .87- .87	1884	Italy	178	(a)	M.	(a)	.48- .99- —
1866	Scotland	566	(a)	M.	(a)	.56- .87- —	1884	Malta	178	(a)	M.	(a)	.48- .56- —
(h)	England	567	(a)	(a)	(a)	.87- .87- .87	1884	Mexico	178	(a)	(a)	(a)	.99- .99- .99
(h)	Scotland	567	(a)	(a)	(a)	.87- .87- .87	1884	Netherl'ds	178	(a)	M.	(a)	.39- .46- —
1869	Switzerl'd.	714	(a)	M.	(a)	.54- .69- —	1884	Russia	178	(a)	M.	(a)	.24- .66- —
1870	Gr't Brit	186	(a)	M.	(a)	.63-1.04- —	1884	Scotland	178	(a)	M.	(a)	.52-1.04- —
1870	Norway	610	(a)	M.	(a)	.46- .53- —	1884	S'ra Leone	178	(a)	M.	(a)	.16- .24- —
1870	Norway	610	(a)	M.	(a)	i .46- .53- —	1884	Spain	178	(a)	M.	(a)	.46-1.64- —
1871	Mass	267	1	M.	63-63-63	1.81-1.81-1.81	1884	Switzerl'd.	178	(a)	M.	(a)	.63- .95- —
1871	England	568	(a)	M.	(a)	.56- .87- —	1884	Venezuela	178	(a)	M.	(a)	.33-1.26- —
1871	Scotland	568	(a)	M.	(a)	.90- .90- .90	1884	Wales	178	(a)	M.	(a)	.64- .80- —
1871	Sweden	165	(a)	M.	(a)	.31- .31- .31	1884	Wales	178	(a)	M.	(a)	n 1.01-1.08- —
1872	England	185	(a)	M.	(a)	.56- .80- —	1885	Mich	279	11	M.	(a)	1.40-1.40-1.40
1872	Scotland	185	(a)	M.	(a)	.56- .90- —	1885	Germany	163	(a)	M.	(a)	.41- .41- .41
1873	England	177	(a)	M.	(a)	1.03-1.03-1.03	1886	Cal	2	9	M.	98-98-98	j 1.67-1.67-1.67
1873	Sweden	167	(a)	M.	(a)	.33- .39- —	1886	Cal	193	352	M.	o 84-84-84	j 1.64-2.30-1.65
1873	Switzerl'd.	714	(a)	M.	(a)	.63- .81- —	1886	England	70	(a)	M.	(a)	.56- .68- —
1874	Scotland	569	(a)	M.	(a)	1.08-1.08-1.08	1886	Scotland	70	(a)	M.	(a)	.48- .60- —
1875	Argentina	169	(a)	M.	(a)	1.15-1.32- —	1886	Wales	70	(a)	M.	(a)	.56- .68- —
1878	Australia	177	(a)	M.	(a)	1.44-1.44-1.44	1887	N. Y	4	46	M.	(a)	1.25-1.97-1.76
1878	Canada	177	(a)	M.	(a)	1.15-1.15-1.15	1887	Wis	409	5	M.	(a)	1.25-1.25-1.25
1878	Canada	177	(a)	M.	(a)	j .53- .53- .53	1887	Norway	77	(a)	M.	(a)	.66- .66- .66
1878	England	177	(a)	M.	(a)	.96- .96- .96	1888	N. Y	331	12	M.	56-56-56	j .90- .90- .90
1878	Ireland	177	(a)	M.	(a)	.95- .95- .95	1888	Australia	424	(a)	M.	(a)	1.44-1.44-1.44
1880	Gr't Brit	605	(a)	M.	(a)	.58- .94- —	1889	Australia	422	(a)	(a)	(a)	1.44-1.44-1.44
1883	Colombia	42	(a)	(a)	(a)	.66-1.32- —	1889	Italy	95	(a)	M.	(a)	.69- .69- .69
1884	Australia	178	(a)	M.	(a)	1.12-1.28- —	1890	N. Y	333	2	M.	(a)	1.60-1.60-1.60
1884	Aust-Hun	178	(a)	M.	(a)	.55- .59- —	1890	Australia	423	(a)	(a)	(a)	1.44-1.44-1.44
1884	Belgium	178	(a)	M.	(a)	.54- .63- —	1890	Australia	433	(a)	M.	(a)	p 1.44-1.44-1.44
1884	Canada	178	(a)	M.	(a)	.49-1.50- —	1890	Gr't Brit	186	(a)	M.	(a)	.73-1.20- —
1884	Colombia	178	(a)	(a)	(a)	.40- .53- —	1890	Gr't Brit	605	(a)	M.	(a)	.74-1.10- —
1884	Denmark	178	(a)	M.	(a)	.43- .44- —	1891	N. Y	333	2	M.	(a)	1.60-1.60-1.60
1884	England	178	(a)	M.	(a)	.40-1.21- —	1891	Australia	433	(a)	M.	(a)	1.44-1.44-1.44
1884	England	178	(a)	M.	(a)	k .21- .21- .21	1891	Australia	433	(a)	M.	(a)	p 1.44-1.44-1.44

a Not reported.
b Not including hours of 1,421 persons not reported.
c Per mile.
d Per 100 miles.
e Not including hours of 223 persons not reported.
f Not including hours of 2,210 persons not reported.
g Per hour.
h Average for 1867–68.
i And provisions while on board ship.
j And board.
k And found.
l Applies to but 2 of the 6 wage quotations.
n And furnishes own provisions.
o Not including hours of 350 persons not reported.
p And food.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, MARINE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 China.....	105	(a) (a)	(a)	0.30-0.30-0.30	1894 Netherl'ds	127	(a) M.	(a)	0.50-0.53- —
1891 England ..	576	(a) M.	(a)	.72-1.05- —	1894 Russia	127	(a) M.	(a)	.33- .33- .33
1891 France....	102	(a) M.	(a)	.51- .76- —	1894 Scotland ..	127	(a) M.	(a)	.64- .68- —
1891 France....	505	(a) M.	(a)	.97- .97- .97	1894 Scotland ..	590	(a) (a)	(a)	.56- .64- —
1891 Gr't Brit ..	186	(a) M.	(a)	.73-1.24- —	1894 Wales	590	(a) (a)	(a)	.60- .60- .60
1892 Mo.....	301	303 M.	b84-84-84	1.15-1.43-1.15	1895 Australia .	426	(a) (a)	(a)	1.12-1.28- —
1892 Australia .	424	(a) M.	(a)	1.12-1.44- —	1895 Canada ...	187	(a) M.	(a)	1.07-1.07-1.07
1892 England ..	111	(a) M.	(a)	.64- .80- —	1895 England ..	591	(a) M.	(a)	f.56- .80- —
1892 England ..	585	(a) M.	(a)	c.73- .73- .73	1895 Ireland ...	585	(a) M.	(a)	.60- .64- —
1892 England ..	632	(a) M.	(a)	.72- .80- —	1895 Nicaragua	140	(a) (a)	(a)	c.49- .82- —
1892 Gr't Brit ..	186	(a) M.	(a)	.70-1.20- —	1895 Norway ...	690	(a) M.	(a)	.40- .44- —
1893 Ill.....	10	1 M.	70-70-70	1.43-1.43-1.43	1895 Scotland ..	591	(a) M.	(a)	f.56- .64- —
1893 Md.....	10	19 M.	60-90-72	.54-2.14-1.26	1895 Wales	591	(a) M.	(a)	f.60- .76- —
1893 Pa	10	1 M.	56-56-56	c1.15-1.15-1.15	1896 Ga	15	1 M.	(a)	1.36-1.36-1.36
1893 Australia .	583	(a) M.	(a)	1.12-1.44- —	1896 Australia .	427	(a) (a)	(a)	1.28-1.28-1.28
1893 England ..	578	(a) M.	(a)	.68- .68- .68	1896 Canada ...	482	(a) (a)	(a)	1.32-1.32-1.32
1893 England ..	590	(a) (a)	(a)	.56- .72- —	1896 England ..	586	(a) M.	(a)	.52-1.13- —
1893 Germany .	127	(a) M.	(a)	.46- .46- .46	1896 England ..	587	(a) M.	(a)	.68- .68- .68
1893 Gr't Brit ..	186	(a) M.	(a)	.60-1.12- —	1896 Ireland ...	586	(a) M.	(a)	.64- .68- —
1893 Gr't Brit ..	578	(a) M.	d72-72-72	.60- .97- —	1896 Scotland ..	586	(a) M.	(a)	.60-1.04- —
1893 Ireland ...	583	(a) M.	(a)	.60- .76- —	1896 Wales	586	(a) M.	(a)	.48-1.04- —
1893 Scotland ..	590	(a) M.	(a)	.56- .64- —	1897 Australia .	428	(a) (a)	(a)	1.28-1.28-1.28
1893 Wales	590	(a) (a)	(a)	.60- .60- .60	1897 England ..	587	(a) M.	(a)	.56-1.09- —
1894 Ohio	374	403 M.	e82-84-83	1.14-1.57-1.18	1897 Germany .	587	(a) M.	(a)	.48- .56- —
1894 Australia..	176	(a) M.	(a)	.60-1.12- —	1897 N. Zealand	679	(a) M.	(a)	1.28-1.68- —
1894 Australia..	425	(a) (a)	(a)	1.12-1.12-1.12	1897 N. Zealand	680	(a) M.	(a)	.96- .96- .96
1894 Aust-Hun .	127	(a) M.	(a)	.31- .46- —	1897 Scotland ..	587	(a) M.	(a)	.60-1.08- —
1894 Canada ...	186	(a) M.	(a)	1.48-1.48-1.48	1897 Wales	587	(a) M.	(a)	.68- .68- .68
1894 Chile.....	186	(a) M.	(a)	.64- .72- —	1898 Wash	405	209 (a)	(a)	1.64-1.64-1.64
1894 China.....	186	(a) M.	(a)	.26- .38- —	1898 Australia .	429	(a) (a)	(a)	1.28-1.36- —
1894 Colombia .	186	(a) M.	(a)	1.48-1.48-1.48	1899 England ..	588	(a) (a)	(a)	.64-1.14- —
1894 England ..	127	(a) M.	(a)	.64- .64- .64	1899 Germany .	163	(a) M.	(a)	.41- .41- .41
1894 England ..	590	(a) (a)	(a)	.56- .80- —	1899 N. Zealand	681	(a) M.	(a)	.40-1.36- —
1894 France....	127	(a) M.	(a)	.51- .76- —	1899 Scotland ..	588	(a) (a)	(a)	.60- .68- —
1894 Germany .	127	(a) M.	(a)	.35- .51- —	1899 Wales	588	(a) (a)	(a)	.64- .76- —
1894 Ireland ...	127	(a) M.	(a)	.60- .60- .60	1900 Russia	162	(a) M.	(a)	.33- .43- —
1894 Ireland ...	584	(a) M.	(a)	.56-1.04- —	1900 Sweden ...	160	(a) M.	(a)	.39- .44- —
1894 Italy	127	(a) M.	(a)	.48- .56- —					

FIREMEN, STATIONARY.

1839 England ..	562	(a)	M.	50-69 —	.65- .97- —	1853 N. Y.....	190	1	M.	72-72-72	.84- .84- .84
1840 Mass	190	1	M.	84-84-84	1.25-1.25-1.25	1854 Mass	190	2	M.	72-72-72	1.42-1.45-1.44
1840 N. Y.....	8	1	M.	72-72-72	.75- .75- .75	1854 N. Y.....	190	1	M.	72-72-72	.84- .84- .84
1840 England ..	564	(a)	(a)	60-60-60	.65- .65- .65	1855 Mass	190	2	M.	72-72-72	1.45-1.50-1.48
1840 Scotland ..	563	(a)	(a)	60-60-60	.57- .57- .57	1855 N. Y.....	190	5	M.	60-72-62	1.00-1.00-1.00
1841 Mass	190	1	M.	84-84-84	1.25-1.25-1.25	1855 Ireland ...	561	(a)	(a)	(a)	.49- .49- .49
1841 England ..	625	(a)	M.	(a)	.57- .57- .57	1856 Mass	190	3	M.	72-72-72	1.00-1.50-1.32
1842 Mass	190	1	M.	84-84-84	1.25-1.25-1.25	1856 N. Y.....	190	1	M.	72-72-72	1.00-1.00-1.00
1843 Mass	190	2	M.	84-84-84	1.25-1.30-1.28	1856 Ireland ...	561	(a)	(a)	(a)	.49- .49- .49
1844 Mass	190	2	M.	84-84-84	1.25-1.30-1.28	1856 Scotland ..	562	(a)	M.	(a)	.45- .45- .45
1845 Mass	190	2	M.	84-84-84	1.25-1.30-1.28	1857 Mass	190	3	M.	72-72-72	1.00-1.50-1.32
1846 Mass	190	2	M.	84-84-84	1.30-1.35-1.33	1857 N. Y.....	190	1	M.	72-72-72	1.00-1.00-1.00
1847 Mass	190	1	M.	84-84-84	1.35-1.35-1.35	(g) England ..	561	(a)	(a)	h60-60-60	.49- .65- —
1848 Mass	190	2	M.	84-84-84	1.25-1.35-1.30	1857 Ireland ...	561	(a)	(a)	(a)	.49- .49- .49
1849 Mass	190	3	M.	84-84-84	1.25-1.35-1.32	1857 Scotland ..	562	(a)	M.	(a)	.45- .45- .45
1849 England ..	562	(a)	M.	50-60 —	.69- .81- —	1858 Mass	190	3	M.	72-72-72	1.17-1.50-1.36
1849 England ..	563	(a)	(a)	60-60-60	.69- .69- .69	1858 N. Y.....	190	1	M.	72-72-72	.75- .75- .75
1850 Mass	190	2	M.	84-84-84	1.35-1.35-1.35	(i) Ireland ...	562	(a)	M.	(a)	.49- .49- .49
1850 England ..	564	(a)	(a)	60-60-60	.69- .69- .69	1858 Scotland ..	562	(a)	M.	(a)	.45- .45- .45
1850 Scotland ..	563	(a)	(a)	60-60-60	.61- .61- .61	1859 Mass	190	4	M.	72-72-72	1.17-1.50-1.41
1851 Mass	190	2	M.	84-84-84	1.35-1.35-1.35	1859 N. Y.....	190	1	M.	72-72-72	.75- .75- .75
1852 Mass	190	2	M.	72-72-72	1.35-1.40-1.38	1859 England ..	562	(a)	M.	50-60 —	.73- .97- —
1853 Mass	190	2	M.	72-72-72	1.40-1.50-1.45	1859 England ..	563	(a)	(a)	60-60-60	.73- .73- .73

a Not reported.
b Not including hours of 3 persons not reported.
c And board.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 5 persons not reported.
f And food.
g Average for 1855–57.
h Applies to but 2 of the 4 wage quotations.
i Average for 1857–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1860 Mass	8	1 M.	60-60-60	1.00-1.00-1.00
1860 Mass	190	4 M.	72-72-72	1.25-1.50-1.41
1860 N. Y.	190	1 M.	72-72-72	.75- .75- .75
1860 England	564	(a) (a)	60-60-60	.73- .73- .73
1860 Germany	609	(a) (a)	(a)	.37- .78- —
1860 Russia	609	(a) M.	(a)	.21- .22- —
1860 Scotland	563	(a) (a)	60-60-60	.61- .61- .61
1861 Mass	190	3 M.	66-66-66	1.25-1.50-1.38
1861 N. Y.	190	1 M.	72-72-72	.75- .75- .75
1861 England	564	(a) M.	b56-56-56	.65- .91- —
1861 Scotland	564	(a) (a)	c60-60-60	.59- .81- —
1862 Mass	190	4 M.	66-66-66	1.25-1.50-1.41
1862 N. Y.	190	1 M.	72-72-72	.75- .75- .75
1862 England	564	(a) M.	60-60-60	.73- .81- —
1863 Mass	190	4 M.	66-66-66	1.25-1.67-1.48
1863 England	565	(a) M.	(a)	.49- .75- —
1863 Scotland	565	(a) (a)	(a)	.57- .81- —
1864 Conn	190	1 M.	72-72-72	1.25-1.25-1.25
1864 Mass	190	4 M.	66-66-66	1.35-1.50-1.46
1864 England	627	(a) M.	(a)	.24- .28- —
1865 Mass	190	4 M.	66-66-66	1.40-1.75-1.51
1865 N. Y.	190	6 M.	60-72-62	1.50-2.00-1.58
1866 Conn	190	1 M.	66-66-66	1.50-1.50-1.50
1866 Mass	190	4 M.	66-66-66	1.50-1.83-1.58
1866 N. Y.	190	1 M.	72-72-72	2.00-2.00-2.00
1866 England	566	(a) M.	58-72 —	.57-1.01- —
1866 Scotland	566	(a) M.	d57-72 —	.61- .97- —
1867 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1867 Mass	190	4 M.	66-66-66	1.50-2.00-1.67
1867 N. Y.	190	1 M.	72-72-72	2.00-2.00-2.00
1868 Conn	190	1 M.	66-66-66	1.50-1.50-1.50
1868 Mass	190	4 M.	66-66-66	1.45-2.00-1.64
1868 N. Y.	190	1 M.	66-66-66	1.75-1.75-1.75
(e) England	567	(a) M.	f60-72 —	.57- .89- —
1868 France	33	(a) M.	(a)	.90- .90- .90
1868 Germany	185	(a) M.	(a)	.24- .29- —
1868 Germany	610	(a) M.	g68-78 —	.24- .61- —
1869 Conn	190	2 M.	66-66-66	1.25-1.50-1.38
1869 Mass	190	5 M.	66-66-66	1.45-2.00-1.67
1869 N. H	7	1 M.	(a)	1.75-1.75-1.75
1869 N. Y.	190	1 M.	66-66-66	1.75-1.75-1.75
1869 Russia	185	(a) M.	(a)	.26- .30- —
1870 Conn	190	1 M.	66-66-66	1.50-1.50-1.50
1870 Mass	7	1 M.	66-66-66	2.00-2.00-2.00
1870 Mass	190	4 M.	66-66-66	1.40-2.00-1.66
1870 N. J	8	1 M.	60-60-60	2.00-2.00-2.00
1870 N. Y.	7	2 M.	60-60-60	2.50-2.50-2.50
1870 N. Y.	190	1 M.	66-66-66	1.75-1.75-1.75
1870 Egypt	610	(a) (a)	(a)	.37-1.12- —
1870 France	16	(a) M.	(a)	.71- .71- .71
1870 France	33	(a) M.	(a)	.77- .77- .77
1871 Conn	190	2 M.	66-66-66	1.50-1.60-1.55
1871 Mass	190	4 M.	66-66-66	1.45-2.00-1.68
1871 Mass	267	12 M.	59-70-62	1.50-2.00-1.92
1871 N. Y.	190	1 M.	66-66-66	1.75-1.75-1.75
1871 England	185	(a) M.	60-60-60	.77- .85- —
1871 England	568	(a) M.	60-60-60	.89- .89- .89
1871 England	629	(a) (a)	60-60-60	.97-1.14- —
1871 France	16	(a) M.	(a)	.71- .71- .71
1871 Scotland	629	(a) M.	(a)	.73- .73- .73
1872 Conn	8	1 M.	60-60-60	2.00-2.00-2.00
1872 Conn	190	2 M.	66-66-66	1.60-1.62-1.61
1872 Mass	190	4 M.	66-66-66	1.45-2.00-1.61
1872 N. Y.	190	1 M.	66-66-66	1.75-1.75-1.75
1872 S. C.	7	1 M.	72-72-72	1.25-1.25-1.25
1872 Aust-Hun	185	(a) (a)	(a)	.44- .73- —
1872 Belgium	185	(a) M.	b60-60-60	.45- .85- —
1872 Belgium	456	(a) (a)	(a)	.66- .66- .66
1872 England	185	(a) M.	h59-60 —	.89-1.18- —
1872 France	16	(a) M.	(a)	.71- .71- .71
1872 Germany	185	(a) M.	i60-84 —	.36- .72- —
1873 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1873 Mass	190	3 M.	66-66-66	1.50-1.75-1.67
1873 N. Y.	190	3 M.	60-66-62	1.38-1.75-1.50
1873 Aust-Hun	711	(a) M.	(a)	j.06½-.06⅝-.06½
1873 Belgium	456	(a) (a)	(a)	.68- .68- .68
1873 England	185	(a) M.	(a)	.89- .89- .89
1873 England	185	(a) M.	(a)	k.65-1.37- —
1873 France	16	(a) M.	(a)	.71- .71- .71
1874 Ala	185	1 M.	72-72-72	1.50-1.50-1.50
1874 Conn	185	1 M.	(a)	2.00-2.00-2.00
1874 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1874 Mass	190	3 M.	66-66-66	1.67-1.75-1.72
1874 N. Y.	190	1 M.	66-66-66	1.50-1.50-1.50
1874 Pa	380	19 M.	(a)	1.40-1.90-1.66
1874 Belgium	456	(a) (a)	(a)	.67- .67- .67
1874 England	569	(a) M.	54-74 —	.81-1.09- —
1874 France	16	(a) M.	(a)	.71- .71- .71
1874 Wales	185	(a) M.	(a)	.72-2.17- —
1875 Conn	190	1 M.	66-66-66	1.75-1.75-1.75
1875 Mass	190	5 M.	60-60-60	1.50-1.75-1.60
1875 N. Y.	190	1 M.	66-66-66	1.63-1.63-1.63
1875 Pa	380	2 M.	(a)	1.50-1.50-1.50
1875 Pa	381	2 M.	(a)	2.25-2.25-2.25
1875 Belgium	169	(a) M.	(a)	1.48-1.85- —
1875 Belgium	456	(a) (a)	(a)	.64- .64- .64
1875 France	16	(a) M.	(a)	.71- .71- .71
1876 Conn	190	2 M.	66-66-66	1.75-1.80-1.78
1876 Mass	190	10 M.	60-60-60	1.35-1.75-1.57
1876 N. H	7	3 M.	66-66-66	1.35-1.50-1.40
1876 N. Y.	190	1 M.	66-66-66	1.42-1.42-1.42
1876 Pa	381	262 M.	(a)	.85-2.90-1.61
1876 Pa	382	21 M.	(a)	1.35-2.03-1.68
1876 S. C	7	1 M.	66-66-66	1.00-1.00-1.00
1876 Belgium	456	(a) (a)	(a)	.64- .64- 64
1876 France	16	(a) M.	(a)	.71- .71- .71
1877 Conn	190	1 M.	66-66-66	1.80-1.80-1.80
1877 Ga	8	1 M.	66-66-66	1.50-1.50-1.50
1877 Mass	190	10 M.	60-60-60	1.20-1.75-1.51
1877 N. Y.	190	1 M.	66-66-66	1.27-1.27-1.27
1877 Ohio	359	59 M.	l84-84-84	1.00-1.92-1.40
1877 Pa	382	44 M.	n60-72-64	1.38-2.21-1.81
1877 Belgium	456	(a) (a)	(a)	.62- .62- .62
1877 England	25	(a) (a)	53-53-53	.88- .88- .88
1877 England	570	(a) M.	o54-72 —	.69-1.23- —
1877 France	16	(a) M.	(a)	.71- .71- .71
1877 Scotland	570	(a) M.	p51-51-51	.93-1.01- —
1878 Conn	7	3 M.	72-72-72	2.25-2.25-2.25
1878 Conn	190	1 M.	66-66-66	1.80-1.80-1.80
1878 Ga	7	1 M.	66-66-66	1.00-1.00-1.00
1878 Mass	190	9 M.	60-60-60	1.20-1.75-1.49
1878 N. Y.	190	1 M.	66-66-66	1.27-1.27-1.27
1878 Ohio	360	1 M.	(a)	2.30-2.30-2.30
1878 Pa	383	189 M.	q54-84-68	.45-2.00-1.25
1878 Va	7	2 M.	72-72-72	1.00-1.00-1.00
1878 Belgium	177	(a) M.	(a)	.66- .79- —
1878 Belgium	178	(a) M.	(a)	1.35-1.55- —
1878 Belgium	456	(a) (a)	(a)	.60- .60- .60

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 1 of the 3 wage quotations.
d Applies to but 8 of the 11 wage quotations.
e Average for 1867–68.
f Applies to but 8 of the 10 wage quotations.
g Applies to but 16 of the 17 wage quotations.
h Applies to but 2 of the 3 wage quotations.
i Applies to but 4 of the 7 wage quotations.
j Per hour.
k And house.
l Not including hours of 47 persons not reported.
n Not including hours of 8 persons not reported.
o Applies to but 9 of the 11 wage quotations.
p Applies to but 2 of the 4 wage quotations.
q Not including hours of 101 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Br. India	459	(a) (a)	(a)	0.12-0.25- —
1878 England	25	(a) M.	(a)	.88- .88- .88
1878 England	177	(a) M.	(a)	1.22-1.82- —
1878 England	178	(a) M.	b72-72-72	.78- .78- .78
1878 France	16	(a) M.	(a)	.71- .71- .71
1878 France	33	(a) M.	(a)	1.09-1.09-1.09
1878 Wales	177	(a) M.	(a)	.66- .66- .66
1879 Conn	190	1 M.	66-66-66	1.80-1.80-1.80
1879 Mass	190	8 M.	60-60-60	1.20-1.60-1.36
1879 Mo	293	2 M.	60-60-60	1.19-1.19-1.19
1879 N. Y	190	1 M.	66-66-66	1.27-1.27-1.27
1879 Pa	384	182 M.	c60-60-60	.44-2.50-1.39
1879 Pa	384	1 M.	(a)	d.75- .75- .75
1879 Belgium	456	(a) (a)	(a)	.58- .58- .58
1879 Br. India	459	(a) (a)	(a)	.08½-.26- —
1879 England	25	(a) (a)	56-56-56	.64- .84- —
1879 England	178	(a) M.	(a)	.73- .73- .73
1879 England	576	(a) M.	72-72-72	.79- .79- .79
1879 France	16	(a) M.	(a)	.86- .86- .86
1880 Mass	7	5 M.	60-60-60	1.10-1.50-1.31
1880 Mass	190	6 M.	60-60-60	1.25-1.60-1.42
1880 N. H	271	1 M.	69-69-69	1.60-1.60-1.60
1880 N. Y	7	2 M.	59-59-59	2.50-2.50-2.50
1880 N. Y	190	1 M.	66-66-66	1.27-1.27-1.27
1880 Pa	7	3 M.	e60-60-60	1.25-1.67-1.47
1880 R. I	190	2 M.	72-72-72	1.25-1.45-1.35
1880 Va	7	1 M.	68-68-68	1.25-1.25-1.25
1880 Belgium	456	(a) (a)	(a)	.59- .59- .59
1880 Br. India	459	(a) (a)	(a)	.07½-.23- —
1880 England	25	(a) (a)	56-56-56	.64- .84- —
1880 England	571	(a) M.	f54-84 —	.61-1.22- —
1880 France	16	(a) M.	(a)	.86- .86- .86
1880 Scotland	571	(a) M.	54-72 —	.65-1.03- —
1881 Conn	190	4 M.	66-66-66	1.25-1.80-1.58
1881 Ga	7	1 M.	66-66-66	1.00-1.00-1.00
1881 Mass	190	6 M.	60-60-60	1.25-1.60-1.42
1881 N. H	7	15 M.	65-65-65	1.25-2.00-1.45
1881 N. J	320	1 M.	72-72-72	1.68-1.68-1.68
1881 N. Y	190	1 M.	66-66-66	1.40-1.40-1.40
1881 N. C	7	2 M.	(a)	.60- .60- .60
1881 Ohio	7	1 M.	60-60-60	1.50-1.50-1.50
1881 Ohio	363	43 M.	g60-72-69	1.25-2.00-1.55
1881 R. I	190	3 M.	72-72-72	1.25-1.45-1.32
1881 Australia	34	(a) M.	60-60-60	1.62-1.62-1.62
1881 Belgium	456	(a) (a)	(a)	.63- .63- .63
1881 Br. India	459	(a) (a)	(a)	.07½-.22- —
1881 England	27	(a) (a)	56-56-56	.64- .84- —
1881 France	16	(a) M.	(a)	.86- .86- .86
1882 Conn	7	1 M.	66-66-66	1.33-1.33-1.33
1882 Conn	190	3 M.	66-66-66	1.25-1.75-1.50
1882 Ga	7	1 M.	70-70-70	.75- .75- .75
1882 Me	7	1 M.	(a)	1.50-1.50-1.50
1882 Mass	190	8 M.	60-60-60	1.20-1.60-1.39
1882 Mo	7	1 M.	59-59-59	1.75-1.75-1.75
1882 N. H	7	2 M.	66-66-66	1.50-1.50-1.50
1882 N. J	2	30 M.	48-48-48	2.33-2.50-2.42
1882 N. J	321	18 M.	60-72-67	1.50-1.75-1.70
1882 N. Y	190	1 M.	66-66-66	1.25-1.25-1.25
1882 N. C	7	1 M.	72-72-72	1.00-1.00-1.00
1882 Ohio	364	161 M.	h57-72-65	.50-2.50-1.46
1882 R. I	190	2 M.	72-72-72	1.25-1.45-1.35
1882 S. C	7	3 M.	e61-69-65	1.00-1.25-1.08
1882 Va	7	2 M.	(a)	1.25-1.50-1.38
1882 W. Va	7	1 M.	59-59-59	1.40-1.40-1.40
1882 Belgium	33	(a) M.	75-75-75	0.73-0.73-0.73
1882 Belgium	36	(a) M.	70-70-70	1.00-1.00-1.00
1882 Belgium	456	(a) (a)	(a)	.68- .68- .68
1882 Br. India	459	(a) (a)	(a)	.07½-.22- —
1882 Canada	33	(a) M.	60-60-60	1.20-1.20-1.20
1882 England	33	(a) (a)	i56-56-56	.64-1.05- —
1882 France	16	(a) M.	(a)	.86- .86- .86
1882 France	33	(a) M.	72-72-72	.77- .77- .77
1882 France	40	(a) M.	72-72-72	1.00-1.33- —
1882 Germany	33	(a) M.	69-76 —	.60- .71- —
1882 Germany	554	(a) (a)	54-72 —	.65-1.51- —
1882 Italy	33	(a) M.	66-66-66	.58- .67- —
1882 Netherl'ds	33	(a) M.	63-63-63	.67- .67- .67
1882 Russia	33	(a) M.	83-84 —	.33- .58- —
1882 St. Thomas	75	(a) M.	(a)	.33- .33- .33
1882 Switzerl'd	33	(a) M.	66-66-66	.64- .64- .64
1883 Ala	7	1 M.	(a)	1.17-1.17-1.17
1883 Conn	8	2 M.	60-60-60	2.00-2.00-2.00
1883 Conn	190	3 M.	66-66-66	1.25-1.75-1.50
1883 Ga	7	6 M.	g69-69-69	.75-1.60-1.26
1883 Ky	7	1 M.	(a)	1.00-1.00-1.00
1883 Mass	190	7 M.	60-60-60	1.20-1.60-1.41
1883 Mass	273	64 M.	(a)	1.00-2.08-1.51
1883 Mich	277	130 M.	(a)	1.25-2.58-1.85
1883 Miss	7	1 M.	(a)	1.33-1.33-1.33
1883 N. J	7	1 M.	60-60-60	2.00-2.00-2.00
1883 N. J	322	52 M.	j54-72-64	1.25-3.33-1.74
1883 N. Y	190	1 M.	66-66-66	1.25-1.25-1.25
1883 Pa	7	1 M.	(a)	1.50-1.50-1.50
1883 R. I	190	2 M.	72-72-72	1.25-1.60-1.43
1883 Tenn	7	2 M.	65-66-66	1.00-1.17-1.09
1883 Belgium	456	(a) (a)	(a)	.69- .69- .69
1883 Br. India	459	(a) (a)	(a)	.07½-.22- —
1883 England	43	(a) (a)	k54-54-54	.81-1.82- —
1883 England	45	(a) M.	56-56-56	.85- .85- .85
1883 England	572	(a) M.	54-75 —	.81-1.62- —
1883 France	16	(a) M.	(a)	.86- .86- .86
1883 Germany	47	(a) (a)	72-72-72	.89- .89- .89
1883 Germany	555	(a) (a)	b60-60-60	.71- .89- —
1883 Gr't Brit	273	(a) M.	(a)	.73- .99- —
1883 Russia	44	(a) (a)	(a)	.31- .38- —
1883 Scotland	43	(a) M.	56-72 —	.77- .97- —
1883 Scotland	572	(a) M.	54-72 —	.81-1.03- —
1884 Conn	190	3 M.	60-66-64	1.25-1.75-1.50
1884 Ga	7	5 M.	e66-70-67	1.00-1.25-1.07
1884 Ind	7	4 M.	(a)	.90-2.00-1.48
1884 Iowa	231	13 M.	63-63-63	1.37-1.37-1.37
1884 Ky	7	2 M.	66-66-66	1.75-2.00-1.88
1884 La	7	3 M.	63-66-64	1.67-2.25-1.89
1884 Mass	7	1 M.	60-60-60	1.54-1.54-1.54
1884 Mass	190	8 M.	60-60-60	1.20-1.60-1.47
1884 Mich	278	93 M.	(a)	1.00-4.50-1.76
1884 N. J	7	2 M.	60-60-60	1.67-1.67-1.67
1884 N. J	323	47 M.	l60-70-61	1.33-2.04-1.70
1884 N. Y	190	1 M.	66-66-66	1.25-1.25-1.25
1884 Ohio	7	2 M.	54-54-54	3.00-3.33-3.17
1884 Pa	388	57 M.	(a)	1.48-1.48-1.48
1884 R. I	7	1 M.	60-60-60	1.50-1.50-1.50
1884 R. I	190	2 M.	72-72-72	1.37-1.60-1.49
1884 S. C	7	1 M.	69-69-69	.83- .83- .83
1884 W. Va	7	2 M.	60-60-60	1.50-1.67-1.59
1884 Aust-Hun	178	(a) M.	60-71 —	.18- .93- —
1884 Aust-Hun	178	(a) M.	63-63-63	m.60- .73- —
1884 Belgium	178	(a) M.	n60-72 —	.58-1.64- —

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 174 persons not reported.
d And board.
e Not including hours of 1 person not reported.
f Applies to but 18 of the 20 wage quotations.
g Not including hours of 4 persons not reported.
h Not including hours of 21 persons not reported.
i Applies to but 2 of the 3 wage quotations.
j Not including hours of 15 persons not reported.
k Applies to but 2 of the 9 wage quotations.
l Not including hours of 23 persons not reported.
m And rent.
n Applies to but 5 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Belgium	456	(a) (a)	(a)	0.58-0.58-0.58
1884 Br. Guiana	178	(a) (a)	(a)	b .48- .80- —
1884 Br. India	459	(a) (a)	(a)	.07½-.22- —
1884 Canada	178	(a) (a)	c 60-60-60	.85-1.50- —
1884 Canada	466	(a) M.	48-66 —	1.17-2.08- —
1884 C. of G'd H.	484	(a) M.	(a)	1.46-1.46-1.46
1884 Colombia	178	(a) (a)	60-72 —	.32- .64- —
1884 Cuba	178	(a) (a)	(a)	1.17-1.63- —
1884 England	178	(a) M.	d 50-72 —	.67-1.82- —
1884 France	16	(a) M.	(a)	.86- .86- .86
1884 France	50	(a) M.	(a)	.72- .72- .72
1884 France	178	(a) M.	e 60-72 —	.77-1.29- —
1884 France	178	(a) M.	60-60-60	f .81- .96- —
1884 Germany	178	(a) M.	g 60-72 —	.23-1.19- —
1884 Germany	556	(a) (a)	h 54-66 —	.77- .97- —
1884 Ireland	178	(a) M.	56-60 —	.73-2.43- —
1884 Italy	178	(a) M.	i 60-84 —	.19- .97- —
1884 Mexico	178	(a) (a)	60-60-60	1.00-2.50- —
1884 Netherl'ds	178	(a) M.	60-70 —	.60- .85- —
1884 Persia	178	(a) (a)	(a)	.32- .32- .32
1884 Peru	178	(a) M.	54-54-54	.82-1.64- —
1884 Russia	55	(a) (a)	(a)	.33- .33- .33
1884 Russia	178	(a) M.	j 60-63 —	.40- .94- —
1884 Scotland	178	(a) M.	54-72 —	.36- .97- —
1884 Spain	178	(a) M.	k 54-105 –	.48-1.67- —
1884 Switzerl'd.	178	(a) M.	l 65-65-65	.58- .87- —
1884 Turk. in A.	178	(a) (a)	66-77 —	.17- .77- —
1884 Wales	178	(a) M.	n 54-66 —	.81-1.09- —
1885 Ala	1	10 M.	84-84-84	1.25-1.25-1.25
1885 Ala	7	3 M.	o 66-66-66	.75-1.50-1.08
1885 Ark	1	2 M.	60-60-60	1.75-1.75-1.75
1885 Cal.	1	18 M.	60-72-62	1.00-2.50-1.52
1885 Conn	1	3 M.	66-69-68	1.50-2.00-1.67
1885 Conn	7	6 M.	60-60-60	1.50-2.10-1.93
1885 Conn	190	3 M.	66-66-66	1.25-1.75-1.50
1885 Del	1	2 M.	60-60-60	1.16-1.25-1.21
1885 Ga	1	2 M.	69-69-69	.65- .85- .75
1885 Ill.	1	63 M.	60-72-69	1.25-2.33-1.87
1885 Ill.	7	2 M.	p 60-60-60	1.50-1.67-1.59
1885 Ind	1	20 M.	60-66-61	1.20-1.63-1.49
1885 Ky	1	5 M.	60-66-62	1.50-1.65-1.54
1885 La	7	1 M.	55-55-55	2.00-2.00-2.00
1885 Me	1	7 M.	66-72-68	1.15-1.75-1.50
1885 Me	7	19 M.	q 60-66-63	1.50-2.50-1.99
1885 Md.	1	6 M.	66-84-78	1.25-2.14-1.92
1885 Md.	7	1 M.	60-60-60	1.50-1.50-1.50
1885 Mass	1	34 M.	60-60-60	1.00-2.25-1.51
1885 Mass	7	5 M.	59-60-60	1.33-2.02-1.79
1885 Mass	190	7 M.	60-60-60	1.25-1.60-1.51
1885 Mich.	1	9 M.	60-66-61	1.25-2.25-1.65
1885 Mich	7	1 M.	(a)	1.50-1.50-1.50
1885 Mich	279	316 M.	r 66-66-66	1.15-2.75-1.64
1885 Minn	7	1 M.	(a)	1.75-1.75-1.75
1885 Mo	1	11 M.	60-72-71	2.00-2.85-2.18
1885 Mo.	7	2 M.	60-60-60	1.50-2.00-1.75
1885 N. H	1	9 M.	60-66-61	1.37-1.75-1.51
1885 N. H	7	6 M.	(a)	1.35-1.80-1.63
1885 N. J	1	3 M.	59-60-60	1.35-1.83-1.56
1885 N. J	7	3 M.	55-60-58	1.25-1.67-1.53
1885 N. J	324	19 M.	60-72-63	.75-1.67-1.24
1885 N. Y.	1	104 M.	60-72-66	1.10-2.00-1.50
1885 N. Y.	7	7 M.	r 60-60-60	1.58-3.00-2.11
1885 N. Y.	190	1 M.	66-66-66	1.34-1.34-1.34
1885 N. C.	1	34 M.	60-69-62	0.75-1.00-0.90
1885 N. C.	7	1 M.	(a)	1.00-1.00-1.00
1885 Ohio	1	182 M.	60-84-68	1.00-2.33-1.30
1885 Ohio	7	4 M.	58-60-60	1.67-1.75-1.69
1885 Pa	1	43 M.	60-84-64	1.45-1.92-1.65
1885 Pa	7	20 M.	r 60-60-60	1.50-1.87-1.58
1885 Pa	389	82 M.	(a)	1.65-1.65-1.65
1885 R. I	190	2 M.	72-72-72	1.25-1.60-1.43
1885 Tenn	7	3 M.	66-67-67	1.00-1.00-1.00
1885 Vt	1	3 M.	66-66-66	1.40-1.50-1.43
1885 Va	1	22 M.	60-84-71	1.00-1.50-1.22
1885 W. Va	1	1 M.	60-60-60	1.25-1.25-1.25
1885 Wis	7	7 M.	60-72-63	1.67-2.00-1.77
1885 Belgium	1	(a) M.	63-84 —	.61- .70- —
1885 Belgium	456	(a) (a)	(a)	.58- .58- .58
1885 Br. India	459	(a) (a)	(a)	.07- .22- —
1885 France	1	(a) M.	66-72 —	.67- .80- —
1885 France	16	(a) M.	(a)	.86- .86- .86
1885 Germany	1	(a) M.	72-72-72	.73- .73- .73
1885 Gr't Brit	1	(a) M.	54-72 —	.72-1.08- —
1885 Italy	1	(a) M.	60-72 —	.39- .58- —
1886 Ala	8	1 M.	60-60-60	.60- .60- .60
1886 Conn	190	2 M.	66-66-66	1.62-1.62-1.62
1886 Del	7	1 M.	72-72-72	1.67-1.67-1.67
1886 Ill.	7	7 M.	p 54-60-56	1.50-2.33-1.98
1886 Kans	240	1 M.	(a)	2.17-2.17-2.17
1886 Mass	190	6 M.	60-60-60	1.25-1.60-1.48
1886 Mich	7	7 M.	p 60-60-60	1.00-1.50-1.39
1886 N. H	7	9 M.	60-60-60	1.25-1.33-1.26
1886 N. J	325	35 M.	60-72-63	.83-1.67-1.44
1886 N. Y.	2	13 M.	56-56-56	1.67-1.67-1.67
1886 N. Y.	7	7 M.	o 54-60-59	1.00-2.00-1.60
1886 N. Y.	190	1 M.	66-66-66	1.34-1.34-1.34
1886 Pa	7	20 M.	p 57-64-60	1.25-2.25-1.66
1886 R. I	7	5 M.	60-60-60	1.33-1.75-1.48
1886 R. I	190	2 M.	60-60-60	1.25-1.60-1.43
1886 Antigua	65	(a) M.	(a)	.48- .48- .48
1886 Aust-Hun	60	(a) M.	(a)	.26- .74- —
1886 Belgium	456	(a) (a)	(a)	.47- .80- —
1886 Br. India	459	(a) (a)	(a)	.07- .21- —
1886 C. of G'd H.	483	(a) (a)	(a)	.41-2.43- —
1886 Chile	64	(a) M.	66-66-66	1.50-1.50-1.50
1886 Cuba	175	(a) M.	(a)	.92- .92- .92
1886 England	66	(a) (a)	(a)	1.01-1.01-1.01
1886 England	67	(a) (a)	(a)	.89- .89- .89
1886 England	600	(a) M.	57-57-57	.68-1.04- —
1886 England	601	(a) M.	56-57 —	.82- .86- —
1886 England	602	(a) M.	(a)	.50- .87- —
1886 England	604	(a) M.	(a)	.68- .68- .68
1886 France	16	(a) M.	(a)	.86- .86- .86
1886 France	66	(a) M.	(a)	.77- .77- .77
1886 Germany	62	(a) M.	(a)	.52- .52- .52
1886 Germany	184	(a) M.	(a)	.84-1.03- —
1886 Germany	548	(a) M.	(a)	.79- .99- —
1886 Germany	548	(a) (a)	(a)	.71-1.11- —
1886 Germany	548	(a) (a)	(a)	s .71- .71- .71
1886 Germany	548	(a) (a)	(a)	b .87- .87- .87
1886 Gr't Brit	601	(a) M.	57-57-57	.91-1.06- —
1886 Gr't Brit	602	(a) M.	(a)	.82- .82- .82
1886 Netherl'ds	456	(a) (a)	66-66-66	.67- .80- —
1886 Scotland	600	(a) M.	57-57-57	.72- .81- —
1886 Scotland	601	(a) M.	56-56-56	.82- .82- .82
1886 Scotland	602	(a) M.	(a)	.72-1.11- —

a Not reported.
b And lodging.
c Applies to but 1 of the 4 wage quotations.
d Applies to but 11 of the 18 wage quotations.
e Applies to but 5 of the 6 wage quotations.
f And lodging and fuel.
g Applies to but 21 of the 37 wage quotations.
h Applies to but 4 of the 5 wage quotations.
i Applies to but 19 of the 29 wage quotations.
j Applies to but 4 of the 6 wage quotations.
k Applies to but 14 of the 16 wage quotations.
l Applies to but 2 of the 3 wage quotations.
n Applies to but 3 of the 4 wage quotations.
o Not including hours of 2 persons not reported.
p Not including hours of 1 person not reported.
q Not including hours of 16 persons not reported.
r Not including hours of 3 persons not reported.
s And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Scotland ..	604	(a) M.	(a)	0.61-0.65- —
1887 Conn.....	190	4 M.	60-60-60	1.50-1.75-1.62
1887 Conn.....	202	42 M.	(a)	1.67-2.50-1.78
1887 Md.....	4	19 M.	(a)	1.10-2.50-1.53
1887 Mass.....	4	10 M.	(a)	1.40-2.00-1.67
1887 Mass.....	6	3 M.	(a)	1.35-1.60-1.43
1887 Mass.....	190	7 M.	60-60-60	1.00-1.65-1.36
1887 Mich.....	4	9 M.	b60-60-60	.77-1.75-1.33
1887 Mo.....	4	1 M.	(a)	1.75-1.75-1.75
1887 Nebr.....	312	7 (a)	54-60-55	1.35-2.37-1.84
1887 N. J.....	4	8 M.	(a)	1.15-2.11-1.93
1887 N. Y.....	4	7 M.	(a)	1.04-1.92-1.55
1887 N. Y.....	190	1 M.	60-60-60	1.42-1.42-1.42
1887 N. Y.....	331	8 M.	58-60-59	3.00-3.50-3.31
1887 Ohio.....	369	53 M.	54-60-57	1.25-3.00-1.57
1887 Oregon....	4	1 M.	(a)	2.49-2.49-2.49
1887 Pa.....	4	10 M.	(a)	1.40-1.80-1.46
1887 Pa.....	4	17 M.	(a)	c.12- .20- .14
1887 Pa.....	390	3 M.	d72-72-72	1.60-2.10-1.77
1887 R. I.....	190	2 M.	60-60-60	1.25-1.50-1.38
1887 R. I.....	396	1 M.	60-60-60	1.33-1.33-1.33
1887 Wis.....	4	4 M.	(a)	1.25-1.25-1.25
1887 Australia..	420	(a) (a)	e48-48-48	1.22-2.19- —
1887 Br. India..	459	(a) (a)	(a)	.06½-.19- —
1887 France....	16	(a) M.	(a)	.86- .86- .86
1887 Germany .	6	(a) M.	(a)	.63- .65- —
1887 Germany .	557	(a) M.	f42-63 —	.67-1.19- —
1887 Germany .	557	(a) (a)	g48-69 —	.61-1.07- —
1887 Germany .	557	(a) (a)	63-63-63	h.87- .87- .87
1887 Netherl'ds	598	(a) (a)	66-66-66	.68- .81- —
1888 Cal.....	194	2 M.	i61-61-61	2.31-2.50-2.41
1888 Conn.....	6	1 M.	(a)	1.50-1.50-1.50
1888 Conn.....	190	2 M.	60-60-60	1.50-1.75-1.63
1888 Del.....	6	1 M.	(a)	1.17-1.17-1.17
1888 Ga.....	6	2 M.	66-66-66	1.25-1.50-1.38
1888 Ill.....	5	5 M.	60-60-60	1.60-1.75-1.69
1888 Ill.....	209	10 M.	(a)	.80-2.29-1.61
1888 Ind.....	5	1 M.	(a)	1.63-1.63-1.63
1888 Kans.....	242	1 M.	(a)	1.75-1.75-1.75
1888 Mass.....	6	4 M.	j60-60-60	1.22-1.75-1.44
1888 Mass.....	190	7 M.	60-60-60	1.00-2.00-1.42
1888 Mich.....	280	63 M.	36-78-58	.58-2.15-1.79
1888 Mo.....	5	1 M.	(a)	1.50-1.50-1.50
1888 N. J.....	7	22 M.	(a)	1.50-4.50-2.67
1888 N. Y.....	6	20 M.	k60-60-60	1.25-2.00-1.41
1888 N. Y.....	190	1 M.	60-60-60	1.42-1.42-1.42
1888 N. Y.....	331	513 M.	l48-72-65	.67-3.33-1.91
1888 N. Y.....	331	1 M.	(a)	c.12½-.12½-.12½
1888 N. C.....	6	1 M.	(a)	1.25-1.25-1.25
1888 Ohio.....	370	13 M.	54-72-63	1.73-2.00-1.85
1888 R. I.....	6	9 M.	b60-60-60	1.33-1.67-1.50
1888 R. I.....	190	2 M.	60-60-60	1.25-1.50-1.38
1888 S. C.....	6	3 M.	d66-66-66	.75-1.25- .95
1888 Tenn.....	5	13 M.	(a)	1.00-1.50-1.23
1888 Va.....	5	4 M.	d72-72-72	1.15-1.56-1.37
1888 Va.....	6	1 M.	(a)	1.00-1.00-1.00
1888 W. Va.....	5	12 M.	66-66-66	1.86-1.86-1.86
1888 Australia .	432	(a) M.	(a)	1.95-1.95-1.95
1888 Br. India..	459	(a) (a)	(a)	.06½-.19- —
1888 C. of G'd H.	484	(a) M.	(a)	0.37-2.03- —
1888 England ..	5	(a) M.	(a)	.45-1.01- —
1888 England ..	6	(a) M.	(a)	.61-1.05- —
1888 France....	6	(a) M.	(a)	.71- .89- —
1888 France....	16	(a) M.	(a)	.86- .86- .86
1888 Germany .	5	(a) M.	72-72-72	.50- .50- .50
1888 Germany .	6	(a) M.	(a)	.55- .64- —
1888 Germany .	558	(a) M.	48-60 —	.71-1.11- —
1888 Germany .	558	(a) (a)	m48-69 —	.60-1.55- —
1888 Switzerl'd.	6	(a) (a)	(a)	.73- .73- .73
1889 Ala.....	5	78 M.	48-90-64	1.10-1.80-1.42
1889 Cal.....	6	2 M.	(a)	1.75-2.50-2.13
1889 Conn.....	6	5 M.	(a)	1.00-2.00-1.49
1889 Conn.....	190	2 M.	60-60-60	1.50-1.75-1.63
1889 Ga.....	5	3 M.	i84-84-84	1.00-1.10-1.07
1889 Ga.....	6	2 M.	66-66-66	1.25-1.50-1.38
1889 Ill.....	5	181 M.	i60-72-68	.55-2.35-1.63
1889 Ill.....	209	35 M.	(a)	1.00-2.00-1.60
1889 Ind.....	5	17 M.	d60-72-62	1.50-2.00-1.70
1889 Kans.....	243	16 M.	j54-72-61	1.25-1.83-1.50
1889 Me.....	6	16 M.	n60-70-63	1.27-1.75-1.55
1889 Md.....	5	4 M.	60-60-60	1.65-1.65-1.65
1889 Md.....	6	5 M.	(a)	1.00-1.38-1.23
1889 Mass.....	6	28 M.	o 60-60-60	1.25-1.97-1.69
1889 Mass.....	190	6 M.	60-60-60	1.25-2.00-1.58
1889 Mich.....	5	107 M.	p56-70-61	1.30-2.25-1.72
1889 Mich.....	281	23 M.	60-60-60	.83-2.25-1.46
1889 Minn	5	20 M.	60-60-60	1.75-1.95-1.89
1889 Miss.....	6	1 M.	(a)	1.25-1.25-1.25
1889 Mo.....	5	28 M.	(a)	1.50-2.17-1.74
1889 Mo.....	6	1 M.	(a)	1.59-1.59-1.59
1889 Mo.....	299	21 (a)	(a)	1.19-1.64-1.37
1889 N. H	6	22 M.	q60-72-70	1.50-2.17-1.62
1889 N. J.....	6	1 M.	60-60-60	1.50-1.50-1.50
1889 N. Y.....	5	69 M.	p60-72-66	1.25-2.10-1.79
1889 N. Y.....	6	8 M.	r 60-60-60	1.25-1.43-1.30
1889 N. Y.....	190	1 M.	60-60-60	1.42-1.42-1.42
1889 N. C.....	6	2 M.	(a)	1.00-1.00-1.00
1889 Ohio.....	5	97 M.	q50-84-67	1.13-2.25-1.56
1889 Pa.....	5	81 M.	s55-84-63	1.25-2.50-1.69
1889 Pa.....	6	1 M.	(a)	i.87-1.67-1.67
1889 R. I.....	6	5 M.	(a)	1.35-1.60-1.43
1889 R. I.....	190	2 M.	60-60-60	1.25-1.50-1.38
1889 S. C.....	6	1 M.	69-69-69	.75- .75- .75
1889 Tenn.....	5	21 M.	t 60-72-66	1.25-1.70-1.38
1889 Tenn.....	6	11 M.	k66-66-66	1.00-2.00-1.24
1889 Va.....	5	17 M.	60-84-72	1.00-1.75-1.69
1889 Va.....	6	2 M.	(a)	1.00-1.50-1.25
1889 W. Va	5	56 M.	w60-70-66	1.25-2.25-1.83
1889 Wis.....	5	14 M.	v 60-60-60	1.50-2.00-1.78
1889 Australia .	100	(a) M.	48-50 —	1.62-2.19- —
1889 Australia .	422	(a) (a)	48-48-48	2.19-2.19-2.19
1889 Australia .	430	(a) (a)	(a)	1.83-2.19- —
1889 Belgium ..	5	(a) M.	w60-84 —	.50- .82- —
1889 Br. India..	459	(a) (a)	(a)	.06- .19- —
1889 Canada ...	5	(a) M.	x56-84 —	.80-1.40- —
1889 Canada ...	481	(a) M.	(a)	1.50-1.50-1.50
1889 England ..	5	(a) M.	y54-84 —	.41-1.34- —
1889 England ..	6	(a) M.	z 57-60 —	.73-1.25- —

a Not reported.
b Not including hours of 6 persons not reported.
c Per hour.
d Not including hours of 2 persons not reported.
e Applies to but 2 of the 4 wage quotations.
f Applies to but 6 of the 7 wage quotations.
g Applies to but 24 of the 27 wage quotations.
h And lodging.
i Not including hours of 1 person not reported.
j Not including hours of 3 persons not reported.
k Not including hours of 9 persons not reported.
l Not including hours of 84 persons not reported.
m Applies to but 37 of the 39 wage quotations.
n Not including hours of 11 persons not reported.
o Not including hours of 18 persons not reported.
p Not including hours of 8 persons not reported.
q Not including hours of 16 persons not reported.
r Not including hours of 7 persons not reported.
s Not including hours of 22 persons not reported.
t Not including hours of 15 persons not reported.
u Not including hours of 40 persons not reported.
v Not including hours of 12 persons not reported.
w Applies to but 11 of the 18 wage quotations.
x Applies to but 8 of the 11 wage quotations.
y Applies to but 21 of the 28 wage quotations.
z Applies to but 2 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 France	5	(a) M.	b 60-60-60	0.70-0.80- —
1889 France	6	(a) M.	(a)	.82- .87- —
1889 France	16	(a) M.	(a)	.86- .86- .86
1889 Germany	5	(a) M.	c 72-84 —	.13- .82- —
1889 Germany	6	(a) M.	d 72-72-72	.52- .75- —
1889 Germany	534	(a) (a)	(a)	.71- .71- .71
1889 Germany	550	(a) M.	(a)	.71-1.07- —
1889 Ireland	6	(a) M.	56-56-56	.57- .57- .75
1889 Italy	632	(a) M.	(a)	.36- .54- —
1889 Italy	637	(a) M.	e 60-60-60	.40- .54- —
1889 Netherl'ds	516	(a) (a)	(a)	.80- .80- .80
1889 Portugal	691	(a) M.	f 60-84 —	.22- .86- —
1889 Scotland	5	(a) M.	60-60-60	.85- .85- .85
1889 Spain	5	(a) M.	78-78-78	.60- .60- .60
1890 Ala	5	2 M.	60-60-60	1.35-1.35-1.35
1890 Ala	6	7 M.	(a)	.50-1.50- .94
1890 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Conn	203	3 M.	g 87-87-87	1.87-2.00-1.91
1890 Ky	6	2 M.	(a)	1.00-1.25-1.13
1890 La	6	4 M.	(a)	2.00-2.00-2.00
1890 Me	6	3 M.	h 70-70-70	1.25-1.50-1.33
1890 Mass	6	1 M.	(a)	1.25-1.25-1.25
1890 Mass	190	9 M.	60-60-60	1.00-2.00-1.51
1890 Mich	5	4 M.	60-60-60	1.75-1.75-1.75
1890 Mich	282	12 M.	60-60-60	.67-2.05-1.47
1890 Miss	6	2 M.	(a)	1.00-1.50-1.25
1890 N. H	6	2 M.	60-60-60	1.50-1.50-1.50
1890 N. J	6	3 M.	g 60-60-60	1.00-1.75-1.47
1890 N. Y	6	16 M.	45-63-55	.67-1.50-1.24
1890 N. Y	190	1 M.	60-60-60	1.42-1.42-1.42
1890 N. Y	333	489 M.	(a)	.50-5.00-1.85
1890 N. Y	333	2 M.	(a)	i 1.13-1.13-1.13
1890 N. C	6	8 M.	(a)	.50-1.25- .99
1890 Ohio	371	149 (a)	48-72-62	.75-3.00-1.64
1890 Pa	6	3 M.	60-60-60	1.58-1.83-1.70
1890 R. I	6	1 M.	(a)	1.63-1.63-1.63
1890 R. I	190	2 M.	60-60-60	1.25-1.50-1.38
1890 Tenn	6	9 M.	j 69-69-69	.75-1.50-1.14
1890 Wis	5	2 M.	84-84-84	1.50-1.50-1.50
1890 Australia	423	(a) (a)	48-54 —	1.82-2.19- —
1890 Belgium	5	(a) M.	(a)	.48- .71- —
1890 Br. India	459	(a) (a)	(a)	.07½-.23- —
1890 C. of G'd H.	484	(a) M.	(a)	.61-1.82- —
1890 England	5	(a) M.	(a)	.85- .96- —
1890 England	6	(a) M.	57-60 —	.81- .93- —
1890 England	92	(a) M.	72-72-72	1.31-1.31-1.31
1890 England	576	(a) M.	72-72-72	1.04-1.04-1.04
1890 France	16	(a) M.	(a)	.86- .86- .86
1890 Germany	5	(a) M.	72-72-72	.69- .69- .69
1890 Germany	6	(a) M.	k 66-66-66	.62- .84- —
1890 Ireland	6	(a) M.	56-56-56	1.09-1.09-1.09
1890 Italy	632	(a) M.	(a)	.34- .55- —
1890 Italy	638	(a) M.	l 60-60-60	.34- .47- —
1890 Netherl'ds	666	(a) M.	n 60-72 —	.50-1.02- —
1890 Netherl'ds	666	(a) M.	(a)	o .03½-.05- —
1890 Norway	632	(a) M.	60-60-60	.53- .53- .53
1890 Scotland	6	(a) M.	56-65 —	.71- .97- —
1891 Conn	190	2 M.	60-60-60	1.50-1.50-1.50
1891 Fla	9	1 M.	60-60-60	1.50-1.50-1.50
1891 Kans	245	5 M.	60-60-60	2.00-2.00-2.00
1891 Me	257	9 M.	h 60-72-69	1.50-2.00-1.74
1891 Mass	190	12 M.	60-60-60	1.25-2.25-1.63
1891 Mich	191	1 M.	60-60-60	1.88-1.88-1.88
1891 Minn	191	2 M.	60-60-60	1.75-2.00-1.88
1891 Mo	300	12 M.	(a)	1.24-2.84-2.28
1891 N. Y	6	1 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	190	1 M.	60-60-60	1.59-1.59-1.59
1891 N. Y	333	629 M.	(a)	.50-5.00-1.82
1891 N. Y	333	2 (a)	(a)	i 1.13-1.13-1.13
1891 N. C	346	1 M.	71-71-71	.50- .50- .50
1891 Ohio	372	225 M.	36-84-63	1.00-3.00-1.74
1891 Pa	8	1 M.	60-60-60	2.00-2.00-2.00
1891 R.I	190	2 M.	60-60-60	1.25-1.50-1.38
1891 S. C	9	23 M.	g 60-60-60	.84-1.25-1.10
1891 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1891 Wis	411	1 M.	(a)	1.65-1.65-1.65
1891 Belgium	457	(a) M.	p 60-75 —	.43- .97- —
1891 Br. India	459	(a) (a)	(a)	.06½-.20- —
1891 Br. India	620	(a) M.	(a)	.08- .09½- —
1891 England	632	(a) M.	q 54-54-54	.97-1.71- —
1891 France	16	(a) M.	(a)	1.01-1.01-1.01
1891 France	505	(a) M.	r 48-84 —	.77-1.89- —
1891 France	505	(a) M.	60-60-60	s 1.93-1.93-1.93
1891 France	505	(a) M.	60-66 —	t .97-1.54- —
1891 Italy	634	(a) M.	(a)	.50- .58- —
1891 Italy	638	(a) M.	u 54-72 —	.19- .77- —
1891 Scotland	577	(a) M.	60-60-60	1.40-1.58- —
1891 Wales	577	(a) M.	48-72 —	.38- 93- —
1892 Cal	196	4 M.	54-60-56	2.49-2.67-2.63
1892 Conn	190	3 M.	60-60-60	1.50-1.50-1.50
1892 Fla	9	23 M.	60-66-61	1.00-1.54-1.33
1892 Ind	227	4 M.	60-60-60	1.12-1.25-1.19
1892 Me	258	5 M.	60-60-60	1.43-2.00-1.66
1892 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1892 Mass	20	5 M.	60-72-70	1.80-1.98-1.91
1892 Mass	190	8 M.	58-58-58	1.45-2.25-1.68
1892 Mich	191	1 M.	60-60-60	1.75-1.75-1.75
1892 Minn	191	2 M.	60-60-60	1.75-2.00-1.88
1892 N. H	20	1 M.	60-60-60	1.25-1.25-1.25
1892 N. Y	20	2 M.	54-60-57	1.59-2.00-1.80
1892 N. Y	190	1 M.	60-60-60	1.58-1.58-1.58
1892 Ohio	373	221 M.	v 48-84-69	.50-3.50-1.72
1892 R. I	20	1 M.	(a)	1.50-1.50-1.50
1892 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1892 S. C	9	16 M.	60-60-60	1.00-1.50-1.30
1892 Wis	191	1 M.	60-60-60	2.50-2.50-2.50
1892 Algeria	505	(a) M.	w 60-72 —	.74-1.20- —
1892 Australia	114	(a) M.	(a)	1.70-1.95- —
1892 Australia	424	(a) M.	x 48-48-48	.81-2.43- —
1892 Belgium	111	(a) M.	69-69-69	.73- .73- .73
1892 Br. India	111	(a) M.	(a)	.17- .28- —
1892 Br. India	459	(a) (a)	(a)	.06- .07- —
1892 C. of G'd H.	486	(a) M.	(a)	.49-2.43- —
1892 England	111	(a) (a)	b 57-57-57	.88-1.58- —
1892 England	113	(a) M.	(a)	.67- .69- —
1892 England	632	(a) M.	63-72 —	.73-1.22- —
1892 France	16	(a) M.	(a)	1.01-1.01-1.01
1892 France	111	(a) M.	72-72-72	.60- .93- —

a Not reported.
b Applies to but 1 of the 4 wage quotations.
c Applies to but 4 of the 18 wage quotations.
d Applies to but 2 of the 14 wage quotations.
e Applies to but 2 of the 3 wage quotations.
f Applies to but 13 of the 27 wage quotations.
g Not including hours of 1 person not reported.
h Not including hours of 2 persons not reported.
i And rent.
j Not including hours of 8 persons not reported.
k Applies to but 2 of the 7 wage quotations.
l Applies to but 1 of the 2 wage quotations.
n Applies to but 3 of the 10 wage quotations.
o Per hour.
p Applies to but 18 of the 22 wage quotations.
q Applies to but 1 of the 5 wage quotations.
r Applies to but 55 of the 59 wage quotations.
s And lodging.
t And *gratifications*.
u Applies to but 18 of the 28 wage quotations.
v Not including hours of 9 persons not reported.
w Applies to but 3 of the 5 wage quotations.
x Applies to but 1 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 France	119	(a) M.	(a)	0.57-0.67- —
1892 France	505	(a) M.	(b)	.17-1.45- —
1892 France	505	(a) M.	(a)	c.08⅛-.08½-.08⅛
1892 France	505	(a) M.	60-69 —	d.39- .93- —
1892 France	505	(a) M.	77-77-77	e1.21-1.21-1.21
1892 France	505	(a) M.	69-74 —	f.58- .72- —
1892 France	505	(a) M.	63-84 —	g.58- .91- —
1892 Germany	184	(a) M.	(a)	.95-1.07- —
1892 Italy	639	(a) M.	60-60-60	.53- .53- .53
1892 Netherl'ds	111	(a) M.	64-64-64	.60- .83- —
1892 Russia	111	(a) M.	(a)	.53- .53- .53
1892 Russia	692	(a) (a)	(a)	.20- .90- —
1892 Scotland	632	(a) M.	54-54-54	.69- .69- .69
1892 Spain	111	(a) M.	64-64-64	.67-1.00- —
1892 Switzerl'd	111	(a) M.	65-65-65	.90-1.10- —
1893 Conn	20	1 M.	60-60-60	2.25-2.25-2.25
1893 Md	8	1 M.	72-72-72	1.67-1.67-1.67
1893 Mass	20	4 M.	60-72-69	1.80-1.98-1.89
1893 Mich	191	1 M.	60-60-60	1.75-1.75-1.75
1893 Mich	285	5 M.	60-72-67	1.25-1.73-1.45
1893 Minn	191	2 M.	60-60-60	1.75-2.00-1.88
1893 Mo	302	73 M.	h54-72-68	.67-4.17-1.98
1893 Mo	303	22 M.	(a)	1.15-1.75-1.43
1893 N. H	20	1 M.	60-60-60	1.25-1.25-1.25
1893 N. J.	8	2 M.	84-84-84	1.40-1.40-1.40
1893 N. Y.	20	2 M.	54-60-57	1.67-2.00-1.84
1893 Ohio	374	282 M.	i36-81-62	.75-2.50-1.59
1893 Pa	10	2 M.	60-60-60	1.73-2.49-2.11
1893 R. I	20	1 M.	(a)	1.50-1.50-1.50
1893 Wis	191	1 M.	60-60-60	2.50-2.50-2.50
1893 Wis	412	2 M.	(a)	1.50-1.65-1.58
1893 Br. India	459	(a) (a)	(a)	.05½-.16- —
1893 England	583	(a) M.	(a)	1.03-1.22- —
1893 France	16	(a) M.	(a)	1.01-1.01-1.01
1893 Germany	560	(a) M.	(a)	c.07- .09½- —
1893 Italy	639	(a) M.	j54-72 —	.24- .77- —
1893 Norway	689	(a) M.	(a)	.46- .98- —
1894 Conn	20	1 M.	60-60-60	1.90-1.90-1.90
1894 Ga	8	3 M.	60-60-60	1.00-1.00-1.00
1894 Ind	228	3 M.	72-72-72	1.33-1.33-1.33
1894 Me	260	5 M.	60-66-62	1.19-2.00-1.50
1894 Mass	8	1 M.	72-72-72	2.00-2.00-2.00
1894 Mass	20	5 M.	k60-84-75	1.65-1.98-1.81
1894 Mich	191	1 M.	60-60-60	1.75-1.75-1.75
1894 Minn	191	4 M.	60-60-60	1.50-1.75-1.56
1894 Mont	308	8 M.	(a)	2.43-2.43-2.43
1894 N. H	8	1 M.	53-53-53	2.00-2.00-2.00
1894 N. H	20	1 M.	60-60-60	1.25-1.25-1.25
1894 N. Y.	8	20 M.	60-60-60	1.00-2.00-1.50
1894 N. Y.	20	2 M.	54-60-57	1.67-2.00-1.84
1894 N. C.	8	22 M.	60-84-63	.52-1.25- .96
1894 Ohio	375	118 M.	k54-72-64	1.48-3.22-1.88
1894 R. I	20	1 M.	(a)	1.35-1.35-1.35
1894 R. I	401	4 (a)	(a)	1.40-1.67-1.51
1894 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1894 W. Va	406	4 M.	60-72-69	1.10-1.25-1.19
1894 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1894 Australia	425	(a) (a)	(a)	1.22-2.43- —
1894 Aust-Hun	434	(a) M.	60-60-60	1.08-1.08-1.08
1894 Br. India	459	(a) (a)	(a)	.04½-.13- —
1894 C.of G'd H.	487	(a) M.	l51-66 —	1.22-2.24- —
1894 England	584	(a) M.	(a)	.89- .92- —
1894 France	16	(a) M.	(a)	1.01-1.01-1.01
1894 France	130	(a) M.	n72-72-72	1.10-1.54- —
1894 France	508	(a) M.	60-60-60	.97-1.35- —
1894 Spain	133	(a) M.	(a)	.65- .73- —
1894 Wales	584	(a) M.	(a)	.63- .83- —
1895 Ala	7	3 M.	60-66-62	1.00-1.75-1.32
1895 Conn	7	5 M.	60-72-70	1.25-1.93-1.71
1895 Conn	8	7 M.	60-60-60	1.50-2.00-1.78
1895 Conn	20	1 M.	45-45-45	1.50-1.50-1.50
1895 Fla	8	2 M.	60-63-62	1.00-1.00-1.00
1895 Ga	7	10 M.	o66-66-66	.75-1.60-1.13
1895 Ga	8	8 M.	66-66-66	.75-1.25- .95
1895 Ill	8	2 M.	54-54-54	2.30-2.30-2.30
1895 Kans	249	1 M.	48-48-48	1.00-1.00-1.00
1895 La	7	7 M.	55-63-61	1.72-2.25-1.95
1895 Me	7	59 M.	60-60-60	1.13-2.50-1.93
1895 Me	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Md	7	2 M.	54-60-57	1.08-2.33-1.71
1895 Md	8	2 M.	60-72-66	1.50-1.67-1.59
1895 Mass	7	32 M.	55-60-59	1.25-2.89-1.77
1895 Mass	8	21 M.	54-72-61	1.46-3.00-1.80
1895 Mass	20	5 M.	k60-72-69	1.44-1.98-1.73
1895 Mich	191	1 M.	60-60-60	1.63-1.63-1.63
1895 Mich	287	15 M.	(a)	1.15-1.50-1.39
1895 Minn	191	4 M.	60-60-60	1.50-1.60-1.53
1895 Miss	7	1 M.	60-60-60	1.50-1.50-1.50
1895 Mo	7	2 M.	59-60-60	1.50-1.75-1.63
1895 Mo	304	41 M.	(a)	1.25-2.56-1.71
1895 Mont	309	15 M.	(a)	2.17-2.17-2.17
1895 N. H	7	52 M.	59-66-60	1.13-2.25-1.57
1895 N. H	8	1 M.	60-60-60	1.40-1.40-1.40
1895 N. H	20	1 M.	60-60-60	1.25-1.25-1.25
1895 N. J	7	7 M.	53-60-58	1.17-2.83-1.98
1895 N. J	8	17 M.	59-60-60	1.50-3.00-1.93
1895 N. Y.	7	14 M.	59-60-60	1.60-3.50-2.18
1895 N. Y.	8	92 M.	48-60-60	1.00-2.67-1.84
1895 N. Y.	20	2 M.	54-60-57	1.67-2.00-1.84
1895 N. C.	7	5 M.	k65-69-67	.72-1.17- .93
1895 N. C	8	27 M.	60-72-65	.60-1.25- .88
1895 Ohio	7	2 M.	58-60-59	1.67-1.67-1.67
1895 Ohio	8	2 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	636 M.	p36-84-65	.67-2.81-1.63
1895 Pa	7	4 M.	60-60-60	1.50-2.33-1.83
1895 Pa	8	41 M.	54-60-59	1.50-2.50-1.75
1895 R. I	7	3 M.	55-66-60	1.50-2.00-1.72
1895 R. I	20	1 M.	(a)	1.50-1.50-1.50
1895 S. C	7	6 M.	60-66-64	1.00-1.50-1.08
1895 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1895 Tenn	7	13 M.	59-67-65	.50-1.25-1.03
1895 Tenn	8	1 M.	60-60-60	1.25-1.25-1.25
1895 Va	7	5 M.	q60-72-68	1.08-1.75-1.37
1895 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1895 Wis	413	12 (a)	60-78-65	1.25-2.50-1.68
1895 Australia	426	(a) (a)	r48-48-48	1.22-2.43- —
1895 Aust-Hun	435	(a) (a)	n57-63 —	.61- .81- —
1895 Aust-Hun	440	(a) M.	(a)	.68- .68- .68
1895 Br. India	459	(a) (a)	(a)	.04½-.13- —
1895 Canada	187	(a) M.	72-72-72	1.15-1.25- —
1895 England	591	(a) M.	(a)	.77- .79- —
1895 France	16	(a) M.	(a)	1.01-1.01-1.01
1895 France	509	(a) (a)	72-72-72	1.45-1.60- —
1895 France	513	(a) M.	s72-72-72	.59- .89- —

a Not reported.
b 51-102 — hours; applies to but 269 of the 274 wage quotations.
c Per hour.
d And lodging.
e And lodging, fuel, and light.
f And fuel.
g And *gratifications*.
h Not including hours of 6 persons not reported.
i Not including hours of 14 persons not reported.
j Applies to but 19 of the 30 wage quotations.
k Not including hours of 1 person not reported.
l Applies to but 3 of the 4 wage quotations.
n Applies to but 2 of the 4 wage quotations.
o Not including hours of 3 persons not reported.
p Not including hours of 35 persons not reported.
q Not including hours of 2 persons not reported.
r Applies to but 1 of the 4 wage quotations.
s Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREMEN, STATIONARY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 France	677	(a) M.	60-60-60	0.97-1.17- —
1896 Ala	7	1 M.	63-63-63	1.10-1.10-1.10
1896 Cal	8	6 M.	60-60-60	1.50-2.00-1.75
1896 Colo	200	21 M.	60-72-62	1.50-2.63-2.04
1896 Conn	7	10 M.	60-60-60	1.80-2.45-2.11
1896 Conn	8	30 M.	60-60-60	1.25-2.00-1.84
1896 Del	7	2 M.	72-72-72	1.79-1.79-1.79
1896 Fla	15	1 M.	(a)	1.25-1.25-1.25
1896 Ga	7	13 M.	b 54-66-64	.75-1.35-1.14
1896 Ga	8	5 M.	60-66-65	.40-1.25- .85
1896 Ill	7	12 M.	54-60-57	1.50-2.33-1.90
1896 Ill	8	1 M.	60-60-60	2.00-2.00-2.00
1896 Ill	12	1 M.	60-60-60	2.00-2.00-2.00
1896 Ind	7	4 M.	60-65-64	1.00-1.60-1.45
1896 Iowa	7	1 M.	(a)	1.92-1.92-1.92
1896 Ky	7	5 M.	60-63-61	1.00-1.75-1.30
1896 Md	7	2 M.	60-60-60	1.00-1.67-1.34
1896 Md	14	41 M.	60-77-67	1.29-2.01-1.86
1896 Mass	8	15 M.	54-68-60	1.25-2.00-1.68
1896 Mass	14	58 M.	60-70-70	1.83-2.28-2.18
1896 Mich	7	9 M.	b 54-60-59	1.00-2.00-1.44
1896 Mich	191	1 M.	60-60-60	1.63-1.63-1.63
1896 Mich	288	11 M.	60-72-62	.66-1.50-1.20
1896 Minn	7	1 M.	60-60-60	1.20-1.20-1.20
1896 Minn	8	3 M.	60-60-60	1.50-2.00-1.75
1896 Minn	8	1 M.	60-60-60	c 1.15-1.15-1.15
1896 Minn	191	5 M.	60-60-60	1.50-2.00-1.72
1896 Mont	310	30 M.	(a)	2.91-2.98-2.94
1896 Nebr	314	7 M.	48-60-55	1.66-2.50-2.02
1896 N. H	7	9 M.	60-60-60	1.17-1.50-1.31
1896 N. H	8	1 M.	60-60-60	1.75-1.75-1.75
1896 N. J	8	6 M.	56-60-59	1.50-2.33-1.97
1896 N. Y	7	9 M.	54-60-59	1.00-2.33-1.66
1896 N. Y	8	30 M.	48-60-59	1.50-2.50-1.95
1896 N. Y	14	601 M.	60-84-65	1.60-2.25-1.97
1896 N. C	7	5 M.	68-69-69	.60-1.00- .82
1896 N. C	8	1 M.	66-66-66	1.00-1.00-1.00
1896 Ohio	7	11 M.	54-60-58	1.17-3.50-2.14
1896 Ohio	8	2 M.	60-60-60	1.50-1.50-1.50
1896 Ohio	377	358 M.	d 36-72-64	.99-2.75-1.68
1896 Pa	7	52 M.	54-60-60	1.25-2.17-1.61
1896 Pa	8	15 M.	54-60-59	1.25-2.00-1.50
1896 Pa	14	66 M.	56-84-60	1.58-2.25-1.93
1896 Pa	394	33 M.	60-60-60	1.17-2.07-1.40
1896 R. I	7	7 M.	60-60-60	1.50-2.00-1.67
1896 R. I	8	11 M.	60-60-60	1.50-2.00-1.80
1896 S. C	7	4 M.	66-66-66	.75-1.50-1.09
1896 Tenn	15	1 M.	(a)	1.00-1.00-1.00
1896 Vt	7	1 M.	66-66-66	1.75-1.75-1.75
1896 W. Va	7	3 M.	b 55-59-57	1.67-2.63-1.99
1896 Wis	7	13 M.	48-72-63	1.67-1.75-1.73
1896 Wis	191	1 M.	60-60-60	2.00-2.00-2.00
1896 Australia	427	(a) (a)	e 48-48-48	1.22-2.03- —
1896 Aust-Hun	436	(a) (a)	59-66 —	.55- .68- —
1896 Br. Guiana	184	(a) M.	(a)	.96-1.34- —
1896 Br. India	459	(a) (a)	(a)	.07- .13- —
1896 England	139	(a) M.	(a)	.98- .98- .98
1896 England	592	(a) M.	(a)	0.75-1.08- —
1896 France	16	(a) M.	(a)	1.01-1.01-1.01
1896 France	505	(a) M.	72-72-72	1.16-1.16-1.16
1896 France	510	(a) M.	63-66 —	.42- .62- —
1896 Germany	679	(a) (a)	(a)	.56- .56- .56
1896 Mexico	184	(a) M.	f 78-78-78	.19-1.00- —
1896 Portugal	184	(a) (a)	(a)	.47- .47- .47
1896 Scotland	586	(a) M.	(a)	.97-1.03- —
1896 Wales	586	(a) M.	(a)	1.05-1.08- —
1897 Conn	8	5 M.	60-60-60	1.75-2.00-1.90
1897 Ga	8	1 M.	66-66-66	1.50-1.50-1.50
1897 Ill	8	2 M.	60-60-60	2.00-2.50-2.25
1897 Kans	251	11 M.	56-84-71	.86-2.14-1.48
1897 Me	8	4 M.	60-66-65	1.50-1.50-1.50
1897 Mass	8	8 M.	60-60-60	1.40-2.25-1.97
1897 Mich	8	1 M.	60-60-60	1.40-1.40-1.40
1897 Mich	289	89 M.	(a)	1.53-1.53-1.53
1897 Nebr	314	5 M.	60-60-60	2.25-2.50-2.38
1897 N. Y	8	12 M.	54-60-59	1.25-3.00-2.08
1897 N. Y	337	180 M.	g 72-72-72	1.87-3.00-2.49
1897 Ohio	377	328 (a)	h 48-72-66	.80-2.00-1.53
1897 Pa	8	7 M.	48-60-55	1.50-2.00-1.68
1897 Pa	395	18 M.	(a)	1.35-2.32-1.52
1897 Va	404	58 M.	i 48-72-63	.50-1.75-1.14
1897 Australia	418	(a) (a)	(a)	1.62-2.19- —
1897 Australia	428	(a) M.	j 48-48-48	.61-2.03- —
1897 Aust-Hun	437	(a) (a)	60-66 —	.44-1.05- —
1897 Aust-Hun	437	(a) (a)	66-66-66	k .58- .58- .58
1897 England	593	(a) (a)	(a)	.75- .77- —
1897 France	511	(a) M.	(a)	.53- .53- .53
1897 Germany	559	(a) M.	(a)	1.36-1.36-1.36
1898 Iowa	18	6 (a)	(a)	1.75-1.75-1.75
1898 Kans	252	2 M.	48-78-63	1.40-1.75-1.58
1898 Mo	306	31 (a)	48-72-63	1.75-1.90-1.80
1898 Nebr	314	50 (a)	60-96-83	.40-3.00-1.80
1898 N. Y	338	248 M.	(a)	1.00-3.00-1.84
1898 Ohio	18	26 M.	(a)	1.35-1.75-1.58
1898 Pa	18	65 M.	(a)	1.40-2.00-1.65
1898 Wash	405	177 (a)	(a)	1.50-2.25-1.81
1898 Australia	429	(a) (a)	48-48-48	2.03-2.19- —
1898 Aust-Hun	438	(a) (a)	57-63 —	.41-1.49- —
1898 England	594	(a) (a)	(a)	1.01-1.16- —
1898 N. Zealand	673	(a) M.	(a)	2.19-2.19-2.19
1899 Mich	291	13 M.	(a)	1.67-1.96-1.89
1899 N. Y	18	1 M.	59-59-59	1.67-1.67-1.67
1899 N. C	353	1 M.	66-66-66	.60- .60- .60
1899 Ohio	18	43 M.	(a)	1.48-1.72-1.65
1899 Pa	18	85 M.	l 84-84-84	1.50-2.00-1.82
1899 Tenn	403	31 M.	(a)	1.10-1.74-1.39
1899 Va	404	34 (a)	(a)	1.15-1.75-1.34
1899 N. Zealand	674	(a) M.	(a)	2.19-2.19-2.19
1899 N. Zealand	681	(a) M.	46-47 —	1.83-1.83-1.83
1899 Wales	588	(a) (a)	(a)	.90-1.02- —
1900 N. Y	18	1 M.	59-59-59	1.67-1.67-1.67
1900 Ohio	18	12 (a)	(a)	1.65-1.65-1.65
1900 Pa	18	8 M.	84-84-84	2.00-2.00-2.00

FIRE TENDERS, BAKERY.

1891	France	505	(a)	M.	j 60-60-60	1.11-1.47- —	1895	N. J	8	1 M.	60-60-60	1.67-1.67-1.67
1892	France	505	(a)	M.	84-84-84	m .77- .77- .77	1895	N. Y	8	5 M.	60-60-60	2.00-2.33-2.27

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d Not including hours of 10 persons not reported.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 1 of the 10 wage quotations.
g Not including hours of 92 persons not reported.
h Not including hours of 22 persons not reported.
i Not including hours of 2 persons not reported.
j Applies to but 1 of the 2 wage quotations.
k And lodging.
l Not including hours of 75 persons not reported.
m And 2½ pounds of bread per day.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FIREWORKS MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Portugal	691	(a)	(a)	(a)	0.11-0.86- —
1891 N. Y.	333	3	M.	(a)	3.50-5.00-4.17
1894 Ohio	375	1	M.	60-60-60	1.17-1.17-1.17
1895 Mass	8	1	M.	60-60-60	1.50-1.50-1.50
1895 N. J	7	20	F.	52-52-52	.67- .67- .67

FIRST HANDS, BAKERY.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	331	8	M.	b 62-87-76	1.83-2.83-2.32
1886 N. Y.	331	2	M.	c 74-74-74	d 1.33-1.67-1.50
1887 N. Y.	331	3	M.	c 64-77-71	2.00-2.67-2.28
1887 N. Y.	331	3	M.	b 78-78-78	d. 83-2.00-1.50
1888 N. Y.	331	6	M.	c 65-74-70	2.00-3.33-2.61
1890 Ala	332	7	(a)	(a)	2.00-2.00-2.00
1890 Cal.	332	113	(a)	(a)	2.55-3.08-2.65
1890 Colo.	332	15	(a)	(a)	2.81-2.81-2.81
1890 Conn.	332	48	(a)	(a)	2.32-2.67-2.49
1890 D. C.	332	32	(a)	(a)	2.55-2.55-2.55
1890 Ill.	332	160	(a)	(a)	2.52-2.52-2.52
1890 Kans.	332	27	(a)	(a)	2.40-2.40-2.40
1890 Ky.	332	34	(a)	(a)	1.28-1.28-1.28
1890 La	332	18	(a)	(a)	1.80-1.80-1.80
1890 Md.	332	14	(a)	(a)	1.84-1.84-1.84
1890 Mass	332	40	(a)	(a)	2.59-2.59-2.59
1890 Mich.	332	49	(a)	(a)	2.15-2.33-2.24
1890 Minn	332	29	(a)	(a)	2.33-2.33-2.33
1890 Mo.	332	13	(a)	(a)	2.09-2.09-2.09
1890 N. J	332	71	(a)	(a)	2.13-2.39-2.34
1890 N. Y.	332	342	(a)	(a)	2.15-2.85-2.45
1890 Ohio	332	135	(a)	(a)	1.72-2.41-2.18
1890 Oregon	332	9	(a)	(a)	1.98-1.98-1.98
1890 Pa	332	89	(a)	(a)	1.60-2.00-1.86
1890 Tenn.	332	7	(a)	(a)	1.95-1.95-1.95
1890 Va	332	14	(a)	(a)	1.91-2.11-2.01
1892 N. Y.	334	428	(a)	(f)	1.17-4.17-2.48
1892 N. Y.	334	155	(a)	(g)	d. 83-3.33-1.91
1892 N. Y.	334	2	(a)	72-72-72	h 3.00-3.50-3.25
1895 N. Y.	335	810	M.	(i)	.92-5.00-2.45
1896 N. Y.	335	1	M.	72-72-72	2.17-2.17-2.17

FISHERMEN.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1869 Germany	609	(a)	M.	(a)	.24- .49- —
1870 Germany	610	(a)	M.	72-72-72	.24- .49- —
1880 Japan	21	(a)	M.	(a)	.15- .20- —
1883 Mich.	277	10	M.	(a)	1.50-2.00-1.88
1883 Colombia	42	(a)	(a)	(a)	.20- .60- —
1884 Cal.	192	35	M.	78-78-78	2.30-2.30-2.30
1884 Mich.	278	1	M.	(a)	2.50-2.50-2.50
1884 Br. Hond.	178	(a)	M.	(a)	j .34- .56- —
1884 Italy	178	(a)	M.	(a)	.30- .60- —
1885 Germany	547	(a)	M.	(a)	k .50- .60- —
1886 Cal.	193	41	M.	(a)	2.30-2.30-2.30
1886 Cal.	193	3	M.	(a)	d 1.50-1.50-1.50
1886 Wis	2	16	M.	60-60-60	2.00-2.00-2.00
1886 Argentina	57	(a)	M.	(a)	.40-1.20- —
1887 Ohio	369	218	M.	60-60-60	1.00-2.00-1.87
1887 Ohio	369	26	F.	60-60-60	2.00-2.00-2.00
1888 N. C	343	3	M.	c 48-60-54	.96-2.00-1.40
1888 Germany	558	(a)	(a)	(a)	k .18- .33- —
1889 Algeria	632	(a)	M.	(a)	d .39- .39- .39
1889 Australia	422	(a)	(a)	(a)	.81-2.43- —
1889 Canada	471	(a)	M.	83-83-83	1.38-1.67- —
1889 Morocco	632	(a)	M.	(a)	.39- .58- —
1890 Australia	423	(a)	(a)	(a)	.81-2.43- —
1891 England	576	(a)	M.	l 96-96-96	.65-1.62- —
1892 England	632	(a)	M.	90-90-90	.57-1.09- —
1893 Md.	10	5	M.	60-84-74	.50-2.50-1.20
1893 N. Y.	10	1	M.	80-80-80	.83- .83- .83
1893 Ohio	374	20	M.	60-60-60	1.50-1.50-1.50
1893 France	507	(a)	(a)	(a)	.48- .48- .48
1893 Gr't Brit.	578	(a)	M.	90-100 —	m .81- .81- .81
1894 Ohio	374	280	M.	(a)	1.80-1.80-1.80
1894 Japan	647	(a)	(a)	(a)	.11- .18- —
1895 Japan	648	(a)	M.	(a)	.09- .18- —
1896 France	505	(a)	M.	60-72 —	.68- .68- .68
1896 Japan	649	(a)	M.	(a)	.15- .21- —
1896 Scotland	592	(a)	M.	(a)	.73- .81- —
1897 Va	404	50	M.	66-66-66	1.00-1.00-1.00
1897 Japan	650	(a)	M.	(a)	.16- .35- —
1898 France	512	(a)	M.	(a)	.32- .39- —
1899 England	588	(a)	(a)	(a)	n .73- .81- —

FISH FLAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 Me	7	1	M.	60-60-60	.67- .67- .67
1881 Me	7	4	F.	60-60-60	.67- .67- .67
1882 Me	7	16	M.	(a)	1.00-1.00-1.00
1882 Me	7	4	F.	(a)	.83-1.83-1.08
1884 Me	7	4	F.	(a)	.33- .50- .44
1895 Me	7	10	M.	60-60-60	.42-1.67- .89
1895 Me	7	23	F.	60-60-60	.42-1.82-1.01

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.
d And board.
e Not including hours of 4 persons not reported.
f 47-126-74 hours; not including hours of 16 persons not reported.
g 45-100-73 hours; not including hours of 9 persons not reported.
h And lodging.
i 40-132-70 hours; not including hours of 2 persons not reported.
j And rations.
k And board and lodging.
l Applies to but 1 of the 4 wage quotations.
m And food.
n And premiums.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FISHING TACKLE MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	3	2 F.	52-53-53	0.75-1.00-0.88	1891 N. Y.	333	10 M.	(a)	0.50-0.50-0.50
1890 N. Y.	333	4 M.	(a)	.50- .50- .50	1893 Pa	10	1 M.	58-58-58	2.50-2.50-2.50

FITTERS, AGRICULTURAL IMPLEMENTS.

1871	England	629	(a)	(a)	(a)	.97-1.01- —	1890	N. Y.	333	6 M.	(a)	1.50-1.75-1.58
1884	Ill.	207	1	M.	(a)	3.00-3.00-3.00	1891	N. Y.	333	6 M.	(a)	1.50-1.75-1.58
1885	Ill.	1	215	M.	60-60-60	2.00-2.25-2.02	1892	Ind	227	15 M.	54-54-54	1.56-1.56-1.56
1885	Ind	1	28	M.	60-60-60	.55-2.20-1.49	1893	Ohio	374	20 M.	48-60-57	1.60-2.60-2.22
1885	N. Y.	1	11	M.	60-60-60	1.60-3.00-1.73	1894	N. Y.	8	5 M.	60-60-60	1.50-1.50-1.50
1885	Ohio	1	48	M.	60-60-60	1.50-2.50-2.20	1895	Ohio	376	11 M.	54-60-57	2.00-2.60-2.16
1887	Ohio	369	36	M.	60-60-60	1.50-2.50-2.26	1896	Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1887	Wis	409	4	M.	(a)	2.00-2.00-2.00	1896	Ohio	377	7 M.	55-55-55	1.90-1.90-1.90
1890	Mich	282	6	M.	60-60-60	1.25-2.00-1.52	1898	N. Zealand	680	(a) M.	(a)	1.98-1.98-1.98

FITTERS, CARRIAGES AND WAGONS.

1863	N. J	8	1	M.	60-60-60	2.50-2.50-2.50	1894	Ohio	375	56 M.	60-60-60	.98-1.10-1.04
1885	Ill.	1	2	M.	60-60-60	1.75-1.75-1.75	1894	C. of G'd H.	487	(a) M.	48-48-48	2.43-2.64- —
1890	N. Y.	333	1	M.	(a)	2.00-2.00-2.00	1895	N. Y.	8	1 M.	60-60-60	1.60-1.60-1.60
1891	N. Y.	333	1	M.	(a)	2.00-2.00-2.00	1895	Ohio	376	23 M.	57-57-57	1.97-1.97-1.97
1891	France	505	(a)	M.	60-60-60	1.54-1.54-1.54	1896	Ohio	377	42 M.	60-60-60	1.96-1.96-1.96
1892	France	505	(a)	M.	60-66 —	.51-1.30- —	1898	France	512	(a) M.	60-66 —	.97-1.27- —
1893	Ohio	374	4	M.	60-60-60	1.70-1.70-1.70						

FITTERS, CAR WORKS.

1869	Germany	609	(a)	(a)	72-72-72	.95- .95- .95	1880	England	571	(a) M.	54-54-54	1.09-1.09-1.09
1869	Italy	610	(a)	M.	(a)	.48- .48- .48	1883	England	572	(a) M.	54-54-54	1.18-1.18-1.18
1873	Scotland	178	(a)	M.	72-72-72	.95-1.20- —	1884	France	178	(a) M.	(a)	.80-1.20- —
1873	Scotland	178	(a)	M.	72-72-72	.95-1.25- —	1884	Scotland	178	(a) M.	72-72-72	1.09-1.21- —

FITTERS, CLAY AND POTTERY PRODUCTS.

1887	Ohio	369	34	F.	51-54-54	.75-1.25-1.00	1894	Ohio	375	5 F.	(a)	1.12-1.12-1.12

FITTERS, CLOCKS.

1842	Conn.	8	4	M.	66-66-66	1.25-1.75-1.44	1896	Conn.	8	9 M.	60-60-60	1.13-2.50-1.88
1892	France	505	(a)	M.	63-66 —	.58-1.25- —						

FITTERS, CLOTHING.

1871	England	629	(a)	(a)	(a)	.61- .61- .61	1886	N. J	3	1 F.	57-57-57	3.33-3.33-3.33
1881	N. J	7	1	F.	59-59-59	3.00-3.00-3.00	1886	N. Y.	3	1 F.	54-54-54	3.00-3.00-3.00
1883	Mass	273	5	M.	(a)	1.83-2.50-2.37	1886	Pa	3	1 F.	58-58-58	1.17-1.17-1.17
1883	Mass	273	3	F.	(a)	1.17-1.17-1.17	1887	La	3	1 F.	60-60-60	1.08-1.08-1.08
1884	N. J	7	1	M.	(a)	3.33-3.33-3.33	1888	N. Y.	331	6 M.	59-60-59	.67-1.67- .97
1884	Aust-Hun.	178	(a)	(a)	60-60-60	.60-1.00- —	1888	N. Y.	331	1 F.	59-59-59	1.50-1.50-1.50
1885	N. Y.	7	7	F.	54-54-54	2.00-4.17-3.52	1888	Va	3	2 F.	53-54-54	.42- .67- .55
1886	Ill	208	30	(a)	48-48-48	2.83-2.83-2.83	1890	N. Y.	333	1 M.	(a)	2.50-2.50-2.50

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FITTERS, CLOTHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y.	333	2	M.	(a)	2.50-2.50-2.50
1891 Belgium	457	(a)	M.	60-60-60	.48- .97- —
1892 Ill	210	2	F.	54-54-54	1.47-2.00-1.74
1892 Australia	424	(a)	(a)	(a)	.89- .89- .89
1892 France	505	(a)	M.	54-54-54	.58- .68- —
1893 Ohio	374	3	M.	54-54-54	1.50-1.50-1.50
1894 Ohio	375	3	M.	(a)	1.50-1.50-1.50
1894 Australia	425	(a)	(a)	(a)	.41- .81- —
1894 France	506	(a)	M.	b66-72 —	.74-1.77- —
1894 France	506	(a)	M.	72-72-72	c1.23-1.23-1.23
1895 N. J	7	2	F.	53-54-54	1.67-2.50-2.09
1895 N. Y.	7	2	F.	54-54-54	2.33-3.00-2.67
1895 N. Y.	8	7	M.	54-60-56	.83-3.33-1.76
1895 N. Y.	8	7	F.	54-60-55	.50-1.50-1.05
1895 Ohio	376	3	M.	(a)	1.50-1.50-1.50
1895 R. I	7	6	F.	57-57-57	1.00-1.67-1.19
1895 Australia	426	(a)	(a)	(a)	.41- .81- —
1896 Conn	8	6	F.	60-60-60	1.25-2.00-1.63
1896 Ill	7	5	F.	54-54-54	1.67-3.00-2.20
1896 Ohio	377	5	M.	54-54-54	1.70-1.70-1.70
1896 Australia	427	(a)	(a)	(a)	.41- .81- —

FITTERS, FIREARMS.

1866 England	566	(a)	M.	60-60-60	.81-1.42- —
1880 England	571	(a)	M.	50-50-50	1.78-1.78-1.78
1888 N. Y.	331	12	M.	60-60-60	2.00-2.00-2.00
1891 Belgium	457	(a)	M.	60-60-60	.87-1.06- —
1892 France	505	(a)	M.	60-60-60	.87-1.06- —
1893 England	589	(a)	M.	53-54 —	1.22-1.46- —
1894 N. Y.	8	20	M.	60-60-60	2.00-4.00-2.83
1896 Conn.	8	17	M.	60-60-60	2.00-3.00-2.57
1896 N. Y.	8	37	M.	60-60-60	2.00-3.00-2.54
1897 N. Y.	8	19	M.	60-60-60	1.50-3.00-2.43

FITTERS, FOUNDRY AND MACHINE SHOP.

1839 England	562	(a)	M.	58-58-58	1.22-1.22-1.22
1840 England	564	(a)	(a)	61-61-61	.97-1.14- —
1849 England	562	(a)	M.	58-58-58	1.22-1.22-1.22
1850 England	564	(a)	(a)	54-61 —	.85- .97- —
1855 England	561	(a)	(a)	(a)	1.22-1.22-1.22
1856 England	561	(a)	(a)	(a)	1.22-1.22-1.22
1856 Scotland	562	(a)	M.	(a)	1.01-1.01-1.01
1857 England	561	(a)	(a)	(a)	1.22-1.22-1.22
1857 Ireland	561	(a)	(a)	(a)	1.22-1.22-1.22
1857 Scotland	562	(a)	M.	(a)	.97- .97- .97
1858 England	562	(a)	M.	(a)	1.18-1.18-1.18
1858 Ireland	563	(a)	(a)	63-63-63	.89-1.22- —
1858 Scotland	562	(a)	M.	(a)	.97- .97- .97
1859 England	177	(a)	M.	59-59-59	1.13-1.13-1.13
1859 England	562	(a)	M.	58-58-58	1.30-1.30-1.30
1859 England	563	(a)	M.	58-63 —	1.14-1.18- —
1859 Ireland	563	(a)	(a)	63-63-63	.89-1.22- —
1859 Scotland	563	(a)	(a)	(a)	.87- .87- .87
1860 England	45	(a)	M.	(a)	1.22-1.22-1.22
1860 England	564	(a)	(a)	54-60 —	.97-1.18- —
1860 Ireland	563	(a)	(a)	63-63-63	.89-1.46- —
1860 Scotland	563	(a)	(a)	(a)	.89- .89- .89
1861 England	564	(a)	(a)	57-57-57	1.18-1.18-1.18
1861 Scotland	564	(a)	(a)	(a)	.85- .93- —
1863 England	565	(a)	(a)	d57-57-57	1.16-1.23- —
1863 Scotland	565	(a)	(a)	(a)	.89-1.01- —
1865 England	627	(a)	M.	d78-78-78	.20- .22- —
1869 England	177	(a)	M.	59-59-59	1.14-1.14-1.14
1870 England	45	(a)	M.	(a)	1.22-1.22-1.22
1870 England	177	(a)	M.	61-61-61	.76-1.20- —
1870 Russia	610	(a)	M.	(a)	.41-1.06- —
1871 Brazil	611	(a)	M.	(a)	.81-2.07- —
1871 England	185	(a)	M.	59-59-59	.97-1.08- —
1871 England	629	(a)	(a)	58-59 —	1.09-2.43- —
1871 Italy	610	(a)	M.	60-60-60	.77- .97- —
1871 Scotland	185	(a)	M.	57-57-57	1.01-1.01-1.01
1871 Scotland	629	(a)	(a)	(a)	.98- .98- .98
1872 Conn.	8	1	M.	60-60-60	2.25-2.25-2.25
1872 Belgium	598	(a)	(a)	(a)	.68- .68- .68
1872 England	185	(a)	M.	50-54 —	1.13-1.33- —
1872 Germany	185	(a)	M.	72-72-72	.72- .96- —
1873 Belgium	598	(a)	(a)	(a)	.73- .73- .73
1873 England	177	(a)	M.	54-54-54	1.14-1.14-1.14
1873 England	177	(a)	M.	(a)	e.15- .15- .15
1873 England	185	(a)	M.	f 54-54-54	1.30-1.46- —
1873 Germany	185	(a)	(a)	60-60-60	.60- .84- —
1873 Scotland	177	(a)	M.	72-72-72	.95-1.20- —
1873 Switzerl'd.	714	(a)	M.	66-66-66	.92-1.06- —
1874 Belgium	598	(a)	(a)	(a)	.78- .78- .78
1874 Br. India	459	(a)	M.	(a)	.13- .20- —
1874 Canada	185	(a)	M.	59-59-59	1.75-1.75-1.75
1874 England	569	(a)	M.	50-50-50	1.62-1.62-1.62
1874 Scotland	177	(a)	M.	51-51-51	1.00-1.04- —
1874 Scotland	185	(a)	M.	51-51-51	1.20-1.20-1.20
1875 Belgium	598	(a)	(a)	(a)	.76- .76- .76
1875 Br. India	459	(a)	M.	(a)	.13- .20- —
1875 Scotland	177	(a)	M.	51-51-51	1.00-1.04- —
1876 Pa	381	14	M.	(a)	2.00-3.33-2.28
1876 Australia	177	(a)	M.	(a)	e.26- .31- —
1876 Belgium	598	(a)	(a)	(a)	.75- .75- .75
1876 Br. India	459	(a)	M.	(a)	.13- .19- —
1876 Scotland	177	(a)	M.	51-51-51	1.00-1.04- —
1877 Pa	382	5	M.	60-60-60	2.16-2.16-2.16
1877 Belgium	598	(a)	(a)	(a)	.77- .77- .77
1877 Br. India	459	(a)	M.	(a)	.13- .19- —
1877 England	45	(a)	M.	(a)	1.30-1.30-1.30
1877 England	570	(a)	M.	54-54-54	1.26-1.26-1.26
1877 Scotland	570	(a)	M.	51-51-51	.36-1.04- —
1878 Pa	383	6	M.	54-60-59	1.25-3.00-1.97
1878 Australia	177	(a)	M.	(a)	2.19-2.92- —
1878 Belgium	598	(a)	(a)	(a)	.73- .73- .73
1878 Br. India	459	(a)	M.	(a)	.13- .37- —
1878 England	177	(a)	M.	g 54-54-54	.72-1.38- —
1878 England	177	(a)	M.	(a)	e.17- .17- .17
1878 Scotland	177	(a)	M.	51-72 —	.95-1.28- —
1879 Mo	293	1	M.	(a)	2.10-2.10-2.10
1879 Belgium	598	(a)	(a)	(a)	.69- .69- .69
1879 Br. India	459	(a)	M.	(a)	.13- .31- —

a Not reported.
b Applies to but 5 of the 6 wage quotations.
c And board.
d Applies to but 1 of the 2 wage quotations.
e Per hour.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 5 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FITTERS, FOUNDRY AND MACHINE SHOP—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1879 Canada	177	(a) M.	(a)	b0.14-0.23- —
1880 Belgium	598	(a) (a)	(a)	.66- .66- .66
1880 Br. India	459	(a) M.	(a)	.13- .33- —
1880 England	571	(a) M.	49-54 —	.35-1.34- —
1880 Scotland	571	(a) M.	54-54-54	.24-1.21- —
1881 Ohio	363	1 M.	60-60-60	2.50-2.50-2.50
1881 Pa	2	20 M.	60-60-60	4.00-4.50-4.25
1881 Belgium	598	(a) (a)	(a)	.64- .64- .64
1881 Br. India	459	(a) M.	(a)	.12- .34- —
1881 Scotland	29	(a) M.	54-56 —	.96-1.08- —
1882 Ohio	364	29 (a)	60-60-60	1.60-3.00-2.18
1882 Belgium	598	(a) (a)	(a)	.64- .64- .64
1882 Br. India	459	(a) M.	(a)	.12- .34- —
1882 Germany	554	(a) (a)	60-60-60	.60- .95- —
1882 Scotland	34	(a) M.	56-56-56	1.08-1.08-1.08
1882 Scotland	37	(a) M.	54-54-54	1.04-1.04-1.04
1883 Mass	273	4 M.	(a)	2.50-2.50-2.50
1883 N. J	322	41 M.	60-60-60	2.00-3.00-2.49
1883 Pa	2	34 M.	60-60-60	2.00-2.00-2.00
1883 Belgium	598	(a) (a)	(a)	.64- .64- .64
1883 Br. India	459	(a) M.	(a)	.11- 40- —
1883 England	43	(a) (a)	(a)	b.20- .20- .20
1883 England	45	(a) M.	(a)	1.30-1.30-1.30
1883 England	572	(a) M.	54-54-54	1.22-1.42- —
1883 Gr't Brit	273	(a) M.	(a)	.89-2.43- —
1883 Scotland	572	(a) M.	54-54-54	1.07-1.42- —
1884 N. J	323	4 M.	60-60-60	2.30-2.75-2.46
1884 Australia	178	(a) (a)	c48-48-48	2.19-2.92- —
1884 Belgium	598	(a) (a)	(a)	.63- .63- .63
1884 Brazil	178	(a) M.	60-63 —	.86-4.30- —
1884 Br. India	459	(a) M.	(a)	.11- .40- —
1884 Canada	178	(a) (a)	d60-60-60	1.50-3.40- —
1884 Canada	178	(a) (a)	(a)	b.23- .23- .23
1884 Canada	466	(a) M.	54-59 —	.55-1.82- —
1884 C. of G'd H.	178	(a) (a)	(a)	1.88-2.98- —
1884 C. of G'd H.	483	(a) (a)	(a)	4.87-5.27- —
1884 Ceylon	178	(a) (a)	(a)	.29-1.34- —
1884 England	178	(a) M.	e53-54 —	.38-1.54- —
1884 France	178	(a) M.	f60-60-60	.24-1.27- —
1884 Germany	178	(a) M.	60-72 —	.48- .60- —
1884 Hawai. Is.	178	(a) (a)	53-53-53	4.00-6.00- —
1884 Ireland	178	(a) M.	54-56 —	.81-1.46- —
1884 Italy	178	(a) M.	g42-72 —	.39-1.25- —
1884 Malta	178	(a) M.	60-60-60	.85-1.46- —
1884 Russia	178	(a) M.	c63-63-63	.38-1.81- —
1884 Scotland	178	(a) M.	72-72-72	1.09-1.42- —
1884 Spain	178	(a) M.	57-60 —	.24-2.00- —
1884 Turk.in A.	178	(a) (a)	66-66-66	.90-1.63- —
1884 Wales	178	(a) M.	h54-60 —	.97-1.70- —
1885 Ill	1	30 M.	60-60-60	.60-1.95-1.68
1885 Mich	1	10 M.	60-60-60	2.00-2.00-2.00
1885 N. H	1	50 M.	60-60-60	1.50-1.50-1.50
1885 N. J	324	19 M.	42-60-50	1.41-3.83-2.26
1885 N. Y	1	103 M.	60-60-60	2.25-3.00-2.98
1885 Belgium	598	(a) (a)	(a)	.62- .62- .62
1885 Br. India	459	(a) M.	(a)	.11- .35- —
1885 Canada	467	(a) M.	58-63 —	1.56-1.83- —
1886 Conn	2	18 M.	60-60-60	3.00-3.00-3.00
1886 Argentina	57	(a) M.	(a)	2.00-4.33- —
1886 Australia	184	(a) M.	(a)	2.19-3.16- —
1886 Br. India	459	(a) M.	(a)	.10- .33- —
1886 Canada	468	(a) M.	55-55-55	1.58-1.58-1.58
1886 C. of G'd H.	483	(a) (a)	(a)	1.95-4.46- —
1886 England	604	(a) M.	i54-54-54	1.00-1.91- —
1886 Gr't Brit	632	(a) M.	54-54-54	1.16-1.58- —
1886 Ireland	604	(a) M.	f54-54-54	1.10-1.30- —
1886 Scotland	604	(a) M.	j54-54-54	1.06-1.37- —
1887 Conn	202	22 M.	(a)	1.87-1.87-1.87
1887 Mich	4	104 M.	k60-60-60	1.50-3.00-2.20
1887 Mich	4	24 M.	(a)	b.20- .26- .22
1887 Ohio	369	32 M.	60-60-60	1.50-1.80-1.73
1887 Australia	420	(a) (a)	(a)	2.43-3.00- —
1887 Br. India	459	(a) M.	(a)	.10- .32- —
1887 Canada	469	(a) M.	60-60-60	1.62-1.97- —
1887 England	599	(a) M.	(a)	1.14-1.30- —
1887 Germany	557	(a) (a)	48-60 —	.60-1.07- —
1887 Germany	615	(a) M.	(a)	b.08½-.10- —
1888 N. J	326	424 M.	l58-58-58	1.66-3.33-2.03
1888 N. Y	331	60 M.	n53-59-55	1.50-3.50-2.74
1888 Australia	430	(a) (a)	(a)	2.43-3.00- —
1888 Australia	432	(a) M.	(a)	1.95-2.76- —
1888 Br. India	459	(a) M.	(a)	.09½-.19- —
1888 Canada	470	(a) M.	49-58 —	1.72-1.77- —
1888 C. of G'd H.	483	(a) (a)	(a)	1.70-4.26- —
1888 England	5	(a) M.	(a)	.65- .73- —
1888 Germany	558	(a) (a)	54-60 —	.60-1.79- —
1888 Germany	615	(a) M.	(a)	b.08½-.09½- —
1889 Australia	100	(a) M.	48-48-48	2.19-3.16- —
1889 Australia	432	(a) M.	(a)	1.95-2.60- —
1889 Br. India	459	(a) M.	(a)	.09- .31- —
1889 Canada	471	(a) M.	58-58-58	1.89-1.89-1.89
1889 Germany	615	(a) M.	(a)	b.09-.09½- —
1890 Mich	282	2 M.	60-60-60	2.00-2.00-2.00
1890 N. Y	333	41 M.	(a)	2.00-2.50-2.32
1890 Br. India	459	(a) M.	(a)	.12- .39- —
1890 C. of G'd H.	484	(a) M.	(a)	1.95-4.87- —
1890 England	180	(a) M.	54-54-54	1.26-1.26-1.26
1890 Germany	615	(a) M.	(a)	.08½-.10- —
1890 Gr't Brit	632	(a) M.	53-54 —	1.14-1.58- —
1890 Spain	632	(a) M.	(a)	.58-1.16- —
1891 N. Y	333	129 M.	(a)	.83-3.00-2.52
1891 Belgium	457	(a) M.	60-66 —	.09½-.87- —
1891 Belgium	457	(a) M.	(a)	b.06-.07½- —
1891 Br. India	459	(a) M.	(a)	.10- .34- —
1891 France	505	(a) M.	60-84 —	.29-2.32- —
1891 Germany	551	(a) (a)	(a)	.83-2.38- —
1892 Pa	20	60 M.	60-60-60	2.20-3.52-2.36
1892 Algeria	505	(a) M.	67-67-67	o1.06-1.06-1.06
1892 Australia	424	(a) M.	(a)	2.19-2.19-2.19
1892 Br. India	459	(a) M.	(a)	.10- .57- —
1892 C. of G'd H.	486	(a) M.	(a)	1.70-4.46- —
1892 Denmark	595	(a) M.	(a)	1.35-1.35-1.35
1892 England	111	(a) (a)	(a)	1.38-1.38-1.38
1892 England	578	(a) M.	53-53-53	1.34-1.34-1.34
1892 England	632	(a) M.	53-54 —	1.34-1.62- —
1892 France	505	(a) M.	54-84 —	.19-2.12- —
1892 France	505	(a) M.	72-72-72	p.77-2.90- —
1892 Germany	667	(a) (a)	(a)	b.08½-.10- —
1892 Gr't Brit	577	(a) M.	54-54-54	1.26-1.26-1.26
1892 Scotland	11	(a) (a)	(a)	1.18-1.18-1.18
1892 Scotland	578	(a) M.	q54-54-54	1.03-1.09- —
1893 Mich	285	2 M.	60-60-60	2.50-2.70-2.60
1893 Ohio	374	120 M.	k57-60-58	1.11-2.25-1.33
1893 Br. India	459	(a) M.	(a)	.08½-.28- —

a Not reported.
b Per hour.
c Applies to but 2 of the 4 wage quotations.
d Applies to but 6 of the 7 wage quotations.
e Applies to but 28 of the 35 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 4 of the 6 wage quotations.
h Applies to but 10 of the 12 wage quotations.
i Applies to but 9 of the 18 wage quotations.
j Applies to but 1 of the 7 wage quotations.
k Not including hours of 2 persons not reported.
l Not including hours of 421 persons not reported.
n Not including hours of 18 persons not reported.
o And *gratifications*.
p And lodging.
q Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FITTERS, FOUNDRY AND MACHINE SHOP—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1893 England ..	589	(a) M.	48-57 —	0.73-1.73- —
1893 Gr't Brit ..	578	(a) M.	54-54-54	1.30-1.30-1.30
1893 Ireland ...	589	(a) M.	54-54-54	1.14-1.38- —
1893 N. Zealand	668	(a) M.	(a)	1.65-2.56- —
1893 Scotland ..	589	(a) M.	54-57 —	1.00-1.32- —
1893 Wales	589	(a) M.	54-54-54	.72-1.46- —
1894 Ind	228	2 M.	54-54-54	1.84-1.84-1.84
1894 N. Y.....	8	1 M.	60-60-60	2.00-2.00-2.00
1894 Ohio	375	70 M.	54-60-59	1.10-3.50-1.54
1894 Australia .	425	(a) (a)	(a)	1.95-2.43- —
1894 Br. India ..	459	(a) M.	(a)	.07½-.23- —
1894 C. of G'd H.	487	(a) M.	b 48-60 —	1.46-5.68- —
1894 England ..	580	(a) M.	48-54 —	1.22-1.54- —
1894 France....	129	(a) M.	60-60-60	.97-2.32- —
1894 Ireland ...	580	(a) M.	54-57 —	1.30-1.30-1.30
1894 N. Zealand	669	(a) M.	(a)	2.11-2.56- —
1894 Scotland ..	580	(a) M.	54-56 —	1.05-1.23- —
1894 Wales.....	580	(a) M.	54-54-54	1.46-1.46-1.46
1895 N. Y.....	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	208 M.	c 48-60-58	1.14-2.50-1.67
1895 Pa	20	6 M.	60-60-60	2.00-2.40-2.27
1895 Australia .	426	(a) (a)	(a)	1.95-2.43- —
1895 Br. India ..	459	(a) M.	(a)	.06- .21- —
1895 France....	677	(a) (a)	60-60-60	.29-2.34- —
1895 N. Zealand	670	(a) M.	(a)	2.07-2.56- —
1895 Scotland ..	591	(a) M.	(a)	1.05-1.32- —
1896 Conn.....	8	1 M.	60-60-60	2.25-2.25-2.25
1896 Ohio	377	94 M.	c 54-60-59	1.30-2.16-1.74
1896 Ohio	377	6 F.	(a)	.65- .65- .65
1896 Australia..	184	(a) M.	(a)	2.19-2.43- —
1896 Australia..	427	(a) (a)	(a)	1.70-2.23- —
1896 Aust-Hun .	436	(a) (a)	57-60 —	.45-1.02- —
1896 Br. India..	459	(a) M.	(a)	.07- .22- —
1896 England ..	581	(a) M.	53-54 —	1.22-1.54- —
1896 England ..	592	(a) M.	(a)	1.18-1.34- —
1896 France....	505	(a) M.	66-66-66	1.06-1.06-1.06
1896 Ireland ...	581	(a) M.	54-54-54	1.30-1.38- —
1896 N. Zealand	671	(a) M.	(a)	2.07-2.56- —
1896 Scotland ..	581	(a) M.	54-56 —	1.09-1.37- —
1896 Turk. in A.	184	(a) M.	(a)	1.10-1.10-1.10
1896 Wales	581	(a) M.	54-54-54	1.46-1.46-1.46
1897 Conn.....	8	1 M.	60-60-60	2.00-2.00-2.00
1897 N. Y.....	8	1 M.	60-60-60	2.25-2.25-2.25
1897 Australia .	418	(a) (a)	(a)	2.19-2.56- —
1897 Australia .	418	(a) (a)	(a)	d .24½-.24½-.24½
1897 Australia .	428	(a) (a)	(a)	1.01-2.43- —
1897 Aust-Hun .	437	(a) (a)	60-60-60	.28- .73- —
1897 England ..	593	(a) (a)	(a)	1.22-1.52- —
1897 France....	511	(a) M.	60-60-60	.87- .87- .87
1897 N. Zealand	672	(a) M.	(a)	2.07-2.86- —
1897 Scotland ..	587	(a) M.	(a)	1.05-2.19- —
1898 Australia .	419	(a) (a)	(a)	d .24½-.24½-.24½
1898 Australia .	429	(a) (a)	(a)	1.01-2.43- —
1898 England ..	594	(a) (a)	(a)	1.42-1.46- —
1898 England ..	680	(a) M.	(a)	.73- .73- .73
1898 N. Zealand	673	(a) M.	(a)	2.07-2.56- —
1898 N. Zealand	680	(a) M.	(a)	1.78-2.43- —
1898 Scotland ..	594	(a) (a)	(a)	1.09-1.14- —
1899 N. Zealand	674	(a) M.	(a)	1.95-2.68- —

FITTERS, FURNITURE.

1884	Mich.....	278	1	M.	(a)	2.25-2.25-2.25	1895	Mass	8	1	M.	60-60-60	1.25-1.25-1.25
1885	N. Y.....	1	21	M.	60-60-60	2.16-2.67-2.35	1895	N. Y.....	8	5	M.	60-60-60	1.40-2.00-1.56
1888	N. Y.....	331	15	M.	e 59-60-59	1.00-2.25-1.40	1895	Ohio	376	34	M.	f 48-60-59	1.10-2.00-1.48
1889	Mich.....	281	5	M.	60-60-60	.29-2.50-1.43	1895	Australia .	426	(a)	(a)	(a)	.81-1.46- —
1890	N. Y.....	333	28	M.	(a)	1.00-2.50-1.51	1896	Ga	8	2	M.	60-60-60	.40- .50- .45
1891	N. Y.....	333	29	M.	(a)	1.00-2.50-1.55	1896	Mo.....	305	54	M.	48-60-58	1.25-2.50-1.58
1892	C. of G'd H.	486	(a)	M.	(a)	1.34-1.83- —	1896	N. Y.....	8	2	M.	60-60-60	2.00-2.00-2.00
1893	Ohio	374	17	M.	60-60-60	1.00-2.00-1.75	1896	Ohio	377	15	M.	54-60-55	1.50-1.75-1.55
1894	Ga	8	1	M.	60-60-60	1.25-1.25-1.25	1896	Australia .	427	(a)	(a)	(a)	.81-1.46- —
1894	Ohio	375	14	M.	48-60-58	1.33-2.50-1.87	1897	Va	404	6	M.	60-60-60	.75- .75- .75
1894	Australia .	425	(a)	(a)	(a)	.81-1.46- —							

FITTERS, HARNESS.

1860	Conn.....	8	1	M.	60-60-60	2.00-2.00-2.00	1891	N. Y.....	333	39	M.	(a)	1.17-2.25-2.04
1862	Conn.....	8	1	M.	60-60-60	1.50-1.50-1.50	1895	Conn.....	8	22	M.	60-60-60	2.25-2.50-2.26
1863	Conn.....	8	1	M.	60-60-60	2.50-2.50-2.50	1895	Mass	8	5	M.	60-60-60	2.25-2.25-2.25
1875	Ohio	8	2	M.	60-60-60	2.00-2.00-2.00	1895	N. J	8	14	M.	60-60-60	1.50-2.50-2.16
1882	N. J	321	15	M.	(a)	2.00-2.00-2.00	1895	N. J	8	7	F.	60-60-60	1.00-1.00-1.00
1884	N. J	323	1	M.	60-60-60	2.33-2.33-2.33	1895	N. Y.....	8	1	M.	60-60-60	1.66-1.66-1.66
1886	Ill.....	208	8	M.	60-60-60	2.00-2.00-2.00	1895	Ohio	8	51	M.	60-60-60	1.00-2.50-2.10
1886	N. J	2	98	M.	59-59-59	1.34-1.34-1.34	1895	Pa	8	1	M.	60-60-60	1.50-1.50-1.50
1888	N. Y.....	331	36	M.	g 59-60-60	2.00-2.50-2.16	1896	Ohio	377	59	M.	54-54-54	1.17-1.17-1.17
1890	N. Y.....	333	6	M.	(a)	1.67-2.00-1.94							

a Not reported.
b Applies to but 3 of the 4 wage quotations.
c Not including hours of 44 persons not reported.
d Per hour.
e Not including hours of 2 persons not reported.
f Not including hours of 5 persons not reported.
g Not including hours of 21 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FITTERS' HELPERS, FOUNDRY AND MACHINE SHOP.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 England ..	564	(a) (a)	61-61-61	0.61-0.61-0.61	1890 N. Y.....	333	12 M.	(a)	0.67-1.88-1.68
1850 England ..	564	(a) (a)	61-61-61	.53- .53- .53	1891 N. Y.....	333	12 M.	(a)	.83-1.88-1.71
1860 England ..	564	(a) (a)	60-60-60	.61- .65- —	1891 Belgium ..	457	(a) M.	66-66-66	.25- .25- .25
1884 Ireland ...	178	(a) M.	56-56-56	.61- .81- —	1892 Pa	20	1 M.	60-60-60	.80- .80- .80
1884 Malta	178	(a) M.	(a)	.85- .85- .85	1892 France....	505	(a) M.	72-72-72	.43- .72- —
1884 Spain	178	(a) M.	60-60-60	.48- .68- —	1895 France....	677	(a) (a)	60-60-60	.78- .97- —
1884 Wales	178	(a) M.	54-54-54	.61- .61- .61	1895 N. Zealand	670	(a) M.	(a)	1.58-1.74- —
1887 Mich.....	4	9 M.	(a)	b .05- .20-.13½	1896 Ohio	377	1 M.	57-57-57	1.50-1.50-1.50
1888 N. J	326	8 M.	(a)	1.83-1.83-1.83	1896 N. Zealand	671	(a) M.	(a)	1.58-1.83- —
1888 N. Y.....	331	17 M.	(a)	1.80-1.80-1.80	1899 England ..	588	(a) (a)	(a)	1.09-1.22- —
1889 Canada ...	471	(a) M.	55-55-55	1.19-1.19-1.19					

FITTERS' HELPERS, FURNITURE.

1890	N. Y.....	333	1	M.	(a)	.50- .50- .50	1891	N. Y.....	333	1	M.	(a)	.58- .58- .58

FITTERS' HELPERS, SHIPBUILDING.

1874	Pa	185	7	(a)	60-60-60	1.50-1.50-1.50	1884	Wales.....	178	(a)	M.	54-54-54	.97-1.05- —
1880	England ..	571	(a)	M.	54-54-54	.77- .77- .77	1886	Gr't Brit ..	632	(a)	M.	54-54-54	.64-1.16- —
1880	Scotland ..	571	(a)	M.	54-54-54	1.00-1.00-1.00	1890	Gr't Brit ..	632	(a)	M.	54-54-54	.36-1.16- —
1883	England ..	45	(a)	(a)	(a)	1.08-1.08-1.08	1892	England ..	632	(a)	M.	54-54-54	.97- .97- .97
1883	Scotland ..	43	(a)	(a)	(a)	1.62-1.62-1.62	1894	Ireland ...	127	(a)	M.	54-54-54	.63- .63- .63
1884	England ..	178	(a)	M.	(a)	1.08-1.08-1.08	1894	Ireland ...	584	(a)	M.	(a)	.64- .67- —

FITTERS, LEATHER GOODS.

1890	N. Y.....	333	3	M.	(a)	1.83-2.33-2.00	1891	N. Y.....	333	3	M.	(a)	2.00-2.50-2.17

FITTERS, OPTICAL GOODS.

1886	N. Y.....	7	5	M.	(a)	.88-2.50-1.91	1896	N. Y.....	7	5	M.	60-60-60	.88-2.50-1.88

FITTERS, RUBBER GOODS.

1883	N. J	7	10	F.	60-60-60	1.42-1.58-1.49	1895	N. J	7	12	F.	60-60-60	1.58-1.87-1.74

FITTERS, SCISSORS.

1872	England ..	185	(a)	M.	(a)	1.07-1.07-1.07	1883	England ..	43	(a)	(a)	(a)	1.22-1.22-1.22
1878	England ..	177	(a)	M.	(a)	1.22-1.22-1.22	1883	Gr't Brit ..	273	(a)	M.	(a)	1.22-1.58- —

a Not reported.

b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FITTERS, SHIPBUILDING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1856 Scotland	562	(a) M.	(a)	0.89-1.10- —
1857 Scotland	562	(a) M.	(a)	.89-1.10- —
(b) England	562	(a) M.	(a)	1.10-1.10-1.10
(b) Ireland	562	(a) M.	(a)	1.22-1.46- —
1858 Scotland	562	(a) M.	(a)	.93- .97- —
1860 Scotland	563	(a) (a)	(a)	.93- .93- .93
1861 Scotland	564	(a) (a)	(a)	1.05-1.10- —
1863 Scotland	565	(a) (a)	(a)	1.10-1.10-1.10
1866 England	566	(a) M.	59-59-59	1.05-1.05-1.05
1866 Ireland	566	(a) M.	59-59-59	.97-1.10- —
1866 Scotland	566	(a) M.	60-60-60	.80-1.17- —
1868 England	567	(a) M.	59-59-59	1.01-1.01-1.01
1869 Scotland	43	(a) (a)	58-58-58	1.01-1.01-1.01
1871 England	568	(a) M.	60-60-60	1.06-1.10- —
1871 Scotland	568	(a) M.	57-57-57	1.14-1.14-1.14
1872 England	185	(a) M.	60-60-60	1.05-1.09- —
1872 England	632	(a) M.	(a)	1.14-1.18- —
1872 Scotland	185	(a) M.	54-57 —	1.05-1.13- —
1873 England	632	(a) M.	(a)	1.14-1.18- —
1874 Pa	380	112 M.	(a)	1.86-2.83-2.26
1874 England	632	(a) M.	(a)	1.14-1.22- —
1874 Ireland	185	(a) M.	(a)	1.15-1.15-1.15
1874 Scotland	569	(a) M.	51-51-51	.36- .36- .36
1875 England	632	(a) M.	(a)	1.14-1.26- —
1876 England	170	(a) M.	54-54-54	1.22-1.30- —
1876 England	632	(a) M.	(a)	1.14-1.26- —
1877 England	632	(a) M.	(a)	1.14-1.18- —
1877 Scotland	570	(a) M.	(a)	1.34-1.34-1.34
1878 England	632	(a) M.	(a)	1.14-1.18- —
1878 Scotland	177	(a) M.	54-54-54	1.08-1.08-1.08
1879 England	632	(a) M.	(a)	1.09-1.14- —
1880 England	571	(a) M.	54-54-54	1.16-1.16-1.16
1880 England	632	(a) M.	(a)	1.09-1.14- —
1880 Scotland	571	(a) M.	54-54-54	.65-1.82- —
1881 England	632	(a) M.	(a)	1.14-1.18- —
1882 England	632	(a) M.	(a)	1.18-1.22- —
1883 England	45	(a) (a)	(a)	1.44-1.44-1.44
1883 England	572	(a) M.	54-54-54	1.42-1.42-1.42
1883 England	632	(a) M.	(a)	1.18-1.22- —
1883 Ireland	572	(a) M.	54-54-54	1.14-1.14-1.14
1883 Scotland	178	(a) M.	54-54-54	4.87-4.87-4.87
1883 Scotland	572	(a) M.	48-54 —	.41-3.24- —
1884 Brazil	178	(a) M.	60-60-60	1.51-4.30- —
1884 England	178	(a) M.	c 54-54-54	.97-1.50- —
1884 England	632	(a) M.	(a)	1.14-1.18- —
1884 Germany	178	(a) M.	60-60-60	.76- .76- .76
1884 Italy	178	(a) M.	60-72 —	.64-1.93- —
1884 Malta	178	(a) M.	60-60-60	1.46-1.94- —
1884 Scotland	178	(a) M.	54-54-54	1.11-2.23- —
1884 Wales	178	(a) M.	54-54-54	1.46-1.58- —
1885 Del	1	101 M.	60-60-60	1.67-2.00-1.87
1885 England	632	(a) M.	(a)	1.14-1.18- —
1885 Germany	163	(a) (a)	66-66-66	.66- .66- .66
1886 England	604	(a) M.	54-54-54	1.19-1.54- —
1886 England	632	(a) M.	(a)	1.14-1.18- —
1886 Gr't Brit	632	(a) M.	54-54-54	1.12-1.28- —
1886 Scotland	604	(a) M.	d 54-54-54	1.06-1.73- —
1886 Wales	604	(a) M.	54-54-54	1.45-1.45-1.45
1887 England	632	(a) M.	(a)	1.14-1.18- —
1887 Netherl'ds	598	(a) (a)	66-66-66	.68-1.30- —
1888 N. Y.	331	25 M.	60-60-60	2.75-2.75-2.75
1888 England	632	(a) M.	(a)	1.14-1.18- —
1889 England	632	(a) M.	(a)	1.34-1.38- —
1890 England	632	(a) M.	(a)	1.38-1.42- —
1890 Gr't Brit	632	(a) M.	53-54 —	1.14-1.46- —
1891 England	632	(a) M.	(a)	1.42-1.42-1.42
1892 Mich.	284	35 M.	60-60-60	1.00-3.00-1.95
1892 England	632	(a) M.	(a)	1.42-1.42-1.42
1892 France	505	(a) M.	57-60 —	.77-1.25- —
1893 England	589	(a) M.	54-54-54	1.58-1.58-1.58
1893 Gr't Brit	578	(a) M.	(a)	1.46-1.46-1.46
1893 Wales	589	(a) M.	51-54 —	1.30-1.58- —
1894 England	127	(a) M.	53-54 —	1.28-1.28-1.28
1894 France	127	(a) M.	60-60-60	1.45-1.45-1.45
1894 Germany	127	(a) M.	e 60-60-60	.69-1.00- —
1894 Ireland	127	(a) M.	54-54-54	1.10-1.34- —
1894 Italy	127	(a) M.	(a)	.60-1.00- —
1894 Netherl'ds	127	(a) M.	65-65-65	1.20-1.20-1.20
1894 Russia	127	(a) M.	62-62-62	.80- .80- .80
1894 Scotland	127	(a) M.	54-54-54	1.19-1.67- —
1896 Pa	14	134 M.	60-60-60	2.50-2.50-2.50
1896 England	592	(a) M.	(a)	1.14-1.22- —
1896 Scotland	586	(a) M.	(a)	1.05-1.30- —
1896 Wales	592	(a) M.	(a)	1.42-1.48- —
1897 England	587	(a) M.	(a)	1.36-1.52- —
1897 Ireland	587	(a) M.	(a)	1.30-1.34- —
1899 Germany	163	(a) (a)	66-66-66	.95- .95- .95

FITTERS, STRUCTURAL IRON.

1871	England	629	(a)	(a)	59-59-59	.69-1.18- —	1886	France	66	(a) M. (a) .92- .92- .92
1872	England	185	(a)	M.	(a)	1.22-1.22-1.22	1886	Spain	66	(a) M. (a) .92- .92- .92
1874	England	569	(a)	M.	54-54-54	1.30-1.30-1.30	1887	Ohio	369	43 M. 60-60-60 1.75-1.80-1.80
1876	Pa	381	7	M.	(a)	1.83-1.83-1.83	1888	England	5	(a) M. (a) .67- .81- —
1877	Ohio	359	18	M.	(a)	1.85-1.85-1.85	1889	England	5	(a) M. (a) .65- .75- —
1877	England	570	(a)	M.	54-54-54	1.20-1.22- —	1894	Ohio	375	7 M. 57-60-59 1.62-2.00-1.89
1880	England	571	(a)	M.	55-55-55	1.01-1.01-1.01	1894	France	129	(a) M. 60-60-60 .58-1.93- —
1883	England	572	(a)	M.	60-60-60	1.28-1.28-1.28	1895	Ohio	376	3 M. 60-60-60 1.50-1.50-1.50
1883	Scotland	572	(a)	M.	54-54-54	.45-1.18- —	1896	Ohio	377	12 M. 60-60-60 1.75-1.75-1.75
1884	Canada	466	(a)	M.	58-58-58	1.85-1.85-1.85				

FITTERS, TRUNKS AND BAGS.

1882	N. J	321	3	M.	(a)	1.50-1.50-1.50	1888	N. J	326	4 M. (a) 2.08-2.08-2.08
1882	N. J	321	2	F.	(a)	.67- .67- .67	1890	N. Y.	333	1 M. (a) .50- .50- .50
1886	N. J	3	2	F.	48-48-48	.80-1.17- .99	1891	N. Y.	333	1 M. (a) .50- .50- .50

a Not reported.
b Average for 1856–58.
c Applies to but 8 of the 12 wage quotations.
d Applies to but 2 of the 3 wage quotations.
e Applies to but 9 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLAG MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 La	7	3 F.	(a)	0.72-0.92-0.83
1885 Pa	7	5 F.	60-60-60	.78-1.00- .94
1886 R. I	3	1 F.	53-53-53	1.17-1.17-1.17
1887 Ill	3	1 F.	54-54-54	1.17-1.17-1.17
1887 Ohio	369	4 M.	60-60-60	1.50-1.50-1.50
1887 Ohio	369	12 F.	60-60-60	.85- .85- .85
1889 Portugal	691	(a) (a)	(a)	.26- .70- —
1890 N. Y	333	9 M.	(a)	0.50-1.33-0.63
1891 Mich	283	11 F.	(a)	.83-1.00- .88
1891 N. Y	333	9 M.	(a)	.50-1.33- .63
1893 Ill	10	1 F.	54-54-54	.50- .50- .50
1895 La	7	3 F.	60-60-60	.83-1.13-1.01
1896 Ohio	377	33 F.	60-60-60	.50- .50- .50
1896 Pa	7	7 F.	60-60-60	.49-1.25- .92

FLAGMEN, RAILROAD.

1875	Pa	380	8	M.	77-77-77	1.13-1.13-1.13	1887	N. Y	4	585	M.	(a)	.16-1.80-1.09
1876	Pa	381	32	M.	b70-70-70	1.00-1.38-1.11	1887	N. Y	4	4	M.	(a)	e.13½-.13½-.13½
1877	N. J	317	158	M.	(a)	1.25-1.25-1.25	1887	N. Y	4	2	F.	(a)	.99-1.15-1.07
1877	Pa	382	85	M.	c70-70-70	1.00-1.19-1.05	1887	Oregon	4	7	M.	(a)	1.32-1.97-1.41
1878	Pa	383	57	M.	d91-91-91	.95-1.01-1.00	1887	Pa	4	468	M.	(a)	.32-3.05-1.20
1879	Mo	293	8	M.	63-70-69	.80- .94- .92	1887	Pa	4	63	M.	(a)	e.11- .14-.11½
1879	N. J	318	1	(a)	60-60-60	1.80-1.80-1.80	1887	R. I	4	17	M.	(a)	.49-1.58-1.03
1879	Pa	384	2	M.	70-74-72	.94-1.14-1.04	1887	Va	4	25	M.	(a)	1.00-1.32-1.23
1880	Ill	205	13	M.	(a)	1.02-1.02-1.02	1887	Wis	4	75	M.	(a)	.49-1.64-1.13
1880	N. J	319	5	(a)	70-107-84	1.40-2.00-1.86	1887	Australia	420	(a)	(a)	(a)	1.70-1.70-1.70
1881	N. J	320	1	M.	(a)	1.00-1.00-1.00	1888	Colo	198	17	M.	(a)	1.22-1.59-1.34
1882	Ill	206	336	M.	(a)	.27-1.15- .95	1888	N. J	326	1	(a)	(g)	1.15-1.15-1.15
1884	Mich	278	4	M.	(a)	.82- .99- .95	1888	Ohio	370	2	M.	63-63-63	1.88-1.88-1.88
1884	N. J	323	1	M.	98-98-98	1.33-1.33-1.33	1888	Australia	432	(a)	M.	(a)	1.46-1.70- —
1884	Pa	388	56	M.	(a)	1.46-1.46-1.46	1889	Kans	243	32	M.	70-84-71	1.00-1.75-1.24
1884	Canada	178	(a)	M.	(a)	.72-1.05- —	1889	Australia	432	(a)	M.	(a)	1.70-1.70-1.70
1884	Canada	466	(a)	M.	60-60-60	1.04-1.04-1.04	1893	Ill	10	2	M.	60-70-65	1.07-1.21-1.14
1884	Italy	178	(a)	M.	(a)	.29- .30- —	1893	Md	10	5	M.	60-105-71	1.00-1.15-1.04
1885	Mich	279	149	M.	(a)	.82-1.50-1.01	1893	Mich	285	108	M.	42-116-83	.49-1.65-1.12
1885	Pa	389	1012	M.	(a)	1.08-1.32-1.19	1893	Mo	302	5	M.	84-84-84	1.50-1.50-1.50
1886	N. J	325	1	M.	63-63-63	1.71-1.71-1.71	1893	Germany	11	(a)	M.	(a)	.68- .68- .68
1886	Ohio	368	1	M.	(a)	1.38-1.38-1.38	1894	Iowa	236	4	M.	70-77-75	1.00-1.22-1.06
1887	Conn	4	37	M.	(a)	.16-2.50-1.20	1894	Mont	308	26	M.	(a)	2.50-2.50-2.50
1887	Del	4	3	M.	(a)	1.32-1.32-1.32	1894	N. H	316	1	M.	72-72-72	1.21-1.21-1.21
1887	Fla	4	3	M.	(a)	.82-1.00- .94	1895	Mich	287	2	M.	(a)	1.65-1.65-1.65
1887	Md	4	296	M.	(a)	.33-1.85-1.10	1895	Australia	677	(a)	M.	(a)	1.58-1.58-1.58
1887	Mass	4	263	M.	(a)	.50-2.00-1.19	1896	Ill	12	1	M.	70-70-70	1.21-1.21-1.21
1887	Mass	4	1	M.	(a)	e.15- .15- .15	1896	Colombia	184	(a)	M.	(a)	1.11-1.11-1.11
1887	Mass	4	1	F.	(a)	.19- .19- .19	1898	Mo	306	95	(a)	60-72-72	1.32-1.50-1.32
1887	Mich	4	36	M.	(a)	.33-1.64-1.06	1898	N. J	329	35	M.	(a)	1.07-1.07-1.07
1887	Nebr	312	45	(a)	f70-70-70	1.00-1.97-1.50	1898	Wash	405	20	(a)	(a)	1.50-1.56-1.55
1887	N. J	4	244	M.	(a)	.66-2.50-1.57							

FLANGERS, FOUNDRY AND MACHINE SHOP.

1872	Germany	185	(a)	M.	72-72-72	.96-1.08- —	1885	Cal	1	1	M.	60-60-60	3.50-3.50-3.50
1873	Germany	185	(a)	(a)	60-60-60	1.20-1.44- —	1885	Del	1	6	M.	60-60-60	3.00-3.00-3.00
1874	Del	185	3	M.	60-60-60	2.83-2.83-2.83	1885	N. J	324	3	M.	60-60-60	3.25-4.17-3.67
1874	Canada	185	(a)	M.	58-60 —	1.75-3.00- —	1887	Md	4	2	M.	(a)	2.75-2.75-2.75
1874	England	185	(a)	(a)	54-54-54	1.61-1.82- —	1887	N. J	4	2	M.	(a)	2.50-2.60-2.55
1874	Scotland	185	(a)	M.	51-51-51	1.29-1.29-1.29	1887	N. Y	4	2	M.	(a)	2.30-3.15-2.73
1876	Pa	381	16	M.	(a)	2.00-3.08-2.37	1887	Ohio	369	4	M.	60-60-60	2.75-2.75-2.75
1876	Pa	382	7	M.	(a)	e.18- .18- .18	1888	N. Y	331	1	M.	(a)	2.50-2.50-2.50
1878	Pa	383	5	M.	54-60-59	1.50-2.20-1.84	1890	Mich	282	1	M.	60-60-60	1.67-1.67-1.67
1878	England	177	(a)	M.	(a)	1.33-1.33-1.33	1890	N. Y	333	1	M.	(a)	3.25-3.25-3.25
1879	Pa	384	4	M.	(a)	1.85-3.00-2.46	1891	N. Y	333	3	M.	(a)	3.25-4.00-3.62
1883	England	43	(a)	(a)	(a)	1.22-1.22-1.22	1892	England	632	(a)	M.	(a)	1.66-1.66-1.66
1883	Gr't Brit	273	(a)	M.	(a)	1.22-1.22-1.22	1895	Ohio	376	2	M.	60-60-60	2.50-2.50-2.50
1884	N. J	323	2	M.	60-60-60	3.00-3.00-3.00	1896	Ohio	377	2	M.	54-54-54	2.20-2.20-2.20
1884	England	178	(a)	M.	54-54-54	1.09-1.22- —	1896	England	586	(a)	M.	(a)	1.54-1.56- —

a Not reported.
b Not including hours of 22 persons not reported.
c Not including hours of 77 persons not reported.
d Not including hours of 7 persons not reported.
e Per hour.
f Not including hours of 9 persons not reported.
g 112-112-112 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLANGERS, HATS AND CAPS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 N. J	322	8 M.	60-60-60	1.67-5.00-3.58	1888 N. Y	331	8 M.	(a)	1.75-2.67-2.44
1884 N. J	323	12 M.	60-60-60	2.00-4.67-2.94	1890 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1885 N. J	1	2 M.	60-60-60	3.33-3.33-3.33	1891 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1886 N. J	325	60 M.	60-60-60	3.00-3.00-3.00	1898 N. J	329	8 M.	60-60-60	2.33-2.33-2.33
1888 N. J	326	23 M.	(a)	3.50-4.00-3.67					

FLANGERS' HELPERS, FOUNDRY AND MACHINE SHOP.

1872 Germany	185	(a)	M.	72-72-72	.72- .84- —	1874 England	185	(a)	(a)	54-54-54	1.13-1.13-1.13
1873 Germany	185	(a)	(a)	60-60-60	.60- .72- —	1876 Pa	381	38	M.	(a)	1.50-1.60-1.51
1874 Del	185	8	M.	60-60-60	1.50-1.50-1.50	1876 Pa	382	14	M.	b.14- .14- .14	
1874 Canada	185	(a)	M.	58-60 —	1.10-1.33- —	1878 Pa	383	9	M.	54-60-57	.50-1.14-1.04

FLASK MAKERS, FOUNDRY AND MACHINE SHOP.

1871 Mass	267	7	M.	60-60-60	1.75-3.00-2.46	1891 N. Y	333	10	M.	(a)	1.50-2.50-2.25
1885 Ill	1	6	M.	60-60-60	2.00-2.00-2.00	1892 Pa	20	11	M.	60-60-60	1.32-2.72-1.51
1885 Mich	1	12	M.	60-60-60	1.00-2.00-1.53	1893 Pa	20	9	M.	60-60-60	1.32-2.72-1.58
1885 N. Y	1	1	M.	60-60-60	1.67-1.67-1.67	1894 Ind	228	1	M.	48-48-48	1.60-1.60-1.60
1887 Md	4	3	M.	(a)	1.40-1.75-1.63	1894 N. Y	8	1	M.	60-60-60	1.75-1.75-1.75
1887 Ohio	369	2	M.	60-60-60	1.75-1.75-1.75	1894 Pa	20	2	M.	60-60-60	1.20-1.20-1.20
1891 Mo	300	12	M.	(a)	1.26-2.58-1.65	1895 Pa	20	2	M.	60-60-60	1.20-1.20-1.20

FLASK MAKERS' HELPERS, FOUNDRY AND MACHINE SHOP.

1892 Pa	20	2	M.	60-60-60	1.20-1.20-1.20	1894 Pa	20	1	M.	60-60-60	1.04-1.04-1.04
1893 Pa	20	1	M.	60-60-60	1.20-1.20-1.20	1895 Pa	20	2	M.	60-60-60	1.12-1.12-1.12

FLATTENERS, COMBS.

1892 France	505	(a)	M.	60-84 —	.14-1.93- —						

FLATTENERS, GLASS.

1860 Ohio	361	1	M.	(a)	3.33-3.33-3.33	1882 Italy	38	(a)	(a)	(a)	d1.16-1.16-1.16
1868 France	38	(a)	(a)	(a)	1.04-1.04-1.04	1883 N. Y	322	62	M.	e66-72-70	2.30-4.98-3.61
1871 Mass	267	4	M.	60-60-60	4.60-4.60-4.60	1883 Ohio	365	1	M.	66-66-66	4.50-4.50-4.50
1872 Ohio	359	1	M.	(a)	7.50-7.50-7.50	1884 N. J	323	53	M.	f60-72-66	1.23-4.33-3.41
1872 Belgium	185	(a)	M.	(a)	1.00-1.53- —	1884 Belgium	178	(a)	M.	g72-72-72	.83-1.48- —
1875 Belgium	169	(a)	M.	(a)	1.33-1.55- —	1884 Italy	178	(a)	M.	60-84 —	.60-1.16- —
1876 Pa	382	7	M.	(a)	5.00-5.80-5.57	1885 Ill	1	4	M.	60-60-60	6.25-6.25-6.25
1877 Ohio	359	4	M.	c56-56-56	3.00-4.50-4.13	1885 N. J	1	10	M.	45-45-45	4.00-4.80-4.64
1878 Ohio	360	6	M.	c56-60-59	3.00-4.49-3.75	1885 N. J	324	43	M.	h60-72-65	3.76-4.67-4.28
1878 Belgium	177	(a)	M.	(a)	.92-1.00- —	1885 Ohio	1	9	M.	60-66-62	4.50-6.31-5.35
1879 Ohio	361	1	M.	(a)	3.33-3.33-3.33	1885 Pa	1	8	M.	60-60-60	4.33-4.55-4.47
1879 Pa	384	17	M.	(a)	1.00-5.50-4.68	1886 Ill	208	5	M.	48-48-48	1.05-1.05-1.05
1880 Ohio	362	3	M.	(a)	3.67-3.67-3.67	1886 N. J	325	45	M.	54-66-65	3.47-3.83-3.66
1881 Ohio	363	1	M.	60-60-60	3.92-3.92-3.92	1886 Belgium	456	(a)	(a)	(a)	.92-1.70- —
1881 France	38	(a)	(a)	(a)	.67-1.04- —	1887 Ohio	369	32	M.	48-60-58	3.33-7.00-5.37
1882 Ohio	364	9	M.	60-66-61	4.17-6.00-5.63	1888 N. J	326	29	M.	i66-72-70	4.00-6.00-4.58
1882 Belgium	38	(a)	(a)	(a)	.96-1.48- —	1888 N. Y	331	10	M.	j60-60-60	.96- .96- .96
1882 Germany	38	(a)	(a)	(a)	.82-1.37- —	1888 Ohio	370	32	M.	(a)	4.00-6.82-5.37

a Not reported.
b Per hour.
c Not including hours of 3 persons not reported.
d And lodging.
e Not including hours of 50 persons not reported.
f Not including hours of 12 persons not reported.
g Applies to but 2 of the 4 wage quotations.
h Not including hours of 2 persons not reported.
i Not including hours of 21 persons not reported.
j Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLATTENERS, GLASS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Ind	6	8 M.	48-48-48	4.17-4.17-4.17	1891 N. Y	333	5 M.	(a)	5.00-5.00-5.00
1889 Portugal	691	(a) (a)	(a)	1.08-2.16- —	1891 Belgium	457	(a) M.	72-72-72	1.45-1.45-1.45
1890 Ill	6	12 M.	b40-40-40	5.33-7.00-6.28	1892 Ind	227	16 M.	48-66-54	3.80-6.00-4.70
1890 Ind	6	13 M.	c60-72-68	4.25-7.60-5.67	1892 Ohio	373	20 (a)	h47-72-52	4.50-8.00-5.80
1890 Md	6	6 M.	48-60-56	3.50-4.00-3.83	1892 France	505	(a) M.	57-57-57	1.16-1.54- —
1890 Mo	6	2 M.	(a)	6.98-7.43-7.21	1892 France	505	(a) M.	66-70 —	i.77-1.16- —
1890 N. J	6	24 M.	d60-66-62	1.40-6.50-4.23	1894 Ind	228	11 M.	48-60-50	3.00-8.00-5.32
1890 N. Y	6	28 M.	e60-72-63	4.00-7.14-5.14	1894 Spain	632	(a) (a)	(a)	.34- .39- —
1890 N. Y	333	5 M.	(a)	5.00-5.00-5.00	1897 N. J	328	12 M.	55-55-55	3.17-5.00-3.93
1890 Ohio	6	28 M.	f40-72-57	4.00-7.62-5.79	1897 Ohio	377	10 M.	42-48-44	4.00-6.50-5.00
1890 Pa	6	26 M.	g60-72-66	4.94-10.28-6.80	1897 Ohio	377	22 F.	60-60-60	.60- .60- .60
1890 Belgium	6	(a) M.	72-84 —	1.26-1.35- —	1898 N. J	329	15 M.	60-66-62	3.00-5.67-4.30

FLATTENERS' HELPERS, GLASS.

1868 France	38	(a) M.	(a)	.26- .26- .26	1883 N. J	322	84 M.	k66-72-68	1.69-1.69-1.69
1872 Belgium	185	(a) (a)	(a)	.61- .61- .61	1884 N. J	323	72 M.	l54-66-63	1.65-1.83-1.67
1876 Pa	382	4 M.	(a)	.75-1.50-1.13	1884 Italy	178	(a) M.	60-60-60	.48- .48- .48
1881 N. J	320	1 M.	72-72-72	1.69-1.69-1.69	1885 N. J	324	75 M.	63-66-64	1.79-1.80-1.80
1881 France	38	(a) (a)	(a)	.33- .33- .33	1886 N. J	325	19 M.	66-66-66	1.36-1.42-1.38
1882 Belgium	38	(a) (a)	(a)	.31- .58- —	1890 N. J	6	3 M.	(a)	2.80-3.13-2.96
1882 England	38	(a) (a)	(a)	.65- .65- .65	1896 Pa	394	2 M.	60-60-60	.84-1.21-1.03
1882 Italy	38	(a) (a)	(a)	j.48- .48- .48					

FLATTENERS, TANNERY.

1856 Mass	190	6 M.	66-66-66	1.00-1.17-1.11	1881 Mass	190	7 M.	60-60-60	1.50-2.00-1.69
1857 Mass	190	7 M.	66-66-66	.83-1.17-1.12	1881 Ohio	363	6 M.	60-60-60	1.54-2.75-2.18
1858 Mass	190	4 M.	66-66-66	1.17-1.17-1.17	1882 Mass	190	7 M.	60-60-60	1.50-2.00-1.71
1859 Mass	190	1 M.	66-66-66	1.50-1.50-1.50	1882 Ohio	364	6 (a)	60-60-60	2.00-2.50-2.11
1860 Mass	8	2 M.	72-72-72	1.50-1.50-1.50	1883 Mass	190	7 M.	60-60-60	1.50-2.00-1.71
1860 Mass	190	1 M.	66-66-66	1.17-1.17-1.17	1883 England	572	(a) M.	59-59-59	1.01-1.01-1.01
1861 Mass	190	1 M.	66-66-66	1.33-1.33-1.33	1884 Mass	190	6 M.	60-60-60	1.50-2.00-1.67
1862 Mass	190	1 M.	66-66-66	1.50-1.50-1.50	1885 Cal	1	3 M.	60-60-60	1.80-2.75-2.43
1863 Mass	190	1 M.	66-66-66	1.83-1.83-1.83	1885 Mass	190	3 M.	60-60-60	1.50-1.67-1.61
1864 Mass	190	1 M.	66-66-66	2.00-2.00-2.00	1886 Mass	190	2 M.	60-60-60	1.50-1.67-1.59
1865 Mass	190	1 M.	66-66-66	2.17-2.17-2.17	1887 Mass	190	1 M.	60-60-60	1.83-1.83-1.83
1866 Mass	190	3 M.	66-66-66	1.67-2.17-1.89	1888 Mass	190	1 M.	60-60-60	1.83-1.83-1.83
1867 Mass	190	4 M.	66-66-66	1.67-1.83-1.79	1888 N. Y	331	9 M.	60-60-60	1.38-1.50-1.46
1868 Mass	190	4 M.	66-66-66	1.83-2.00-1.92	1888 Canada	470	(a) M.	58-58-58	1.53-1.53-1.53
1869 Mass	190	4 M.	66-66-66	1.67-2.00-1.83	1889 Mass	190	1 M.	60-60-60	1.83-1.83-1.83
1870 Mass	190	4 M.	60-60-60	1.83-2.00-1.92	1889 Canada	471	(a) M.	60-60-60	1.50-1.50-1.50
1871 Mass	190	4 M.	60-60-60	1.83-2.00-1.92	1890 Mass	190	1 M.	60-60-60	1.92-1.92-1.92
1872 Mass	190	3 M.	60-60-60	1.83-2.00-1.94	1890 N. Y	333	28 M.	(a)	1.25-1.75-1.49
1873 Mass	190	3 M.	60-60-60	2.00-2.00-2.00	1891 Mass	190	1 M.	60-60-60	1.92-1.92-1.92
1874 Mass	190	4 M.	60-60-60	2.00-2.00-2.00	1891 N. Y	333	22 M.	(a)	1.25-1.75-1.48
1874 Pa	380	1 M.	(a)	1.35-1.35-1.35	1892 Cal	196	1 M.	60-60-60	2.30-2.30-2.30
1874 Canada	185	(a) M.	59-59-59	1.00-1.25- —	1892 Mass	190	1 M.	60-60-60	1.92-1.92-1.92
1875 Mass	190	4 M.	60-60-60	1.83-2.33-2.04	1892 Australia	424	(a) M.	(a)	1.42-1.82- —
1876 Mass	190	5 M.	60-60-60	1.50-2.33-1.90	1893 Ohio	374	21 M.	54-60-60	1.75-1.91-1.76
1877 Mass	190	5 M.	60-60-60	1.50-2.17-1.87	1894 N. Y	8	7 M.	60-60-60	1.40-1.40-1.40
1877 Ohio	359	1 M.	(a)	2.50-2.50-2.50	1894 Ohio	375	19 M.	54-54-54	1.75-1.91-1.76
1878 Mass	190	5 M.	60-60-60	1.67-2.33-2.00	1894 W. Va	406	1 M.	60-60-60	1.28-1.28-1.28
1879 Mass	190	5 M.	60-60-60	1.50-2.00-1.72	1895 Mass	8	1 M.	54-54-54	1.83-1.83-1.83
1879 Pa	384	45 (a)	h60-60-60	1.00-1.50-1.45	1895 Ohio	376	17 M.	54-60-54	1.83-1.85-1.83
1880 Mass	190	6 M.	60-60-60	1.50-2.00-1.69	1896 Mass	8	3 M.	60-60-60	1.25-1.25-1.25

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 10 persons not reported.
f Not including hours of 4 persons not reported.
g Not including hours of 20 persons not reported.
h Not including hours of 3 persons not reported.
i And lodging and fuel.
j And lodging.
k Not including hours of 75 persons not reported.
l Not including hours of 18 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLATTERS, COAL MINING.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1873 England ..	185	(a) M.	(a)	0.36-0.97- —	1894 Australia .	425	(a) (a)	(a)	0.65-1.83- —
1873 England ..	185	(a) M.	(a)	b.44- .73- —	1895 Australia .	426	(a) (a)	(a)	.65-1.83- —
1890 Australia .	423	(a) (a)	(c)	.97-1.58- —	1896 Australia .	427	(a) (a)	(a)	1.46-1.83- —
1892 Australia .	114	(a) M.	(a)	1.10-2.07- —	1897 Australia .	428	(a) (a)	(a)	1.46-1.83- —
1893 Australia .	424	(a) M.	48-48-48	.65-1.83- —	1898 Australia .	429	(a) (a)	(a)	1.46-1.83- —

FLAVORING EXTRACT MAKERS.

1890	N. Y.....	333	1	M.	(a)	2.13-2.13-2.13	1894	Ohio	375	2 F.	54-54-54	1.00-1.00-1.00
1891	N. Y.....	333	1	M.	(a)	2.25-2.25-2.25	1895	Ohio	376	3 M.	60-60-60	1.65-1.65-1.65
1894	Ohio	375	1	M.	60-60-60	2.00-2.00-2.00	1895	Ohio	376	1 F.	54-54-54	.83- .83- .83

FLAX BREAKERS.

1886	Ireland ...	75	(a)	M.	(a)	.61- .81- —	1890	Germany .	6	(a) F.	(a)	.24- .46- —
1890	Germany .	6	(a)	M.	(a)	.24- .55- —	1894	Aust-Hun .	434	(a) (a)	72-72-72	.28- .30- —

FLAX DRESSERS.

(d)	England ..	561	(a)	(a)	(a)	.81-1.22- —	1866	Scotland ..	566	(a) F.	60-60-60	.32- .32- .32
(e)	England ..	562	(a)	M.	(a)	.91- .91- .91	1868	England ..	567	(a) M.	60-60-60	1.10-1.10-1.10
1866	England ..	566	(a)	M.	60-60-60	1.01-1.22- —	1889	Portugal ..	691	(a) (a)	(a)	.11- .32- —
1866	Scotland ..	566	(a)	M.	60-60-60	.81-1.01- —						

FLESHERS, LEATHER.

1810	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1891	N. Y.....	333	11 M.	(a)	1.25-1.50-1.48
1811	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1891	France....	505	(a) M.	66-77 —	1.16-2.12- —
1812	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1891	France....	505	(a) M.	66-66-66	f1.31-1.79- —
1813	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1892	Cal.....	196	4 M.	60-60-60	2.11-2.30-2.20
1814	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1892	France....	505	(a) M.	g54-66 —	.39- .77- —
1815	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1893	Ohio	374	1 M.	60-60-60	1.66-1.66-1.66
1816	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1893	France....	507	(a) (a)	66-66-66	1.06-1.06-1.06
1817	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1894	N. Y.....	8	13 M.	60-60-60	1.50-1.50-1.50
1818	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1894	Ohio	375	1 M.	54-54-54	1.50-1.50-1.50
1819	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- 61	1894	W. Va.....	406	2 M.	66-66-66	1.33-1.33-1.33
1831	Scotland ..	572	(a)	(a)	60-60-60	.61- .61- .61	1894	Australia .	425	(a) (a)	(a)	1.46-1.70- —
1860	Mass	8	52	M.	60-72-64	1.25-2.00-1.48	1894	France....	129	(a) M.	(a)	1.54-1.54-1.54
1866	Mass	8	3	M.	60-60-60	2.00-3.00-2.67	1895	Australia .	426	(a) (a)	(a)	1.46-1.70- —
1870	Mass	8	3	M.	60-60-60	1.67-1.67-1.67	1896	Mass	8	3 M.	60-60-60	1.67-2.00-1.89
1872	England ..	185	(a)	(a)	54-54-54	1.39-1.39-1.39	1896	Australia .	427	(a) (a)	(a)	1.46-1.82- —
1883	England ..	572	(a)	M.	54-57 —	1.19-1.42- —	1896	France....	505	(a) M.	60-60-60	.68- .77- —
1888	N. Y.....	331	3	M.	59-59-59	1.75-1.75-1.75	1897	Australia .	428	(a) (a)	(a)	1.22-1.82- —
1889	Portugal ..	691	(a)	(a)	(a)	.60- .60- .60	1898	Australia .	429	(a) (a)	(a)	1.22-1.82- —
1890	N. Y.....	333	4	M.	(a)	1.50-1.50-1.50						

FLOCKERS, WALL PAPER.

1882	Germany .	30	(a)	M.	(a)	.93- .93- .93	1884	Germany .	178	(a) M.	(a)	.60- .83- —

a Not reported.
b And house.
c 108-108-108 hours.
d Average for 1855–57.
e Average for 1856–58.
f And *gratifications*.
g Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLOCKERS, WOOLEN GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars).
1885 Mass	7	2 M.	60-60-60	0.51-0.51-0.51	1895 Mass	7	2 M.	58-58-58	0.64-0.68-0.66
1885 Vt	1	2 M.	66-66-66	.70- .70- .70					

FLOCK GRINDERS, WOOLEN GOODS.

1885 Vt	7	1 M.	60-60-60	.90- .90- .90	1895 Vt	7	1 M.	60-60-60	.90- .90- .90
1895 N. H	7	1 M.	60-60-60	1.00-1.00-1.00					

FLOOR BOYS, HATS AND CAPS.

1885 N. Y	7	4 M.	60-60-60	.75-1.00- .94	1895 N. Y	7	11 M.	60-60-60	.75-1.25-1.05
1891 N. Y	333	4 M.	(a)	.67- .67- .67					

FLOOR BOYS, PRINTING AND PUBLISHING.

1890 Ill	19	8 M.	(a)	.50- .67- .52	1892 Ill	19	16 M.	59-59-59	.50- .83- .59
1891 Ill	19	7 M.	(a)	.50-1.08- .68	1893 Ill	19	12 M.	59-59-59	.42-1.00- .62

FLOOR CLEANERS.

1884 Mich	278	2 M.	(a)	.60- .60- .60	1894 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25
1885 Pa	7	5 M.	b 60-60-60	.60-1.25- .96	1895 Pa	7	1 M.	60-60-60	1.00-1.00-1.00
1891 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25	1895 Canada	191	(a) M.	60-60-60	1.00-1.50- —
1892 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25	1896 Pa	7	2 M.	60-60-60	1.00-1.00-1.00
1893 Canada	191	(a) M.	66-66-66	1.25-1.25-1.25	1896 Canada	191	(a) M.	60-60-60	1.00-1.50- —

FLOOR GIRLS, CLOTHING.

1895 Mo	304	24 F.	(a)	.42-1.46- .83	....	.....	....	.....	.....

FLOOR HANDS, CARRIAGES AND WAGONS.

1890 N. Y	333	4 M.	(a)	2.00-2.00-2.00	1894 Ohio	375	20 M.	60-60-60	1.30-1.30-1.30
1891 N. Y	333	4 M.	(a)	1.50-2.00-1.88					

FLOOR HANDS, FLOUR MILL.

1891 N. Y	333	1 M.	(a)	1.33-1.33-1.33	1895 Ohio	376	7 M.	60-60-60	1.50-1.66-1.64
1894 Ohio	375	3 M.	c 60-66-63	1.25-1.50-1.33	1896 Ohio	377	3 M.	c 56-66-66	1.50-1.65-1.60

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLOOR HANDS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1856 Mass	190	9 M.	72-72-72	0.45-0.83-0.55	1874 Mass	190	1 F.	66-66-66	0.60-0.60-0.60
1856 Mass	190	2 F.	72-72-72	.50- .54- .52	1875 Mass	190	1 F.	60-60-60	.60- .60- .60
1857 Mass	190	8 M.	72-72-72	.50- .75- .53	1876 Mass	190	2 F.	60-60-60	.50- .60- .55
1858 Mass	190	5 M.	72-72-72	.50- .75- .57	1877 Mass	190	2 F.	60-60-60	.60- .60- .60
1859 Mass	190	3 M.	72-72-72	.50- .58- .53	1878 Mass	190	2 F.	60-60-60	.60- .70- .65
1860 Mass	190	9 M.	72-72-72	.50- .58- .54	1879 Mass	190	1 F.	60-60-60	.60- .60- .60
1861 Mass	190	6 M.	66-66-66	.50- .60- .56	1880 Mass	190	1 F.	60-60-60	.65- .65- .65
1862 Mass	190	1 M.	66-66-66	.60- .60- .60	1885 Germany	1	(a) M.	72-72-72	.51- .51- .51
1863 Mass	190	2 M.	66-66-66	.40- .45- .43	1896 Pa	7	4 M.	60-60-60	1.00-1.00-1.00
1867 Mass	190	1 F.	66-66-66	.75- .75- .75					

FLOOR LAYERS.

1893 Ohio	374	4 M.	48-48-48	.83-2.50-1.45	1894 France	129	(a) M.	60-60-60	1.50-1.50-1.50
1894 France	128	(a) M.	(a)	b.15½-.17½- —					

FLOOR MEN, DYEHOUSE, WOOLEN GOODS.

1863 R. I	190	2 M.	78-78-78	.92- .92- .92	1878 R. I	190	7 M.	72-72-72	1.00-1.00-1.00
1864 R. I	190	2 M.	78-78-78	.92- .92- .92	1879 R. I	190	7 M.	72-72-72	1.00-1.00-1.00
1865 R. I	190	2 M.	78-78-78	1.00-1.00-1.00	1880 R. I	190	6 M.	72-72-72	1.00-1.10-1.03
1866 R. I	190	2 M.	78-78-78	1.00-1.00-1.00	1881 R. I	190	6 M.	72-72-72	1.00-1.10-1.03
1867 R. I	190	3 M.	78-78-78	1.00-1.00-1.00	1882 R. I	190	6 M.	72-72-72	1.00-1.10-1.03
1868 R. I	190	4 M.	72-72-72	1.00-1.00-1.00	1883 R. I	190	6 M.	72-72-72	1.00-1.10-1.03
1869 R. I	190	6 M.	72-72-72	1.10-1.10-1.10	1884 R. I	190	6 M.	72-72-72	1.00-1.10-1.05
1870 R. I	190	7 M.	72-72-72	1.12-1.12-1.12	1885 R. I	190	6 M.	72-72-72	1.00-1.10-1.05
1871 R. I	190	7 M.	72-72-72	1.12-1.12-1.12	1886 R. I	190	6 M.	60-60-60	1.00-1.10-1.05
1872 R. I	190	8 M.	72-72-72	1.25-1.25-1.25	1887 R. I	190	6 M.	60-60-60	1.00-1.10-1.08
1873 R. I	190	7 M.	72-72-72	1.25-1.25-1.25	1888 R. I	190	6 M.	60-60-60	1.00-1.10-1.08
1874 R. I	190	7 M.	72-72-72	1.06-1.06-1.06	1889 R. I	190	6 M.	60-60-60	1.10-1.10-1.10
1875 R. I	190	7 M.	72-72-72	1.25-1.25-1.25	1890 R. I	190	6 M.	60-60-60	1.10-1.10-1.10
1876 R. I	190	7 M.	72-72-72	1.25-1.25-1.25	1891 R. I	190	6 M.	60-60-60	1.10-1.10-1.10
1877 R. I	190	7 M.	72-72-72	1.00-1.00-1.00	1892 R. I	190	6 M.	60-60-60	1.10-1.10-1.10

FLOORWALKERS.

1875 N. Y	7	1 M.	(a)	3.33-3.33-3.33	1887 Mass	3	2 F.	56-62-59	.75-1.03- .89
1880 Ky	7	1 M.	(a)	4.58-4.58-4.58	1892 Cal	196	1 M.	72-72-72	4.60-4.60-4.60
1880 Pa	7	1 M.	57-57-57	1.67-1.67-1.67	1894 Iowa	236	1 M.	60-60-60	2.89-2.89-2.89
1882 Pa	7	1 M.	57-57-57	2.00-2.00-2.00	1895 Conn	7	1 M.	59-59-59	2.50-2.50-2.50
1884 Fla	7	1 M.	63-63-63	2.67-2.67-2.67	1895 Mo	7	1 M.	71-71-71	2.50-2.50-2.50
1884 Pa	7	3 M.	56-57-57	2.00-2.67-2.22	1895 N. Y	7	1 M.	54-54-54	4.17-4.17-4.17
1884 R. I	7	1 M.	57-57-57	4.67-4.67-4.67	1895 R. I	7	7 M.	57-57-57	2.50-5.50-3.50
1884 C. of G'd H.	178	(a) (a)	50-50-50	1.33-2.50- —	1896 Fla	7	2 M.	60-63-62	2.50-3.00-2.75
1885 Fla	7	1 M.	60-60-60	2.50-2.50-2.50	1896 Ill	7	24 M.	54-56-55	1.67-5.83-2.71
1886 Ill	7	14 M.	54-56-55	2.00-5.83-2.99	1896 Ky	7	4 M.	54-60-56	4.17-5.00-4.58
1886 N. Y	7	4 M.	57-57-57	3.00-3.33-3.08	1896 Mich	7	1 M.	57-57-57	2.50-2.50-2.50
1886 Ohio	3	1 F.	60-60-60	.67- .67- .67	1896 N. Y	7	7 M.	57-57-57	2.50-2.50-2.50
1886 Pa	3	1 F.	53-53-53	3.00-3.00-3.00	1896 Pa	7	21 M.	56-60-59	1.00-3.00-1.93
1886 Pa	7	6 M.	63-63-63	.83-2.33-1.44	1898 Wash	405	10 (a)	(a)	2.12-3.62-2.66
1887 La	3	1 F.	50-50-50	2.50-2.50-2.50					

FLORISTS.

1878 Netherl'ds	177	(a) M.	(a)	.41- .41- .41	1891 Mich	283	2 F.	(a)	.68- .68- .68
1880 N. J	319	1 (a)	90-90-90	.88- .88- .88	1891 China	105	(a) (a)	(a)	.20- .20- .20
1884 Italy	178	(a) M.	(a)	.40- .55- —	1893 Ill	10	2 M.	60-60-60	1.29-2.57-1.93
1887 Wis	409	4 M.	(a)	2.50-2.50-2.50	1894 Iowa	236	2 M.	70-84-77	4.00-4.00-4.00
1888 N. J	326	1 (a)	(a)	2.00-2.00-2.00	1896 Ky	15	1 M.	(a)	1.07-1.07-1.07
1888 N. Y	331	4 M.	70-70-70	2.50-2.50-2.50	1898 Mich	290	2 F.	(a)	1.33-1.33-1.33

a Not reported. b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLORISTS' HELPERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1884	Mich	278	7 M.	(a)	1.25-1.25-1.25	1893	N. Y	10	1 F.	60-60-60	0.57-0.57-0.57
1893	N. Y	10	1 M.	48-48-48	.29- .29- .29						

FLUE BORERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1887	Md	4	3 M.	(a)	.80-1.35-1.08	1887	N. Y	4	3 M.	(a)	1.25-1.25-1.25

FLUE CALKERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1887	Md	4	11 M.	(a)	1.25-2.00-1.65	1887	N. Y	4	21 M.	(a)	1.25-2.35-1.74
1887	Mich	4	1 M.	(a)	b.17½-.17½-.17½						

FLUE CLEANERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1887	Md	4	14 M.	(a)	.90-1.25-1.13	1889	England	5	(a) M.	(a)	.61-1.03- —
1887	N. Y	4	9 M.	(a)	1.13-1.50-1.24						

FLUE FITTERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1887	Md	4	3 M.	(a)	1.90-2.25-2.12	1898	Nebr	314	2 (a)	48-48-48	2.50-3.20-2.85
1887	N. Y	4	17 M.	(a)	1.40-2.55-1.75						

FLUTERS, DRESS TRIMMINGS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1887	N. Y	3	4 F.	53-54-53	.33- .83- .63	1891	N. Y	333	19 M.	(a)	.67-1.00- .82
1890	N. Y	333	19 M.	(a)	.67- .83- .80						

FLUTERS, LAUNDRY.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1892	Cal	196	2 F.	63-63-63	.38-1.05- .72	....	.....	....	....	.....	.....

FLUTERS, LEATHER GOODS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1885	N. Y	7	2 M.	60-60-60	1.83-1.83-1.83	1895	N. Y	7	3 M.	60-60-60	.67-1.67-1.33

FLY BOYS, PRINTING AND PUBLISHING.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1880	N. Y	8	1 M.	60-60-60	.70- .70- .70	1892	France	505	(a) F.	70-70-70	.29- .29- .29
1891	France	505	(a) M.	60-60-60	.34- .48- —	1895	Ohio	376	48 M.	60-60-60	.53- .53- .53
1891	France	505	(a) M.	60-60-60	c.48- .68- —	1896	N. Y	8	6 M.	36-36-36	1.33-1.33-1.33
1892	France	505	(a) M.	60-70 —	.09½-.34- —	1897	N. Y	8	2 M.	54-54-54	.70- .70- .70

a Not reported.
b Per hour.
c And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FLY FINISHERS, PIANOS AND ORGANS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1882 N. J	321	10 M.	(a)	3.00-3.00-3.00	1885 Canada	467	(a) M.	59-59-59	2.47-2.61- —
1883 N. J	322	81 M.	60-60-60	2.50-3.67-3.21	1888 N. Y.	331	23 M.	c59-59-59	2.00-3.00-2.75
1884 N. J	323	35 M.	b60-60-60	1.75-2.50-2.45	1888 Canada	470	(a) M.	60-60-60	1.95-1.95-1.95
1884 Canada	466	(a) M.	60-60-60	2.38-2.38-2.38	1890 N. Y.	333	59 M.	(a)	.75-6.00-3.10
1885 Me.	1	2 M.	60-60-60	1.25-1.50-1.38	1891 N. Y.	333	56 M.	(a)	.75-6.00-3.00
1885 N. H	1	3 M.	60-60-60	2.00-2.00-2.00	1893 Ohio	374	8 M.	(a)	1.60-2.25-2.01
1885 N. Y.	1	30 M.	60-60-60	2.41-3.33-2.67	1895 Ohio	376	2 M.	60-60-60	2.50-2.50-2.50

FLY MAKERS, FISHING TACKLE.

1890 N. Y.	333	17 M.	(a)	.50-1.00- .62	1891 N. Y.	333	19 M.	(a)	.42-1.08- .62
1890 N. Y.	333	4 F.	(a)	1.00-1.00-1.00	1891 N. Y.	333	4 F.	(a)	1.00-1.00-1.00

FOLDERS, BOOTS AND SHOES.

1885 Conn.	7	3 F.	60-60-60	.83-1.00- .89	1894 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1891 Me.	257	21 (a)	(a)	1.35-1.35-1.35	1895 Conn.	7	2 F.	60-60-60	.83-1.00- .92
1891 Mich.	283	14 F.	(a)	.50- .72- .71	1895 Mass	7	2 F.	55-58-57	1.25-1.82-1.54
1892 Ill.	210	7 F.	56-58-56	.67-1.94-1.42	1895 Mass	8	4 F.	60-60-60	1.25-1.60-1.34
1892 Me.	258	14 F.	(a)	.67-1.33- .93	1895 N. Y.	7	1 M.	59-59-59	1.67-1.67-1.67

FOLDERS, CELLULOID GOODS.

1885 N. J	7	10 F.	59-59-59	.79-1.04- .93	1895 N. J	7	14 F.	55-55-55	1.00-1.17-1.11
1886 N. J	3	4 F.	59-59-59	.83-1.33-1.06					

FOLDERS, CLOTHING.

1881 Conn.	7	1 F.	60-60-60	.85- .85- .85	1888 Germany	558	(a) M.	48-60 —	.63-1.19- —
1883 Ireland	43	(a) F.	(a)	.32- .32- .32	1888 Germany	558	(a) F.	51-54 —	.50- .54- —
1885 Md.	7	3 F.	60-60-60	.50- .83- .67	1888 Germany	558	(a) (a)	51-54 —	.60- .79- —
1885 N. Y.	7	1 M.	(a)	.75- .75- .75	1890 N. Y.	333	58 M.	(a)	.33-1.67- .89
1885 N. Y.	330	1 F.	(a)	.83- .83- .83	1890 N. Y.	333	3 F.	(a)	.50- .50- .50
1885 Wis	7	5 F.	60-60-60	.48- .56- .52	1891 Mich.	283	2 F.	(a)	.88- .88- .88
1886 Md.	3	3 F.	54-60-57	.23- .50- .35	1891 N. Y.	333	67 M.	(a)	.58-2.08-1.09
1886 Md.	7	5 F.	57-60-59	.32- .58- .49	1891 N. Y.	333	4 F.	(a)	.50- .50- .50
1886 Mo.	3	1 F.	48-48-48	.50- .50- .50	1892 Ill.	210	8 F.	54-56-55	.54-1.33-1.03
1886 N. J	3	1 F.	53-53-53	.33- .33- .33	1892 Australia	424	(a) M.	(a)	2.43-2.43-2.43
1886 Pa	3	1 F.	59-59-59	.75- .75- .75	1892 France	505	(a) F.	66-66-66	.19- .29- —
1886 Pa	7	6 F.	(a)	.71-1.23-1.20	1893 Md.	10	3 F.	60-60-60	.25-1.25- .67
1886 R. I	3	6 F.	d54-61-60	.50-1.00- .73	1893 N. Y.	10	1 M.	60-60-60	1.50-1.50-1.50
1886 Germany	548	(a) (a)	(a)	.50- .50- .50	1894 Ind	228	2 (a)	60-60-60	.50- .50- .50
1887 Ill	3	1 F.	57-57-57	.75- .75- .75	1894 N. Y.	8	1 M.	60-60-60	1.16-1.16-1.16
1887 La	3	1 F.	57-57-57	.67- .67- .67	1894 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1887 Mass	3	2 F.	53-53-53	.83-1.00- .92	1894 France	506	(a) M.	60-72 —	.77-1.48- —
1887 Minn	3	1 F.	54-54-54	1.13-1.13-1.13	1894 France	506	(a) F.	g60-72 —	.43-1.48- —
1887 N. Y.	3	8 F.	d52-57-55	.42-1.08- .68	1895 Conn.	7	1 F.	60-60-60	.96- .96- .96
1887 Pa	3	5 F.	53-58-56	.33-1.67- .76	1895 Ill.	8	1 F.	54-54-54	.75- .75- .75
1887 Germany	557	(a) M.	e51-60 —	.60-1.19- —	1895 N. Y.	7	7 M.	59-59-59	.67-1.38-1.05
1887 Germany	557	(a) F.	45-54 —	.50- .71- —	1895 N. Y.	8	6 M.	54-57-56	1.00-2.00-1.22
1887 Germany	557	(a) (a)	54-57 —	.54- .60- —	1895 N. Y.	8	3 F.	59-60-60	.67- .83- .78
1888 N. J	326	1 F.	(a)	1.00-1.00-1.00	1895 Australia	426	(a) (a)	(a)	1.14-3.24- —
1888 N. Y.	331	24 M.	f52-60-57	.96-1.00-1.00	1896 Md.	7	35 F.	57-60-59	.25-1.17- .51
1888 N. Y.	331	1 F.	48-48-48	1.00-1.00-1.00	1896 Nebr	314	1 F.	57-57-57	.58- .58- .58

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.
e Applies to but 5 of the 6 wage quotations.
f Not including hours of 21 persons not reported.
g Applies to but 6 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, CLOTHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 N. J	8	4 F.	56-56-56	1.25-1.25-1.25	1897 N. J	328	2 M.	(a)	1.12-1.12-1.12
1896 Pa	7	1 M.	58-58-58	.95- .95- .95	1897 Australia	428	(a) M.	(a)	.61-2.23- —
1896 Pa	7	7 F.	58-58-58	.95-1.82-1.33	1898 N. J	329	3 M.	60-60-60	1.00-1.00-1.00
1896 Wis	7	9 F.	54-54-54	.36- .58- .44	1898 Australia	429	(a) M.	(a)	.61-2.23- —
1896 Australia	427	(a) (a)	(a)	1.01-2.43- —					

FOLDERS' HELPERS, PAPER AND PAPER PRODUCTS.

1890 N. Y	333	3 M.	(a)	.83-1.00- .89	1891 N. Y	333	3 M.	(a)	.83-1.00- .89

FOLDERS' HELPERS, TEXTILES.

1876 Pa	382	9 M.	(a)	1.33-1.33-1.33	1895 Ga	8	1 M.	66-66-66	.80- .80- .80
1876 Pa	382	24 F.	(a)	.50- .83- .82	1895 N. C	8	3 M.	66-69-68	.50- .75- .58
1885 Pa	7	14 M.	60-60-60	1.25-1.42-1.32	1895 Tenn	7	1 F.	66-66-66	.35- .35- .35
1888 France	6	(a) M.	(a)	.24- .24- .24	1896 Pa	7	15 M.	60-60-60	1.08-1.33-1.30
1895 Ga	7	2 M.	66-66-66	.80- .80- .80					

FOLDERS, HOSIERY AND KNIT GOODS.

1880 England	571	(a) M.	(a)	.36-1.83- —	1888 N. Y	331	29 M.	d60-60-60	.75-1.50-1.02
1880 England	571	(a) F.	b54-54-54	.30- .69- —	1888 N. Y	331	2 F.	e60-60-60	.50-1.00- .75
1882 England	33	(a) M.	(a)	.37-2.63- —	1888 Canada	470	(a) F.	55-55-55	.73- .73- .73
1882 England	33	(a) F.	c54-54-54	.28- .69- —	1890 N. Y	333	14 M.	(a)	1.33-1.87-1.47
1883 England	572	(a) M.	(a)	.36-1.30- —	1891 Mich	283	3 F.	(a)	1.21-1.21-1.21
1883 England	572	(a) F.	(a)	.45- .49- —	1891 N. Y	333	16 M.	(a)	1.00-1.87-1.39
1884 N. J	323	5 F.	60-60-60	1.00-1.00-1.00	1893 N. J	327	1 F.	60-60-60	1.00-1.00-1.00
1884 England	178	(a) M.	(a)	.37-1.83- —	1895 Mass	7	2 F.	58-58-58	2.51-2.54-2.53
1884 England	178	(a) F.	(a)	.28- .69- —	1895 N. H	7	5 F.	60-60-60	1.04-1.33-1.22
1885 Ala	7	1 F.	(a)	.75- .75- .75	1895 N. Y	7	1 M.	60-60-60	1.25-1.25-1.25
1885 Mass	7	1 F.	60-60-60	1.27-1.27-1.27	1895 N. Y	7	5 F.	60-60-60	1.74-2.70-1.98
1885 N. Y	1	1 F.	66-66-66	.77- .77- .77	1895 N. Y	8	2 M.	60-60-60	.85- .85- .85
1885 N. Y	7	1 M.	65-65-65	.68- .68- .68	1895 N. C	8	1 F.	66-66-66	.60- .60- .60
1885 N. Y	7	2 F.	65-65-65	.73-1.11- .92	1896 Ala	7	3 F.	63-63-63	.70- .70- .70
1885 N. Y	330	2 F.	66-66-66	.75-1.87-1.31	1896 Ga	7	5 F.	63-63-63	.67- .83- .77
1885 Pa	1	2 F.	60-60-60	.80- .80- .80	1896 Vt	7	2 F.	64-64-64	.67-1.00- .84
1885 Vt	7	1 M.	64-64-64	1.00-1.00-1.00	1897 Pa	395	7 F.	(a)	.76- .83- .78
1888 N. J	326	20 F.	(a)	.83- .83- .83	1899 Germany	158	(a) (a)	(a)	.24- .26- —

FOLDERS, LACE GOODS.

1841 England	625	(a) F.	66-66-66	.20- .20- .20	1895 N. J	7	16 F.	55-55-55	.83- .83- .83
1885 N. J	7	10 F.	60-60-60	.92- .92- .92	1896 Pa	394	4 F.	60-60-60	.50- .50- .50
1892 France	505	(a) F.	f60-72 —	.24- .73- —					

FOLDERS, LAUNDRY.

1870 N. Y	7	18 F.	60-60-60	.83-1.17- .97	1886 Md	7	2 F.	60-60-60	1.13-1.25-1.19
1883 Pa	7	1 F.	(a)	.58- .58- .58	1887 Ill	3	1 F.	64-64-64	.50- .50- .50
1884 W. Va	7	1 F.	(a)	.50- .50- .50	1887 La	3	2 F.	(a)	.54-1.00- .77
1885 N. J	7	1 F.	55-55-55	.50- .50- .50	1887 Mass	3	2 F.	58-72-65	1.00-1.25-1.13
1885 N. Y	7	7 F.	63-63-63	1.50-1.50-1.50	1887 N. Y	3	2 F.	(a)	.58-1.42-1.00

a Not reported.
b Applies to but 1 of the 4 wage quotations.
c Applies to but 2 of the 6 wage quotations.
d Not including hours of 24 persons not reported.
e Not including hours of 1 person not reported.
f Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, LAUNDRY—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Ohio	3	1 F.	58-58-58	0.67-0.67-0.67	1894 N. Y.	8	1 F.	60-60-60	1.30-1.30-1.30
1888 Ga	3	1 F.	59-59-59	.83- .83- .83	1895 Conn.	7	1 F.	59-59-59	1.42-1.42-1.42
1888 Ind	3	2 F.	(a)	.58-1.17- .88	1895 N. J	7	3 F.	54-54-54	1.00-1.00-1.00
1888 S. C	3	1 F.	60-60-60	1.00-1.00-1.00	1895 N. Y.	7	37 F.	54-60-58	.75-2.00-1.26
1891 Mich.	283	6 F.	(a)	.55- .83- .60	1896 Fla.	7	2 F.	60-60-60	.50- .67- .59
1891 France	505	(a) M.	60-60-60	.97-1.30- —	1896 Ga	7	6 F.	60-60-60	.42-1.00- .67
1891 France	505	(a) F.	60-60-60	.39- .77- —	1896 Md.	7	8 F.	60-60-60	.75-1.42-1.07
1892 Cal.	196	8 F.	63-63-63	b.38-1.15- .61	1896 Pa	7	5 F.	54-54-54	1.00-1.00-1.00
1892 Ill.	210	24 F.	60-63-60	c.46- .58- .47	1896 W. Va	7	2 F.	60-60-60	.67- .67- .67
1893 N. J	327	12 F.	57-57-57	.50- .50- .50	1897 Australia	428	(a) F.	(a)	.24-1.24- —
1893 Pa	10	1 F.	60-60-60	1.00-1.00-1.00	1898 Australia	429	(a) F.	(a)	.24- .61- —
1894 D. C	8	3 F.	54-54-54	1.00-1.00-1.00					

FOLDERS, LEATHER.

1879	Germany	545	(a)	M.	78-78-78	.95-1.19- —	1884	Germany	178	(a)	M.	(a)	.71- .95- —

FOLDERS, PAPER AND PAPER PRODUCTS.

1870	Conn.	8	3	F.	60-60-60	1.00-1.00-1.00	1888	N. Y.	331	7	F.	(a)	.83-1.17-1.03
1871	England	629	(a)	F.	(a)	.30- .89- —	1888	Ohio	3	1	F.	56-56-56	.60- .60- .60
1874	Mass	7	46	F.	60-60-60	.58-1.42-1.00	1890	N. Y.	333	2	M.	(a)	1.00-2.17-1.59
1884	Mich	278	1	M.	(a)	.50- .50- .50	1891	N. Y.	333	2	M.	(a)	1.00-2.17-1.59
1884	Scotland	178	(a)	F.	54-54-54	.41- .41- .41	1892	Ill.	210	8	F.	56-56-56	.50-1.17- .73
1885	Mass	7	6	F.	60-60-60	.61-1.64-1.36	1892	France	505	(a)	F.	74-74-74	.14- .24- —
1885	N. Y.	7	149	F.	54-54-54	.50-1.17- .81	1893	N. Y.	10	2	M.	35-35-35	.83-2.50-1.67
1886	N. J	3	4	F.	59-59-59	.50-1.00- .63	1893	Ohio	374	3	F.	60-60-60	.75- .75- .75
1886	Pa	3	1	F.	51-51-51	.83- .83- .83	1894	Ohio	375	2	F.	60-60-60	.83- .83- .83
1887	Ill.	3	4	F.	59-59-59	.25- .38- .31	1894	France	508	(a)	(a)	66-66-66	.48- .51- —
1887	Mass	3	1	F.	54-54-54	.67- .67- .67	1895	Mass	7	63	F.	55-58-55	.56-1.50- .94
1887	N. Y.	3	5	F.	53-61-57	.42-1.08- .65	1895	N. Y.	7	515	F.	54-54-54	.50-1.13- .82
1887	Wis	409	33	(a)	(a)	.80- .80- .80	1896	Conn.	8	1	F.	60-60-60	1.00-1.00-1.00
1888	N. J	326	4	F.	(a)	.75- .75- .75							

FOLDERS, PRINTING AND PUBLISHING.

1840	Pa	8	1	M.	60-60-60	.50- .50- .50	1859	N. Y.	190	21	F.	60-60-60	.29- .54- .46
1841	England	625	(a)	F.	59-59-59	.16- .20- —	1859	N. Y.	190	4	(a)	(a)	.38- .71- .49
1851	N. Y.	190	4	(a)	(a)	.33- .50- .40	1860	N. Y.	8	1	F.	60-60-60	.75- .75- .75
1852	N. Y.	8	1	M.	72-72-72	1.20-1.20-1.20	1860	N. Y.	190	16	F.	60-60-60	.34- .54- .47
1852	N. Y.	8	1	F.	72-72-72	.50- .50- .50	1860	N. Y.	190	4	(a)	(a)	.33- .71- .46
1852	N. Y.	190	4	(a)	(a)	.38- .50- .45	1860	Ireland	563	(a)	F.	58-58-58	.24- .37- —
1853	N. Y.	190	1	M.	(a)	.50- .50- .50	1861	N. Y.	190	19	F.	60-60-60	.21- .50- .42
1853	N. Y.	190	2	(a)	(a)	.25- .33- .29	1861	N. Y.	190	2	(a)	(a)	.38- .50- .44
1854	N. Y.	190	6	(a)	(a)	.29- .42- .36	1861	Scotland	564	(a)	F.	60-60-60	.33- .33- .33
1855	N. Y.	190	4	(a)	(a)	.33- .50- .40	1862	N. Y.	190	15	F.	60-60-60	.38- .50- .48
1856	N. Y.	8	1	F.	60-60-60	1.25-1.25-1.25	1862	N. Y.	190	1	(a)	(a)	.33- .33- .33
1856	N. Y.	190	5	(a)	(a)	.33- .50- .38	1862	Pa	8	11	F.	60-60-60	1.00-1.00-1.00
1856	Ireland	562	(a)	F.	(a)	.37- .43- —	1863	N. Y.	190	11	F.	60-60-60	.38- .50- .49
1857	N. Y.	190	2	M.	d60-60-60	.33- .50- .42	1864	N. Y.	190	26	F.	60-60-60	.34- .65- .56
1857	N. Y.	190	21	F.	60-60-60	.25- .54- .44	1865	N. Y.	190	42	F.	60-60-60	.34- .75- .52
1857	N. Y.	190	4	(a)	(a)	.33- .42- .36	1866	N. Y.	190	31	F.	60-60-60	.34- .75- .56
1857	Ireland	563	(a)	F.	58-58-58	.24- .37- —	1867	N. Y.	190	49	F.	60-60-60	.38- .80- .55
1858	N. Y.	190	31	F.	60-60-60	.25- .54- .44	1868	N. Y.	190	54	F.	60-60-60	.38- .84- .60
1858	N. Y.	190	4	(a)	(a)	.38- .42- .39	1869	N. Y.	190	53	F.	59-60-59	.42- .84- .62
(e)	England	562	(a)	(a)	(a)	.41- .41- .41	1869	N. Y.	190	1	(a)	(a)	.58- .58- .58
(e)	Ireland	562	(a)	F.	(a)	.24- .36- —	1870	N. Y.	190	40	F.	59-59-59	.34- .84- .62
(f)	Ireland	562	(a)	F.	(a)	.37- .43- —	1870	N. Y.	190	1	(a)	(a)	.75- .75- .75

a Not reported.
b And board.
c And board and lodging.
d Not including hours of 1 person not reported.
e Average for 1856–58.
f Average for 1857–58.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, PRINTING AND PUBLISHING—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Mass	267	3 F.	(a)	1.48-1.48-1.48
1871 N. Y	190	16 F.	59-59-59	.59- .84- .72
1871 N. Y	190	1 (a)	(a)	.83- .83- .83
1871 Pa	190	1 F.	54-54-54	.67- .67- .67
1871 England	629	(a) F.	(a)	.49- .81- —
1872 N. Y	190	19 F.	59-59-59	.42- .84- .66
1872 N. Y	190	2 (a)	(a)	.50-1.17- .84
1872 Pa	190	3 F.	54-54-54	.67- .75- .72
1873 N. Y	190	14 F.	59-59-59	.70- .70- .70
1873 N. Y	190	1 (a)	(a)	1.17-1.17-1.17
1873 Pa	190	18 F.	b54-54-54	.67- .75- .73
1873 Pa	379	30 F.	(a)	.38- .38- .38
1874 N. Y	190	19 F.	59-59-59	.34- .84- .69
1874 Pa	190	5 F.	54-54-54	.67- .75- .73
1874 Ireland	3	(a) F.	(a)	1.67-1.67-1.67
1875 Conn	7	2 F.	59-59-59	.83-1.12- .98
1875 N. Y	190	16 F.	59-59-59	.70- .84- .73
1875 Pa	190	1 F.	54-54-54	.75- .75- .75
1875 Va	7	1 F.	(a)	1.17-1.17-1.17
1876 N. Y	190	14 F.	59-59-59	.70- .84- .73
1876 Ireland	3	(a) F.	(a)	.83- .83- .83
1877 N. Y	190	18 F.	59-59-59	.34- .84- .67
1877 Ireland	3	(a) F.	(a)	.83- .83- .83
1878 N. Y	190	22 F.	59-59-59	.34- .79- .64
1878 Ohio	360	6 F.	(a)	.75- .83- .76
1878 Germany	177	(a) (a)	(a)	.23- .23- .23
1878 Scotland	177	(a) (a)	54-54-54	.42- .42- .42
1879 N. Y	190	34 F.	59-59-59	.34- .79- .59
1880 N. Y	7	9 F.	57-60-58	.67-1.33-1.10
1880 N. Y	190	30 F.	59-59-59	.34- .83- .63
1880 Pa	7	8 F.	60-60-60	.75- .83- .80
1880 S. C	7	1 F.	(a)	.58- .58- .58
1880 Ireland	3	(a) F.	(a)	.83- .83- .83
1880 Scotland	571	(a) F.	54-54-54	.24- .41- —
1881 N. Y	3	1 F.	(a)	.50- .50- .50
1881 N. Y	190	45 F.	59-59-59	.34- .84- .56
1882 Mass	7	8 F.	59-59-59	.75-1.67-1.10
1882 N. Y	190	38 F.	59-59-59	.34- .84- .52
1882 Pa	7	1 F.	60-60-60	.67- .67- .67
1882 Ireland	3	(a) F.	(a)	.83- .83- .83
1883 Mass	273	45 F.	(a)	.50-2.00-1.09
1883 N. J	322	8 F.	60-60-60	.33-1.00- .60
1883 N. Y	190	40 F.	59-59-59	.34- .84- .49
1883 Gr't Brit	273	(a) F.	(a)	.37- .49- —
1883 Gr't Brit	273	(a) (a)	(a)	.16- .20- —
1883 Ireland	572	(a) F.	(a)	.16- .49- —
1883 Scotland	572	(a) F.	54-54-54	.16- .41- —
1884 Ga	7	1 F.	54-54-54	.83- .83- .83
1884 N. Y	190	31 F.	59-59-59	.34- .84- .55
1884 N. C	7	3 F.	60-60-60	.67- .67- .67
1884 Ohio	7	6 F.	51-59-56	.62-1.00- .79
1884 Pa	7	5 F.	59-59-59	.75-1.00- .87
1884 Belgium	178	(a) M.	60-60-60	.39- .97- —
1884 England	178	(a) F.	54-54-54	.55- .55- .55
1884 France	178	(a) F.	66-70 —	.23- .48- —
1884 Germany	178	(a) M.	60-60-60	.34- .34- .34
1884 Italy	178	(a) F.	60-60-60	.16- .32- —
1884 Scotland	178	(a) F.	54-54-54	.41- .41- .41
1884 Switzerl'd	178	(a) M.	69-69-69	.32- .58- —
1884 Switzerl'd	178	(a) (a)	(a)	.45- .45- .45
1884 Wales	178	(a) F.	(a)	.32- .61- —
1885 Fla	7	2 F.	60-60-60	.75- .75- .75
1885 Ill	7	10 F.	59-59-59	.75-1.04- .90
1885 Me	7	4 F.	60-60-60	.83- .83- .83
1885 Mass	7	1 M.	54-54-54	.73- .73- .73
1885 Mass	7	85 F.	55-59-57	.50-1.61- .94
1885 Mo	7	8 F.	59-59-59	1.00-1.00-1.00
1885 N. Y	7	142 F.	c56-60-59	.33-1.33- .89
1885 N. Y	190	31 F.	59-59-59	.34- .84- .50
1885 N. Y	330	6 F.	54-57-55	0.67-1.25-0.82
1885 S. C	7	2 F.	59-59-59	.42- .42- .42
1885 Va	7	10 F.	58-59-58	.92-1.17- .99
1885 Australia	175	(a) F.	(a)	.61-1.01- —
1885 Germany	547	(a) F.	(a)	.24- .61- —
1886 Cal	193	16 F.	54-54-54	1.00-1.00-1.00
1886 Fla	7	2 F.	60-60-60	.58- .58- .58
1886 Md	3	17 F.	50-60-55	.25-1.00- .60
1886 Mo	3	20 F.	b59-69-60	.25-1.17- .68
1886 N. J	3	2 F.	54-54-54	.34- .61- .48
1886 N. Y	7	32 F.	b54-59-56	.33-1.60- .95
1886 N. Y	190	24 F.	59-59-59	.34- .84- .55
1886 Pa	3	10 F.	49-59-55	.50-1.33- .94
1886 Pa	7	10 F.	60-60-60	1.00-1.17-1.03
1886 Canada	468	(a) F.	53-53-53	.60- .60- .60
1886 Germany	548	(a) (a)	(a)	.18- .24- —
1886 Ireland	3	(a) F.	52-57 —	.83-1.33- —
1887 Cal	3	4 F.	48-53-51	1.00-1.17-1.08
1887 Ill	3	32 F.	48-59-55	.42-1.67- .81
1887 Ky	3	5 F.	53-59-56	.58-1.00- .76
1887 Mass	3	15 F.	41-58-53	.50-1.25- .76
1887 Minn	3	11 F.	54-60-58	.20-1.00- .64
1887 N. Y	3	47 F.	50-60-56	.28-1.83- .75
1887 N. Y	7	3 F.	(a)	.50- .67- .56
1887 N. Y	190	28 F.	59-59-59	.42- .84- .56
1887 Ohio	3	33 F.	d46-60-56	.25-1.33- .79
1887 Ohio	369	2 M.	60-60-60	1.00-1.25-1.13
1887 Ohio	369	34 F.	60-60-60	.75-1.25- .94
1887 Pa	3	3 F.	46-53-50	.67-1.17- .86
1887 Canada	469	(a) F.	53-53-53	.31- .52- —
1887 Germany	557	(a) F.	57-60 —	.20- .95- —
1888 Ga	3	6 F.	50-60-55	.33- .92- .50
1888 Ind	3	6 F.	b53-59-56	.25- .83- .54
1888 Me	254	1 F.	60-60-60	.75- .75- .75
1888 N. Y	190	22 F.	59-59-59	.34- .84- .59
1888 N. Y	331	117 M.	e48-58-51	.52- .83- .80
1888 N. Y	331	63 F.	f55-60-59	.67-1.50-1.03
1888 Pa	8	30 F.	54-54-54	1.00-1.00-1.00
1888 S. C	3	3 F.	60-60-60	.46- .83- .71
1888 Va	3	15 F.	51-59-56	.50-1.00- .62
1888 Canada	470	(a) M.	55-55-55	.99- .99- .99
1888 Canada	470	(a) F.	53-53-53	.34- .60- —
1888 Germany	558	(a) F.	48-59 —	.15- .71- —
1889 N. Y	190	22 F.	59-59-59	.42- .84- .61
1889 Canada	471	(a) F.	54-55 —	.61- .63- —
1890 N. Y	190	8 F.	59-59-59	.50- .84- .69
1890 N. Y	333	124 M.	(a)	.33-1.83-1.19
1890 N. Y	333	49 F.	(a)	.75-1.50- .79
1891 Ill	19	4 M.	(a)	.67-2.17-1.04
1891 Mich	283	75 F.	(a)	.33-1.25- .78
1891 N. Y	190	13 F.	59-59-59	.42- .84- .60
1891 N. Y	333	134 M.	(a)	.50-2.00-1.22
1891 N. Y	333	73 F.	(a)	.67-1.50- .78
1891 France	505	(a) F.	60-60-60	1.06-1.06-1.06
1891 Italy	638	(a) F.	60-60-60	.09½-.19- —
1892 Cal	196	7 F.	48-68-51	.25-1.33- .77
1892 Ill	19	5 F.	59-59-59	.58- .83- .68
1892 Ill	210	109 F.	48-59-54	.44-1.67- .95
1892 N. Y	190	1 M.	60-60-60	.59- .59- .59
1892 N. Y	190	20 F.	60-60-60	.59- .92- .75
1892 Australia	424	(a) (a)	(a)	.24- .81- —
1892 France	505	(a) F.	60-70 —	.19- .58- —
1893 Ill	10	25 F.	54-60-58	.50-1.17- .85
1893 Ill	19	4 F.	59-59-59	.67- .83- .75
1893 Md	10	3 F.	60-60-60	.75-1.00- .92
1893 N. Y	10	2 M.	59-60-60	.83-1.33-1.08
1893 N. Y	10	10 F.	47-60-56	.50-1.33-1.04
1893 Ohio	374	3 M.	60-60-60	.60- .60- .60
1893 Ohio	374	60 F.	g54-60-56	.70-1.00- .89

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 29 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 100 persons not reported.
f Not including hours of 39 persons not reported.
g Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, PRINTING AND PUBLISHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Pa	10	1 M.	60-60-60	0.75-0.75-0.75	1895 Va	7	15 F.	57-59-58	1.00-1.17-1.07
1893 Pa	10	2 F.	56-60-58	.58- .75- .67	1895 Australia	426	(a) F.	(a)	.24-1.12- —
1893 Italy	639	(a) F.	60-60-60	.09½-.32- —	1895 Australia	426	(a) (a)	(a)	.32-1.12- —
1893 Wales	632	(a) F.	50-50-50	.41- .41- .41	1895 Canada	187	(a) (a)	60-60-60	.50- .83- —
1894 Ind	228	9 F.	59-59-59	.83-1.33-1.01	1896 Fla	7	6 F.	60-60-60	.42- .75- .64
1894 Ohio	375	2 M.	60-60-60	1.25-1.25-1.25	1896 Ga	7	2 F.	54-54-54	.75- .75- .75
1894 Ohio	375	31 F.	b48-60-58	.50-1.25- .77	1896 Ill	7	12 F.	59-59-59	.79-1.17- .98
1894 Australia	425	(a) F.	(a)	.24-1.12- —	1896 N. Y	7	1 M.	59-59-59	.42- .42- .42
1894 Australia	425	(a) (a)	(a)	.32-1.12- —	1896 N. Y	7	46 F.	54-60-57	.25-1.63- .83
1895 Conn	7	8 F.	59-59-59	.92-1.83-1.12	1896 N. Y	8	2 M.	60-60-60	1.67-2.50-2.09
1895 Mass	7	1 M.	58-58-58	2.00-2.00-2.00	1896 N. Y	8	4 F.	54-60-59	.75-1.50-1.13
1895 Mass	7	97 F.	55-58-56	.50-2.56-1.10	1896 Ohio	7	14 F.	59-59-59	.63-1.00- .80
1895 Mo	7	11 F.	59-59-59	.42-1.00- .86	1896 Ohio	377	56 F.	55-60-58	.75-1.75- .83
1895 Mont	309	9 F.	53-53-53	1.07-1.07-1.07	1896 Pa	7	14 F.	60-60-60	.67-1.00- .94
1895 N. J	7	3 F.	60-60-60	.75- .83- .78	1896 Australia	427	(a) F.	(a)	.24-1.12- —
1895 N. Y	7	118 F.	53-60-58	.42-1.80-1.14	1896 Australia	427	(a) (a)	(a)	.32-1.12- —
1895 N. Y	8	1 F.	60-60-60	1.00-1.00-1.00	1897 Australia	428	(a) F.	(a)	.20-1.01- —
1895 N. C	7	6 F.	54-54-54	.67- .83- .81	1898 Australia	429	(a) F.	(a)	.20-1.01- —
1895 Ohio	376	49 F.	c48-60-56	.50-1.75- .88	1898 Belgium	454	(a) (a)	(a)	d.03- .03- .03
1895 Pa	8	1 M.	60-60-60	1.00-1.00-1.00	1899 Mass	18	31 F.	55-55-55	.67-1.83-1.08
1895 Pa	8	1 F.	60-60-60	1.00-1.00-1.00	1900 Mass	18	22 F.	55-55-55	.67-1.83-1.01
1895 S. C	7	4 F.	54-59-58	.42- .67- .48					

FOLDERS, RUBBER GOODS.

1887	Mass	3	3	F.	52-54-52	.58- .92- .75	....	.....	....	....	...	.....	.....

FOLDERS, TEXTILES.

1840	Switzerl'd.	711	(a)	F.	(a)	.12- .14- —	1880	Ga	7	5	M.	e66-69-68	1.00-1.25-1.05
1845	Switzerl'd.	711	(a)	F.	(a)	.13- .15- —	1880	Mass	7	3	M.	60-60-60	1.67-1.67-1.67
1850	Switzerl'd.	711	(a)	F.	(a)	.14- .18- —	1880	Mass	7	5	F.	60-60-60	.92- .92- .92
1855	Switzerl'd.	711	(a)	F.	(a)	.15- .20- —	1880	Mass	190	5	F.	60-60-60	.85- .85- .85
1860	Switzerl'd.	711	(a)	F.	(a)	.17- .23- —	1880	Pa	8	2	F.	60-60-60	.67- .83- .75
1865	Switzerl'd.	711	(a)	F.	(a)	.18- .26- —	1881	Mass	190	5	F.	60-60-60	.90- .90- .90
1867	Ga	7	2	M.	66-66-66	.90- .90- .90	1881	N. H	6	1	M.	(a)	1.13-1.13-1.13
1867	Mass	7	6	F.	60-60-60	.90-1.34-1.02	1881	N. J	320	6	M.	(a)	2.00-2.00-2.00
1870	Mass	190	1	F.	66-66-66	.90- .90- .90	1881	N. C	7	1	M.	(a)	.60- .60- .60
1870	Pa	8	1	F.	60-60-60	1.00-1.00-1.00	1882	Ga	7	2	M.	72-72-72	1.00-1.00-1.00
1870	Switzerl'd.	711	(a)	F.	(a)	.14- .28- —	1882	Mass	190	5	F.	60-60-60	.94- .94- .94
1872	Mass	190	2	F.	66-66-66	.90-1.00- .95	1882	Mo	7	2	F.	59-59-59	.83- .89- .86
1872	Pa	8	2	F.	60-60-60	.83-1.00- .92	1882	N. J	321	25	M.	f60-60-60	1.83-2.00-1.89
1872	S. C	7	1	M.	72-72-72	1.00-1.00-1.00	1882	N. J	321	96	F.	60-60-60	.83- .88- .86
1873	Mass	190	6	F.	66-66-66	.90-1.00- 98	1882	N. C	7	1	M.	72-72-72	.75- .75- .75
1873	Switzerl'd.	711	(a)	F.	(a)	.22- .34- —	1882	S. C	7	2	M.	e69-69-69	.70- .80- .75
1874	Mass	190	4	F.	66-66-66	1.00-1.00-1.00	1882	Italy	33	(a)	M.	(a)	.48- .48- .48
1875	Mass	190	4	F.	60-60-60	.82- .82- 82	1883	Ga	7	6	M.	b66-69-68	1.00-1.50-1.13
1875	Mass	270	1	M.	(a)	2.25-2.25-2.25	1883	Mass	190	5	F.	60-60-60	.94- .94- .94
1875	Mass	270	8	F.	(a)	.90-1.03- .95	1883	Mass	273	5	M.	(a)	1.35-2.00-1.62
1876	Mass	190	5	F.	60-60-60	.95- .95- .95	1883	Mass	273	9	F.	(a)	.78-1.30-1.08
1876	Pa	382	9	M.	(a)	2.00-2.00-2.00	1883	N. J	322	38	M.	g60-60-60	1.33-2.00-1.75
1876	Pa	382	6	F.	(a)	.83- .83- .83	1883	N. J	322	131	F.	h60-60-60	.83-1.00- .85
1876	S. C	7	2	M.	66-66-66	.75- .75- .75	1883	S. C	7	4	M.	70-72-71	.75- .90- .83
1877	Ga	8	1	M.	66-66-66	1.00-1.00-1.00	1883	Tenn	7	2	F.	66-66-66	.80- .90- .85
1877	Mass	190	3	F.	60-60-60	.90- .90- .90	1884	Ga	7	3	M.	66-70-68	.80-1.00- .93
1877	England	171	(a)	(a)	53-53-53	1.05-1.05-1.05	1884	Mass	7	2	M.	60-60-60	1.33-1.50-1.42
1878	Mass	190	5	F.	60-60-60	.90- .90- .90	1884	Mass	190	6	F.	60-60-60	.92- .92- .92
1878	N. H	7	3	M.	60-60-60	.80-1.55-1.05	1884	N. H	7	3	F.	60-60-60	.50- .75- .67
1878	Pa	8	1	F.	60-60-60	1.00-1.00-1.00	1884	N. C	7	1	M.	69-69-69	.75- .75- .75
1878	England	25	(a)	(a)	(a)	1.00-1.00-1.00	1884	S. C	7	1	M.	69-69-69	1.00-1.00-1.00
1879	Mass	190	6	F.	60-60-60	.85- .85- .85	1884	Germany	178	(a)	M.	(a)	.59- .59- .59

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 10 persons not reported.
d Per hour.
e Not including hours of 1 person not reported.
f Not including hours of 4 persons not reported.
g Not including hours of 28 persons not reported.
h Not including hours of 80 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Switzerl'd.	178	(a) F.	65-65-65	0.19-0.48- —
1885 Ala	7	1 M.	(a)	.90- .90- .90
1885 Conn	1	1 M.	66-66-66	1.33-1.33-1.33
1885 Conn	7	10 M.	60-60-60	.50-2.50-1.76
1885 Conn	7	2 F.	60-60-60	1.00-1.00-1.00
1885 Ga	1	3 M.	69-69-69	.70- .75- .72
1885 Me	1	3 M.	66-66-66	1.10-1.58-1.42
1885 Md	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Mass	1	26 M.	60-60-60	.62-1.60-1.30
1885 Mass	7	1 M.	60-60-60	1.75-1.75-1.75
1885 Mass	190	4 F.	60-60-60	.92- .92- .92
1885 N. H	7	6 M.	60-66-64	.50-1.00- .76
1885 N. H	7	9 F.	60-66-62	.75-1.00- .86
1885 N. Y	1	31 M.	66-69-68	.69-1.50- .88
1885 N. Y	1	26 F.	66-66-66	.83- .83- .83
1885 N. C	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Pa	7	18 M.	60-60-60	1.50-2.00-1.97
1885 Pa	7	12 F.	60-60-60	1.11-1.47-1.26
1885 Vt	1	2 M.	66-66-66	.75-1.10- .93
1885 Va	1	1 M.	66-66-66	1.00-1.00-1.00
1885 Germany	1	(a) M.	72-72-72	.42- .42- .42
1886 Mass	2	48 M.	60-60-60	1.60-1.65-1.63
1886 Mass	190	6 F.	60-60-60	.92- .92- .92
1886 Mo	3	1 F.	60-60-60	.83- .83- .83
1886 N. H	7	5 M.	60-60-60	1.05-1.50-1.25
1886 N. J	2	12 (a)	60-60-60	2.00-2.00-2.00
1886 N. J	325	1 M.	60-60-60	2.00-2.00-2.00
1886 Pa	7	6 M.	b 60-60-60	1.00-2.08-1.44
1886 Pa	7	1 F.	60-60-60	1.17-1.17-1.17
1886 R. I	3	1 F.	60-60-60	.67- .67- .67
1886 R. I	7	13 M.	60-60-60	1.33-1.58-1.51
1886 R. I	7	6 F.	60-60-60	.83-1.08- .97
1886 England	600	(a) M.	57-57-57	.26- .77- —
1886 England	600	(a) F.	57-57-57	.37- .48- —
1886 Scotland	600	(a) M.	57-57-57	.32- .88- —
1886 Scotland	600	(a) F.	57-57-57	.23- .39- —
1887 Mass	190	6 F.	60-60-60	.95- .95- .95
1887 N. Y	3	2 F.	60-60-60	.83- .83- .83
1887 Ohio	3	1 F.	58-58-58	.44- .44- .44
1887 Wis	409	1 (a)	(a)	1.88-1.88-1.88
1888 Ga	3	2 F.	55-55-55	.25- .27- .26
1888 Ga	6	8 M.	66-66-66	.90-1.10- .98
1888 Mass	190	7 F.	60-60-60	.85- .95- .94
1888 N. J	326	6 F.	60-60-60	.68- .80- .77
1888 N. Y	6	3 M.	60-60-60	1.25-1.67-1.39
1888 N. Y	6	15 F.	(a)	.55- .75- .63
1888 N. Y	331	10 M.	c 55-55-55	1.25-2.50-1.85
1888 N. C	6	2 M.	(a)	.75-1.50-1.13
1888 R. I	6	2 M.	(a)	1.17-1.17-1.17
1888 R. I	397	2 M.	(a)	1.75-1.75-1.75
1888 S. C	6	1 M.	(a)	.90- .90- .90
1888 Va	3	2 F.	55-55-55	.25- .29- .27
1888 Va	6	3 M.	(a)	.88-1.10- .99
1888 Va	6	1 F.	(a)	.60- .60- .60
1888 France	6	(a) M.	(a)	.77- .77- .77
1889 Me	6	10 M.	d 60-60-60	1.12-2.00-1.29
1889 Md	6	9 M.	(a)	.70-1.00- .94
1889 Mass	6	9 M.	e 60-60-60	.75-1.53-1.05
1889 Mass	6	23 F.	60-60-60	.80-1.28- .99
1889 Mass	190	8 F.	60-60-60	.90- .95- .94
1889 N. H	6	12 M.	e 60-60-60	1.00-1.50-1.21
1889 N. Y	6	2 M.	(a)	.90- .90- .90
1889 N. Y	6	3 F.	(a)	.60- .60- .60
1889 N. C	6	1 M.	(a)	.40- .40- .40
1889 Pa	6	3 M.	(a)	1.50-1.67-1.56
1889 R. I	6	4 M.	(a)	1.17-1.47-1.31
1889 R. I	398	1 F.	60-60-60	.83- .83- .83
1889 Tenn	6	5 M.	f 66-66-66	0.60-1.00-0.88
1889 Tenn	6	5 F.	66-66-66	.55-1.00- .73
1889 Va	6	2 M.	(a)	1.00-1.00-1.00
1889 Canada	471	(a) M.	60-60-60	1.81-1.81-1.81
1889 Canada	471	(a) F.	58-58-58	.73- .73- .73
1889 France	6	(a) F.	(a)	.23- .41- —
1890 Ala	6	6 M.	g 69-69-69	.75-1.50-1.05
1890 Ky	6	1 M.	(a)	.75- .75- .75
1890 La	6	3 F.	(a)	.80- .80- .80
1890 Mass	190	11 F.	60-60-60	.90-1.00- .95
1890 Miss	6	3 (a)	(a)	.85-1.00- .95
1890 N. Y	333	40 M.	(a)	.33-1.67- .68
1890 N. Y	333	2 F.	(a)	.50- .50- .50
1890 N. C	6	4 M.	b 66-66-66	.75-1.25-1.00
1890 N. C	6	1 F.	(a)	.75- .75- .75
1890 R. I	6	1 M.	(a)	1.12-1.12-1.12
1890 Tenn	6	4 M.	(a)	1.00-1.15-1.04
1890 Scotland	6	(a) M.	56-56-56	.32- .69- —
1891 Me	257	1 M.	60-60-60	.92- .92- .92
1891 Me	257	1 F.	60-60-60	.85- .85- .85
1891 Mass	190	9 F.	60-60-60	.90-1.00- .95
1891 Mich	283	1 F.	(a)	.80- .80- .80
1891 N. Y	333	44 M.	(a)	.33-1.67- .78
1891 N. Y	333	4 F.	(a)	.63- .63- .63
1891 France	505	(a) M.	60-66 —	.68-1.01- —
1891 France	505	(a) F.	66-66-66	.43- .63- —
1892 Me	258	14 M.	60-60-60	1.20-1.51-1.36
1892 Me	258	5 F.	60-60-60	.83-1.40-1.14
1892 Mass	20	1 M.	60-60-60	1.05-1.05-1.05
1892 Mass	20	17 F.	60-60-60	.85-1.00- .97
1892 Mass	190	1 M.	58-58-58	.97- .97- .97
1892 Mass	190	9 F.	58-58-58	.87- .97- .94
1892 France	505	(a) M.	60-72 —	.48-1.11- —
1892 France	505	(a) M.	72-72-72	h .50- .50- .50
1892 France	505	(a) F.	57-72 —	.18- .58- —
1892 France	505	(a) F.	60-60-60	i .27- .27- .27
1892 Russia	692	(a) (a)	(a)	.28- .52- —
1893 Mass	20	1 M.	58-58-58	1.20-1.20-1.20
1893 Mass	20	9 F.	58-58-58	.90-1.10-1.01
1893 N. J	327	2 F.	55-55-55	.58-1.17- .88
1893 Ireland	632	(a) F.	(a)	.41- .41- .41
1893 Italy	639	(a) F.	72-72-72	.19- .19- .19
1893 Scotland	632	(a) F.	(a)	.27- .27- .27
1894 Mass	20	1 M.	58-58-58	1.20-1.20-1.20
1894 Mass	20	8 F.	58-58-58	.90-1.10-1.02
1894 N. C	8	5 M.	60-72-67	.75-1.00- .87
1894 R. I	401	21 (a)	(a)	1.00-2.83-1.73
1894 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1894 France	129	(a) M.	60-60-60	.68-1.10- —
1894 France	129	(a) F.	60-60-60	.51- .51- .51
1894 Spain	133	(a) (a)	(a)	.77-1.03- —
1895 Ala	7	3 M.	60-66-62	.90-1.00- .93
1895 Ga	7	6 M.	66-66-66	.90-1.00- .98
1895 Ga	7	14 F.	66-66-66	.67- .75- .70
1895 Ga	8	7 M.	66-66-66	.75-1.25- .97
1895 Me	7	1 M.	60-60-60	1.25-1.25-1.25
1895 Mass	7	37 M.	58-60-60	.71-2.25-1.35
1895 Mass	7	8 F.	58-58-58	.83-1.67-1.02
1895 Mass	20	1 M.	58-58-58	1.30-1.30-1.30
1895 Mass	20	10 F.	58-58-58	.90-1.10-1.03
1895 Mo	7	3 F.	59-59-59	.85-1.05- .94
1895 N. H	7	17 M.	60-60-60	.90-1.30-1.12
1895 N. H	7	37 F.	60-60-60	.80-1.00- .91
1895 N. Y	7	3 F.	60-60-60	.83- .83- .83
1895 N. C	7	1 M.	72-72-72	.90- .90- .90
1895 N. C	8	7 M.	66-72-69	.75-1.25- .96
1895 Pa	8	1 M.	60-60-60	.83- .83- .83

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 8 persons not reported.
d Not including hours of 9 persons not reported.
e Not including hours of 6 persons not reported.
f Not including hours of 2 persons not reported.
g Not including hours of 5 persons not reported.
h And lodging and fuel.
i And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOLDERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 S. C	7	21 M.	66-66-66	0.75-1.00-0.82
1895 S. C	8	1 M.	66-66-66	1.00-1.00-1.00
1895 Tenn	7	3 M.	66-66-66	.75- .90- .80
1895 Tenn	7	3 F.	66-66-66	.80- .95- .90
1896 Conn	7	7 M.	60-60-60	1.50-2.00-1.79
1896 Conn	7	6 F.	60-60-60	.80-1.44-1.07
1896 Ga	7	13 M.	66-66-66	.90-1.25-1.01
1896 N. H	7	21 M.	60-60-60	1.00-1.85-1.45
1896 N. C	7	7 M.	68-69-69	.50-1.25- .80
1896 Pa	7	34 M.	60-60-60	0.75-2.00-1.88
1896 Pa	7	13 F.	60-60-60	.94-1.27-1.14
1896 Pa	8	6 F.	60-60-60	.67- .83- .72
1896 R. I	7	28 M.	60-60-60	1.25-1.83-1.61
1896 R. I	7	25 F.	60-60-60	.83-1.25-1.11
1896 S. C	7	6 M.	66-66-66	.85-1.00- .95
1896 France	509	(a) (a)	72-72-72	.68- .68- .68
1897 Ga	8	1 M.	66-66-66	.75- .75- .75

FOOT MAKERS, GLASS.

1883	Gr't Brit ..	273	(a)	M.	(a)	1.06-1.22- —	1895	England ..	591	(a)	M.	(a)	1.01-1.12- —

FOOTMEN.

1870	Norway ...	610	(a)	M.	(a)	b.15- .24- —	1884	Germany .	178	(a)	M.	(a)	e.16- .23- —
1873	England ..	177	(a)	M.	(a)	.27- .40- —	1884	Italy	178	(a)	M.	(a)	e.10- .26- —
1878	England ..	177	(a)	M.	(a)	.24- .33- —	1884	Malta	178	(a)	M.	(a)	.32- .40- —
1878	Scotland ..	177	(a)	M.	(a)	.52- .59- —	1884	Mexico ...	178	(a)	(a)	(a)	.16- .49- —
1884	Belgium ..	178	(a)	M.	(a)	c.32- .63- —	1884	Persia	178	(a)	(a)	(a)	.19- .19- .19
1884	Brazil	178	(a)	M.	(a)	.28- .41- —	1884	Scotland ..	178	(a)	M.	(a)	.33- .33- .33
1884	Br. Hond ..	178	(a)	M.	(a)	d.33- .39- —	1884	Spain	178	(a)	M.	(a)	e.06¼-.13- —
1884	England ..	178	(a)	M.	(a)	.24- .47- —	1884	Spain	178	(a)	M.	(a)	c.08- .39- —
1884	England ..	178	(a)	M.	(a)	e.35- .52- —	1885	Germany .	163	(a)	M.	(a)	d.24- .24- .24
1884	England ..	178	(a)	M.	(a)	.38- .48- —	1896	Belgium ..	184	(a)	M.	(a)	.48- .48- .48
1884	France	178	(a)	M.	(a)	.12- .26- —	1899	Germany .	163	(a)	M.	(a)	d.31- .31- .31

FOREMEN (NOT SPECIFIED), AGRICULTURAL IMPLEMENTS.

1836	N. H	8	1	M.	72-72-72	1.25-1.25-1.25	1888	Canada ...	470	(a)	M.	60-60-60	2.48-2.48-2.48
1864	England ..	627	(a)	M.	(a)	.24- .32- —	1889	Canada ...	471	(a)	M.	59-59-59	2.50-2.50-2.50
1872	England ..	185	(a)	(a)	54-54-54	2.22-2.22-2.22	1890	Mich.....	282	7	M.	60-60-60	2.00-3.20-2.53
1873	Pa	379	3	M.	(a)	3.00-3.00-3.00	1890	N. Y.....	333	30	M.	(a)	1.50-3.83-2.39
1874	Canada	185	(a)	M.	59-60 —	2.75-3.00- —	1890	Ohio	371	32	(a)	54-60-57	1.60-3.00-2.76
1879	Ohio	361	101	M.	(a)	3.00-3.00-3.00	1891	N. Y.....	333	28	M.	(a)	1.50-3.83-2.48
1879	Pa	384	3	(a)	60-60-60	2.00-2.00-2.00	1891	Ohio	372	11	M.	57-60-58	2.50-4.00-3.11
1880	Ohio	362	127	M.	(a)	2.00-5.00-3.19	1892	France....	505	(a)	M.	66-77 —	.61-2.32- —
1884	Mich.....	278	14	M.	(a)	2.00-3.25-2.68	1894	N. Y.....	8	2	M.	60-60-60	4.00-4.79-4.40
1884	Ohio	367	55	M.	(a)	2.00-3.50-2.98	1894	N. C.....	8	1	M.	60-60-60	2.50-2.50-2.50
1884	Canada ...	466	(a)	M.	60-60-60	2.33-2.33-2.33	1895	N. Y.....	8	1	M.	60-60-60	3.00-3.00-3.00
1885	Ill.....	1	15	M.	60-60-60	2.50-5.00-3.27	1896	Ill.....	8	1	M.	60-60-60	3.50-3.50-3.50
1885	N. Y.....	1	2	M.	60-60-60	2.25-3.00-2.63	1896	Mass	8	7	M.	60-60-60	2.00-3.00-2.86
1885	Ohio	1	28	M.	60-60-60	2.00-4.00-3.64	1896	Vt.....	8	3	M.	60-60-60	3.00-3.00-3.00
1885	Ohio	367	55	M.	(a)	2.00-3.50-2.89	1898	Mo	306	16	M.	(a)	1.53-3.83-2.38
1887	Wis	409	84	M.	(a)	3.11-3.11-3.11							

FOREMEN (NOT SPECIFIED), AGRICULTURE.

1836	Scotland ..	628	(a)	M.	(a)	.22- .22- .22	1867	England ..	628	(a)	M.	(a)	g.57- .57- .57
1842	Scotland ..	628	(a)	M.	(a)	f.31- .31- .31	1868	England ..	628	(a)	M.	(a)	.54- .83- —
1852	Australia .	181	(a)	M.	(a)	d .54- .54- .54	1868	England ..	628	(a)	M.	(a)	d.50- .50- .50
1867	England ..	628	(a)	M.	(a)	.61- .73- —	1868	England ..	628	(a)	M.	(a)	h.41- .65- —
1867	England ..	628	(a)	M.	(a)	d .47- .47- .47	1868	England ..	628	(a)	M.	(a)	i.57- .57- .57

a Not reported.
b And board and livery.
c And board, lodging, and clothing.
d And board.
e And board and lodging.
f And house, cow, meal, and potatoes.
g And house.
h And house and garden.
i And house and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), AGRICULTURE—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1869 Scotland	628	(a) M.	(a)	0.39-0.74- —
1869 Scotland	628	(a) M.	(a)	b.47- .47- .47
1869 Scotland	628	(a) M.	(a)	c.62- .81- —
1869 Scotland	628	(a) M.	(a)	d.39- .39- .39
1869 Scotland	628	(a) M.	(a)	e.34- .37- —
1869 Scotland	628	(a) M.	(a)	f.28- .81- —
1870 Portugal	610	(a) M.	(a)	.30- .41- —
1871 Italy	611	(a) M.	(a)	g.16- .16- .16
1877 Wales	632	(a) M.	(a)	.60- .60- .60
1878 England	177	(a) M.	(a)	c.68- .68- .68
1878 Italy	177	(a) M.	(a)	h.21- .46- —
1878 Wales	632	(a) M.	(a)	.63- .63- .63
1879 Wales	632	(a) M.	(a)	.54- .54- .54
1880 England	632	(a) M.	(a)	.73-1.05- —
1880 Wales	632	(a) M.	(a)	.50- .50- .50
1881 Hawai. Is	24	(a) (a)	(a)	1.15-2.88- —
1881 Wales	632	(a) M.	(a)	i.51- .51- .51
1882 C. of G'd H.	37	(a) M.	(a)	i.96- .96- .96
1882 Wales	632	(a) M.	(a)	.52- .52- .52
1884 England	178	(a) M.	(a)	.38-1.62- —
1884 England	178	(a) M.	(a)	j.39- .54- —
1884 Germany	178	(a) M.	(a)	.46-1.52- —
1884 Germany	178	(a) M.	(a)	j.21- .53- —
1884 Mexico	178	(a) (a)	(a)	.77-3.83- —
1884 Peru	178	(a) M.	(a)	k.58- .58- .58
1884 Russia	178	(a) M.	(a)	j.15- .21- —
1884 Spain	178	(a) M.	(a)	.45- .50- —
1884 Wales	632	(a) M.	(a)	.52- .52- .52
1885 Germany	547	(a) M.	(a)	.95-1.19- —
1885 Wales	632	(a) M.	(a)	.51- .51- .51
1886 Antigua	65	(a) M.	(a)	.64-1.60- —
1886 Cuba	175	(a) (a)	(a)	1.92-1.92-1.92
1886 S. Salvador	64	(a) M.	66-66-66	.77-1.15- —
1886 Wales	632	(a) M.	(a)	.49- .49- .49
1887 C. of G'd H.	483	(a) (a)	(a)	j.09½-.93- —
1887 Wales	632	(a) M.	(a)	.49- .49- .49
1888 C. of G'd H.	483	(a) (a)	(a)	j.09½-1.12- —
1888 Wales	632	(a) M.	(a)	.49- .49- .49
1889 C. of G'd H.	483	(a) (a)	(a)	j.14- .93- —
1889 Wales	632	(a) M.	(a)	.51- .51- .51
1890 C. of G'd H.	484	(a) M.	(a)	j.09½-1.12- —
1890 Wales	632	(a) M.	(a)	.54- .54- .54
1891 C. of G'd H.	485	(a) (a)	(a)	j.09½-1.12- —
1891 England	632	(a) M.	(a)	.69-1.16- —
1891 Wales	632	(a) M.	(a)	.54- .54- .54
1892 C. of G'd H.	486	(a) M.	(a)	j.11- .93- —
1892 England	632	(a) M.	(a)	.64-1.47- —
1892 Wales	632	(a) M.	(a)	.54- .85- —
1893 England	589	(a) M.	(a)	j.28- .54- —
1893 England	632	(a) M.	(a)	.81- .81- .81
1893 England	632	(a) M.	(a)	c.65- .65- .65
1893 Mexico	184	(a) M.	(a)	.09-1.00- —
1893 Scotland	589	(a) M.	(a)	l.37- .56- —
1893 Scotland	632	(a) M.	(a)	.69-1.01- —
1893 Wales	632	(a) M.	(a)	.54- .54- .54
1894 Mich	286	2 M.	(a)	1.15-1.92-1.54
1894 England	584	(a) M.	(a)	.72- .72- .72
1896 Hawai. Is	184	(a) M.	(a)	1.53-2.88- —
1896 Mexico	184	(a) M.	(a)	.25- .50- —
1896 Venezuela	184	(a) M.	(a)	.88-2.36- —
1898 Australia	419	(a) (a)	(a)	n1.01-1.01-1.01

FOREMEN, ARTIFICIAL FLOWER MAKERS.

1885	N. Y.	7	1	M.	34-34-34	5.83-5.83-5.83	1892	France	505	(a)	M.	60-60-60	.77- .77- .77
1887	Germany	557	(a)	(a)	51-51-51	.83- .83- .83	1893	Pa	10	1	M.	54-54-54	2.00-2.00-2.00
1890	N. Y.	333	1	M.	(a)	2.83-2.83-2.83	1895	N. Y.	7	1	M.	54-54-54	3.33-3.33-3.33
1891	N. Y.	333	1	M.	(a)	3.33-3.33-3.33							

FOREMEN (NOT SPECIFIED), AWNINGS, TENTS, FLAGS, AND SAILS.

1859	England	563	(a)	M.	57-57-57	1.87-1.87-1.87	1891	Ohio	372	2	M.	60-60-60	2.00-2.50-2.25
1860	England	564	(a)	(a)	57-57-57	1.87-1.87-1.87	1892	Australia	424	(a)	M.	(a)	2.03-2.84- —
1861	England	564	(a)	(a)	57-57-57	1.87-1.87-1.87	1894	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1863	England	565	(a)	(a)	57-57-57	1.62-1.87- —	1894	Australia	425	(a)	(a)	(a)	1.62-2.43- —
1880	La	7	1	M.	(a)	2.50-2.50-2.50	1895	La	7	1	M.	60-60-60	3.00-3.00-3.00
1883	Mo	7	1	M.	59-59-59	2.50-2.50-2.50	1895	Mo	7	3	M.	59-60-60	2.00-3.00-2.50
1884	Mo	7	2	M.	o60-60-60	2.00-2.00-2.00	1895	Mo	306	4	M.	(a)	2.49-2.49-2.49
1884	N. J	7	1	M.	59-59-59	2.50-2.50-2.50	1895	N. J	7	2	M.	59-59-59	2.50-2.50-2.50
1884	Ohio	7	1	M.	59-59-59	2.50-2.50-2.50	1895	N. Y.	8	2	M.	60-60-60	3.00-5.00-4.00
1884	Ohio	366	1	M.	(a)	3.33-3.33-3.33	1895	R. I	7	1	M.	60-60-60	2.50-2.50-2.50
1884	R. I	7	1	M.	60-60-60	2.50-2.50-2.50	1895	Australia	426	(a)	(a)	(a)	1.62-2.43- —
1885	Ill.	7	2	M.	60-60-60	3.00-3.33-3.17	1896	Ill.	7	2	M.	48-48-48	3.33-4.17-3.75
1888	N. Y.	331	2	M.	59-59-59	2.50-4.17-3.34	1896	Ohio	7	1	M.	59-59-59	2.50-2.50-2.50
1890	N. Y.	333	5	M.	(a)	2.00-3.00-2.67	1896	Australia	427	(a)	(a)	(a)	2.03-2.43- —
1891	N. Y.	333	5	M.	(a)	2.00-3.00-2.67	1898	Mo	306	2	M.	(a)	1.92-2.88-2.40

a Not reported.
b And board, lodging, and washing.
c And house.
d And house, garden, and other perquisites.
e And oatmeal, milk, and lodging.
f And perquisites.
g And grain.
h And lodging.
i And board.
j And board and lodging.
k And board for self and family.
l And board and lodging or other perquisites.
n And rations.
o Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), BAGS AND BAGGING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Pa	8	1 M.	60-60-60	2.67-2.67-2.67	1892 N. Y	8	1 M.	60-60-60	3.33-3.33-3.33
1872 Pa	8	2 M.	60-60-60	2.67-2.67-2.67	1893 N. Y	10	1 M.	60-60-60	3.00-3.00-3.00
1875 N. Y	8	1 M.	60-60-60	3.33-3.33-3.33	1895 Ga	7	1 M.	66-66-66	3.00-3.00-3.00
1878 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00	1895 Mo	7	1 M.	59-59-59	3.00-3.00-3.00
1878 Pa	8	1 M.	60-60-60	2.67-2.67-2.67	1895 N. Y	8	2 M.	60-60-60	2.67-3.00-2.84
1880 Pa	8	4 M.	60-60-60	2.67-3.00-2.92	1896 Pa	8	11 M.	60-60-60	2.67-3.00-2.79
1882 Mo	7	1 M.	59-59-59	3.00-3.00-3.00	1897 N. Y	8	6 M.	54-60-56	2.00-4.17-3.11
1886 Pa	8	1 M.	60-60-60	3.00-3.00-3.00	1897 Pa	8	2 M.	60-60-60	2.50-2.50-2.50
1890 N. Y	8	1 M.	60-60-60	3.33-3.33-3.33	1897 Australia	428	(a) (a)	(a)	2.43-2.43-2.43
1890 N. Y	333	1 M.	(a)	3.33-3.33-3.33	1898 Mo	306	16 M.	(a)	2.68-2.72-2.70
1891 N. Y	333	1 M.	(a)	3.33-3.33-3.33	1898 Australia	429	(a) (a)	(a)	2.43-2.43-2.43

FOREMEN, BAKERY.

1839	England	562	(a)	M.	66-66-66	1.05-1.05-1.05	1892	Australia	424	(a)	(a)	(a)	1.22-3.14- —
1849	England	562	(a)	M.	66-66-66	1.05-1.05-1.05	1892	C.of G'd H.	486	(a)	M.	(a)	2.24-5.60- —
(b)	Ireland	562	(a)	M.	(a)	.97- .97- .97	1892	England	111	(a)	M.	(a)	1.63-2.43- —
1859	England	562	(a)	M.	66-66-66	1.05-1.05-1.05	1892	England	577	(a)	M.	60-60-60	1.38-1.38-1.38
1861	Scotland	564	(a)	(a)	69-69-69	1.05-1.22- —	1892	England	632	(a)	M.	57-57-57	1.38-1.62- —
1870	Persia	610	(a)	M.	(a)	.24- .24- .24	1892	France	505	(a)	M.	56-78 —	.64-1.93- —
1871	Mass	267	1	M.	(a)	c2.50-2.50-2.50	1892	France	505	(a)	M.	84 84-84	j1.35-1.35-1.35
1872	England	185	(a)	(a)	60-60-60	1.17-1.17-1.17	1892	Ireland	632	(a)	M.	72-72-72	1.22-1.46- —
1872	Netherl'ds	177	(a)	M.	84-84-84	.72- .72- .72	1892	Scotland	577	(a)	M.	63-63-63	1.14-1.14-1.14
1878	Australia	177	(a)	M.	(a)	2.43-2.43-2.43	1892	Scotland	632	(a)	M.	55-55-55	1.62-1.62-1.62
1880	Ga	7	1	M.	66-66-66	4.17-4.17-4.17	1893	N. Y	10	2	M.	62-84-73	2.33-2.50-2.42
1880	Pa	7	1	M.	60-60-60	3.33-3.33-3.33	1893	Aust-Hun	448	(a)	M.	84-84-84	.54- .61- —
1882	Germany	554	(a)	(a)	72-72-72	.60- .60- .60	1893	Aust-Hun	448	(a)	M.	84-84-84	d .27- .34- —
1883	W. Va	7	2	M.	60-60-60	2.00-3.00-2.50	1893	Ireland	578	(a)	M.	k72-72-72	.89-1.14- —
1883	Australia	174	(a)	(a)	(a)	d1.42-1.70- —	1894	D. C	8	1	M.	60-60-60	3.35-3.35-3.35
1883	Gr't Brit	273	(a)	M.	(a)	1.16-2.03- —	1894	Australia	425	(a)	(a)	(a)	1.62-3.24- —
1884	N. J	323	2	M.	72-72-72	3.00-3.33-3.17	1894	C.of G'd H.	487	(a)	M.	51-66 —	3.24-4.87- —
1884	Ohio	366	10	M.	(a)	2.00-3.33-2.86	1894	France	129	(a)	M.	(a)	.77-2.05- —
1884	Pa	7	1	M.	66-60-60	4.17-4.17-4.17	1894	Scotland	589	(a)	(a)	(a)	1.05-1.22- —
1884	Mexico	178	(a)	(a)	(a)	3.00-5.00- —	1895	Ga	7	2	M.	59-59-59	2.50-3.33-2.92
1885	Iowa	7	1	M.	60-60-60	5.00-5.00-5.00	1895	Iowa	7	1	M.	60-60-60	3.75-3.75-3.75
1885	Md	7	2	M.	54-60-57	1.67-2.50-2.09	1895	Md	7	4	M.	54-60-57	1.83-2.50-2.17
1885	Australia	175	(a)	(a)	(a)	2.43-2.43-2.43	1895	Mass	8	1	M.	60-60-60	3.50-3.50-3.50
1885	Canada	467	(a)	M.	60-60-60	1.58-1.58-1.58	1895	Mo	304	1	M.	(a)	1.25-1.25-1.25
1886	Ill	7	1	M.	72-72-72	3.00-3.00-3.00	1895	N. J	8	1	M.	60-60-60	3.50-3.50-3.50
1886	Iowa	7	2	M.	60-60-60	1.33-3.33-2.33	1895	N. Y	8	21	M.	60-60-60	2.00-6.67-4.40
1886	N. Y	7	8	M.	e 60-60-60	1.00-5.00-2.63	1895	Australia	426	(a)	(a)	(a)	1.62-3.24- —
1886	N. Y	331	3	M.	62-74-70	2.83-3.33-3.06	1895	France	509	(a)	(a)	72-72-72	.97- .97- .97
1886	Australia	184	(a)	M.	(a)	2.43-2.43-2.43	1895	France	513	(a)	M.	72-72-72	.87- .87- .87
1886	Canada	468	(a)	M.	54-54-54	2.11-2.11-2.11	1895	Ireland	591	(a)	M.	(a)	.81-1.10- —
1886	Germany	548	(a)	(a)	(a)	d.24- .79- —	1896	Conn	8	1	M.	60-60-60	3.00-3.00-3.00
1887	Conn	202	6	M.	(a)	3.11-5.00-3.42	1896	Ga	7	1	M.	66-66-66	4.17-4.17-4.17
1887	N. Y	331	1	M.	(a)	3.42-3.42-3.42	1896	Ill	7	1	M.	60-60-60	3.33-3.33-3.33
1887	N. Y	331	1	M.	62-62-62	d2.00-2.00-2.00	1896	Iowa	7	4	M.	60-60-60	1.67-4.00-2.88
1887	Wis	409	6	M.	(a)	2.58-2.58-2.58	1896	Mo	298	1	M.	60-60-60	1.25-1.25-1.25
1887	Germany	557	(a)	(a)	f66-78 —	d.36- .99- —	1896	N. Y	7	7	M.	60-60-60	2.50-5.00-3.76
1888	N. Y	331	27	M.	g55-74-66	1.50-3.67-2.75	1896	Ohio	377	2	M.	60-60-60	3.33-3.33-3.33
1888	N. Y	331	2	M.	(a)	c2.00-2.00-2.00	1896	Pa	7	2	M.	55-57-56	4.17-5.00-4.59
1888	Germany	558	(a)	(a)	60-63 —	.79-1.11- —	1896	W. Va	7	2	M.	60-60-60	2.33-3.33-2.83
1888	Germany	558	(a)	(a)	h70-77 —	d.37- .71- —	1896	Australia	427	(a)	(a)	(a)	1.62-3.24- —
1889	Germany	550	(a)	M.	i84-84-84	d.09½-.51- —	1896	England	586	(a)	M.	(a)	1.46-1.46-1.46
1890	Minn	292	7	M.	(a)	2.25-3.00-2.45	1897	Ill	8	3	M.	60-60-60	3.33-4.00-3.56
1890	N. Y	333	3	M.	(a)	2.50-4.17-3.33	1897	Australia	428	(a)	(a)	(a)	2.03-3.24- —
1890	Australia	423	(a)	(a)	48-48-48	2.43-3.24- —	1897	England	587	(a)	M.	(a)	1.30-1.30-1.30
1890	Netherl'ds	666	(a)	M.	(a)	.67-1.34- —	1898	Mo	306	9	M.	(a)	2.45-4.98-3.17
1890	Netherl'ds	666	(a)	M.	(a)	d.15- .22- —	1898	Australia	429	(a)	(a)	(a)	2.03-3.24- —
1891	N. Y	333	15	M.	(a)	1.67-5.00-2.64	1898	Denmark	493	(a)	M.	(a)	.99-1.61- —
1891	Ohio	372	5	M.	60-72-70	2.67-3.00-2.78	1898	N. Zealand	680	(a)	M.	42-48 —	1.82-2.43- —
1891	France	505	(a)	M.	60-60-60	1.16-2.32- —	1899	Ga	18	1	M.	60-60-60	4.17-4.17-4.17
1892	Cal	196	3	M.	(a)	1.92-1.92-1.92	1899	N. Zealand	681	(a)	M.	51-51-51	2.13-2.43- —
1892	Algeria	505	(a)	M.	74-74-74	1.35-1.35-1.35	1900	Ga	18	1	M.	60-60-60	4.17-4.17-4.17

a Not reported.
b Average for 1856–58.
c And board.
d And board and lodging.
e Not including hours of 1 person not reported.
f Applies to but 3 of the 4 wage quotations.
g Not including hours of 7 persons not reported.
h Applies to but 2 of the 4 wage quotations.
i Applies to but 2 of the 3 wage quotations.
j And bread.
k Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BASKET MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Germany	548	(a) (a)	(a)	1.07-1.07-1.07	1898 Denmark	493	(a) M.	(a)	0.94-1.47- —
1890 N. Y.	333	2 M.	(a)	2.00-2.00-2.00					

FOREMEN, BEAMSMEN, TANNERY.

1886 Wis	2	1 M.	60-60-60	3.00-3.00-3.00	1894 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50
1891 N. Y.	333	1 M.	(a)	2.25-2.25-2.25	1894 W. Va	406	1 M.	66-66-66	1.66-1.66-1.66
1892 Del	20	1 M.	(a)	3.00-3.00-3.00	1895 Del	20	1 M.	(a)	3.00-3.00-3.00
1893 Del	20	1 M.	(a)	2.50-2.50-2.50	1896 Mass	8	1 M.	60-60-60	4.00-4.00-4.00
1894 Del	20	1 M.	(a)	2.50-2.50-2.50					

FOREMEN, BLACKSMITHS.

1841 England	625	(a) M.	(a)	.81-1.14- —	1877 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1847 N. Y.	190	1 M.	60-60-60	2.50-2.50-2.50	1877 N. Y.	190	2 M.	60-60-60	4.00-4.17-4.09
1848 N. Y.	190	1 M.	60-60-60	2.50-2.50-2.50	1877 England	570	(a) M.	48-54 —	1.14-1.22- —
1849 N. Y.	190	2 M.	60-60-60	2.00-2.50-2.25	1878 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1850 N. Y.	190	2 M.	60-60-60	2.00-2.50-2.25	1878 N. Y.	190	2 M.	60-60-60	4.00-4.17-4.09
1851 N. Y.	190	2 M.	60-60-60	2.00-2.50-2.25	1879 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1852 N. Y.	190	2 M.	60-60-60	2.00-2.75-2.38	1879 Mo	293	1 M.	(a)	5.00-5.00-5.00
1853 Conn.	190	1 M.	60-60-60	3.00-3.00-3.00	1879 N. Y.	190	2 M.	60-60-60	3.75-4.17-3.96
1853 N. Y.	190	1 M.	60-60-60	2.75-2.75-2.75	1879 Br. India	459	(a) (a)	(a)	.34- .34- .34
1854 Conn.	190	1 M.	60-60-60	3.00-3.00-3.00	1880 N. Y.	190	2 M.	60-60-60	3.75-4.17-3.96
1854 N. Y.	190	3 M.	60-60-60	2.50-2.75-2.67	1880 Pa	385	1 M.	60-60-60	2.88-2.88-2.88
1855 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20	1880 Br. India	459	(a) (a)	(a)	.30- .30- .30
1855 N. Y.	190	3 M.	60-60-60	2.75-3.00-2.83	1880 England	571	(a) M.	58-58-58	1.64-1.64-1.64
1856 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20	1881 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1856 N. Y.	190	2 M.	60-60-60	2.75-3.00-2.88	1881 N. H	7	1 M.	65-65-65	3.50-3.50-3.50
1857 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20	1881 N. J	320	2 M.	60-60-60	4.17-4.79-4.48
1857 N. Y.	190	2 M.	60-60-60	3.00-3.00-3.00	1881 N. Y.	190	2 M.	60-60-60	3.75-5.00-4.38
1858 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00	1881 Br. India	459	(a) (a)	(a)	.30- .30- .30
1859 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00	1882 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1860 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00	1882 N. Y.	190	2 M.	60-60-60	3.75-5.00-4.38
1861 N. Y.	190	2 M.	60-60-60	2.00-3.00-2.50	1882 Br. India	459	(a) (a)	(a)	.30- .30- .30
1861 England	564	(a) (a)	(a)	1.05-1.05-1.05	1883 Del	190	1 M.	60-60-60	3.67-3.67-3.67
1862 N. Y.	190	2 M.	60-60-60	2.00-3.00-2.50	1883 Mass	273	1 M.	(a)	4.00-4.00-4.00
1863 N. Y.	190	2 M.	60-60-60	2.00-3.33-2.67	1883 N. Y.	190	3 M.	60-60-60	3.00-5.00-3.92
1864 N. Y.	190	2 M.	60-60-60	3.50-4.00-3.75	1883 Ohio	365	1 M.	60-60-60	3.83-3.83-3.83
1865 N. Y.	190	2 M.	60-60-60	4.50-5.00-4.75	1883 Br. India	459	(a) (a)	(a)	.30- .30- .30
1866 N. Y.	190	2 M.	60-60-60	3.00-5.00-4.00	1884 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1866 England	566	(a) M.	63-63-63	.97- .97- .97	1884 Mich	278	1 M.	(a)	2.00-2.00-2.00
1867 N. Y.	190	2 M.	60-60-60	3.25-5.83-4.54	1884 N. J	323	1 M.	60-60-60	2.68-2.68-2.68
1868 N. Y.	190	3 M.	60-60-60	3.25-5.83-4.97	1884 N. Y.	190	3 M.	60-60-60	3.00-5.00-3.67
(b) England	567	(a) (a)	(a)	.89-1.14- —	1884 W. Va	7	1 M.	60-60-60	3.00-3.00-3.00
1869 N. Y.	190	2 M.	60-60-60	3.25-5.83-4.54	1884 Brazil	178	(a) M.	63-63-63	3.44-4.30- —
1870 N. Y.	190	2 M.	60-60-60	3.25-5.83-4.54	1884 Br. India	459	(a) (a)	(a)	.29- .29- .29
1870 Egypt	610	(a) (a)	(a)	1.70-1.70-1.70	1884 C. of G'd H.	178	(a) (a)	(a)	3.44-3.46- —
1870 Portugal	610	(a) M.	(a)	.41- .61- —	1884 Ceylon	178	(a) (a)	(a)	1.20-1.20-1.20
1870 Russia	610	(a) M.	(a)	2.03-2.03-2.03	1884 England	178	(a) M.	53-53-53	1.80-1.80-1.80
1870 Turk. in A.	610	(a) M.	(a)	3.36-3.73- —	1884 Italy	46	(a) (a)	(a)	.81- .81- .81
1871 N. Y.	190	2 M.	60-60-60	3.50-5.83-4.67	1884 Peru	178	(a) M.	54-54-54	3.94-3.94-3.94
1871 England	185	(a) (a)	60-60-60	2.02-2.02-2.02	1884 Russia	178	(a) M.	(a)	d2.30-2.30-2.30
1872 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1884 Spain	178	(a) M.	60-60-60	1.45-1.93- —
1872 N. Y.	190	2 M.	60-60-60	3.80-5.83-4.82	1884 Tunis	178	(a) M.	(a)	1.09-1.09-1.09
1873 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1885 Del	190	1 M.	60-60-60	3.58-3.58-3.58
1873 N. Y.	190	2 M.	60-60-60	3.80-5.42-4.61	1885 Mich	279	5 M.	(a)	3.25-3.50-3.42
1873 England	185	(a) M.	(a)	c.96-1.94- —	1885 N. J	324	3 M.	60-60-60	3.67-12.83-7.35
1874 Del	190	1 M.	60-60-60	3.00-3.00-3.00	1885 N. Y.	190	3 M.	60-60-60	3.00-4.50-3.50
1874 N. Y.	190	2 M.	60-60-60	4.00-5.42-4.71	1885 Br. India	459	(a) (a)	(a)	.29- .29- .29
1874 Wales	185	(a) M.	(a)	1.68-1.68-1.68	1885 Canada	467	(a) M.	60-60-60	2.00-2.00-2.00
1875 Del	190	1 M.	60-60-60	3.00-3.00-3.00	1885 Germany	547	(a) (a)	(a)	.60- .83- —
1875 N. Y.	190	2 M.	60-60-60	4.00-5.42-4.71	1886 Del	190	1 M.	60-60-60	3.58-3.58-3.58
1876 Del	190	1 M.	60-60-60	3.67-3.67-3.67	1886 N. Y.	190	4 M.	60-60-60	3.00-4.50-3.44
1876 N. Y.	190	2 M.	60-60-60	4.00-4.59-4.30	1886 Br. India	459	(a) (a)	(a)	.34- .34- .34

a Not reported.
b Average for 1867–68.
c And house.
d And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BLACKSMITHS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Canada	468	(a) M.	59-59-59	2.55-2.55-2.55
1886 England	602	(a) M.	(a)	1.17-1.17-1.17
1887 Conn	202	2 M.	(a)	3.28-6.24-4.76
1887 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1887 Fla	4	1 M.	(a)	3.25-3.25-3.25
1887 Md	4	18 M.	(a)	2.10-4.29-2.84
1887 Mass	4	5 M.	(a)	3.25-3.84-3.50
1887 Mo	4	10 M.	(a)	2.75-4.22-3.58
1887 N. J	4	4 M.	(a)	2.50-3.07-2.83
1887 N. Y	4	4 M.	(a)	2.75-3.83-3.23
1887 N. Y	190	3 M.	60-60-60	3.25-5.00-3.92
1887 Oregon	4	1 M.	(a)	4.60-4.60-4.60
1887 Pa	4	16 M.	(a)	2.49-3.83-3.18
1887 R. I	4	2 M.	(a)	3.00-3.25-3.13
1887 Wis	4	14 M.	(a)	1.73-3.45-2.41
1887 Br. India	459	(a) (a)	(a)	.33- .33- .33
1887 Germany	557	(a) (a)	(a)	1.19-1.19-1.19
1888 Colo	198	2 M.	(a)	4.31-4.31-4.31
1888 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1888 N. Y	190	3 M.	60-60-60	3.00-5.00-3.75
1888 W. Va	5	1 M.	66-66-66	3.15-3.15-3.15
1888 Br. India	459	(a) (a)	(a)	.32- .32- .32
1888 Canada	470	(a) M.	60-60-60	2.50-2.50-2.50
1888 England	5	(a) M.	(a)	1.34-1.34-1.34
1888 Germany	558	(a) (a)	60-66 —	1.09-1.09-1.09
1889 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1889 Ill	5	1 M.	60-60-60	3.45-3.45-3.45
1889 Mo	5	1 M.	(a)	5.00-5.00-5.00
1889 N. Y	190	3 M.	60-60-60	3.00-5.42-3.89
1889 W. Va	5	1 M.	66-66-66	3.15-3.15-3.15
1889 Br. India	459	(a) (a)	(a)	.31- .31- .31
1889 Canada	471	(a) M.	60-60-60	2.36-2.41- —
1889 England	5	(a) M.	(a)	1.07-1.34- —
1889 Germany	5	(a) M.	(a)	.80- .80- .80
1890 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1890 Kans	244	1 M.	(a)	3.00-3.00-3.00
1890 Mich	282	1 M.	60-60-60	2.50-2.50-2.50
1890 Minn	292	4 M.	(a)	3.25-4.60-3.68
1890 N. Y	190	3 M.	60-60-60	3.25-5.42-3.97
1890 N. Y	333	4 M.	(a)	2.50-3.25-2.94
1890 Br. India	459	(a) (a)	(a)	.39- .39- .39
1891 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1891 Mo	300	4 M.	(a)	2.95-4.34-3.62
1891 N. Y	190	3 M.	60-60-60	3.25-5.84-4.11
1891 N. Y	333	6 M.	(a)	2.50-4.00-3.17
1891 Wis	411	1 M.	(a)	2.50-2.50-2.50
1891 Belgium	457	(a) M.	66-66-66	1.06-1.06-1.06
1891 Br. India	459	(a) (a)	(a)	.34- .34- .34
1891 Italy	638	(a) M.	b 63-63-63	.81-1.35- —
1892 Cal	196	1 M.	56-56-56	5.50-5.50-5.50
1892 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1892 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1892 Iowa	235	11 M.	60-60-60	2.00-2.75-2.55
1892 Mass	20	2 M.	60-60-60	2.75-3.50-3.13
1892 N. Y	190	3 M.	60-60-60	3.00-5.84-4.11
1892 Pa	20	1 M.	60-60-60	4.17-4.17-4.17
1892 Br. India	459	(a) (a)	(a)	.30- .30- .30
1893 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1893 Mass	20	2 M.	60-60-60	2.75-3.50-3.13
1893 Mont	307	1 M.	54-54-54	3.46-3.46-3.46
1893 Pa	20	1 M.	60-60-60	4.17-4.17-4.17
1893 Wis	412	1 M.	(a)	2.50-2.50-2.50
1893 Br. India	459	(a) (a)	(a)	.27- .27- .27
1893 Italy	639	(a) M.	60-60-60	1.35-1.35-1.35
1894 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1894 Mass	20	2 M.	60-60-60	2.25-3.00-2.63
1894 N. Y	8	5 M.	60-60-60	1.75-3.00-2.30
1894 Pa	20	1 M.	60-60-60	3.33-3.33-3.33
1894 Br. India	459	(a) (a)	(a)	.22- .22- .22
1895 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1895 Mass	7	1 M.	60-60-60	2.75-2.75-2.75
1895 Mass	20	2 M.	60-60-60	2.25-2.75-2.50
1895 N. H	7	1 M.	60-60-60	3.00-3.00-3.00
1895 N. Y	8	4 M.	60-60-60	2.00-4.00-2.69
1895 Pa	20	3 M.	60-60-60	3.00-3.33-3.18
1896 Mass	14	6 M.	56-60-57	2.99-3.73-3.26
1896 N. Y	8	1 M.	60-60-60	4.17-4.17-4.17
1896 N. Y	14	11 M.	55-60-59	3.00-3.46-3.12
1896 Pa	14	9 M.	60-60-60	2.75-3.00-2.97
1896 Pa	394	1 M.	60-60-60	3.00-3.00-3.00
1896 W. Va	7	1 M.	55-55-55	3.00-3.00-3.00
1896 Mexico	184	(a) M.	(a)	.75-1.25- —
1898 Pa	18	1 M.	(a)	4.00-4.00-4.00
1898 Denmark	493	(a) M.	60-60-60	1.07-1.79- —
1898 N. Zealand	680	(a) M.	(a)	3.16-3.16-3.16
1899 Pa	18	2 M.	(a)	4.25-4.60-4.43

FOREMEN, BOARDERS, HOSIERY AND KNIT GOODS.

1895	N. H	7	1	M.	60-60-60	1.50-1.50-1.50	1897	N. H	8	2	M.	60-60-60	1.75-1.75-1.75
1895	Pa	8	2	M.	60-60-60	2.67-2.67-2.67							

FOREMEN, BOILER MAKERS.

1844	N. Y	190	1	M.	60-60-60	1.63-1.63-1.63	1855	N. Y	190	1	M.	60-60-60	3.50-3.50-3.50
1845	N. Y	190	1	M.	60-60-60	1.63-1.63-1.63	1856	Conn	190	1	M.	60-60-60	2.50-2.50-2.50
1846	N. Y	190	1	M.	60-60-60	1.88-1.88-1.88	1856	N. Y	190	1	M.	60-60-60	3.50-3.50-3.50
1847	N. Y	190	1	M.	60-60-60	2.25-2.25-2.25	1857	Conn	190	1	M.	60-60-60	2.50-2.50-2.50
1848	N. Y	190	1	M.	60-60-60	2.25-2.25-2.25	1857	N. Y	190	1	M.	60-60-60	3.50-3.50-3.50
1849	N. Y	190	1	M.	60-60-60	2.25-2.25-2.25	1857	Ireland	561	(a)	(a)	(a)	2.03-2.03-2.03
1850	N. Y	190	1	M.	60-60-60	2.50-2.50-2.50	1858	Conn	190	1	M.	60-60-60	2.63-2.63-2.63
1851	N. Y	190	1	M.	60-60-60	2.50-2.50-2.50	1859	Conn	190	2	M.	60-60-60	2.63-2.75-2.69
1852	N. Y	190	1	M.	60-60-60	2.50-2.50-2.50	1860	Conn	190	1	M.	60-60-60	3.00-3.00-3.00
1853	Conn	190	1	M.	60-60-60	2.00-2.00-2.00	1861	Conn	190	1	M.	60-60-60	3.00-3.00-3.00
1854	Conn	190	1	M.	60-60-60	2.25-2.25-2.25	1861	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00
1854	N. Y	190	1	M.	60-60-60	3.00-3.00-3.00	1862	Conn	190	1	M.	60-60-60	3.00-3.00-3.00
1855	Conn	190	1	M.	60-60-60	2.25-2.25-2.25	1862	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00

a Not reported.

b Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BOILER MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 Conn	190	2 M.	60-60-60	3.00-3.50-3.25	1884 Conn	190	2 M.	60-60-60	3.00-3.25-3.13
1863 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50	1884 Mich	278	1 M.	(a)	5.00-5.00-5.00
1864 Conn	190	2 M.	60-60-60	4.00-5.50-4.75	1884 N. J	323	2 M.	60-60-60	2.68-3.50-3.09
1864 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50	1884 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1865 Conn	190	1 M.	60-60-60	6.00-6.00-6.00	1884 Germany	178	(a) M.	60-60-60	.95-1.19- —
1865 N. Y	190	1 M.	60-60-60	3.25-3.25-3.25	1884 Russia	178	(a) M.	(a)	b2.30-2.30-2.30
1866 Conn	190	1 M.	60-60-60	4.00-4.00-4.00	1884 Spain	178	(a) M.	60-60-60	1.69-2.41- —
1866 N. Y	190	2 M.	60-60-60	3.33-3.33-3.33	1885 Conn	190	1 M.	60-60-60	3.25-3.25-3.25
1866 Canada	468	(a) M.	59-59-59	2.75-2.75-2.75	1885 N. J	324	1 M.	60-60-60	4.00-4.00-4.00
1867 Conn	190	1 M.	60-60-60	5.00-5.00-5.00	1885 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1867 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33	1886 Conn	190	2 M.	60-60-60	3.25-3.50-3.38
1868 Conn	190	1 M.	60-60-60	5.00-5.00-5.00	1886 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1868 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1886 Italy	633	(a) M.	60-66 —	.68-2.90- —
1869 Conn	190	2 M.	60-60-60	5.00-5.50-5.25	1887 Conn	190	1 M.	60-60-60	3.50-3.50-3.50
1869 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1887 Md	4	12 M.	(a)	2.50-3.83-2.93
1870 Conn	190	1 M.	60-60-60	5.50-5.50-5.50	1887 Mass	4	1 M.	(a)	3.84-3.84-3.84
1870 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33	1887 Mo	4	3 M.	(a)	3.45-4.41-3.90
1871 Conn	190	1 M.	60-60-60	5.50-5.50-5.50	1887 N. Y	4	1 M.	(a)	3.83-3.83-3.83
1871 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33	1887 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1872 Conn	190	1 M.	60-60-60	5.00-5.00-5.00	1887 Oregon	4	2 M.	(a)	4.60-4.60-4.60
1872 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1887 Pa	4	9 M.	(a)	2.75-3.45-3.20
1873 Conn	190	2 M.	60-60-60	4.00-5.00-4.50	1887 Wis	4	2 M.	(a)	3.45-3.45-3.45
1873 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1888 Conn	190	1 M.	60-60-60	3.50-3.50-3.50
1874 Conn	190	2 M.	60-60-60	3.00-4.00-3.50	1888 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1874 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1888 N. Y	331	3 M.	55-60-58	3.00-5.00-3.83
1875 Conn	190	2 M.	60-60-60	3.25-3.50-3.38	1888 Canada	470	(a) M.	60-60-60	2.70-2.70-2.70
1875 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1889 Conn	190	1 M.	60-60-60	3.50-3.50-3.50
1876 Conn	190	1 M.	60-60-60	3.25-3.25-3.25	1889 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1876 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1889 Canada	471	(a) M.	59-59-59	2.73-2.73-2.73
1877 Conn	190	1 M.	60-60-60	4.00-4.00-4.00	1890 Conn	190	1 M.	60-60-60	4.00-4.00-4.00
1877 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1890 Minn	292	2 M.	(a)	4.00-4.30-4.15
1878 Conn	190	1 M.	60-60-60	4.00-4.00-4.00	1890 N. Y	190	1 M.	60-60-60	3.33-3.33-3.33
1878 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1890 N. Y	333	3 M.	(a)	3.50-5.00-4.17
1879 Conn	190	1 M.	60-60-60	4.00-4.00-4.00	1890 Netherl'ds	666	(a) M.	(a)	c.10- .10- .10
1879 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1891 Conn	190	1 M.	60-60-60	4.00-4.00-4.00
1880 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1891 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13
1881 Conn	190	1 M.	60-60-60	4.00-4.00-4.00	1891 N. Y	333	3 M.	(a)	3.50-4.50-4.06
1881 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1891 France	505	(a) M.	60-77 —	1.40-2.90- —
1882 Conn	190	1 M.	60-60-60	3.00-3.00-3.00	1891 Italy	638	(a) M.	60-60-60	1.35-3.09- —
1882 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1892 Conn	190	1 M.	60-60-60	4.00-4 00-4.00
1882 Italy	633	(a) M.	66-66-66	1.06-1.06-1.06	1892 N. Y	190	1 M.	60-60-60	4.79-4.79-4.79
1883 Conn	190	1 M.	60-60-60	3.00-3.00-3.00	1892 France	505	(a) M.	60-72 —	.77-2.32- —
1883 Mass	273	3 M.	(a)	3.50-5.00-4.03	1893 Italy	639	(a) M.	60-60-60	2.32-3.24- —
1883 N. Y	190	1 M.	60-60-60	4.13-4.13-4.13	1894 Iowa	236	1 M.	60-60-60	3.27-3.27-3.27
1883 Ohio	365	2 M.	60-60-60	3.00-4.17-3.59	1898 Mo	306	5 M.	(a)	3.26-4.79-3.86

FOREMEN, BOILER MEN.

1881 N. H	7	1 M.	65-65-65	1.87-1.87-1.87	1890 Br. India	459	(a)	(a)	(a)	.14- .14- .14
1881 N. C	7	1 M.	(a)	1.42-1.42-1.42	1891 Br. India	459	(a)	(a)	(a)	.11- .11- .11
1883 Br. India	459	(a) (a)	(a)	.09- .09- .09	1892 Br. India	459	(a)	(a)	(a)	.09½-.09½-.09½
1884 Br. India	459	(a) (a)	(a)	.09- .09- .09	1893 Br. India	459	(a)	(a)	(a)	.08½-.08½-.08½
1885 Br. India	459	(a) (a)	(a)	.08½-.08½-.08½	1894 Br. India	459	(a)	(a)	(a)	.08- .08- .08
1886 Br. India	459	(a) (a)	(a)	.09- .09- .09	1895 N. H	7	3 M.	60-60-60	3.75-4.67-4.19	
1887 Br. India	459	(a) (a)	(a)	.11- .11- .11	1895 Br. India	459	(a)	(a)	(a)	.07- .07- .07
1888 Br. India	459	(a) (a)	(a)	.11- .11- .11	1896 N. C	7	1 M.	69-69-69	1.75-1.75-1.75	
1889 Br. India	459	(a) (a)	(a)	.11- .11- .11	1896 Br. India	459	(a)	(a)	(a)	.07½-.07½-.07½

FOREMEN, BOILER SHOPS, RAILROAD.

1885 Mich	279	4 M.	(a)	3.25-3.83-3.51	1893 Mich	285	1 M.	60-60-60	3.83-3.83-3.83	
1887 N. J	4	1 M.	(a)	3.03-3.03-3.03						

a Not reported.
b And lodging.
c Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BOLT AND NUT MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1862 Conn	8	2 M.	60-60-60	3.50-3.50-3.50
1864 Conn	8	1 M.	60-60-60	4.00-4.00-4.00
1874 Pa	380	1 M.	(a)	5.00-5.00-5.00
1879 Ohio	361	5 M.	(a)	3.58-3.58-3.58
1882 Ohio	364	10 (a)	60-60-60	2.78-2.78-2.78
1884 Mich	278	1 M.	(a)	3.85-3.85-3.85
1884 Ohio	366	18 M.	(a)	2.75-5.00-3.41
1890 Mich	282	5 M.	60-60-60	1.50-3.00-2.45
1890 N. Y	333	1 M.	(a)	3.33-3.33-3.33
1890 Ohio	371	7 M.	60-60-60	2.80-2.80-2.80
1891 N. Y	333	2 M.	(a)	3.33-5.00-4.17
1891 Ohio	372	1 M.	60-60-60	5.00-5.00-5.00
1891 France	505	(a) M.	70-70-70	2.12-2.12-2.12
1892 France	505	(a) M.	66-66-66	1.45-1.45-1.45
1895 Conn	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Conn	8	2 M.	60-60-60	3.25-4.00-3.63
1896 Ill	8	1 M.	60-60-60	3.00-3.00-3.00
1897 Pa	8	2 M.	48-48-48	2.75-2.75-2.75

FOREMEN (NOT SPECIFIED), BOOKBINDERY.

1840	N. Y	8	1	M.	60-60-60	2.50-2.50-2.50	1885	La	7	1	M.	60-60-60	3.33-3.33-3.33
1855	Ireland	561	(a)	(a)	(a)	1.22-1.22-1.22	1885	Mass	7	1	M.	59-59-59	8.33-8.33-8.33
1856	Ireland	561	(a)	(a)	(a)	1.34-1.34-1.34	1885	Mo	7	1	M.	59-59-59	3.00-3.00-3.00
1857	N. Y	190	2	M.	60-60-60	1.75-1.75-1.75	1885	N. Y	7	1	M.	(a)	2.83-2.83-2.83
1857	Ireland	563	(a)	M.	58-58-58	1.22-1.58- —	1885	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1858	N. Y	190	1	M.	60-60-60	1.75-1.75-1.75	1885	S. C	7	1	M.	59-59-59	4.33-4.33-4.33
(b)	Ireland	562	(a)	M.	(a)	1.26-1.62- —	1886	Iowa	7	2	M.	60-60-60	2.50-3.33-2.92
1859	N. Y	190	1	M.	60-60-60	1.75-1.75-1.75	1886	Mich	7	2	M.	59-60-60	2.67-2.83-2.75
1860	N. Y	8	2	M.	60-60-60	2.50-2.50-2.50	1886	N. Y	7	1	M.	54-54-54	3.00-3.00-3.00
1860	N. Y	190	2	M.	60-60-60	1.75-1.75-1.75	1886	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1860	Ireland	563	(a)	(a)	58-58-58	1.22-1.58- —	1886	Pa	7	2	M.	59-59-59	3.00-3.00-3.00
1861	N. Y	190	1	M.	60-60-60	1.75-1.75-1.75	1887	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1862	N. Y	190	1	M.	60-60-60	1.75-1.75-1.75	1887	Wis	409	6	M.	(a)	3.04-3.04-3.04
1863	N. Y	190	1	M.	60-60-60	1.75-1.75-1.75	1888	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1864	N. Y	190	1	M.	60-60-60	2.17-2.17-2.17	1888	Canada	470	(a)	M.	55-55-55	3.20-3.20-3.20
1865	N. Y	190	1	M.	60-60-60	2.50-2.50-2.50	1888	Germany	558	(a)	(a)	57-60 —	.95-1.31- —
1866	N. Y	190	1	M.	60-60-60	3.00-3.00-3.00	1889	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1867	N. Y	190	1	M.	60-60-60	3.00-3.00-3.00	1889	Canada	471	(a)	M.	55-55-55	1.92-2.00- —
1868	N. Y	190	1	M.	60-60-60	3.00-3.00-3.00	1890	Ill	19	1	M.	60-60-60	4.17-4.17-4.17
(c)	England	567	(a)	M.	56-56-56	1.34-1.34-1.34	1890	Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1869	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1890	Minn	292	9	M.	(a)	3.25-3.65-3.32
1870	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1890	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1871	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1890	N. Y	333	6	M.	(a)	2.17-4.67-3.36
1872	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1890	Netherl'ds	666	(a)	M.	(a)	.60- .80- —
1873	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1891	Ill	19	1	M.	60-60-60	4.67-4.67-4.67
1874	Ill	185	1	M.	59-59-59	4.00-4.00-4.00	1891	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50
1874	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1891	N. Y	333	6	M.	(a)	2.17-4.67-3.36
1875	Conn	7	1	M.	59-59-59	2.50-2.50-2.50	1891	Ohio	372	1	M.	60-60-60	2.67-2.67-2.67
1875	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1891	France	505	(a)	M.	60-60-60	1.35-2.90- —
1876	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1892	Conn	20	4	M.	60-60-60	3.33-3.50-3.42
1877	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1892	Ill	19	1	M.	59-59-59	4.67-4.67-4.67
1878	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1892	Australia	424	(a)	M.	(a)	2.03-3.65- —
1878	Ohio	360	3	M.	(a)	3.33-3.33-3.33	1892	England	632	(a)	M.	54-54-54	2.03-2.03-2.03
1879	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1892	France	505	(a)	M.	66-66-66	1.16-1.16-1.16
1880	Ky	7	1	M.	60-60-60	2.92-2.92-2.92	1893	Conn	20	14	M.	60-60-60	3.50-3.50-3.50
1880	N. Y	7	1	M.	60-60-60	3.33-3.33-3.33	1893	Ill	19	1	M.	59-59-59	4.67-4.67-4.67
1880	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1894	Conn	20	12	M.	60-60-60	3.50-3.50-3.50
1880	Pa	7	1	M.	60-60-60	3.00-3.00-3.00	1894	Australia	425	(a)	(a)	(a)	2.43-3.65- —
1881	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1895	Conn	7	1	M.	59-59-59	4.17-4.17-4.17
1882	Mo	294	1	M.	60-60-60	4.50-4.50-4.50	1895	Conn	20	10	M.	60-60-60	3.50-3.50-3.50
1882	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1895	Ky	7	1	M.	60-60-60	3.33-3.33-3.33
1883	Mass	273	4	M.	(a)	3.33-5.00-3.96	1895	La	7	1	M.	59-59-59	3.67-3.67-3.67
1883	N. J	322	1	M.	60-60-60	2.50-2.50-2.50	1895	Mass	7	4	M.	41-59-50	2.50-8.33-4.87
1883	N. Y	7	1	M.	59-59-59	3.00-3.00-3.00	1895	Mo	7	1	M.	59-59-59	3.33-3.33-3.33
1883	N. Y	190	1	M.	59-59-59	3.00-3.00-3.00	1895	N. Y	7	5	M.	59-60-59	2.83-4.17-3.63
1884	Mich	278	1	M.	(a)	3.85-3.85-3.85	1895	N. Y	8	1	M.	60-60-60	2.50-2.50-2.50
1884	N. Y	190	1	M.	59-59-59	3.50-3.50-3.50	1895	Pa	8	2	M.	60-60-60	4.00-4.16-4.08
1884	Pa	7	1	M.	59-59-59	3.67-3.67-3.67	1895	S. C	7	1	M.	59-59-59	3.67-3.67-3.67
1884	Tenn	7	1	M.	59-59-59	3.33-3.33-3.33	1895	Tenn	7	1	M.	59-59-59	3.75-3.75-3.75
1884	W. Va	7	1	M.	59-59-59	2.50-2.50-2.50	1895	Australia	426	(a)	(a)	(a)	2.43-3.65- —
1884	Aust-Hun	178	(a)	M.	60-60-60	.80-1.33- —	1896	Ga	7	2	M.	54-60-57	3.00-3.33-3.17
1884	England	178	(a)	M.	55-55-55	2.43-3.24- —	1896	Iowa	7	3	M.	59-60-60	3.00-3.33-3.11
1884	Germany	178	(a)	M.	72-72-72	.83- .83- .83	1896	Ky	7	1	M.	59-59-59	2.83-2.83-2.83
1884	Switzerl'd	178	(a)	M.	d66-66-66	.68-1.45- —	1896	Mich	7	2	M.	56-59-58	2.67-2.83-2.75
1885	Ga	7	1	M.	60-60-60	3.67-3.67-3.67	1896	N. Y	7	2	M.	54-57-56	3.17-3.83-3.50

a Not reported.
b Average for 1856–58.
c Average for 1867–68.
d Applies to but 2 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), BOOKBINDERY—Concluded.

Year	Country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1896	N. Y	8	7 M.	48-60-58	2.50-10.00-5.23
1896	Ohio	7	1 M.	59-59-59	3.50-3.50-3.50
1896	Pa	7	4 M.	59-60-59	2.25-4.17-3.02
1896	W. Va	7	1 M.	60-60-60	3.00-3.00-3.00
1896	Australia	427	(a) (a)	(a)	2.43-3.65- —
1897	Australia	428	(a) (a)	(a)	1.62-4.06- —
1898	Australia	429	(a) (a)	(a)	1.62-4.06- —
1898	Denmark	493	(a) M.	(a)	.94-1.34- —

FOREMEN, BOOM HANDS, LUMBER.

Year	Country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Mich	278	2 M.	(a)	2.00-2.50-2.25
1891	Wis	411	3 M.	(a)	2.50-2.75-2.58
1893	Wis	412	3 M.	(a)	2.50-2.75-2.58

FOREMEN (NOT SPECIFIED), BOOTS AND SHOES.

Year	Country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
(b)	England	567	(a) M.	57-57-57	1.42-1.42-1.42
1871	England	569	(a) M.	57-57-57	1.42-1.42-1.42
1872	England	185	(a) M.	54-57 —	1.21-1.61- —
1877	Ohio	359	6 M.	(a)	2.00-5.00-3.42
1879	Pa	7	4 M.	57-57-57	2.50-4.27-3.57
1879	Pa	384	8 M.	60-60-60	1.75-1.83-1.79
1881	Mass	7	5 M.	60-60-60	2.50-3.25-2.91
1881	N. J	320	1 M.	60-60-60	1.92-1.92-1.92
1882	Ohio	364	14 (a)	57-60-59	2.50-4.00-3.13
1883	England	572	(a) M.	54-54-54	1.14-2.43- —
1884	N. J	323	1 M.	63-63-63	3.00-3.00-3.00
1884	Ohio	366	41 M.	(a)	2.50-5.00-3.56
1884	Aust-Hun	178	(a) M.	60-60-60	.80-1.20- —
1884	Germany	178	(a) M.	(a)	1.19-1.43- —
1885	Cal	1	6 M.	60-60-60	5.00-5.00-5.00
1885	Conn	7	1 M.	60-60-60	2.50-2.50-2.50
1885	Me	7	7 M.	c60-60-60	2.50-3.00-2.76
1885	Md	1	8 M.	60-60-60	2.50-5.00-3.12
1885	Mass	1	13 M.	60-60-60	2.25-3.67-3.04
1885	Mass	7	16 M.	d59-60-59	2.00-6.95-3.23
1885	Mo	7	1 M.	59-59-59	2.50-2.50-2.50
1885	N. J	7	1 M.	55-55-55	1.83-1.83-1.83
1885	N. Y	1	70 M.	60-60-60	1.75-3.00-2.43
1885	N. Y	7	1 M.	59-59-59	3.00-3.00-3.00
1885	Ohio	1	3 M.	60-60-60	3.00-3.00-3.00
1885	Canada	467	(a) M.	60-60-60	1.75-1.75-1.75
1885	Germany	547	(a) M.	(a)	.40-1.19- —
1886	N. J	325	1 M.	60-60-60	3.00-3.00-3.00
1886	N. Y	7	9 M.	56-60-59	3.00-4.17-3.54
1886	Germany	184	(a) M.	(a)	.95- .95- .95
1887	Wis	409	26 M.	(a)	3.03-3.03-3.03
1887	Germany	557	(a) (a)	60-60-60	.83-1.19- —
1888	N. Y	331	7 M.	e59-59-59	1.34-3.33-2.07
1888	Canada	470	(a) M.	57-57-57	2.83-2.83-2.83
1888	Germany	558	(a) (a)	f60-60-60	.60-1.31- —
1890	Kans	244	1 M.	(a)	2.50-2.50-2.50
1890	N. Y	333	24 M.	(a)	2.50-4.17-3.57
1890	Ohio	371	1 (a)	60-60-60	4.00-4.00-4.00
1890	Australia	423	(a) (a)	50-50-50	2.43-2.84- —
1890	Netherl'ds	666	(a) M.	(a)	.44- .60- —
1891	N. Y	333	26 M.	(a)	2.50-4.17-3.58
1891	France	505	(a) M.	60-72 —	.58-2.27- —
1892	Cal	196	4 M.	d60-60-60	3.83-4.50-4.08
1892	Australia	424	(a) M.	(a)	1.82-5.68- —
1892	France	505	(a) M.	g57-75 —	.48-2.90- —
1892	France	505	(a) M.	f69-69-69	h1.16-1.16-1.16
1892	Germany	184	(a) M.	(a)	1.19-1.19-1.19
1893	Ill	10	1 M.	60-60-60	2.50-2.50-2.50
1894	Iowa	236	1 M.	36-36-36	4.00-4.00-4.00
1894	Me	260	1 M.	60-60-60	3.50-3.50-3.50
1894	N. H	316	3 M.	35-60-51	2.83-3.33-3.06
1894	N. Y	8	14 M.	60-60-60	1.67-5.83-3.44
1894	Australia	425	(a) (a)	(a)	2.03-2.84- —
1894	Spain	632	(a) (a)	(a)	.39- .68- —
1895	Conn	7	1 M.	60-60-60	2.50-2.50-2.50
1895	Me	7	9 M.	60-60-60	2.25-3.00-2.69
1895	Mass	7	28 M.	55-60-58	2.00-5.00-3.38
1895	Mass	8	72 M.	i59-60-60	1.68-5.11-3.29
1895	Mo	7	1 M.	59-60-60	2.67-2.67-2.67
1895	Mo	304	12 M.	(a)	1.83-4.66-3.56
1895	N. J	7	1 M.	55-55-55	1.83-1.83-1.83
1895	N. Y	7	3 M.	50-59-56	2.00-3.33-2.78
1895	N. Y	8	4 M.	60-60-60	3.50-4.17-4.00
1895	N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1895	Ohio	376	6 M.	e60-60-60	1.25-2.50-1.58
1895	Australia	426	(a) (a)	(a)	2.03-2.84- —
1896	Mass	8	2 M.	60-60-60	3.33-3.83-3.58
1896	N. Y	7	10 M.	56-60-59	2.00-5.00-4.00
1896	Pa	7	4 M.	59-60-59	2.17-2.50-2.33
1896	Australia	427	(a) (a)	(a)	2.03-2.84- —
1896	Canada	482	(a) (a)	(a)	4.67-4.67-4.67
1897	Australia	428	(a) (a)	(a)	1.62-3.45- —
1898	Mo	306	71 M.	(a)	1.92-5.37-3.75
1899	Australia	429	(a) (a)	(a)	1.62-3.45- —

FOREMEN, BOTTLERS.

Year	Country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1882	Ohio	364	5 M.	60-75-63	1.50-3.33-2.49
1885	N. Y	7	1 M.	59-59-59	2.67-2.67-2.67
1888	N. Y	331	4 M.	60-70-63	2.33-2.50-2.46
1890	N. Y	333	3 M.	(a)	1.67-3.33-2.25
1891	Mo	300	1 M.	(a)	4.62-4.62-4.62
1891	N. Y	333	4 M.	(a)	1.67-3.33-2.19
1891	France	505	(a) M.	(a)	1.25-1.69- —
1892	Cal	196	1 M.	63-63-63	3.33-3.33-3.33
1892	Australia	424	(a) M.	(a)	1.62-4.06- —
1894	Australia	425	(a) (a)	(a)	2.03-4.06- —
1895	N. Y	7	1 M.	59-59-59	2.67-2.67-2.67
1895	Ohio	376	1 M.	60-60-60	2.30-2.30-2.30
1895	Australia	426	(a) (a)	(a)	2.03-4.06- —
1896	Ohio	377	5 M.	60-60-60	1.12-2.30-1.36
1896	Australia	427	(a) (a)	(a)	2.03-4.06- —
1897	Australia	428	(a) (a)	(a)	1.62-4.06- —
1898	Australia	429	(a) (a)	(a)	1.62-4.87- —

a Not reported.
b Average for 1867–68.
c Not including hours of 2 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 5 persons not reported.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 42 of the 44 wage quotations.
h And *gratifications*.
i Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BOX MAKERS, CIGAR.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Mo	7	1 M.	(a)	2.00-2.00-2.00
1882 Ohio	7	1 M.	60-60-60	1.83-1.83-1.83
1885 Ky	7	1 M.	(a)	1.75-1.75-1.75
1885 Mich	7	1 M.	60-60-60	2.50-2.50-2.50
1885 N. J	7	1 M.	60-60-60	2.33-2.33-2.33
1885 N. Y	7	1 M.	58-58-58	2.50-2.50-2.50
1885 Ohio	7	1 M.	(a)	2.00-2.00-2.00
1885 Wis	7	2 M.	60-60-60	1.75-2.00-1.88
1886 Mich	7	1 M.	60-60-60	3.00-3.00-3.00
1887 Wis	409	1 M.	(a)	2.00-2.00-2.00
1888 N. Y	331	2 M.	(a)	2.50-2.50-2.50
1890 N. Y	333	1 M.	(a)	4.17-4.17-4.17
1890 Ohio	371	1 M.	57-57-57	2.00-2.00-2.00
1891 N. Y	333	7 M.	(a)	2.33-4.17-2.98
1894 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1895 Mo	7	1 M.	60-60-60	2.17-2.17-2.17
1895 N. J	7	1 M.	50-50-50	2.33-2.33-2.33
1895 N. Y	8	5 M.	60-60-60	1.25-3.00-1.95
1895 Pa	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Ky	7	1 M.	60-60-60	2.00-2.00-2.00
1896 Mich	7	2 M.	48-54-51	2.50-3.00-2.75
1896 N. Y	7	1 M.	58-58-58	2.67-2.67-2.67
1896 Ohio	7	3 M.	48-60-52	1.83-2.00-1.94
1896 Pa	7	1 M.	58-58-58	2.00-2.00-2.00
1896 Wis	7	2 M.	48-48-48	1.75-2.25-2.00

FOREMEN, BOX MAKERS, PAPER.

1858	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1890	N. Y	333	9	M.	(a)	2.25-3.37-3.04
1858	Pa	8	1	M.	60-60-60	3.00-3.00-3.00	1891	N. Y	333	12	M.	(a)	1.50-3.67-2.87
1860	Pa	8	1	M.	60-60-60	2.00-2.00-2.00	1891	Ohio	372	5	M.	60-60-60	2.50-5.00-4.50
1867	N. Y	8	1	M.	60-60-60	2.50-2.50-2.50	1894	N. Y	8	3	M.	60-60-60	2.50-3.00-2.83
1874	Mass	7	1	M.	60-60-60	4.17-4.17-4.17	1895	Conn	7	1	M.	60-60-60	3.25-3.25-3.25
1880	Ga	7	1	M.	60-60-60	3.00-3.00-3.00	1895	Ga	7	1	M.	60-60-60	3.33-3.33-3.33
1880	Ky	7	1	M.	60-60-60	2.92-2.92-2.92	1895	Ky	7	1	M.	60-60-60	3.33-3.33-3.33
1880	Md	7	1	M.	(a)	2.50-2.50-2.50	1895	La	7	1	M.	60-60-60	2.50-2.50-2.50
1880	N. Y	7	1	M.	56-56-56	4.17-4.17-4.17	1895	Me	7	1	M.	60-60-60	2.75-2.75-2.75
1882	Conn	7	1	M.	(a)	3.33-3.33-3.33	1895	Md	7	2	M.	60-60-60	2.67-2.67-2.67
1882	Mo	7	1	M.	(a)	2.00-2.00-2.00	1895	Mass	7	2	M.	58-58-58	3.85-4.17-4.01
1882	Ohio	364	6	M.	54-60-58	1.75-3.00-2.29	1895	Mo	7	1	M.	54-54-54	2.50-2.50-2.50
1884	Mich	278	1	M.	(a)	2.50-2.50-2.50	1895	N. H	7	1	M.	60-60-60	1.50-1.50-1.50
1884	Ohio	366	18	M.	(a)	1.67-3.50-2.50	1895	N. J	7	3	M.	48-59-54	2.50-4.58-3.58
1885	Del	7	1	M.	(a)	1.50-1.50-1.50	1895	N. Y	7	5	M.	52-60-58	1.50-3.33-2.43
1885	Ill	7	4	M.	(a)	2.67-5.00-3.50	1895	N. Y	8	8	M.	60-60-60	2.50-4.17-3.21
1885	La	7	1	M.	(a)	2.00-2.00-2.00	1895	N. C	7	1	M.	60-60-60	2.00-2.00-2.00
1885	Md	7	1	M.	60-60-60	3.33-3.33-3.33	1896	Conn	8	1	M.	60-60-60	2.50-2.50-2.50
1885	N. H	7	1	M.	(a)	1.50-1.50-1.50	1896	Del	7	1	M.	54-54-54	1.67-1.67-1.67
1885	N. J	7	2	M.	b59-59-59	3.00-3.33-3.17	1896	Ga	7	1	M.	54-54-54	3.00-3.00-3.00
1885	N. Y	7	3	M.	59-60-59	1.67-3.33-2.61	1896	Ill	7	3	M.	54-54-54	3.00-3.50-3.33
1885	Ohio	7	2	M.	59-59-59	3.00-3.33-3.17	1896	Md	7	1	M.	60-60-60	3.33-3.33-3.33
1885	Va	1	2	M.	60-60-60	2.00-2.00-2.00	1896	Mich	7	2	M.	48-60-54	2.75-3.17-2.96
1886	Mich	7	2	M.	60-60-60	2.50-2.50-2.50	1896	Minn	7	1	M.	54-54-54	2.67-2.67-2.67
1887	Conn	202	1	M.	(a)	3.00-3.00-3.00	1896	Ohio	7	1	M.	54-54-54	3.00-3.00-3.00
1888	N. Y	331	11	M.	c48-59-54	1.33-4.17-2.73	1896	Pa	8	1	M.	60-60-60	3.00-3.00-3.00
1888	Canada	470	(a)	M.	56-56-56	2.57-2.57-2.57							

FOREMEN, BOX MAKERS, WOOD.

1850	N. Y	8	1	M.	72-72-72	2.00-2.00-2.00	1894	N. H	316	1	M.	60-60-60	2.00-2.00-2.00
1860	N. J	8	2	M.	72-72-72	2.00-2.00-2.00	1894	Australia	425	(a)	(a)	(a)	2.43-2.43-2.43
1880	Pa	7	1	M.	(a)	2.17-2.17-2.17	1895	Mo	304	1	M.	(a)	4.17-4.17-4.17
1885	Va	1	1	M.	60-60-60	3.50-3.50-3.50	1895	N. J	8	4	M.	59-60-60	3.00-3.33-3.17
1886	Mich	7	1	M.	60-60-60	2.50-2.50-2.50	1895	N. Y	8	4	M.	60-60-60	2.25-3.50-3.07
1888	N. Y	331	5	M.	c65-65-65	2.00-3.50-2.90	1895	Australia	426	(a)	(a)	(a)	2.43-2.43-2.43
1890	N. Y	6	1	M.	60-60-60	3.33-3.33-3.33	1896	Mich	7	1	M.	60-60-60	2.50-2.50-2.50
1890	N. Y	333	20	M.	(a)	2.00-4.00-2.88	1896	Pa	7	1	M.	60-60-60	2.67-2.67-2.67
1890	Ohio	6	1	M.	60-60-60	3.00-3.00-3.00	1896	Australia	427	(a)	(a)	(a)	2.43-2.43-2.43
1891	N. Y	333	17	M.	(a)	1.50-4.00-2.54	1897	N. Y	8	2	M.	60-60-60	3.50-3.50-3.50
1891	France	505	(a)	M.	72-72-72	1.78-1.78-1.78	1897	N. C	8	1	M.	60-60-60	1.50-1.50-1.50
1892	France	505	(a)	M.	63-72 —	.97-1.28- —	1897	Australia	428	(a)	(a)	(a)	2.03-2.43- —
1894	Ind	228	1	M.	60-60-60	2.00-2.00-2.00	1898	Australia	429	(a)	(a)	(a)	2.03-2.43- —

FOREMEN (NOT SPECIFIED), BRAID AND EMBROIDERY.

1885	Mass	7	1	M.	60-60-60	3.21-3.21-3.21	1891	N. Y	333	34	M.	(a)	2.00-5.83-3.40
1885	N. Y	7	3	M.	56-56-56	2.50-3.33-2.78	1891	France	505	(a)	M.	66-66-66	2.51-2.51-2.51
1887	Germany	557	(a)	(a)	60-60-60	1.07-1.19- —	1892	France	505	(a)	M.	d60-77 —	.80-1.74- —
1888	Germany	558	(a)	(a)	60-60-60	1.14-1.73- —	1895	Mass	7	2	M.	58-58-58	2.50-3.21-2.86
1889	Germany	550	(a)	M.	60-60-60	1.19-1.82- —	1895	N. Y	7	3	M.	56-56-56	2.08-2.67-2.42
1890	N. Y	333	30	M.	(a)	1.67-5.83-3.27	1896	France	505	(a)	M.	60-60-60	1.61-1.93- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Applies to but 4 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, BRAIDERS, BRAID AND EMBROIDERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mass	7	2 M.	60-60-60	2.38-2.50-2.44	1891 N. Y	333	2 M.	(a)	2.17-2.33-2.25
1885 Ohio	7	1 M.	60-60-60	3.00-3.00-3.00	1895 Mass	7	2 M.	58-58-58	2.00-2.75-2.38
1890 N. Y	333	1 M.	(a)	2.33-2.33-2.33	1896 Ohio	7	1 M.	60-60-60	3.00-3.00-3.00

FOREMEN (NOT SPECIFIED), BRASS AND COPPER GOODS.

1861	England	564	(a)	M.	60-60-60	1.30-1.62- —	1888	N. Y	331	3 M.	55-59-56	3.45-5.00-3.98
1876	Pa	381	1	M.	(a)	3.66-3.66-3.66	1888	Germany	558	(a) (a)	57-66 —	.83-2.73- —
1879	Ohio	361	9	M.	(a)	2.74-2.74-2.74	1889	Germany	550	(a) M.	(a)	.95-1.43- —
1884	N. J	323	1	M.	60-60-60	3.00-3.00-3.00	1890	Mich	282	6 M.	60-60-60	1.65-3.83-2.69
1884	Ohio	366	20	M.	(a)	2.00-4.67-3.33	1890	N. Y	333	2 M.	(a)	3.67-4.17-3.92
1884	England	178	(a)	M.	53-54 —	1.44-2.50- —	1891	N. Y	333	18 M.	(a)	2.68-5.00-3.93
1885	Mass	1	1	M.	(a)	3.20-3.20-3.20	1891	Ohio	372	3 M.	60-60-60	3.50-4.17-3.72
1885	N. Y	1	4	M.	60-60-60	3.00-4.78-3.70	1891	France	505	(a) M.	b 60-77 —	1.35-3.86- —
1885	Germany	547	(a)	(a)	(a)	.95-1.19- —	1891	Germany	184	(a) M.	(a)	1.19-1.98- —
1885	Gr't Brit	1	(a)	M.	60-60-60	2.00-2.60- —	1892	France	505	(a) M.	60-72 —	.58-1.54- —
1886	Germany	184	(a)	M.	(a)	1.19-1.98- —	1892	France	505	(a) M.	60-60-60	c .77-1.93- —
1886	Germany	548	(a)	(a)	(a)	1.43-2.51- —	1892	Germany	184	(a) M.	(a)	1.59-1.98- —
1887	Conn	202	25	M.	(a)	2.87-4.00-2.93	1894	France	129	(a) M.	60-60-60	1.25-3.86- —
1887	Germany	557	(a)	(a)	57-66 —	.83-2.73- —	1896	Ohio	377	3 M.	60-60-60	3.00-3.00-3.00

FOREMEN, BRASS MOLDERS.

1884	England	178	(a)	M.	54-54-54	1.50-2.50- —	1887	Mo	4	1 M.	(a)	2.90-2.90-2.90
1885	Gr't Brit	1	(a)	M.	60-60-60	3.33-3.33-3.33	1887	Pa	4	1 M.	(a)	2.63-2.63-2.63

FOREMEN, BRASS WORKERS.

1884	Italy	46	(a)	M.	(a)	.81- .81- .81	1892	France	505	(a) M.	66-66-66	.77-1.27- —
1886	Germany	548	(a)	(a)	(a)	.90-1.32- —	1893	Pa	20	1 M.	60-60-60	6.94-6.94-6.94
1891	N. Y	333	2	M.	(a)	3.17-5.00-4.09	1894	Pa	20	1 M.	60-60-60	6.25-6.25-6.25
1892	Pa	20	1	M.	60-60-60	6.94-6.94-6.94	1895	Pa	20	1 M.	60-60-60	6.25-6.25-6.25

FOREMEN (NOT SPECIFIED), BREWERY.

1857	Ireland	561	(a)	(a)	(a)	2.01-2.01-2.01	1886	Germany	548	(a) (a)	(a)	.91-1.19- —
(d)	Ireland	562	(a)	M.	(a)	2.01-2.01-2.01	1886	Germany	548	(a) (a)	(a)	e 1.03-1.03-1.03
1871	Netherl'ds	611	(a)	M.	(a)	2.33-2.33-2.33	1887	Ohio	369	1 M.	60-60-60	5.00-5.00-5.00
1871	Netherl'ds	611	(a)	M.	(a)	e 1.32-1.32-1.32	1887	Wis	409	50 M.	(a)	2.74-2.74-2.74
1872	Netherl'ds	185	(a)	M.	(a)	e 1.31-2.32- —	1887	Germany	557	(a) (a)	h 60-66 —	.99-3.81- —
1873	Sweden	167	(a)	M.	(a)	f 1.07-1.07-1.07	1888	N. Y	331	16 M.	i 60-72-62	1.60-15.97-3.99
1879	Germany	545	(a)	M.	(a)	1.64-1.64-1.64	1888	Germany	558	(a) (a)	j 60-78 —	1.00-3.81- —
1882	Ohio	364	27	(a)	(g)	1.50-20.00-5.24	1889	Canada	471	(a) M.	65-65-65	1.82-1.82-1.82
1883	Mass	273	2	M.	(a)	3.33-3.33-3.33	1889	Germany	550	(a) M.	72-72-72	.25- .25- .25
1884	Mich	278	1	M.	(a)	4.00-4.00-4.00	1889	Germany	550	(a) M.	(a)	e 1.46-1.46-1.46
1884	Ohio	366	67	M.	(a)	1.50-25.83-5.63	1890	Minn	292	7 M.	(a)	3.60-4.15-3.86
1884	Aust-Hun	178	(a)	M.	72-72-72	e .53- .80- —	1890	N. Y	333	26 M.	(a)	2.00-19.17-6.04
1884	England	178	(a)	M.	(a)	1.02-1.34- —	1890	Ohio	371	42 (a)	k 54-72-64	1.30-10.00-3.81
1884	Germany	178	(a)	M.	60-60-60	e 2.67-3.04- —	1891	Mo	300	6 M.	(a)	2.53-10.67-5.53
1884	Switzerl'd	178	(a)	M.	(a)	1.29-1.92- —	1891	N. Y	333	21 M.	(a)	2.10-19.17-6.08
1885	Ill	1	3	M.	72-72-72	4.00-6.00-5.00	1891	Ohio	372	14 M.	k 60-60-60	2.00-10.00-4.44
1885	Ohio	1	1	M.	72-72-72	2.00-2.00-2.00	1891	France	505	(a) M.	(a)	2.07-2.12- —
1885	Pa	1	1	M.	60-60-60	3.00-3.00-3.00	1892	Cal	196	6 M.	i 60-60-60	3.83-11.50-7.83
1885	Germany	547	(a)	M.	(a)	.88- .93- —	1892	N. Y	20	1 M.	60-60-60	2.31-2.31-2.31

a Not reported.
b Applies to but 5 of the 7 wage quotations
c And *gratifications*.
d Average for 1857-58.
e And lodging.
f And room and light.
g 60-112-77 hours; not including hours of 2 persons not reported.
h Applies to but 4 of the 7 wage quotations.
i Not including hours of 2 persons not reported.
j Applies to but 6 of the 7 wage quotations.
k Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), BREWERY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Algeria ...	505	(a)	M.	74-74-74	b1.25-1 93- —	1894 Australia..	425	(a)	(a)	(a)	2.13-3.24- —
1892 Australia..	424	(a)	M.	(a)	1.82-4.06- —	1895 N. Y.....	20	1	M.	60-60-60	2.31-2.31-2.31
1892 France....	505	(a)	M.	c63-88 —	.77-2.90- —	1895 Australia .	426	(a)	(a)	(a)	2.13-3.24- —
1892 France....	505	(a)	M.	70-72 —	b1.13-2.32- —	1896 Ohio	377	2	M.	60-72-66	3.02-3.33-3.18
1892 France....	505	(a)	M.	77-77-77	c2.11-2.11-2.11	1896 Australia .	427	(a)	(a)	(a)	2.13-3.24- —
1892 France....	505	(a)	M.	84-84-84	c1.93-1.93-1.93	1896 Canada ...	482	(a)	(a)	(a)	3.00-3.33- —
1892 Ireland ...	632	(a)	M.	53-53-53	1.62-1.62-1.62	1897 Australia .	428	(a)	(a)	(a)	2.03-3.24- —
1893 N. Y.....	20	1	M.	60-60-60	2.31-2.31-2.31	1898 Mo.....	306	49	M.	(a)	2.49-12.84-7.61
1893 Ohio	374	2	M.	60-60-60	3.00-5.00-4.00	1898 Australia .	429	(a)	(a)	(a)	2.03-4.06- —
1893 Aust-Hun.	448	(a)	M.	66-66-66	.54- 78- —	1898 Denmark .	493	(a)	M.	(a)	.86-2.14- —
1894 N. Y.....	20	1	M.	60-60-60	2.31- 31-2.31						

FOREMEN, BRICKLAYERS.

1859 Mass	190	1	M.	60-60-60	2.50-2.50-2.50	1885 Mass	190	1	M.	60-60-60	5.00-5.00-5.00
1860 Mass	190	1	M.	60-60-60	2.50-2.50-2.50	1886 Kans.....	240	3	M.	60-60-60	5.00-5.00-5.00
1861 Mass	190	1	M.	60-60-60	2.50-2.50-2.50	1886 Mass	190	1	M.	60-60-60	5.00-5.00-5.00
1862 Mass	190	1	M.	60-60-60	2.50-2.50-2.50	1887 Md.....	4	4	M.	(a)	3.25-4.50-3.63
1863 Mass	190	2	M.	60-60-60	2.75-2.75-2.75	1887 Mass	190	1	M.	60-60-60	4.75-4.75-4.75
1864 Mass	190	1	M.	60-60-60	3.00-3.00-3.00	1887 Pa	4	1	M.	(a)	f.35- .35- .35
1866 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1888 Mass	190	1	M.	60-60-60	5.00-5.00-5.00
1867 Mass	190	1	M.	60-60-60	4.50-4.50-4.50	1888 Canada ...	470	(a)	M.	53-53-53	3.42-3.42-3.42
1868 Mass	190	1	M.	60-60-60	4.50-4.50-4.50	1889 Ill.....	5	1	M.	60-60-60	4.31-4.31-4.31
1869 Mass	190	1	M.	60-60-60	4.50-4.50-4.50	1889 Mass	190	1	M.	60-60-60	5.00-5.00-5.00
1870 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1889 Canada ...	471	(a)	M.	50-50-50	3.26-3.26-3.26
1870 Germany .	610	(a)	M.	72-72-72	.73- .73- .73	1890 Kans.....	244	3	M.	(a)	5.00-5.50-5.17
1870 Portugal ..	610	(a)	M.	(a)	.30- .55- —	1890 Mass	190	1	M.	60-60-60	4.50-4.50-4.50
1871 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1890 Minn	292	13	M.	(a)	5.00-6.00-5.15
1871 Italy	611	(a)	M.	(a)	.51- .51- .51	1891 Mass	190	1	M.	60-60-60	4.50-4.50-4.50
1872 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1892 Cal.....	196	3	M.	54-54-54	7.00-7.00-7.00
1873 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1892 Ohio	20	1	M.	60-60-60	4.00-4.00-4.00
1874 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1892 Australia .	424	(a)	M.	(a)	2.92-2.92-2.92
1875 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1893 N. Y.....	10	1	M.	48-48-48	4.00-4.00-4.00
1876 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1893 Ohio	20	1	M.	60-60-60	4.00-4.00-4.00
1877 Mass	190	1	M.	60-60-60	4.75-4.75-4.75	1894 Ohio	20	1	M.	60-60-60	3.75-3.75-3.75
1878 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1894 Australia .	425	(a)	(a)	(a)	3.24-3.24-3.24
1879 Mass	190	1	M.	60-60-60	3.50-3.50-3.50	1895 Ohio	20	2	M.	60-60-60	3.75-3.75-3.75
1880 Mass	190	1	M.	60-60-60	3.50-3.50-3.50	1895 Australia .	426	(a)	(a)	(a)	3.24-3.24-3.24
1881 Mass	190	1	M.	60-60-60	3.50-3.50-3.50	1896 Mass	14	29	M.	48-60-48	3.60-5.00-4.37
1882 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1896 Pa	14	14	M.	50-60-51	4.50-5.25-4.98
1883 Mass	190	1	M.	60-60-60	5.00-5.00-5.00	1896 Australia .	427	(a)	(a)	(a)	2.43-2.92- —
1884 Mass	190	1	M.	60-60-60	5.00-5.00-5.00						

FOREMEN, BRICKMAKERS.

1868 Germany .	610	(a)	M.	72-72-72	.49- .49- .49	1890 N. Y.....	333	53	M.	(a)	1.00-8.00-3.95
1870 Germany .	610	(a)	M.	60-60-60	.71- .71- .71	1890 Netherl'ds	666	(a)	M.	(a)	h.34- .51- —
1870 Norway ...	610	(a)	M.	(a)	.72-1.08- —	1891 Me.....	257	1	M.	60-60-60	2.50-2.50-2.50
1871 Norway ...	185	(a)	M.	(a)	.72-1.08- —	1891 N. Y.....	333	51	M.	(a)	1.00-8.00-3.97
1884 Iowa	231	1	M.	84-84-84	3.00-3.00-3.00	1891 Ohio	372	6	M.	54-60-59	1.75-5.50-2.67
1884 Mich	278	1	M.	(a)	2.49-2.49-2.49	1892 Australia .	424	(a)	M.	(a)	1.82-3.24- —
1884 Germany .	178	(a)	M.	(a)	.65- .65- .65	1893 Ohio	374	1	M.	72-72-72	2.00-2.00-2.00
1885 Del.....	1	1	M.	60-60-60	3.33-3.33-3.33	1894 C. of G'd H.	487	(a)	M.	(a)	1.95-1.95-1.95
1885 N. H	1	1	M.	60-60-60	5.69-5.69-5.69	1894 France....	129	(a)	M.	60-60-60	1.16-1.93- —
1887 Wis	409	7	M.	(a)	2.45-2.45-2.45	1895 Mass	8	4	M.	54-60-59	2.50-4.00-3.38
1888 N. Y.....	331	14	M.	g59-66-63	2.56-4.00-3.16	1896 Pa	8	2	M.	54-54-54	2,50-2.50-2.50
1888 Canada ...	470	(a)	M.	64-64-64	2.45-2.45-2.45						

a Not reported.
b And lodging.
c Applies to but 17 of the 19 wage quotations.
d And lodging, fuel, and light.
e And *gratifications*.
f Per hour.
g Not including hours of 5 persons not reported.
h And lodging and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), BRICK, TILE, AND SEWER PIPE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1860	Mass	8	1 M.	72-72-72	6.00-6.00-6.00
1877	Ohio	359	3 M.	(a)	1.83-5.00-2.94
1879	Ohio	361	24 M.	(a)	2.56-2.56-2.56
1879	Pa	384	1 M.	60-60-60	2.25-2.25-2.25
1881	France	501	(a) M.	(a)	.74-1.26- —
1882	Ohio	364	18 (a)	b60-60-60	1.50-2.89-2.01
1882	France	502	(a) M.	(a)	.75-1.33- —
1883	France	503	(a) M.	(a)	.90-1.35- —
1884	Iowa	231	56 M.	63-63-63	1.73-1.73-1.73
1884	Mich	278	5 M.	(a)	1.25-2.75-2.40
1884	England	178	(a) M.	(a)	1.62-1.62-1.62
1884	France	504	(a) M.	(a)	.76-1.09- —
1884	Italy	178	(a) M.	(a)	.29- .77- —
1885	France	503	(a) M.	(a)	.76- .76- .76
1886	Germany	548	(a) (a)	(a)	.91- .91- .91
1890	N. Y	333	6 M.	(a)	1.75-4.17-2.99
1890	Ohio	371	11 (a)	60-60-60	1.50-3.00-2.43
1890	Netherl'ds	666	(a) M.	(a)	.87- .87- .87
1891	N. Y	333	6 M.	(a)	1.75-4.17-2.99
1891	Ohio	372	2 M.	60-60-60	1.50-2.25-1.88
1891	France	505	(a) M.	60-60-60	1.69-1.74- —
1891	France	505	(a) M.	66-66-66	c1.16-1.93- —
1891	France	522	(a) (a)	(a)	.75-1.35- —
1892	Algeria	505	(a) M.	57-57-57	.97- .97- .97
1892	France	505	(a) M.	51-84 —	.53-2.03- —
1892	France	505	(a) M.	60-66 —	d.87-1.62- —
1892	France	505	(a) M.	57-66 —	e.80-2.12- —
1892	France	505	(a) M.	72-72-72	f.97- .97- 97
1892	France	505	(a) M.	60-66 —	c1.16-2.23- —
1893	Ohio	374	1 M.	60-60-60	3.00-3.00-3.00
1894	Ind	228	3 M.	48-48-48	1.74-1.74-1.74
1894	Ohio	375	70 M.	60-60-60	2.25-5.00-2.33
1894	Australia	425	(a) (a)	(a)	1.95-3.24- —
1895	Mo	304	5 M.	(a)	2.00-4.32-3.14
1895	Australia	426	(a) (a)	(a)	1.95-3.24- —
1896	Australia	427	(a) (a)	(a)	1.95-3.24- —
1897	Australia	428	(a) (a)	(a)	1.95-3.24- —
1898	Mo	306	16 M.	(a)	1.92-11.19-4.05
1898	Australia	429	(a) (a)	(a)	1.95-4.06- —
1898	Denmark	493	(a) M.	(a)	1.07-1.34- —
1899	N. C	353	1 M.	60-60-60	.85- .85- .85

FOREMEN, BRIDGE BUILDERS.

1875	Pa	380	1	M.	(a)	3.84-3.84-3.84	1887	Wis	4	14	M.	(a)	2.25-3.26-2.75
1876	Pa	381	2	M.	(a)	4.50-4.50-4.50	1888	N. Y	331	1	M.	60-60-60	2.75-2.75-2.75
1877	Ohio	359	4	M.	(a)	4.17-4.17-4.17	1888	Germany	558	(a)	(a)	57-60 —	2.05-2.05-2.05
1880	Ill	205	3	M.	60-60-60	3.10-3.10-3.10	1890	Ohio	371	4	(a)	60-60-60	2.75-3.00-2.81
1884	Ohio	366	13	M.	(a)	2.33-4.33-3.42	1891	Ohio	372	5	M.	60-60-60	3.50-5.75-4.40
1885	Mich	279	21	M.	(a)	1.73-5.18-2.70	1893	Kans	247	4	M.	(a)	2.68-3.07-2.97
1886	Kans	240	2	M.	60-60-60	3.08-3.08-3.08	1893	Mich	285	3	M.	60-72-64	1.47-3.07-2.43
1887	Fla	4	8	M.	(a)	1.92-2.88-2.63	1894	Kans	247	3	M.	(a)	3.07-3.07-3.07
1887	Md	4	8	M.	(a)	1.75-3.83-3.01	1894	Mont	309	1	M.	(a)	3.33-3.33-3.33
1887	Mo	4	9	M.	(a)	2.75-3.26-3.00	1895	Mont	309	1	M.	(a)	3.33-3.33-3.33
1887	N. Y	4	3	M.	(a)	2.88-3.00-2.96	1896	Mont	310	1	M.	(a)	3.33-3.33-3.33
1887	Pa	4	9	M.	(a)	2.49-3.07-2.60	1898	Wash	405	21	(a)	(a)	2.50-3.33-3.06

FOREMEN, BROOM MAKERS.

1870	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1888	N. Y	331	2	M.	(a)	2.33-2.33-2.33
1875	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1888	Canada	470	(a)	M.	60-60-60	2.56-2.56-2.56
1879	Ohio	361	6	M.	(a)	2.11-2.11-2.11	1890	N. Y	333	8	M.	(a)	2.00-3.19-2.57
1881	N. Y	8	5	M.	54-60-56	2.00-2.50-2.10	1891	N. Y	333	8	M.	(a)	2.00-3.19-2.49
1884	Pa	7	1	M.	(a)	1.67-1.67-1.67	1894	Iowa	236	1	M.	60-60-60	3.00-3.00-3.00
1885	N. Y	1	18	M.	60-60-60	1.75-3.00-2.48	1895	N. Y	8	10	M.	60-60-60	1.67-3.33-2.50
1887	Canada	469	(a)	M.	57-57-57	2.00-2.50- —	1896	Pa	7	1	M.	(a)	1.67-1.67-1.67

FOREMEN, BRUSH MAKERS.

1870	N. Y	8	1	M.	60-60-60	1.50-1.50-1.50	1891	France	505	(a)	M.	60-60-60	1.16-1.16-1.16
1883	N. Y	8	1	M.	60-60-60	3.00-3.00-3.00	1892	France	505	(a)	M.	54-69 —	.43-2.03- —
1885	Md	7	3	M.	60-60-60	2.00-2.50-2.17	1892	France	505	(a)	M.	54-54-54	d1.01-1.06- —
1885	N. Y	7	1	M.	59-59-59	3.33-3.33-3.33	1892	Germany	184	(a)	M.	(a)	1.07-1.07-1.07
1885	Germany	547	(a)	M.	(a)	.95- .95- .95	1893	N. Y	8	1	M.	60-60-60	2.50-2.50-2.50
1886	Mich	7	1	M.	48-48-48	2.50-2.50-2.50	1895	Conn	8	2	M.	60-60-60	2.00-2.00-2.00
1886	Germany	184	(a)	M.	(a)	.99- .99- .99	1895	N. Y	7	2	M.	59-59-59	4.17-4.17-4.17
1887	Germany	557	(a)	(a)	60-60-60	.95-1.07- —	1895	N. Y	8	4	M.	60-60-60	1.75-3.00-2.44
1888	N. Y	331	1	M.	(a)	4.17-4.17-4.17	1895	Vt	8	2	M.	60-60-60	2.00-2.00-2.00
1888	Germany	558	(a)	(a)	57-57-57	.95-1.07- —	1896	Colo	200	1	M.	54-54-54	3.00-3.00-3.00
1889	Canada	471	(a)	M.	58-58-58	2.38-2.38-2.38	1896	Md	7	5	M.	60-60-60	2.00-2.50-2.20
1889	Germany	550	(a)	M.	(a)	.95- .95- .95	1896	Mich	7	1	M.	59-59-59	3.00-3.00-3.00
1890	N. Y	333	1	M.	(a)	2.50-2.50-2.50	1898	Denmark	493	(a)	M.	(a)	1.01-1.34- —
1891	N. Y	333	1	M.	(a)	2.50-2.50-2.50							

a Not reported.
b Not including hours of 2 persons not reported.
c And *gratifications*.
d And lodging.
e And lodging and fuel.
f And lodging, fuel, and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), BUILDING.

Year and State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1863 England	565	(a)	(a)	60-60-60	1.34-1.34-1.34
(b) England	567	(a)	M.	54-54-54	.37-1.46- —
1870 Norway	610	(a)	M.	(a)	1.08-1.62- —
1871 Ireland	568	(a)	M.	57-57-57	1.34-2.43- —
1872 Ireland	185	(a)	M.	60-60-60	1.33-2.42- —
1873 Pa	379	4	M.	(a)	3.00-3.00-3.00
1874 N. Y	190	1	M.	60-60-60	1.67-1.67-1.67
1874 Ireland	569	(a)	M.	54-54-54	1.52-1.52-1.52
1875 N. Y	190	1	M.	60-60-60	2.00-2.00-2.00
1876 N. Y	190	1	M.	60-60-60	2.00-2.00-2.00
1877 N. Y	190	1	M.	60-60-60	1.75-1.75-1.75
1877 England	570	(a)	M.	c49-57 —	1.34-2.55- —
1877 Scotland	570	(a)	M.	51-51-51	1.21-1.81- —
1878 Germany	544	(a)	M.	(a)	d.14½-.14½-.14½
1880 England	571	(a)	M.	e50-55 —	1.45-2.43- —
1882 Germany	31	(a)	M.	60-60-60	.60-1.23- —
1882 Germany	33	(a)	M.	48-66 —	.56- .99- —
1883 Germany	178	(a)	M.	60-72 —	.59-1.11- —
1884 Mich	278	1	M.	(a)	3.00-3.00-3.00
1884 Aust-Hun	178	(a)	M.	60-60-60	.67-1.67- —
1884 Germany	178	(a)	M.	f66-66-66	.72-1.19- —
1886 England	604	(a)	M.	(a)	1.60-2.13- —
1886 Ireland	604	(a)	M.	(a)	1.75-1.75-1.75
1886 Scotland	604	(a)	M.	(a)	1.44-1.44-1.44
1887 Germany	557	(a)	(a)	48-60 —	1.43-2.05- —
1888 N. Y	331	2	M.	g60-60-60	2.00-2.50-2.25
1888 Canada	470	(a)	M.	49-49-49	2.75-2.75-2.75
1888 Germany	558	(a)	(a)	48-66 —	1.05-1.44- —
1890 Kans	244	1	M.	(a)	3.50-3.50-3.50
1890 Minn	292	3	M.	(a)	2.75-3.00-2.83
1890 N. Y	333	2	M.	(a)	2.75-2.75-2.75
1891 N. Y	333	5	M.	(a)	2.50-5.00-3.25
1891 Ohio	372	1	M.	60-60-60	1.75-1.75-1.75
1891 England	604	(a)	M.	(a)	1.74-2.29- —
1891 Ireland	604	(a)	M.	(a)	1.72-1.72-1.72
1891 Scotland	604	(a)	M.	(a)	1.55-1.55-1.55
1892 N. Y	20	4	M.	48-60-54	4.00-5.00-4.56
1892 Algeria	505	(a)	M.	57-57-57	1.16-1.16-1.16
1892 France	505	(a)	M.	57-72 —	.58-2.51- —
1892 France	505	(a)	M.	(a)	h1.13-1.13-1.13
1893 Mont	307	1	M.	(a)	5.00-5.00-5.00
1893 N. Y	20	4	M.	48-60-54	4.00-5.00-4.56
1894 N. Y	20	4	M.	48-60-54	4.00-5.00-4.56
1894 Spain	632	(a)	(a)	(a)	.68- .97- —
1895 N. Y	20	4	M.	48-60-54	4.00-5.00-4.56
1896 Ill	12	1	M.	48-48-48	2.00-2.00-2.00
1896 Pa	14	17	M.	48-48-48	4.00-4.00-4.00
1896 Aust-Hun	442	(a)	M.	(a)	.73-2.44- —
1896 Canada	482	(a)	(a)	(a)	4.17-4.17-4.17
1897 France	511	(a)	M.	60-60-60	1.16-1.16-1.16
1898 Aust-Hun	438	(a)	(a)	60-66 —	.88- .88- .88

FOREMEN, BURNISHERS, METAL.

1881 Mass	7	1	M.	60-60-60	3.00-3.00-3.00
1887 Conn	202	7	M.	(a)	4.10-4.68-4.51
1895 Mass	7	2	M.	60-60-60	4.00-4.00-4.00
1895 N. Y	7	1	M.	60-60-60	2.50-2.50-2.50

FOREMEN, BUTCHERS.

1861 England	564	(a)	(a)	(a)	1.10-1.22- —
1890 Kans	244	3	M.	(a)	3.00-5.00-3.83
1890 Minn	292	2	M.	(a)	3.50-3.50-3.50
1897 France	511	(a)	M.	66-72 —	2.90-3.22- —
1898 Denmark	493	(a)	M.	(a)	1.07-1.79- —
1899 N. Zealand	681	(a)	M.	62-62-62	2.43-2.43-2.43

FOREMEN, BUTTON MAKERS.

1832 Mass	8	3	M.	66-66-66	.63-1.10- .94
1857 N. J	8	1	M.	66-66-66	2.50-2.50-2.50
1862 Mass	8	3	M.	60-60-60	2.50-2.50-2.50
1865 N. J	8	1	M.	60-60-60	4.00-4.00-4.00
1882 N. J	7	1	M.	(a)	3.33-3.33-3.33
1884 N. J	323	2	M.	60-60-60	2.50-2.50-2.50
1884 Aust-Hun	178	(a)	M.	60-60-60	1.20-1.33- —
1884 Germany	556	(a)	(a)	54-54-54	.83-1.43- —
1885 Mass	1	6	M.	60-60-60	3.00-3.00-3.00
1885 N. Y	7	1	M.	59-59-59	7.50-7.50-7.50
1885 Gr't Brit	1	1	M.	60-60-60	2.80-2.80-2.80
1886 N. J	325	1	M.	60-60-60	2.33-2.33-2.33
1887 Germany	557	(a)	(a)	60-60-60	1.07-1.43- —
1888 N. J	326	2	M.	(a)	2.50-2.50-2.50
1889 Canada	471	(a)	M.	52-52-52	2.52-2.52-2.52
1891 N. Y	333	2	M.	(a)	2.50-3.00-2.75
1892 Conn	8	1	M.	60-60-60	2.00-2.00-2.00
1892 France	505	(a)	M.	60-60-60	h1.87-1.87-1.87
1895 Conn	8	2	M.	60-60-60	3.00-3.50-3.25
1895 Mass	8	7	M.	60-60-60	2.00-3.50-2.61
1895 N. J	7	1	M.	55-55-55	4.17-4.17-4.17
1895 N. Y	7	1	M.	59-59-59	6.67-6.67-6.67
1895 Pa	8	1	M.	60-60-60	2.60-2.60-2.60
1895 France	513	(a)	M.	66-66-66	.77- .77- .77
1896 Conn	8	2	M.	60-60-60	2.00-3.00-2.50
1896 N. Y	7	3	M.	60-60-60	2.25-2.25-2.25
1896 Pa	7	1	M.	58-58-58	3.33-3.33-3.33

a Not reported.
b Average for 1867–68.
c Applies to but 16 of the 19 wage quotations.
d Per hour.
e Applies to but 9 of the 13 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Not including hours of 1 person not reported.
h And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, CABINET MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 Del	190	1 M.	60-60-60	4.17-4.17-4.17	1889 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1875 Del	190	1 M.	60-60-60	2.83-2.83-2.83	1889 Mich	281	3 M.	60-60-60	2.25-3.00-2.58
1876 Del	190	1 M.	60-60-60	2.83-2.83-2.83	1889 Canada	471	(a) M.	60-60-60	2.25-2.27- —
1877 Del	190	2 M.	60-60-60	2.50-2.50-2.50	1890 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1878 Del	190	1 M.	60-60-60	2.33-2.33-2.33	1890 Minn	292	8 M.	(a)	2.75-3.35-2.94
1878 Germany	177	(a) M.	(a)	1.00-1.00-1.00	1890 N. Y	333	2 M.	(a)	2.35-3.67-3.01
1879 Del	190	1 M.	60-60-60	2.50-2.50-2.50	1891 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1881 Del	190	1 M.	60-60-60	3.00-3.00-3.00	1891 Mo	300	1 M.	(a)	3.92-3.92-3.92
1882 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1891 N. Y	333	3 M.	(a)	3.00-4.00-3.56
1883 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1892 Del	20	1 M.	60-60-60	3.34-3.34-3.34
1884 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1892 Del	190	1 M.	60-60-60	3.34-3.34-3.34
1885 Del	190	1 M.	60-60-60	2.83-2.83-2.83	1892 Corsica	505	(a) M.	57-57-57	.97- .97- .97
1885 N. Y	7	1 M.	(a)	4.00-4.00-4.00	1892 France	505	(a) M.	60-66 —	.97-1.16- —
1885 Canada	467	(a) M.	60-60-60	2.04-2.04-2.04	1893 Del	20	1 M.	60-60-60	3.34-3.34-3.34
1886 Del	190	1 M.	60-60-60	2.83-2.83-2.83	1893 Mich	285	1 M.	57-57-57	2.60-2.60-2.60
1886 Canada	468	(a) M.	60-60-60	2.00-2.00-2.00	1894 Del	20	1 M.	60-60-60	3.34-3.34-3.34
1886 Germany	548	(a) (a)	(a)	1.07-1.43- —	1894 Ga	8	1 M.	60-60-60	2.50-2.50-2.50
1887 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1895 Del	20	1 M.	60-60-60	3.34-3.34-3.34
1887 N. Y	4	1 M.	(a)	3.64-3.64-3.64	1895 N. Y	7	1 M.	48-48-48	5.00-5.00-5.00
1887 Germany	557	(a) (a)	57-57-57	.95-1.19- —	1895 France	513	(a) M.	b 60-60-60	.81-1.25- —
1888 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1898 Denmark	493	(a) M.	(a)	1.21-1.61- —
1888 Germany	558	(a) (a)	57-57-57	.95-1.71- —					

FOREMEN, CALENDRERS, PAPER.

1884 Pa	7	1 M.	60-60-60	2.00-2.00-2.00	1895 Me	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Mass	7	3 M.	60-60-60	2.25-4.00-2.92	1895 Mass	7	2 M.	60-60-60	2.75-3.00-2.88
1893 Italy	639	(a) M.	(a)	.58- .68- —	1896 Pa	7	1 M.	60-60-60	2.50-2.50-2.50
1895 Conn	7	1 M.	72-72-72	3.00-3.00-3.00					

FOREMEN, CALENDRERS, RUBBER.

1896 Mass	8	1 M.	60-60-60	3.00-3.00-3.00	1896 R. I	8	2 M.	60-60-60	2.75-4.00-3.38

FOREMEN, CANDY MAKERS AND CONFECTIONERS.

1879 Germany	545	(a) M.	(a)	.48- .48- .48	1891 France	505	(a) M.	60-60-60	1.16-3.28- —
1880 Ga	7	2 M.	60-66-63	3.33-4.17-3.75	1892 Cal	196	2 M.	57-60-59	3.50-5.00-4.25
1880 Mich	7	1 M.	(a)	2.00-2.00-2.00	1892 France	505	(a) M.	54-72 —	.97-1.93- —
1880 Pa	7	1 M.	60-60-60	3.33-3.33-3.33	1892 France	505	(a) M.	69-69-69	d 1.54-1.54-1.54
1881 Ga	7	2 M.	59-59-59	2.00-5.00-3.50	1893 Italy	639	(a) M.	66-66-66	.51- .84- —
1882 Ohio	364	1 M.	60-60-60	3.33-3.33-3.33	1895 Ga	7	2 M.	59-59-59	2.00-5.00-3.50
1883 Ohio	7	2 M.	60-60-60	5.00-5.83-5.42	1895 Md	7	4 M.	60-60-60	3.33-5.00-3.83
1884 Mich	278	1 M.	(a)	3.00-3.00-3.00	1895 N. Y	7	12 M.	59-60-60	1.33-3.67-2.42
1884 Ohio	366	1 M.	(a)	3.33-3.33-3.33	1895 Ohio	7	6 M.	60-60-60	2.50-5.83-3.56
1885 Md	7	3 M.	(a)	2.50-4.17-3.33	1895 Pa	8	1 M.	60-60-60	3.33-3.33-3.33
1885 N. Y	7	8 M.	60-60-60	1.00-3.50-2.44	1896 Ga	7	2 M.	60-66-63	3.33-5.00-4.17
1885 Wis	7	4 M.	60-60-60	2.67-3.33-2.92	1896 Ill	7	3 M.	60-60-60	3.67-4.17-3.83
1886 Ill	7	3 M.	60-60-60	3.33-4.17-3.72	1896 Iowa	7	5 M.	59-60-60	2.50-4.00-3.17
1886 Iowa	7	1 M.	60-60-60	2.00-2.00-2.00	1896 Mich	7	6 M.	60-60-60	2.00-4.17-2.95
1886 Mich	7	4 M.	60-60-60	2.00-4.17-3.16	1896 Mo	305	1 M.	60-60-60	3.00-3.00-3.00
1886 N. Y	7	1 M.	60-60-60	4.17-4.17-4.17	1896 N. Y	7	5 M.	60-60-60	3.50-5.00-4.13
1888 N. Y	331	4 M.	60-60-60	2.33-3.50-2.79	1896 Pa	7	1 M.	57-57-57	3.33-3.33-3.33
1889 Germany	550	(a) M.	(a)	.71-1.07- —	1896 Wis	7	10 M.	60-60-60	2.50-3.33-2.73
1889 Germany	550	(a) M.	(a)	c .49- .73- —	1896 Canada	482	(a) (a)	(a)	5.00-5.00-5.00
1890 N. Y	333	5 M.	(a)	1.67-3.33-2.67	1897 Australia	428	(a) (a)	(a)	3.24-3.24-3.24
1890 Ohio	371	2 (a)	60-60-60	2.25-2.50-2.38	1898 Mo	306	6 M.	(a)	3.14-5.75-4.74
1890 Australia	423	(a) (a)	48-48-48	2.43-2.84- —	1898 Australia	429	(a) (a)	(a)	2.43-3.24- —
1890 Netherl'ds	666	(a) M.	78-78-78	.84- .84- .84	1898 Denmark	493	(a) M.	(a)	1.07-1.34- —
1891 N. Y	333	22 M.	(a)	2.00-5.00-3.40	1898 Denmark	493	(a) M.	(a)	c .45- .80- —

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c And board and lodging.
d And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), CANNED GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1851 Md	8	1	M.	60-60-60	3.00-3.00-3.00
1865 Md	8	2	M.	72-72-72	4.67-4.67-4.67
1871 N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1875 Cal	8	3	M.	60-60-60	4.50-4.50-4.50
1876 Cal	8	5	M.	60-60-60	4.50-4.50-4.50
1876 Del	8	1	M.	60-60-60	3.50-3.50-3.50
1882 N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1886 N. Y	7	1	M.	60-60-60	2.00-2.00-2.00
1887 Cal	8	1	M.	60-60-60	3.50-3.50-3.50
1888 N. Y	331	1	M.	60-60-60	5.00-5.00-5.00
1888 Canada	470	(a)	M.	67-67-67	2.19-2.19-2.19
1890 N. Y	333	1	M.	(a)	2.00-2.00-2.00
1890 Ohio	371	1	M.	57-57-57	2.25-2.25-2.25
1891 N. Y	333	12	M.	(a)	1.75-2.50-2.06
1892 Me	258	55	M.	60-60-60	1.79-1.79-1.79
1892 France	505	(a)	M.	b57-78 —	.63-1.93- —
1893 Md	10	2	M.	60-60-60	2.50-2.75-2.63
1894 Md	8	4	M.	72-72-72	2.00-3.33-2.33
1894 N. Y	8	7	M.	60-60-60	2.00-3.00-2.50
1894 Australia	425	(a)	(a)	(a)	2.03-2.84- —
1895 Me	7	3	M.	60-60-60	1.75-3.00-2.28
1895 Md	8	2	M.	60-60-60	2.50-5.00-3.75
1895 Australia	426	(a)	(a)	(a)	2.03-2.84- —
1895 Canada	187	(a)	M.	60-60-60	1.92-1.92-1.92
1896 Cal	8	14	M.	60-60-60	1.50-4.00-2.98
1896 N. Y	7	1	M.	60-60-60	3.13-3.13-3.13
1896 Australia	427	(a)	(a)	(a)	2.03-3.24- —
1897 N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1897 Australia	428	(a)	(a)	(a)	1.42-2.84- —
1898 Mo	306	3	M.	(a)	1.92-2.49-2.11
1898 N. J	329	1	M.	54-54-54	2.50-2.50-2.50
1898 Australia	429	(a)	(a)	(a)	1.62-3.65- —

FOREMEN, CAR BUILDERS.

1866 Del	190	1	M.	60-60-60	3.34-3.34-3.34
1867 Del	190	1	M.	60-60-60	3.67-3.67-3.67
1868 Del	190	1	M.	60-60-60	3.67-3.67-3.67
1869 Del	190	1	M.	60-60-60	3.67-3.67-3.67
1870 Del	190	1	M.	60-60-60	3.67-3.67-3.67
1871 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1872 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1873 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1873 Pa	379	16	M.	(a)	3.00-3.00-3.00
1874 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1874 Pa	380	8	M.	(a)	2.00-2.00-2.00
1875 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1876 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1876 Pa	381	10	M.	(a)	3.00-3.01-3.01
1877 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1878 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1879 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1879 Mo	293	7	M.	(a)	4.17-4.17-4.17
1879 Pa	384	7	M.	60-60-60	2.00-2.00-2.00
1881 Del	190	1	M.	60-60-60	4.17-4.17-4.17
1882 Del	190	1	M.	60-60-60	4.17-4.17-4.17
1882 Ohio	364	64	M.	(a)	3.17-3.17-3.17
1883 Del	190	1	M.	60-60-60	4.17-4.17-4.17
1884 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1884 Mich	278	7	M.	(a)	4.25-4.25-4.25
1884 Ohio	366	24	M.	(a)	2.00-4.25-3.94
1884 England	178	(a)	M.	(a)	1.01-2.23- —
1884 Italy	178	(a)	M.	(a)	1.11-1.11-1.11
1884 Russia	178	(a)	M.	(a)	c1.84-1.84-1.84
1885 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1885 Mich	279	22	M.	(a)	1.80-5.37-3.08
1885 Mo	296	1	M.	60-60-60	4.17-4.17-4.17
1885 Tenn	1	3	M.	60-60-60	2.50-3.25-3.00
1885 Vt	1	3	M.	60-60-60	2.16-2.48-2.30
1886 Del	190	1	M.	60-60-60	5.00-5.00-5.00
1887 Del	190	1	M.	60-60-60	6.67-6.67-6.67
1887 Md	4	11	M.	(a)	1.90-3.26-2.63
1887 Mass	4	7	M.	(a)	2.10-3.25-2.68
1887 Mich	4	2	M.	(a)	4.22-4.22-4.22
1887 N. J	4	2	M.	(a)	2.88-3.26-3.07
1887 N. Y	4	20	M.	(a)	1.92-4.79-3.19
1887 Pa	4	11	M.	d60-60-60	2.25-5.18-3.15
1888 Del	190	1	M.	60-60-60	6.67-6.67-6.67
1889 Del	190	1	M.	60-60-60	6.67-6.67-6.67
1890 Del	190	1	M.	60-60-60	6.67-6.67-6.67
1891 Del	190	1	M.	60-60-60	6.67-6.67-6.67
1891 Me	257	1	M.	60-60-60	3.50-3.50-3.50
1891 Mo	300	15	M.	(a)	1.49-5.45-3.19
1891 Ohio	372	20	M.	60-60-60	3.00-4.50-4.20
1892 Del	20	4	M.	60-60-60	3.33-8.33-4.58
1892 Ind	227	19	M.	60-60-60	1.60-3.66-2.89
1892 France	505	(a)	M.	60-60-60	1.11-1.21- —
1893 Del	20	4	M.	60-60-60	3.33-8.33-4.58
1893 Mich	285	9	M.	57-66-60	1.90-3.83-2.46
1894 Del	20	2	M.	60-60-60	3.34-8.33-5.84
1894 Mont	308	2	M.	(a)	3.00-3.00-3.00
1894 Mont	309	1	M.	(a)	3.00-3.00-3.00
1895 Del	20	3	M.	60-60-60	3.34-8.33-5.00
1895 Mont	309	6	M.	(a)	2.67-3.33-2.94
1895 N. Y	8	2	M.	60-60-60	2.75-5.75-4.25
1896 Mont	310	6	M.	(a)	2.67-3.33-2.94
1898 Mo	306	64	M.	(a)	2.88-4.79-3.35

FOREMEN, CAR CLEANERS.

1884 England	178	(a)	M.	(a)	.77- .77- .77
1887 Md	4	4	M.	(a)	1.40-2.47-1.94
1887 Mass	4	3	M.	(a)	1.75-2.75-2.32
1887 N. J	4	1	M.	(a)	1.75-1.75-1.75
1887 Pa	4	2	M.	(a)	2.30-2.70-2.50
1891 Mo	300	2	M.	(a)	1.94-1.94-1.94

FOREMEN, CAR INSPECTORS.

1887 Conn	4	1	M.	(a)	2.00-2.00-2.00
1887 Md	4	4	M.	(a)	1.50-2.30-1.83
1887 Mass	4	4	M.	(a)	1.70-2.75-2.28
1887 N. J	4	18	M.	(a)	1.64-2.30-1.87
1887 Oregon	4	1	M.	(a)	3.78-3.78-3.78
1887 Pa	4	6	M.	e60-60-60	1.64-2.96-2.24
1887 Wis	4	1	M.	(a)	2.79-2.79-2.79

a Not reported.
b Applies to but 3 of the 6 wage quotations.
c And lodging.
d Not including hours of 9 persons not reported.
e Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, CARPENTERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1854 Mass	190	1 M.	60-60-60	1.50-1.50-1.50
1855 Mass	190	1 M.	60-60-60	1.67-1.67-1.67
1855 England	561	(a) (a)	(a)	1.05-1.05-1.05
1856 Mass	190	1 M.	60-60-60	1.67-1.67-1.67
1856 England	561	(a) (a)	(a)	1.05-1.05-1.05
1857 Mass	190	1 M.	60-60-60	1.67-1.67-1.67
1857 England	561	(a) (a)	(a)	1.05-1.05-1.05
1857 Ireland	561	(a) (a)	(a)	1.22-1.22-1.22
1858 Mass	190	2 M.	60-78-69	1.65-1.67-1.66
1858 England	562	(a) M.	(a)	1.05-1.05-1.05
1859 Mass	190	2 M.	60-78-69	1.65-1.67-1.66
1859 England	563	(a) M.	63-63-63	1.05-1.05-1.05
1860 Mass	190	2 M.	60-78-69	1.67-1.75-1.71
1860 England	564	(a) (a)	63-63-63	1.05-1.05-1.05
1861 Mass	190	2 M.	60-78-69	1.67-1.87-1.77
1861 England	564	(a) (a)	63-63-63	1.05-1.05-1.05
1862 Mass	190	2 M.	60-78-69	1.75-1.87-1.81
1863 Mass	190	2 M.	60-72-66	2.00-2.00-2.00
1863 England	565	(a) (a)	63-63-63	1.05-1.05-1.05
1864 Mass	190	2 M.	60-72-66	2.00-2.25-2.13
1865 Mass	190	2 M.	60-72-66	2.50-2.50-2.50
1866 Mass	190	2 M.	60-72-66	3.00-3.25-3.13
1867 Mass	190	2 M.	60-72-66	3.25-3.25-3.25
1868 Mass	190	3 M.	60-66-62	3.25-3.50-3.33
1869 Mass	190	2 M.	60-66-63	3.25-3.50-3.38
1869 Pa	190	1 M.	60-60-60	2.75-2.75-2.75
1869 R. I	190	3 M.	60-60-60	3.25-3.75-3.50
1870 Mass	190	2 M.	60-66-63	3.50-3.50-3.50
1870 Pa	190	1 M.	60-60-60	2.75-2.75-2.75
1870 R. I	190	3 M.	60-60-60	3.25-3.75-3.50
1870 Egypt	610	(a) (a)	(a)	1.46-1.95- —
1870 Persia	610	(a) M.	(a)	.61- .61- .61
1870 Portugal	610	(a) M.	(a)	.30- .57- —
1870 Russia	610	(a) M.	(a)	2.03-2.03-2.03
1870 Turkey	610	(a) M.	(a)	2.61-2.99- —
1871 Mass	190	2 M.	60-66-63	3.50-3.75-3.63
1871 Pa	190	2 M.	60-60-60	3.25-3.25-3.25
1871 R. I	190	3 M.	60-60-60	3.25-3.75-3.50
1871 England	563	(a) M.	69-69-69	1.05-1.05-1.05
1872 Mass	190	2 M.	60-66-63	3.50-3.75-3.63
1872 Pa	190	4 M.	60-60-60	3.25-3.25-3.25
1872 England	185	(a) M.	69-69-69	1.05-1.05-1.05
1873 Mass	190	3 M.	60-66-62	3.50-3.75-3.58
1873 Pa	190	3 M.	60-60-60	3.25-3.25-3.25
1873 R. I	190	1 M.	60-60-60	4.00-4.00-4.00
1873 England	185	(a) M.	(a)	b1.08-2.02- —
1873 Germany	542	(a) M.	60-60-60	1.36-1.36-1.36
1874 Mass	190	3 M.	60-66-62	3.50-3.50-3.50
1874 Pa	190	3 M.	60-60-60	3.25-3.25-3.25
1874 R. I	190	1 M.	60-60-60	4.00-4.00-4.00
1874 Wales	185	(a) M.	(a)	1.72-1.72-1.72
1875 Mass	190	2 M.	60-60-60	3.18-3.50-3.34
1875 Pa	190	2 M.	60-60-60	2.93-2.93-2.93
1875 Pa	380	4 M.	60-60-60	2.50-2.50-2.50
1875 R. I	190	1 M.	60-60-60	4.00-4.00-4.00
1875 Germany	543	(a) M.	(a)	c.12- .18- —
1876 Mass	190	2 M.	60-60-60	3.25-3.50-3.38
1876 Pa	190	4 M.	60-60-60	3.25-3.25-3.25
1876 Pa	381	3 M.	60-60-60	2.48-2.75-2.57
1877 Mass	190	2 M.	60-60-60	3.25-3.25-3.25
1877 Pa	190	3 M.	60-60-60	2.75-2.75-2.75
1877 R. I	190	1 M.	60-60-60	2.75-2.75-2.75
1878 Mass	190	2 M.	60-60-60	3.00-3.25-3.13
1878 Pa	190	2 M.	60-60-60	2.75-2.75-2.75
1878 Pa	383	1 M.	(a)	4.79-4.79-4.79
1879 Mass	190	2 M.	60-60-60	3.00-3.25-3.13
1879 Pa	190	3 M.	60-60-60	2.75-2.75-2.75
1879 Pa	384	4 M.	60-60-60	2.50-3.00-2.63
1879 Germany	545	(a) M.	60-60-60	1.25-1.25-1.25
1880 Mass	190	3 M.	60-60-60	3.00-3.25-3.17
1880 Pa	190	3 M.	60-60-60	2.75-2.75-2.75
1880 R. I	190	1 M.	60-60-60	3.00-3.00-3.00
1881 Mass	190	2 M.	60-60-60	3.25-4.00-3.63
1881 N. H	7	1 M.	66-66-66	3.50-3.50-3.50
1881 N. Y	190	1 M.	60-60-60	3.25-3.50-3.33
1881 Pa	190	3 M.	60-60-60	3.50-3.50-3.50
1881 R. I	190	1 M.	60-60-60	3.00-3.00-3.00
1882 Mass	190	2 M.	60-60-60	3.25-4.00-3.63
1882 N. H	7	1 M.	66-66-66	3.50-3.50-3.50
1882 N. Y	190	1 M.	60-60-60	3.50-3.50-3.50
1882 Pa	190	6 M.	60-60-60	3.25-3.50-3.33
1882 R. I	190	1 M.	60-60-60	3.00-3.00-3.00
1883 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1883 Mass	273	17 M.	(a)	3.50-4.00-3.53
1883 N. Y	190	1 M.	60-60-60	3.50-3.50-3.50
1883 Ohio	365	6 M.	60-70-62	2.60-3.83-3.21
1883 Pa	190	6 M.	60-60-60	3.25-4.00-3.50
1883 R. I	190	2 M.	60-60-60	3.00-3.25-3.13
1883 Br. India	459	(a) (a)	(a)	.22- .22- .22
1884 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1884 N. J	323	4 M.	60-60-60	2.50-3.25-2.90
1884 N. Y	190	1 M.	60-60-60	3.50-3.50-3.50
1884 Pa	190	2 M.	60-60-60	3.75-4.00-3.88
1884 Pa	388	105 M.	(a)	2.76-2.76-2.76
1884 R. I	190	3 M.	60-60-60	3.00-3.25-3.08
1884 Aust-Hun	178	(a) M.	60-60-60	1.00-2.67- —
1884 Br. India	459	(a) (a)	(a)	.22- .22- .22
1884 C. of G'd H	178	(a) (a)	(a)	2.43-2.45- —
1884 Ceylon	178	(a) (a)	(a)	.77-1.34- —
1884 Colombia	178	(a) (a)	(a)	2.47-2.47-2.47
1884 Germany	178	(a) M.	d64-64-64	.83-1.19- —
1884 Italy	178	(a) M.	e60-60-60	.58- .97- —
1884 Peru	178	(a) M.	54-54-54	2.84-2.84-2.84
1884 Russia	178	(a) M.	(a)	f1.84-1.84-1.84
1885 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1885 Mich	279	27 M.	(a)	1.75-5.75-3.25
1885 N. H	7	1 M.	(a)	2.50-2.50-2.50
1885 N. Y	1	1 M.	66-66-66	2.50-2.50-2.50
1885 N. Y	190	1 M.	60-60-60	3.50-3.50-3.50
1885 Pa	190	2 M.	60-60-60	3.75-4.00-3.88
1885 Pa	389	120 M.	(a)	2.49-2.49-2.49
1885 R. I	190	2 M.	60-60-60	3.00-3.25-3.13
1885 Br. India	459	(a) (a)	(a)	.25- .25- .25
1885 Canada	467	(a) M.	58-58-58	2.19-2.19-2.19
1886 Kans	240	1 M.	60-60-60	3.00-3.00-3.00
1886 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1886 N. J	325	1 M.	54-54-54	3.30-3.30-3.30
1886 N. Y	190	2 M.	60-60-60	3.50-4.00-3.75
1886 Pa	7	1 M.	60-60-60	2.75-2.75-2.75
1886 Pa	190	3 M.	60-60-60	3.50-4.00-3.67
1886 R. I	190	2 M.	60-60-60	3.00-3.25-3.13
1886 Br. India	459	(a) (a)	(a)	.23- .23- .23
1886 Canada	468	(a) M.	60-60-60	2.01-2.48- —
1886 Germany	548	(a) (a)	(a)	.95-1.67- —
1886 Italy	633	(a) M.	60-60-60	.97-1.16- —
1887 Conn	4	7 M.	(a)	2.50-3.83-3.16
1887 Conn	202	1 M.	(a)	3.21-3.21-3.21
1887 Del	4	2 M.	(a)	2.68-2.88-2.78
1887 Fla	4	4 M.	(a)	2.88-3.83-3.29
1887 Me	253	1 M.	60-60-60	3.00-3.00-3.00
1887 Md	4	72 M.	(a)	1.75-3.83-2.64
1887 Mass	4	9 M.	(a)	2.00-3.45-2.87
1887 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1887 Mich	4	3 M.	(a)	2.75-2.75-2.75
1887 Mo	4	43 M.	(a)	1.92-4.79-3.14
1887 Nebr	312	57 M.	60-60-60	2.00-4.16-2.81
1887 N. J	4	8 M.	(a)	2.25-3.45-2.69
1887 N. Y	4	36 M.	(a)	1.75-4.79-2.88
1887 N. Y	190	1 M.	60-60-60	4.00-4.00-4.00
1887 N. C	342	1 M.	60-60-60	3.00-3.00-3.00

a Not reported.
b And house.
c Per hour.
d Applies to but 3 of the 5 wage quotations.
e Applies to but 3 of the 4 wage quotations.
f And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, CARPENTERS—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Oregon	4	19 M.	(a)	3.75-4.79-3.98
1887 Pa	4	79 M.	b60-60-60	1.95-5.00-2.79
1887 Pa	4	15 M.	(a)	c.17½-.27-.24½
1887 Pa	190	3 M.	54-54-54	3.60-4.00-3.73
1887 R. I	4	7 M.	(a)	2.50-3.07-2.74
1887 R. I	190	2 M.	60-60-60	3.25-3.25-3.25
1887 Va	4	13 M.	(a)	2.30-2.88-2.75
1887 Wis	4	11 M.	(a)	2.00-3.45-2.67
1887 Br. India	459	(a) (a)	(a)	.24- .24- .24
1887 Germany	557	(a) (a)	42-60 —	1.19-1.79- —
1888 Colo	198	6 M.	(a)	3.00-3.45-3.15
1888 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1888 Mich	280	2 M.	60-60-60	4.79-4.79-4.79
1888 N. J	326	1 M.	(a)	3.00-3.00-3.00
1888 N. Y	190	1 M.	60-60-60	4.00-4.00-4.00
1888 N. Y	331	1 M.	60-60-60	2.50-2.50-2.50
1888 Pa	190	4 M.	54-54-54	3.60-4.00-3.70
1888 R. I	6	1 M.	(a)	3.33-3.33-3.33
1888 R. I	190	2 M.	60-60-60	3.25-3.25-3.25
1888 S. C	6	1 M.	66-66-66	1.50-1.50-1.50
1888 Br. India	459	(a) (a)	(a)	.24- .24- .24
1888 Canada	470	(a) M.	56-56-56	2.34-2.34-2.34
1888 Germany	6	(a) M.	(a)	.71- .71- .71
1888 Germany	558	(a) (a)	d36-66 —	1.03-1.79- —
1889 Ill	209	2 M.	(a)	2.50-2.94-2.72
1889 Kans	243	62 M.	e60-60-60	2.25-5.15-2.78
1889 Me	6	1 M.	(a)	2.50-2.50-2.50
1889 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1889 Mich	5	6 M.	60-60-60	2.40-4.00-2.98
1889 Mich	281	1 M.	60-60-60	1.75-1.75-1.75
1889 Minn	5	1 M.	60-60-60	4.79-4.79-4.79
1889 Mo	5	1 M.	(a)	2.75-2.75-2.75
1889 N. H	6	2 M.	(a)	3.00-3.75-3.38
1889 N. Y	190	1 M.	60-60-60	4.00-4.00-4.00
1889 Pa	190	2 M.	54-54-54	3.60-4.00-3.80
1889 R. I	190	1 M.	60-60-60	3.25-3.25-3.25
1889 Va	5	1 M.	72-72-72	2.75-2.75-2.75
1889 Wis	5	1 M.	(a)	2.50-2.50-2.50
1889 Br. India	459	(a) (a)	(a)	.24- .24- .24
1889 Canada	471	(a) M.	58-60 —	2.03-2.37- —
1889 Germany	5	(a) M.	(a)	.54- .87- —
1889 Germany	550	(a) M.	(a)	1.43-1.79- —
1890 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1890 Minn	292	11 M.	(a)	3.00-3.50-3.09
1890 N. Y	6	1 M.	(a)	2.50-2.50-2.50
1890 N. Y	190	1 M.	60-60-60	4.00-4.00-4.00
1890 N. Y	333	5 M.	(a)	3.00-5.00-3.80
1890 Pa	190	6 M.	54-54-54	3.60-4.00-3.67
1890 R. I	190	1 M.	60-60-60	3.25-3.25-3.25
1890 Br. India	459	(a) (a)	(a)	.29- .29- .29
1890 Germany	6	(a) M.	(a)	1.07-1.09- —
1891 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1891 Mo	300	3 M.	(a)	3.00-3.89-3.39
1891 N. Y	190	1 M.	60-60-60	4.00-4.00-4.00
1891 N. Y	333	6 M.	(a)	3.00-5.00-3.83
1891 N. C	346	1 M.	60-60-60	1.75-1.75-1.75
1891 Pa	190	6 M.	54-54-54	3.60-4.00-3.67
1891 R. I	190	1 M.	60-60-60	3.60-3.60-3.60
1891 Belgium	457	(a) M.	66-66-66	.97- .97- .97
1891 Br. India	459	(a) (a)	(a)	.26- .26- .26
1891 France	505	(a) M.	60-70 —	1.45-3.04- —
1891 France	505	(a) M.	60-70 —	f1.31-2.12- —
1891 Italy	638	(a) M.	g63-69 —	.55-1.45- —
1892 Cal	196	7 M.	48-54-49	4.00-5.00-4.50
1892 Del	190	2 M.	60-60-60	4.00-4.34-4.17
1892 Iowa	235	1 M.	60-60-60	2.75-2.75-2.75
1892 Mass	190	3 M.	58-58-58	2.18-3.87-2.98
1892 N. Y	190	8 M.	54-54-54	3.60-3.60-3.60
1892 Pa	20	1 M.	60-60-60	3.00-3.00-3.00
1892 R. I	190	6 M.	60-60-60	2.75-3.00-2.88
1892 Algeria	505	(a) M.	60-60-60	1.16-1.16-1.16
1892 Australia	424	(a) M.	(a)	2.03-3.65- —
1892 Br. India	459	(a) (a)	(a)	.25- .25- .25
1892 England	111	(a) M.	(a)	1.62-2.03- —
1892 France	505	(a) M.	42-77 —	.77-2.36- —
1892 Germany	184	(a) M.	(a)	1.67-1.67-1.67
1893 Mo	302	1 M.	(a)	3.00-3.00-3.00
1893 Mont	307	4 M.	51-54-53	5.00-6.00-5.56
1893 Pa	20	1 M.	60-60-60	3.30-3.30-3.30
1893 Aust-Hun	448	(a) M.	60-60-60	1.02-1.35- —
1893 Br. India	459	(a) (a)	(a)	.23- .23- .23
1893 N. Zealand	668	(a) M.	(a)	2.68-2.68-2.68
1894 Pa	20	1 M.	60-60-60	3.00-3.00-3.00
1894 Australia	425	(a) (a)	(a)	2.68-3.24- —
1894 Br. India	459	(a) (a)	(a)	.19- .19- .19
1894 N. Zealand	669	(a) M.	(a)	2.80-2.80-2.80
1894 Spain	632	(a) (a)	(a)	.43- .77- —
1895 Me	7	4 M.	60-60-60	2.50-3.33-2.96
1895 Mass	7	1 M.	60-60-60	3.33-3.33-3.33
1895 N. H	7	5 M.	60-60-60	2.50-3.75-3.05
1895 Pa	20	1 M.	60-60-60	3.00-3.00-3.00
1895 Australia	426	(a) (a)	(a)	2.68-3.24- —
1895 Br. India	459	(a) (a)	(a)	.17- .17- .17
1895 France	513	(a) M.	h66-66-66	.74-1.06- —
1896 Ill	7	1 M.	60-60-60	3.00-3.00-3.00
1896 Md	14	21 M.	54-54-54	2.50-3.76-2.80
1896 Mass	14	20 M.	i53-77-55	2.80-3.49-3.11
1896 N. H	7	1 M.	60-60-60	3.00-3.00-3.00
1896 Pa	7	3 M.	60-60-60	2.33-4.00-2.94
1896 Pa	14	16 M.	48-54-54	3.00-3.51-3.48
1896 Australia	427	(a) (a)	(a)	2.43-2.92- —
1896 Br. India	459	(a) (a)	(a)	.19- .19- .19
1896 Colombia	184	(a) M.	(a)	4.50-4.50-4.50
1896 Mexico	184	(a) M.	(a)	.75-2.25- —
1896 N. Zealand	671	(a) M.	(a)	2.44-2.92- —
1898 Denmark	493	(a) M.	(a)	1.29-3.22- —
1898 France	154	(a) (a)	(a)	c.20½-.20½-.20½
1899 Mass	18	7 M.	48-48-48	3.67-4.00-3.86
1899 N. C	18	12 M.	60-60-60	2.00-2.50-2.21
1900 Mass	18	7 M.	48-48-48	3.67-4.00-3.86
1900 N. C	18	9 M.	60-60-60	2.00-2.50-2.17

FOREMEN (NOT SPECIFIED), CARPETINGS.

1872	England	185	(a)	M.	59-59-59	1.61-1.61-1.61	1885	Gr't Brit	1	(a)	M.	60-60-60	1.75-2.08- —
1880	England	571	(a)	M.	57-57-57	2.03-2.03-2.03	1888	Canada	470	(a)	M.	60-60-60	2.33-2.33-2.33
1883	England	43	(a)	(a)	(a)	4.06-4.06-4.06	1889	Aust-Hun	179	(a)	M.	63-63-63	.67-1.24- —
1884	England	178	(a)	M.	56-56-56	1.22-2.43- —	1889	England	179	(a)	(a)	(a)	1.14-1.22- —
1885	N. Y	1	151	M.	60-66-61	2.00-4.00-2.31	1892	France	505	(a)	M.	60-66 —	.77-3.86- —

a Not reported.
b Not including hours of 68 persons not reported.
c Per hour.
d Applies to but 8 of the 9 wage quotations.
e Not including hours of 3 persons not reported.
f And *gratifications*.
g Applies to but 3 of the 4 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i One person reported as working 7 days (77 hours) per week.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, CAR REPAIRERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mich	279	15 M.	(a)	2.11-3.26-2.57
1887 Md	4	5 M.	(a)	1.80-2.30-1.95
1887 Mass	4	3 M.	(a)	2.15-3.00-2.55
1887 Mo	4	3 M.	(a)	3.45-5.18-4.28
1887 Oregon	4	2 M.	(a)	3.45-4.22-3.84
1887 Pa	4	2 M.	(a)	2.00-2.88-2.44
1890 Minn	292	1 M.	(a)	3.00-3.00-3.00
1893 Mich	285	1 M.	60-60-60	3.19-3.19-3.19

FOREMEN (NOT SPECIFIED), CARRIAGES AND WAGONS.

1848 N. Y	8	2 M.	60-60-60	2.00-2.00-2.00
1860 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00
1863 N. J	8	2 M.	60-60-60	2.50-3.00-2.75
1865 N. Y	8	2 M.	60-60-60	3.00-3.00-3.00
1873 Pa	379	3 M.	(a)	3.00-5.00-4.33
1873 Sweden	167	(a) M.	66-66-66	.80- .80- .80
1874 Canada	185	(a) M.	60-60-60	3.00-3.00-3.00
1877 Mass	8	1 M.	60-60-60	4.00-4.00-4.00
1877 England	570	(a) M.	(a)	2.07-3.24- —
1878 Ohio	360	37 M.	(a)	2.85-2.85-2.85
1879 Ohio	361	72 M.	(a)	2.71-2.94-2.77
1880 N. Y	8	3 M.	60-60-60	4.00-4.00-4.00
1880 England	571	(a) M.	(a)	2.03-3.24- —
1880 Ireland	571	(a) M.	58-58-58	3.00-3.00-3.00
1881 Ohio	363	2 M.	60-60-60	2.50-2.67-2.59
1882 Ohio	364	104 M.	b54-60-60	1.67-4.50-2.99
1883 Ohio	365	1 M.	60-60-60	2.50-2.50-2.50
1884 Mich	278	1 M.	(a)	3.50-3.50-3.50
1884 Ohio	366	256 M.	(a)	1.50-4.33-3.02
1885 Conn	1	3 M.	60-60-60	3.25-4.17-3.81
1885 Ill	1	11 M.	60-60-60	2.50-5.00-3.68
1885 Ohio	1	30 M.	60-60-60	2.00-3.33-2.92
1885 Germany	547	(a) (a)	(a)	.95-1.19- —
1886 C.of G'd H.	483	(a) (a)	(a)	2.43-2.43-2.43
1886 Italy	633	(a) M.	66-66-66	.97- .97- .97
1887 Wis	409	39 M.	(a)	3.09-3.09-3.09
1887 Germany	557	(a) (a)	60-66 —	.83-1.71- —
1888 N. Y	331	8 M.	c59-60-60	2.38-4.00-3.61
1888 Canada	470	(a) M.	60-60-60	2.09-2.09-2.09
1888 C.of G'd H.	483	(a) (a)	(a)	1.10-2.92- —
1888 Germany	558	(a) (a)	60-60-60	.82-1.59- —
1889 Canada	471	(a) M.	59-59-59	2.38-2.38-2.38
1890 Mich	282	9 M.	60-60-60	2.00-4.17-2.73
1890 Minn	292	2 M.	(a)	2.75-3.00-2.88
1890 N. Y	333	4 M.	(a)	1.50-2.00-1.81
1890 Ohio	371	129 M.	48-66-60	1.15-4.50-2.92
1891 N. Y	333	6 M.	(a)	1.50-2.67-1.92
1891 Ohio	372	37 M.	48-60-57	1.88-5.00-2.74
1891 France	505	(a) M.	63-70 —	1.54-3.09- —
1891 Italy	638	(a) M.	(a)	.97- .97- .97
1892 Ind	227	22 M.	60-60-60	2.00-3.39-2.77
1892 Iowa	235	2 M.	60-60-60	4.00-4.00-4.00
1892 Algeria	505	(a) M.	60-60-60	1.35-1.35-1.35
1892 Australia	424	(a) M.	(a)	2.03-4.06- —
1892 C.of G'd H.	486	(a) M.	(a)	1.34-3.41- —
1892 France	505	(a) M.	63-77 —	.82-2.70- —
1894 Ind	228	6 M.	58-58-58	2.39-2.39-2.39
1894 N. Y	8	18 M.	60-60-60	1.75-5.25-3.19
1894 N. C	8	1 M.	60-60-60	2.50-2.50-2.50
1894 France	129	(a) M.	60-60-60	1.54-3.08- —
1895 N. Y	8	50 M.	60-60-60	1.75-5.25-2.73
1895 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	1 M.	60-60-60	2.50-2.50-2.50
1895 Pa	8	2 M.	60-60-60	2.50-2.50-2.50
1896 Conn	8	20 M.	60-60-60	2.75-5.00-4.14
1896 N. J	8	4 M.	60-60-60	3.33-5.00-3.83
1896 N. Y	8	1 M.	60-60-60	5.83-5.83-5.83
1896 Ohio	8	1 M.	60-60-60	4.00-4.00-4.00
1896 Ohio	377	8 M.	48-60-53	1.60-2.50-2.00
1897 Conn	8	2 M.	60-60-60	4.00-5.00-4.50
1897 Pa	8	3 M.	60-60-60	3.00-3.00-3.00
1898 Mo	306	33 M.	(a)	2.30-3.83-2.94
1899 N. C	353	1 M.	60-60-60	1.75-1.75-1.75

FOREMEN, CARVERS, WOOD.

1868 Belgium	610	(a) (a)	60-60-60	1.06-1.06-1.06
1885 N. Y	7	1 M.	(a)	4.00-4.00-4.00
1886 Ohio	368	1 M.	(a)	3.39-3.39-3.39
1886 Germany	548	(a) (a)	(a)	.79-1.43- —
1889 Mich	281	2 M.	60-60-60	2.50-4.00-3.25
1894 Ga	8	1 M.	60-60-60	1.75-1.75-1.75

FOREMEN, CELLAR HANDS, BREWERY.

1883 Mass	273	1 M.	(a)	4.17-4.17-4.17
1885 Germany	547	(a) M.	(a)	1.82-2.02- —
1886 Germany	548	(a) (a)	(a)	d1.98-1.98-1.98
1887 Germany	557	(a) (a)	(a)	1.43-2.26- —
1887 Germany	557	(a) (a)	(a)	d1.24-1.24-1.24
1888 N. Y	331	5 M.	60-60-60	1.46-3.45-2.85
1888 Germany	558	(a) (a)	e60-66 —	1.21-2.38- —
1888 Germany	558	(a) (a)	f72-78 —	d1.24-1.37- —
1890 N. Y	333	1 M.	(a)	1.58-1.58-1.58
1891 Mo	300	2 M.	(a)	4.22-5.37-4.80
1891 N. Y	333	2 M.	(a)	2.50-2.67-2.59
1892 Cal	196	2 M.	54-60-57	2.50-4.17-3.34
1892 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1892 France	505	(a) M.	84-84-84	d1.35-1.54- —
1893 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	1 M.	(a)	3.00-3.00-3.00
1894 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1894 Ohio	375	1 M.	60-60-60	3.00-3.00-3.00
1895 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1895 Ohio	376	1 M.	60-60-60	4.17-4.17-4.17
1896 Ohio	377	1 M.	60-60-60	3.28-3.28-3.28

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 1 person not reported.
d And lodging.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, CHASERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Germany	547	(a)	M.	(a)	1.31-2.38- —	1887 Germany	557	(a)	(a)	60-60-60	1.19-1.43- —
1886 Germany	548	(a)	(a)	(a)	1.19-1.98- —	1888 Germany	558	(a)	(a)	60-60-60	1.19-1.59- —

FOREMEN, CHEWING-GUM MAKERS.

1880 Ky	7	1	M.	60-60-60	1.75-1.75-1.75	1891 Ohio	372	3	M.	57-60-58	2.00-3.00-2.42
1886 Mich	7	1	M.	60-60-60	3.00-3.00-3.00	1896 Ky	7	1	M.	60-60-60	1.75-1.75-1.75
1890 Ohio	371	1	(a)	60-60-60	2.00-2.00-2.00	1896 Mich	7	1	M.	60-60-60	3.33-3.33-3.33

FOREMEN (NOT SPECIFIED), CHOCOLATE AND COCOA.

1891 France	505	(a)	M.	66-66-66	2.32-2.32-2.32	1898 Denmark	493	(a)	M.	(a)	1.61-1.61-1.61
1892 France	505	(a)	M.	54-69 —	.97-1.93- —						

FOREMEN, CIGAR MAKERS.

1868 Germany	185	(a)	M.	(a)	1.50-1.50-1.50	1887 Germany	557	(a)	(a)	60-66 —	.83-1.39- —
1868 Germany	610	(a)	M.	66-66-66	.37- .43- —	1888 Iowa	233	1	M.	60-60-60	3.50-3.50-3.50
1868 Germany	610	(a)	M.	(a)	b1.40-1.40-1.40	1888 N. Y.	331	14	M.	d46-58-53	2.00-3.33-2.60
1878 Ohio	7	2	M.	(a)	4.17-4.17-4.17	1888 Canada	470	(a)	M.	58-58-58	2.23-2.23-2.23
1882 Ohio	364	16	M.	60-60-60	2.48-2.48-2.48	1888 Germany	558	(a)	(a)	42-60 —	.71-1.43- —
1882 Wis	7	1	M.	48-48-48	4.17-4.17-4.17	1889 Canada	471	(a)	M.	53-53-53	2.00-2.00-2.00
1883 N. J.	322	1	M.	54-54-54	1.50-1.50-1.50	1890 Kans	244	1	M.	(a)	3.75-3.75-3.75
1884 Iowa	7	1	M.	58-58-58	2.00-2.00-2.00	1890 Minn	292	2	M.	(a)	3.15-3.35-3.25
1884 N. J	323	1	M.	(a)	2.50-2.50-2.50	1890 N. Y.	333	104	M.	(a)	1.67-10.00-3.09
1884 Ohio	366	39	M.	(a)	1.50-4.17-2.80	1890 Ohio	371	6	(a)	54-60-58	1.50-2.66-2.02
1884 Aust-Hun	178	(a)	M.	60-60-60	.30- .80- —	1891 N. Y.	333	108	M.	(a)	1.67-10.00-3.07
1884 Germany	178	(a)	M.	(a)	.72-1.19- —	1891 Ohio	372	11	M.	48-60-53	1.75-2.66-2.40
1884 Netherl'ds	178	(a)	M.	68-68-68	1.33-2.20- —	1892 Iowa	235	1	(a)	48-48-48	2.17-2.17-2.17
1885 Ill	1	2	M.	60-60-60	2.91-2.91-2.91	1892 Germany	184	(a)	M.	(a)	1.47-1.47-1.47
1885 Ill	7	1	M.	60-60-60	2.50-2.50-2.50	1893 Ill	10	2	M.	48-64-56	3.67-4.17-3.92
1885 La	7	1	M.	55-55-55	4.17-4.17-4.17	1893 N. Y.	10	1	M.	65-65-65	2.50-2.50-2.50
1885 Md	7	1	M.	60-60-60	4.17-4.17-4.17	1894 Iowa	236	5	M.	54-60-56	2.50-3.00-2.73
1885 Minn	7	1	M.	(a)	3.58-3.58-3.58	1894 N. Y.	8	2	M.	60-60-60	3.00-3.00-3.00
1885 N. J	7	3	M.	58-58-58	1.67-2.00-1.89	1895 La	7	1	M.	55-55-55	5.00-5.00-5.00
1885 N. J	324	1	M.	57-57-57	2.17-2.17-2.17	1895 Md	7	1	M.	(a)	5.00-5.00-5.00
1885 N. Y.	7	2	M.	59-60-60	2.75-4.17-3.46	1895 N. J	7	1	M.	56-56-56	2.67-2.67-2.67
1885 Ohio	1	11	M.	54-60-58	2.50-3.00-2.86	1895 N. Y.	7	1	M.	59-59-59	4.67-4.67-4.67
1885 W. Va	1	1	M.	60-60-60	2.50-2.50-2.50	1896 Ill	7	1	M.	48-48-48	2.50-2.50-2.50
1885 Germany	547	(a)	M.	(a)	.99-1.79- —	1896 Iowa	7	3	M.	48-48-48	1.67-6.67-3.94
1886 Iowa	7	1	M.	60-60-60	5.00-5.00-5.00	1896 Mich	7	3	M.	40-48-45	2.50-3.33-2.94
1886 Mich	7	2	M.	45-60-53	3.00-3.33-3.17	1896 Minn	7	1	M.	48-48-48	2.50-2.50-2.50
1886 N. Y.	7	2	M.	58-60-59	3.50-4.17-3.84	1896 N. Y.	7	3	M.	58-60-59	3.17-5.21-4.13
1886 Pa	7	2	M.	c58-58-58	2.00-2.25-2.13	1896 Ohio	7	4	M.	45-54-52	4.17-4.17-4.17
1886 Canada	468	(a)	M.	54-54-54	2.40-2.40-2.40	1896 Pa	7	3	M.	52-52-52	2.25-2.83-2.53
1886 Germany	548	(a)	(a)	(a)	.83-1.79- —	1896 Wis	7	1	M.	48-48-48	4.17-4.17-4.17
1887 Wis	409	12	M.	(a)	2.99-2.99-2.99	1898 Mo	306	5	M.	(a)	1.99-7.67-4.46

FOREMEN (NOT SPECIFIED), CLOCKS AND WATCHES.

1839 England	562	(a)	M.	58-58-58	3.24-3.24-3.24	1891 France	505	(a)	M.	60-60-60	1.93-1.93-1.93
1849 England	562	(a)	M.	58-58-58	2.43-2.43-2.43	1891 Germany	184	(a)	M.	(a)	1.64-1.64-1.64
1859 England	562	(a)	M.	58-58-58	2.43-2.43-2.43	1892 Australia	424	(a)	M.	(a)	3.24-7.30- —
1886 Germany	184	(a)	M.	(a)	.89- .91- —	1892 France	505	(a)	M.	60-77 —	.63-1.93- —
1888 Germany	558	(a)	(a)	57-60 —	.68-1.37- —	1892 Germany	184	(a)	M.	(a)	1.64-1.64-1.64

a Not reported.
b And board and lodging.
c Not including hours of 1 person not reported.
d Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England	185	(a) M.	60-60-60	1.21-1.70- —
1871 England	629	(a) M.	(a)	1.70-1.70-1.70
1878 Ohio	360	2 M.	(a)	4.17-4.17-4.17
1880 Ga	7	1 M.	(a)	1.67-1.67-1.67
1881 Mo	7	1 M.	54-54-54	3.33-3.33-3.33
1884 Ohio	366	53 M.	(a)	2.50-12.50-5.01
1884 Va	7	1 M.	55-55-55	2.00-2.00-2.00
1884 Germany	178	(a) M.	72-72-72	.82-1.23- —
1885 Ill	7	2 M.	b54-54-54	2.67-4.17-3.42
1885 Iowa	7	1 M.	53-53-53	1.75-1.75-1.75
1885 La	7	1 M.	(a)	2.50-2.50-2.50
1885 Md	7	3 M.	54-60-58	2.50-3.33-3.06
1885 N. Y	7	3 M.	54-60-58	2.25-5.00-3.19
1885 Ohio	7	1 M.	58-58-58	5.83-5.83-5.83
1885 Germany	547	(a) M.	(a)	.95-1.79- —
1886 Iowa	7	1 M.	60-60-60	2.50-2.50-2.50
1886 Md	7	1 M.	60-60-60	2.50-2.50-2.50
1886 Mich	7	1 M.	(a)	2.67-2.67-2.67
1886 N. Y	7	3 M.	b57-60-59	3.00-4.17-3.50
1886 Pa	7	1 M.	56-56-56	2.67-2.67-2.67
1887 Wis	409	13 M.	(a)	4.72-4.72-4.72
1887 Germany	557	(a) (a)	48-54 —	.66-1.59- —
1888 N. Y	331	1 M.	60-60-60	3.00-3.00-3.00
1888 England	631	(a) M.	(a)	2.03-2.03-2.03
1888 Germany	558	(a) (a)	48-60 —	.83-1.69- —
1890 N. Y	333	16 M.	(a)	2.00-10.00-4.26
1890 Australia	423	(a) (a)	48-48-48	2.43-3.24- —
1891 N. Y	333	46 M.	(a)	1.51-10.00-3.77
1891 Ohio	372	1 M.	57-57-57	1.75-1.75-1.75
1891 France	505	(a) M.	60-60-60	c3.52-4.15- —
1892 Australia	424	(a) M.	(a)	2.84-2.84-2.84
1892 France	505	(a) M.	54-77 —	.48-2.32- —
1893 Mo	302	3 M.	(a)	3.53-7.70-5.24
1893 N. Y	10	1 M.	48-48-48	3.54-3.54-3.54
1893 Pa	10	1 M.	52-52-52	3.83-3.83-3.83
1894 Ind	228	2 M.	57-60-59	2.00-3.00-2.50
1894 N. Y	8	2 M.	60-60-60	4.00-5.00-4.50
1894 N. C	8	1 M.	54-54-54	3.00-3.00-3.00
1894 Australia	425	(a) (a)	(a)	1.62-4.87- —
1894 France	129	(a) M.	60-60-60	1.93-3.86- —
1894 France	506	(a) M.	d60-72 —	1.11-2.25- —
1895 Ga	7	1 M.	60-60-60	1.33-1.33-1.33
1895 Ill	7	3 M.	54-54-54	4.00-5.00-4.39
1895 Ill	8	3 M.	54-54-54	4.17-4.17-4.17
1895 Ky	7	1 M.	60-60-60	3.00-3.00-3.00
1895 La	7	1 M.	60-60-60	2.50-2.50-2.50
1895 Md	7	1 M.	54-54-54	3.33-3.33-3.33
1895 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1895 Mo	7	1 M.	54-54-54	3.33-3.33-3.33
1895 Mo	304	2 M.	(a)	2.71-4.17-3.44
1895 N. J	7	1 M.	58-58-58	2.50-2.50-2.50
1895 N. J	8	1 M.	60-60-60	3.33-3.33-3.33
1895 N. Y	7	3 M.	50-60-57	2.33-5.83-3.50
1895 N. Y	8	16 M.	54-60-58	2.33-10.00-4.89
1895 Ohio	7	2 M.	58-58-58	5.83-5.83-5.83
1895 Va	7	1 M.	55-55-55	2.00-2.00-2.00
1895 Australia	426	(a) (a)	(a)	1.62-4.87- —
1895 Ireland	8	(a) M.	60-60-60	1.50-1.67- —
1896 Ill	7	1 M.	57-57-57	2.83-2.83-2.83
1896 Iowa	7	2 M.	48-53-51	1.50-2.33-1.92
1896 Md	7	8 M.	57-60-60	2.00-6.50-3.27
1896 Mich	7	2 M.	60-60-60	2.00-2.67-2.34
1896 N. Y	7	3 M.	57-60-59	3.33-4.17-3.61
1896 Pa	7	2 M.	56-56-56	3.00-4.17-3.59
1896 Australia	427	(a) (a)	(a)	1.62-4.87- —
1897 Australia	428	(a) (a)	(a)	1.62-4.87- —
1898 Mo	306	39 M.	(a)	1.15-7.09-3.29
1898 N. J	329	1 M.	60-60-60	1.33-1.33-1.33
1898 Australia	429	(a) (a)	(a)	2.03-4.87- —

FOREMEN, COAL HANDLERS.

1878 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1879 Mass	190	1 M.	60-60-60	2.25-2.25-2.25
1880 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1881 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1882 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1883 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1884 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1885 Mich	279	5 M.	(a)	1.73-2.30-1.84
1887 Mass	4	2 M.	(a)	2.31-2.31-2.31
1887 Mo	4	27 M.	(a)	.38-2.57-1.57
1887 N. Y	4	3 M.	(a)	1.35-1.73-1.48
1887 Pa	4	7 M.	(a)	1.34-1.92-1.51
1887 Pa	4	5 M.	(a)	e.12- .17- .14
1887 Wis	4	4 M.	(a)	1.73-1.75-1.74
1892 Ohio	20	2 M.	60-60-60	2.50-2.50-2.50
1893 Ohio	20	2 M.	60-60-60	2.50-2.50-2.50
1894 Ohio	20	1 M.	60-60-60	2.50-2.50-2.50
1895 Ohio	20	1 M.	60-60-60	2.50-2.50-2.50

FOREMEN (NOT SPECIFIED), COAL MINING.

1854 France	463	(a) (a)	(a)	.94- .94- .94
1855 Belgium	598	(a) (a)	(a)	.49- .49- .49
1856 Belgium	598	(a) (a)	(a)	.49- .49- .49
1857 Belgium	598	(a) (a)	(a)	.49- .49- .49
1858 Belgium	598	(a) (a)	(a)	.49- .49- .49
1859 Belgium	598	(a) (a)	(a)	.49- .49- .49
1860 Belgium	598	(a) (a)	(a)	.55- .55- .55
1861 Belgium	598	(a) (a)	(a)	.55- .55- .55
1862 Belgium	598	(a) (a)	(a)	.56- .56- .56
1863 Belgium	598	(a) (a)	(a)	.56- .56- .56
1864 Belgium	598	(a) (a)	(a)	.56- .56- .56
1865 Belgium	598	(a) (a)	(a)	.56- .56- .56
1866 Belgium	598	(a) (a)	(a)	.65- .65- .65
1867 Belgium	598	(a) (a)	(a)	.65- .65- .65
1868 Belgium	598	(a) (a)	(a)	.65- .65- .65
1869 Belgium	598	(a) (a)	(a)	.65- .65- .65
1870 Belgium	598	(a) (a)	(a)	.65- .65- .65
1871 Belgium	598	(a) (a)	(a)	.72- .72- .72
1872 Belgium	598	(a) (a)	(a)	.75- .75- .75
1873 Belgium	598	(a) (a)	(a)	.86- .86- .86
1873 England	185	(a) M.	(a)	f1.51-2.30- —
1874 Pa	380	1 M.	(a)	3.45-3.45-3.45

a Not reported.
b Not including hours of 1 person not reported.
c And *gratifications*.
d Applies to but 6 of the 10 wage quotations.
e Per hour.
f And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), COAL MINING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1874 Belgium	598	(a) (a)	(a)	0.86-0.86-0.86
1874 England	185	(a) M.	(a)	2.02-2.42- —
1874 Wales	185	(a) M.	(a)	1.16-1.23- —
1875 Pa	380	1 M.	(a)	3.00-3.00-3.00
1875 Belgium	598	(a) (a)	(a)	.86- .86- .86
1876 Pa	381	374 M.	(a)	1.50-5.37-3.17
1876 Belgium	598	(a) (a)	(a)	.86- .86- .86
1877 Pa	382	399 M.	b48-72-60	1.60-5.00-3.13
1877 Pa	382	1 M.	60-60-60	c2.88-2.88-2.88
1877 Belgium	598	(a) (a)	(a)	.86- .86- .86
1878 Pa	383	350 M.	d36-72-58	1.50-6.00-2.91
1878 Belgium	598	(a) (a)	(a)	.86- .86- .86
1878 England	177	(a) M.	(a)	.90- .90- .90
1879 Pa	384	401 M.	e42-60-60	1.44-5.75-2.87
1879 Belgium	598	(a) (a)	(a)	.86- .86- .86
1880 Belgium	598	(a) (a)	(a)	.86- .86- .86
1881 Belgium	598	(a) (a)	(a)	.86- .86- .86
1882 Ohio	364	1 (a)	(a)	1.75-1.75-1.75
1882 Belgium	598	(a) (a)	(a)	.86- .86- .86
1883 Belgium	598	(a) (a)	(a)	.86- .86- .86
1884 Belgium	178	(a) M.	(a)	1.04-1.04-1.04
1884 Belgium	598	(a) (a)	(a)	.86- .86- .86
1884 Germany	178	(a) M.	60-60-60	1.09-1.37- —
1885 Belgium	598	(a) (a)	(a)	.86- .86- .86
1885 Gr't Brit	1	(a) M.	60-60-60	1.68-2.40- —
1886 Belgium	456	(a) M.	(a)	.68- .82- —
1886 Belgium	598	(a) (a)	(a)	.86- .86- .86
1886 Spain	66	(a) M.	60-60-60	1.00-1.00-1.00
1887 Ohio	369	2 M.	60-60-60	2.00-2.00-2.00
1888 Ind	5	1 M.	(a)	1.75-1.75-1.75
1888 Ohio	365	1 M.	(a)	2.60-2.60-2.60
1888 France	463	(a) (a)	(a)	1.30-1.30-1.30
1889 Ala	189	57 (a)	(a)	2.43-2.82-2.52
1889 Ark	189	5 (a)	(a)	2.00-3.40-2.69
1889 Colo	189	53 (a)	(a)	2.92-4.75-3.50
1889 Ill	189	217 (a)	(a)	1.00-3.90-2.33
1889 Ill	209	10 M.	(a)	1.91-2.27-2.14
1889 Ind	5	1 M.	(a)	2.00-2.00-2.00
1889 Ind	189	74 (a)	(a)	1.25-2.89-2.36
1889 Ind. T	189	11 (a)	(a)	2.55-2.55-2.55
1889 Iowa	189	147 (a)	(a)	1.80-2.75-2.20
1889 Kans	189	69 (a)	(a)	1.67-3.63-2.37
1889 Ky	189	76 (a)	(a)	2.02-2.85-2.44
1889 Md	189	15 (a)	(a)	3.04-3.04-3.04
1889 Mich	189	7 (a)	(a)	2.05-2.25-2.10
1889 Mo	189	122 (a)	(a)	1.65-2.42-2.09
1889 Mont	189	9 (a)	(a)	3.90-6.50-5.28
1889 N. Mex	189	13 (a)	(a)	3.16-3.30-3.27
1889 N. Dak	189	7 (a)	(a)	2.29-2.29-2.29
1889 Ohio	189	221 (a)	(a)	1.50-2.75-2.28
1889 Pa	5	2 M.	(a)	3.19-3.26-3.23
1889 Pa	189	942 (a)	(a)	1.75-3.25-2.65
1889 Tenn	189	48 (a)	(a)	1.80-2.97-2.47
1889 Tex	189	7 (a)	(a)	2.91-2.91-2.91
1889 Utah	189	3 (a)	(a)	3.63-3.63-3.63
1889 Va	189	16 (a)	(a)	1.30-2.32-1.99
1889 Wash	189	21 (a)	(a)	3.18-4.00-3.76
1889 W. Va	189	117 (a)	(a)	1.50-3.44-2.48
1889 Wyo	189	10 (a)	(a)	3.62-5.41-4.42
1889 Belgium	5	(a) M.	f60-72 —	.75-1.32- —
1889 Canada	5	(a) M.	60-60-60	2.00-2.00-2.00
1889 Germany	514	(a) (a)	(a)	.95-1.07- —
1889 Portugal	691	(a) M.	60-84 —	.65- .82- —
1890 Aust-Hun	632	(a) M.	(a)	.68- .68- .68
1890 Belgium	5	(a) M.	(a)	.48- .62- —
1890 England	5	(a) M.	(a)	2.64-2.64-2.64
1891 Aust-Hun	632	(a) M.	(a)	.48- .73- —
1891 Belgium	457	(a) M.	g72-72-72	.65- .97- —
1891 Br. India	620	(a) M.	(a)	.08- .11- —
1892 France	505	(a) M.	h48-72 —	.48-2.90- —
1892 France	505	(a) M.	48-60 —	i.24-1.93- —
1892 France	505	(a) M.	54-54-54	j.64-1.16- —
1893 Mo	302	2 M.	(a)	2.00-2.93-2.47
1894 Mont	308	4 M.	(a)	4.70-4.70-4.70
1895 Aust-Hun	440	(a) M.	(a)	.37-1.07- —
1896 Aust-Hun	441	(a) M.	(a)	.41-1.09- —
1897 Pa	395	4 M.	(a)	1.45-1.92-1.57
1898 China	153	(a) (a)	(a)	.35-1.04- —
1899 Tenn	403	22 M.	(a)	1.45-2.60-2.03

FOREMEN, COAL YARD.

1888	N. Y.	331	5	M.	k60-60-60	1.92-2.88-2.36	1894	Iowa	236	1	M.	72-72-72	1.67-1.67-1.67
1891	France	505	(a)	M.	70-70-70	.97-1.11- —							

FOREMEN (NOT SPECIFIED), COFFEE AND SPICES.

1880	N. Y.	7	1	M.	(a)	2.50-2.50-2.50	1894	Ohio	375	1	M.	54-54-54	3.33-3.33-3.33
1882	Wis	7	1	M.	57-57-57	4.00-4.00-4.00	1894	Pa	20	2	M.	60-60-60	2.50-3.00-2.75
1885	Mo	7	2	M.	60-60-60	3.50-4.50-4.00	1895	Mo	7	2	M.	60-60-60	4.17-5.00-4.58
1885	N. Y.	7	3	M.	59-59-59	2.67-2.67-2.67	1895	N. Y.	7	4	M.	59-60-59	2.33-2.67-2.58
1887	Wis	409	2	M.	(a)	2.90-2.90-2.90	1895	Pa	20	2	M.	60-60-60	2.50-3.00-2.75
1890	N. Y.	333	1	M.	(a)	2.33-2.33-2.33	1896	Ill	7	1	M.	54-54-54	4.50-4.50-4.50
1891	N. Y.	333	1	M.	(a)	2.33-2.33-2.33	1896	Wis	7	1	M.	57-57-57	4.42-4.42-4.42
1891	Ohio	372	2	M.	54-60-57	2.00-3.33-2.67	1897	Australia	428	(a)	(a)	(a)	3.65-3.65-3.65
1892	Pa	20	2	M.	60-60-60	2.50-3.00-2.75	1898	Australia	429	(a)	(a)	(a)	2.03-3.65- —
1893	Pa	20	2	M.	60-60-60	2.50-3.00-2.75							

a Not reported.
b Not including hours of 254 persons not reported.
c And house.
d Not including hours of 279 persons not reported.
e Not including hours of 140 persons not reported.
f Applies to but 22 of the 24 wage quotations.
g Applies to but 2 of the 4 wage quotations.
h Applies to but 49 of the 50 wage quotations.
i And lodging.
j And premiums.
k Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), COFFINS AND CASKETS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1877 Ohio	359	1 M.	(a)	3.00-3.00-3.00
1881 Ohio	7	1 M.	60-60-60	3.00-3.00-3.00
1884 Ohio	366	37 M.	(a)	1.67-4.52-3.17
1884 Pa	7	2 M.	60-60-60	3.00-3.00-3.00
1886 Minn	7	1 M.	60-60-60	4.17-4.17-4.17
1887 Wis	409	2 M.	(a)	2.50-2.50-2.50
1888 N. Y.	331	6 M.	(a)	3.22-3.22-3.22
1889 Canada	471	(a) M.	60-60-60	2.69-2.69-2.69
1890 N. Y.	333	3 M.	(a)	3.00-3.50-3.17
1890 Ohio	371	2 M.	51-51-51	2.25-2.25-2.25
1891 N. Y.	333	3 M.	(a)	3.00-3.50-3.17
1891 Ohio	372	4 M.	60-60-60	5.30-5.30-5.30
1892 Ind	227	4 M.	54-54-54	3.08-3.08-3.08
1894 Ind	228	2 M.	49-49-49	2.62-2.62-2.62
1895 N. Y.	8	2 M.	60-60-60	2.50-4.00-3.25
1896 Minn	7	2 M.	60-60-60	3.40-4.08-3.74
1896 Ohio	7	1 M.	60-60-60	3.33-3.33-3.33
1896 Pa	7	3 M.	54-54-54	3.00-3.33-3.22

FOREMEN (NOT SPECIFIED), COKE.

1885	Pa	1	30	M.	48-60-50	2.00-2.72-2.36	1889	Belgium	5	(a)	M.	c 70-84 — .58-1.00- —
1886	England	602	(a)	M.	(a)	1.37-1.37-1.37	1889	Germany	5	(a)	M.	70-72 — .73-1.37- —
1888	Germany	5	(a)	M.	72-72-72	.71-1.07- —	1890	Ala	5	3	M.	60-60-60 1.25-4.00-2.71
1889	Ala	5	9	M.	b 48-70-62	1.60-6.00-3.06	1890	Australia	423	(a)	(a)	60-60-60 2.84-2.84-2.84
1889	Ill	5	1	M.	72-72-72	2.75-2.75-2.75	1892	Ohio	20	1	M.	72-72-72 3.25-3.25-3.25
1889	Ohio	5	1	M.	60-60-60	1.50-1.50-1.50	1892	France	505	(a)	M.	63-63-63 .77- .77- .77
1889	Pa	5	18	M.	c 48-72-63	1.75-3.26-2.37	1893	Ohio	20	1	M.	72-72-72 3.25-3.25-3.25
1889	Tenn	5	4	M.	d 70-70-70	1.25-2.30-2.03	1894	Ohio	20	1	M.	72-72-72 3.25-3.25-3.25
1889	Va	5	1	M.	(a)	2.49-2.49-2.49	1895	Ohio	20	1	M.	72-72-72 3.00-3.00-3.00
1889	W. Va	5	4	M.	d 70-70-70	1.92-3.83-2.44						

FOREMEN, COLLAR AND CUFF MAKERS.

1885	N. Y.	7	2	M.	56-56-56	2.00-2.67-2.34	1891	N. Y.	333	4	M.	(a) 2.50-5.00-3.34
1888	N. Y.	331	1	M.	59-59-59	3.33-3.33-3.33	1895	N. Y.	7	1	M.	56-56-56 2.67-2.67-2.67
1890	N. Y.	333	1	M.	(a)	3.19-3.19-3.19	1895	N. Y.	8	1	M.	59-59-59 2.67-2.67-2.67

FOREMEN, COLLAR MAKERS, HARNESS.

1885	Conn	7	1	M.	60-60-60	2.67-2.67-2.67	1895	Conn	7	1	M.	60-60-60 2.67-2.67-2.67
1890	Minn	292	1	M.	(a)	3.00-3.00-3.00	1895	Mo	304	2	M.	(a) 2.99-3.83-3.41

FOREMEN, COMB MAKERS.

1892	France	505	(a)	M.	60-72 —	1.00-1.27- —	1895	Pa	8	3	M.	60-60-60 2.50-2.50-2.50
1895	Mass	8	2	M.	60-60-60	2.50-2.50-2.50						

FOREMEN, COMPOSITORS.

1846	Conn	190	1	M.	60-60-60	1.67-1.67-1.67	1854	N. Y.	190	2	M.	(a) 1.67-2.00-1.84
1847	Conn	190	1	M.	60-60-60	1.67-1.67-1.67	1855	N. Y.	190	2	M.	(a) 1.67-2.00-1.84
1848	Conn	190	1	M.	60-60-60	2.00-2.00-2.00	1856	N. Y.	190	3	M.	(a) 2.00-3.33-2.44
1849	Conn	190	1	M.	60-60-60	2.00-2.00-2.00	1857	N. Y.	190	4	M.	c 60-60-60 1.84-3.33-2.46
1850	Conn	190	1	M.	60-60-60	2.24-2.24-2.24	1858	N. Y.	190	5	M.	d 60-60-60 1.84-3.33-2.40
1851	Conn	190	1	M.	60-60-60	2.56-2.56-2.56	1859	N. Y.	190	4	M.	c 60-60-60 1.84-2.50-2.25
1851	N. Y.	190	1	M.	(a)	1.67-1.67-1.67	1860	N. Y.	190	4	M.	c 60-60-60 1.84-2.50-2.25
1852	Conn	190	1	M.	60-60-60	3.20-3.20-3.20	1861	N. Y.	190	4	M.	c 60-60-60 1.84-2.50-2.25
1852	N. Y.	190	1	M.	(a)	1.67-1.67-1.67	1862	N. Y.	190	5	M.	d 60-60-60 1.67-2.50-2.13
1853	Conn	190	1	M.	60-60-60	3.20-3.20-3.20	1863	N. Y.	190	4	M.	c 60-60-60 1.84-2.50-2.25
1853	N. Y.	190	3	M.	(a)	1.67-2.00-1.78	1864	N. Y.	190	4	M.	c 59-59-59 2.50-3.00-2.83

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 3 persons not reported.
e Applies to but 8 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, COMPOSITORS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1865 N. Y	190	4 M.	a59-59-59	3.00-3.33-3.17
1866 Conn	190	2 M.	60-60-60	3.83-3.84-3.84
1866 N. Y	190	5 M.	b59-59-59	3.00-3.33-3.13
1867 Conn	190	2 M.	60-60-60	3.83-3.84-3.84
1867 N. Y	190	6 M.	c59-59-59	3.00-3.33-3.14
1868 Conn	190	4 M.	60-60-60	3.34-3.84-3.67
1868 N. Y	190	5 M.	b59-59-59	3.17-3.50-3.33
1869 N. Y	190	4 M.	a59-59-59	3.33-3.50-3.37
1870 N. Y	190	5 M.	b59-59-59	3.33-3.50-3.37
1870 France	17	(d) M.	(d)	1.45-1.45-1.45
1871 N. Y	190	5 M.	b59-59-59	3.33-3.67-3.43
1871 France	17	(d) M.	(d)	1.45-1.45-1.45
1872 Conn	190	3 M.	60-60-60	3.67-4.17-3.83
1872 N. Y	190	6 M.	c59-59-59	2.50-3.67-3.28
1872 France	17	(d) M.	(d)	1.45-1.45-1.45
1873 Conn	190	3 M.	60-60-60	3.67-4.17-3.83
1873 N. Y	190	7 M.	c59-59-59	2.50-3.83-3.36
1873 France	17	(d) M.	(d)	1.45-1.45-1.45
1874 Conn	190	4 M.	60-60-60	3.34-4.17-3.71
1874 Ill	185	1 M.	59-59-59	4.00-4.00-4.00
1874 N. Y	190	7 M.	c59-59-59	2.44-3.83-3.35
1874 France	17	(d) M.	(d)	1.45-1.45-1.45
1875 Conn	7	1 M.	59-59-59	3.33-3.33-3.33
1875 Conn	190	4 M.	60-60-60	3.34-4.17-3.63
1875 N. Y	190	7 M.	c59-59-59	3.00-3.83-3.45
1875 France	17	(d) M.	(d)	1.45-1.45-1.45
1876 Conn	190	4 M.	60-60-60	3.00-4.17-3.54
1876 N. Y	190	9 M.	f59-60-59	3.00-3.83-3.35
1876 France	17	(d) M.	(d)	1.45-1.45-1.45
1877 Conn	190	5 M.	60-60-60	3.00-4.17-3.50
1877 N. Y	190	9 M.	f59-60-59	2.83-3.83-3.33
1877 France	17	(d) M.	(d)	1.45-1.45-1.45
1878 Conn	190	6 M.	60-60-60	2.84-4.17-3.28
1878 N. Y	190	8 M.	f59-60-60	2.67-3.50-3.12
1878 France	17	(d) M.	(d)	1.45-1.45-1.45
1879 Conn	190	4 M.	60-60-60	2.84-3.75-3.27
1879 N. Y	190	8 M.	e59-60-59	2.50-3.50-3.00
1879 France	17	(d) M.	(d)	1.45-1.45-1.45
1880 Conn	190	5 M.	60-60-60	2.50-3.75-3.25
1880 Ky	7	1 M.	60-60-60	3.83-3.83-3.83
1880 N. Y	7	1 M.	60-60-60	3.33-3.33-3.33
1880 N. Y	190	6 M.	b59-60-59	2.50-3.50-3.03
1880 Pa	385	1 M.	60-60-60	2.17-2.17-2.17
1880 France	17	(d) M.	(d)	1.45-1.45-1.45
1881 Conn	190	3 M.	60-60-60	2.84-4.17-3.39
1881 N. Y	190	6 M.	b59-60-59	2.50-3.33-2.97
1881 France	17	(d) M.	(d)	1.45-1.45-1.45
1882 Conn	190	5 M.	60-60-60	2.84-4.17-3.37
1882 Mo	7	1 M.	59-59-59	3.33-3.33-3.33
1882 N. Y	190	6 M.	b59-60-59	2.00-3.33-2.94
1882 France	17	(d) M.	(d)	1.45-1.45-1.45
1883 Conn	190	3 M.	60-60-60	3.34-4.17-3.67
1883 Mass	273	4 M.	(d)	4.17-4.17-4.17
1883 N. Y	190	6 M.	b59-60-59	2.50-3.33-3.03
1883 France	17	(d) M.	(d)	1.45-1.45-1.45
1884 Conn	190	3 M.	60-60-60	3.17-4.17-3.56
1884 Ga	7	1 M.	54-54-54	3.67-3.67-3.67
1884 Ky	7	1 M.	59-59-59	3.00-3.00-3.00
1884 Mich	278	3 M.	(d)	3.00-3.50-3.17
1884 N. J	323	3 M.	48-60-52	2.33-3.33-3.00
1884 N. Y	190	7 M.	c59-60-59	2.50-4.17-3.19
1884 Pa	7	1 M.	59-59-59	3.67-3.67-3.67
1884 Tenn	7	1 M.	59-59-59	3.33-3.33-3.33
1884 England	178	(d) M.	55-55-55	2.43-3.24- —
1884 France	17	(d) M.	(d)	1.45-1.45-1.45
1884 Germany	178	(d) M.	g57-57-57	1.19-1.90- —
1884 Italy	178	(d) M.	(d)	.48- .57- —
1884 Russia	178	(d) M.	60-60-60	.77- .77- .77
1885 Conn	190	4 M.	60-60-60	3.17-4.17-3.50
1885 Ga	7	1 M.	60-60-60	4.17-4.17-4.17
1885 Ill	7	1 M.	59-59-59	5.83-5.83-5.83
1885 La	7	1 M.	60-60-60	3.67-3.67-3.67
1885 Me	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Mass	7	3 M.	54-59-56	2.50-5.50-3.64
1885 Mo	7	1 M.	59-59-59	3.00-3.00-3.00
1885 N. Y	7	5 M.	h59-59-59	2.50-4.17-3.53
1885 N. Y	190	7 M.	c59-60-59	2.50-4.17-3.19
1885 S. C	7	1 M.	59-59-59	4.33-4.33-4.33
1885 Wis	408	1 M.	60-60-60	3.02-3.02-3.02
1885 France	17	(d) M.	(d)	1.45-1.45-1.45
1886 Conn	190	4 M.	60-60-60	3.17-4.17-3.50
1886 Iowa	7	2 M.	60-60-60	2.50-3.21-2.86
1886 Mich	7	1 M.	59-59-59	3.00-3.00-3.00
1886 N. Y	7	3 M.	59-60-59	2.17-4.08-3.08
1886 N. Y	190	6 M.	b59-60-59	2.50-4.17-3.19
1886 Pa	7	1 M.	59-59-59	2.17-2.17-2.17
1886 France	17	(d) M.	(d)	1.45-1.45-1.45
1887 Conn	190	3 M.	60-60-60	3.34-4.17-3.72
1887 Conn	202	2 M.	(d)	3.75-3.75-3.75
1887 N. Y	7	1 M.	(d)	4.17-4.17-4.17
1887 N. Y	190	8 M.	c59-60-59	3.00-4.17-3.27
1887 Canada	469	(d) M.	56-56-56	2.44-2.45- —
1887 France	17	(d) M.	(d)	1.45-1.45-1.45
1888 Conn	190	3 M.	60-60-60	3.34-4.17-3.72
1888 N. Y	190	6 M.	b59-60-59	3.00-4.17-3.31
1888 Canada	470	(d) M.	58-58-58	2.08-2.08-2.08
1888 France	17	(d) M.	(d)	1.45-1.45-1.45
1888 Germany	558	(d) (d)	56-56-56	1.79-2.50- —
1889 Conn	190	3 M.	60-60-60	3.34-4.17-3.89
1889 N. Y	190	5 M.	c59-59-59	3.17-4.17-3.50
1889 France	17	(d) M.	(d)	1.45-1.45-1.45
1890 Conn	190	3 M.	60-60-60	3.67-4.17-4.00
1890 Ill	19	2 M.	(d)	3.50-5.00-4.25
1890 Kans	244	2 M.	(d)	2.33-3.00-2.67
1890 Minn	292	16 M.	(d)	4.00-6.65-4.46
1890 N. Y	190	6 M.	b59-60-59	3.00-4.17-3.42
1890 N. Y	333	3 M.	(d)	1.67-4.15-3.22
1890 Ohio	371	25 M.	54-60-58	2.00-4.00-3.13
1890 France	17	(d) M.	(d)	1.45-1.45-1.45
1891 Conn	190	3 M.	60-60-60	4.00-4.17-4.11
1891 Ill	19	5 M.	(d)	3.50-5.00-4.00
1891 N. Y	190	7 M.	e59-59-59	3.00-4.17-3.36
1891 N. Y	333	3 M.	(d)	1.67-4.15-3.27
1891 Ohio	372	6 M.	60-60-60	4.00-4.00-4.00
1891 France	17	(d) M.	(d)	1.45-1.45-1.45
1891 France	505	(d) M.	60-60-60	1.54-1.64- —
1891 Italy	632	(d) M.	(d)	1.60-1.60-1.60
1891 Italy	638	(d) M.	60-60-60	1.12-1.93- —
1892 Conn	20	4 M.	60-60-60	4.00-4.17-4.08
1892 Conn	190	3 M.	60-60-60	4.00-4.17-4.11
1892 Ill	19	4 M.	59-60-60	3.50-5.00-4.04
1892 Iowa	235	2 M.	60-60-60	1.66-3.67-2.67
1892 Mo	301	1 M.	(d)	6.67-6.67-6.67
1892 N. Y	190	4 M.	60-60-60	3.00-4.17-3.37
1892 Australia	424	(d) M.	(d)	2.23-4.06- —
1892 France	17	(d) M.	(d)	1.45-1.45-1.45
1892 France	505	(d) M.	74-74-74	1.64-1.64-1.64
1893 Conn	20	14 M.	60-60-60	4.00-4.67-4.33
1893 Ill	19	1 M.	59-59-59	5.00-5.00-5.00
1893 France	17	(d) M.	(d)	1.45-1.45-1.45
1894 Conn	20	12 M.	60-60-60	4.17-4.67-4.42
1894 Australia	425	(d) (d)	(d)	2.84-6.49- —
1894 France	17	(d) M.	(d)	1.45-1.45-1.45
1895 Conn	7	1 M.	59-59-59	4 17-4.17-4.17
1895 Conn	20	10 M.	60-60-60	4.17-4.67-4.42
1895 Ky	7	1 M.	60-60-60	3.83-3.83-3.83

a Not including hours of 2 persons not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 4 persons not reported.
d Not reported.
e Not including hours of 5 persons not reported.
f Not including hours of 6 persons not reported.
g Applies to but 3 of the 7 wage quotations.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, COMPOSITORS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 La	7	1 M.	59-59-59	4.17-4.17-4.17	1896 Iowa	7	3 M.	59-60-60	3.00-3.50-3.17
1895 Me	7	1 M.	60-60-60	2.50-2.50-2.50	1896 Ky	7	1 M.	59-59-59	2.83-2.83-2.83
1895 Md	8	2 M.	60-60-60	4.00-4.00-4.00	1896 Md	8	2 M.	60-60-60	4.00-4.00-4.00
1895 Mass	7	6 M.	48-60-56	2.75-5.50-4.38	1896 Mich	7	1 M.	59-59-59	3.00-3.00-3.00
1895 Mo	7	2 M.	59-59-59	3.33-3.56-3.45	1896 N. Y	7	5 M.	57-60-59	2.33-4.50-3.70
1895 N. Y	7	6 M.	59-60-59	3.33-5.00-4.07	1896 N. Y	8	9 M.	48-60-55	2.50-9.17-5.18
1895 N. Y	8	3 M.	48-54-52	2.70-4.16-3.40	1896 Ohio	7	2 M.	59-59-59	3.50-4.17-3.84
1895 Pa	8	1 M.	48-48-48	6.16-6.16-6.16	1896 Pa	7	3 M.	59-60-59	2.25-4.17-3.47
1895 S. C	7	1 M.	59-59-59	3.67-3.67-3.67	1896 Australia	427	(a) (a)	(a)	2.43-3.24- —
1895 Tenn	7	1 M.	59-59-59	3.75-3.75-3.75	1896 Canada	482	(a) (a)	(a)	4.17-5.00- —
1895 Australia	426	(a) (a)	(a)	2.84-6.49- —	1896 France	17	(a) M.	(a)	1.45-1.45-1.45
1895 France	17	(a) M.	(a)	1.45-1.45-1.45	1897 Kans	251	1 M.	60-60-60	3.00-3.00-3.00
1895 France	513	(a) M.	b60-60-60	1.59-1.85- —	1897 Australia	428	(a) (a)	(a)	2.43-5.68- —
1896 Ga	7	2 M.	54-60-57	3.33-4.17-3.75	1898 Australia	429	(a) (a)	(a)	2.43-5.68- —
1896 Ill	7	1 M.	57-57-57	4.17-4.17-4.17	1898 Denmark	493	(a) M.	(a)	1.59-1.78- —

FOREMEN, CONSTRUCTION GANG, RAILROAD.

1873 Scotland	178	(a) M.	72-72-72	.96-1.08- —	1884 Germany	178	(a) M.	72-72-72	.68- .84- —
1877 Germany	177	(a) M.	(a)	.49- .61- —	1884 Scotland	178	(a) M.	72-72-72	1.22-1.83- —
1878 Germany	177	(a) M.	(a)	.50- .59- —	1884 Switzerl'd	178	(a) M.	(a)	.74- .92- —
1878 Scotland	178	(a) M.	72-72-72	.96-1.08- —	1887 Md	4	11 M.	(a)	1.35-3.83-2.59
1884 Ceylon	178	(a) (a)	(a)	.30- .60- —	1887 Mo	4	4 M.	(a)	1.75-4.79-3.16
1884 France	178	(a) M.	(a)	.84-1.11- —	1887 Wis	4	20 M.	(a)	1.50-3.26-1.85

FOREMEN, COOPERS.

(c) England	562	(a) M.	(a)	1.10-1.10-1.10	1890 Mich	282	1 M.	60-60-60	1.75-1.75-1.75
1870 Portugal	610	(a) M.	(a)	.41- .41- .41	1890 N. Y	333	4 M.	(a)	2.00-4.17-2.97
1874 Br. India	459	(a) (a)	(a)	.35- .35- .35	1890 Ohio	371	1 (a)	60-60-60	2.30-2.30-2.30
1874 England	569	(a) M.	(a)	2.11-2.11-2.11	1890 Br. India	459	(a) (a)	(a)	.31- .31- .31
1875 Br. India	459	(a) (a)	(a)	.42- .42- .42	1890 Netherl'ds	666	(a) M.	(a)	h1.11-1.34- —
1876 Br. India	459	(a) (a)	(a)	.42- .42- .42	1891 N. Y	333	3 M.	(a)	2.00-4.17-2.81
1877 Br. India	459	(a) (a)	(a)	.42- .42- .42	1891 Ohio	372	15 M.	48-60-59	1.75-4.00-2.97
1878 Br. India	459	(a) (a)	(a)	.42- .42- .42	1891 Br. India	459	(a) (a)	(a)	.28- .31- —
1879 Ohio	361	28 M.	(a)	2.36-2.36-2.36	1891 France	102	(a) M.	66-66-66	1.27-1.27-1.27
1879 Br. India	459	(a) (a)	(a)	.43- .43- .43	1891 Italy	638	(a) M.	54-54-54	.97- .97- .97
1880 Pa	7	1 M.	(a)	2.67-2.67-2.67	1892 Ind	227	5 M.	60-60-60	1.75-3.20-2.75
1880 Br. India	459	(a) (a)	(a)	.38- .38- .38	1892 N. Y	20	1 M.	54-54-54	3.00-3.00-3.00
1881 Ohio	363	4 M.	60-60-60	1.50-3.00-2.06	1892 Br. India	459	(a) (a)	(a)	.25- .28- —
1881 Br. India	459	(a) (a)	(a)	.37- .37- .37	1892 France	505	(a) M.	60-84 —	.74-2.32- —
1882 Ohio	364	19 (a)	54-60-60	1.50-3.00-2.38	1892 France	505	(a) M.	84-84-84	i.91- .91- .91
1882 Br. India	459	(a) (a)	(a)	.45- .45- .45	1893 N. Y	20	1 M.	54-54-54	3.00-3.00-3.00
1883 Mass	273	2 M.	(a)	4.00-5.00-4.50	1893 Br. India	459	(a) (a)	(a)	.20- .25- —
1883 Br. India	459	(a) (a)	(a)	.44- .44- .44	1893 Italy	639	(a) M.	54-54-54	.77-1.16- —
1884 Mich	278	2 M.	(a)	2.00-2.50-2.25	1894 Ind	228	2 M.	60-60-60	2.00-2.00-2.00
1884 Ohio	366	86 M.	(a)	1.40-4.00-2.45	1894 N. Y	20	1 M.	54-54-54	3.00-3.00-3.00
1884 Br. India	459	(a) (a)	(a)	.29- .29- .29	1894 Br. India	459	(a) (a)	(a)	.17- .21- —
1885 Cal	1	3 M.	60-60-60	2.25-4.00-3.08	1895 Mo	304	2 M.	(a)	2.00-2.25-2.13
1885 Br. India	459	(a) (a)	(a)	.29- .29- .29	1895 N. Y	8	5 M.	60-60-60	2.50-2.95-2.86
1885 Germany	547	(a) M.	(a)	1.35-1.55- —	1895 N. Y	20	1 M.	54-54-54	3.00-3.00-3.00
1886 Br. India	459	(a) (a)	(a)	.27- .27- .27	1895 Ohio	8	2 M.	60-60-60	2.25-2.25-2.25
1886 Germany	548	(a) (a)	(a)	d1.39-1.39-1.39	1895 Br. India	459	(a) (a)	(a)	.16- .19- —
1887 Br. India	459	(a) (a)	(a)	.27- .27- .27	1895 France	513	(a) M.	b60-60-60	1.11-1.48- —
1887 Germany	557	(a) (a)	e60-60-60	1.31-1.46- —	1896 Pa	7	1 M.	60-60-60	3.00-3.00-3.00
1887 Germany	557	(a) (a)	60-60-60	f1.59-1.59-1.59	1896 Br. India	459	(a) (a)	(a)	.17- .20- —
1888 N. Y	331	4 M.	59-60-60	2.00-3.75-2.98	1896 Canada	482	(a) (a)	(a)	3.33 3.33-3.33
1888 Br. India	459	(a) (a)	(a)	.25- .25- .25	1898 Iowa	18	1 (a)	(a)	2.49-2.49-2.49
1888 Canada	470	(a) M.	64-64-64	2.25-2.25-2.25	1898 Mo	306	12 M.	(a)	1.84-3.83-2.50
1888 Germany	558	(a) (a)	g60-78 —	1.07-1.49- —	1898 Denmark	493	(a) M.	(a)	1.07-2.68- —
1889 Br. India	459	(a) (a)	(a)	.25- .25- .25					

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Average for 1856–58.
d And lodging.
e Applies to but 1 of the 6 wage quotations.
f And lodging and heat.
g Applies to but 6 of the 8 wage quotations.
h And lodging and fuel.
i And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), COPPER MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Servia	610	(a) M.	(a)	0.65-1.87- —	1890 Norway	632	(a) M.	60-60-60	1.13-1.13-1.13
1888 Mich	280	16 M.	48-66-59	1.34-9.58-3.13	1891 Italy	638	(a) M.	b 60-60-60	.45- .87- —
1889 Canada	481	(a) M.	(a)	2.00-2.00-2.00	1893 Italy	639	(a) M.	b 60-60-60	.55- .77- —
1889 Portugal	691	(a) M.	(a)	.54- .54- .54					

FOREMEN, COPPERSMITHS.

1884 Germany	178	(a) M.	(a)	1.19-1.19-1.19	1892 France	505	(a) M.	81-81-81	1.16-2.51- —
1884 Spain	178	(a) M.	57-57-57	1.93-1.93-1.93	1892 France	505	(a) M.	60-60-60	c 1.54-1.54-1.54
1887 Pa	4	1 M.	(a)	3.45-3.45-3.45	1898 Denmark	493	(a) M.	(a)	1.54-1.54-1.54
1891 France	505	(a) M.	60-65 —	1.59-3.09- —					

FOREMEN, CORE MAKERS.

1872 N. H	190	1 M.	72-72-72	3.00-3.00-3.00	1883 N. H	190	1 M.	72-72-72	2.75-2.75-2.75
1873 N. H	190	1 M.	72-72-72	3.00-3.00-3.00	1884 N. H	190	1 M.	72-72-72	2.75-2.75-2.75
1874 N. H	190	1 M.	72-72-72	3.00-3.00-3.00	1885 N. H	190	1 M.	72-72-72	2.75-2.75-2.75
1875 N. H	190	1 M.	72-72-72	3.00-3.00-3.00	1886 N. H	190	1 M.	72-72-72	2.75-2.75-2.75
1876 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1886 N. J	325	1 M.	60-60-60	3.67-3.67-3.67
1877 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1887 Conn	202	3 M.	(a)	2.25-2.58-2.47
1878 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1887 N. H	190	1 M.	60-60-60	2.75-2.75.2.75
1879 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1888 N. H	190	1 M.	60-60-60	2.75-2.75-2.75
1880 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1889 N. H	190	1 M.	60-60-60	2.75-2.75-2.75
1881 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1890 N. H	190	1 M.	60-60-60	2.75-2.75-2.75
1882 N. H	190	1 M.	72-72-72	2.75-2.75-2.75	1891 N. H	190	1 M.	60-60-60	2.75-2.75-2.75

FOREMEN (NOT SPECIFIED), CORK GOODS.

1882 Pa	7	5 M.	59-59-59	2.33-3.00-2.60	1892 France	505	(a) M.	60-60-60	.87-1.06- —
1888 N. Y	331	1 M.	59-59-59	2.50-2.50-2.50	1896 Pa	7	6 M.	55-55-55	2.50-3.33-2.89
1892 Algeria	505	(a) M.	81-81-81	1.27-1.27-1.27	1896 Pa	8	2 M.	60-60-60	2.83-3.00-2.92
1892 Algeria	505	(a) M.	70-70-70	c 1.11-1.54- —	1897 Pa	8	2 M.	56-56-56	3.00-3.00-3.00
1892 Corsica	505	(a) M.	60-60-60	.77-1.06- —					

FOREMEN, CORNICE MAKERS.

1877 Ohio	359	3 M.	(a)	2.50-3.00-2.83	1890 Ohio	371	2 (a)	60-60-60	2.25-2.25-2.25
1888 N. Y	331	1 M.	53-53-53	3.50-3.50-3.50	1893 Ohio	374	1 M.	60-60-60	2.25-2.25-2.25
1890 Minn	292	3 M.	(a)	3.00-3.50-3.33	1896 Md	14	4 M.	54-54-54	2.99-2.99-2.99

FOREMEN, CORSET MAKERS.

1871 England	185	(a) (a)	60-60-60	.81- .81- .81	1890 N. Y	333	1 M.	(a)	5.83-5.83-5.83
1874 Conn	185	1 M.	(a)	8.33-8.33-8.33	1891 N. Y	333	1 M.	(a)	5.83-5.83-5.83
1884 Mich	278	1 M.	(a)	3.50-3.50-3.50	1891 France	505	(a) M.	57-57-57	c 1.93-1.93-1.93
1885 Ill	7	3 M.	60-60-60	2.08-2.50-2.36	1892 France	505	(a) M.	54-60 —	1.02-1.54- —
1885 Mass	7	2 M.	60-60-60	2.50-2.75-2.63	1895 Mass	7	3 M.	58-58-58	1.83-2.75-2.36
1887 Germany	557	(a) (a)	54-60 —	2.38-2.38-2.38	1896 Ill	7	2 M.	60-60-60	2.50-2.50-2.50
1888 N. Y	331	4 M.	59-59-59	2.50-2.50-2.50	1896 N. Y	8	1 M.	60-60-60	2.75-2.75-2.75
1888 Germany	558	(a) (a)	54-60 —	.60- .60- .60					

FOREMEN, CRANEMEN, RAILROAD.

1884 Germany	178	(a) M.	(a)	.62-1.14- —	1884 Ireland	178	(a) M.	(a)	.81- .81- .81

a Not reported. b Applies to but 2 of the 3 wage quotations. c And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), CUTLERY AND EDGE TOOLS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1835	Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1875	Pa	8	1 M.	54-54-54	3.00-3.00-3.00
1879	Pa	384	5 (a)	(a)	2.00-2.00-2.00
1885	N. H	7	2 M.	59-59-59	2.33-2.46-2.40
1885	Germany	547	(a) M.	(a)	.95-1.19- —
1887	Canada	469	(a) M.	54-54-54	2.92-2.93- —
1887	Germany	557	(a) (a)	60-60-60	1.03-1.19- —
1888	Canada	470	(a) M.	60-60-60	2.51-2.51-2.51
1890	Ohio	371	1 M.	60-60-60	3.50-3.50-3.50
1892	France	505	(a) M.	63-75 —	0.77-1.54- —
1894	N. H	316	2 M.	45-45-45	1.25-1.33-1.29
1894	France	129	(a) M.	60-60-60	.93-1.83- —
1895	Conn	8	6 M.	60-60-60	3.00-3.19-3.03
1895	Mass	8	15 M.	60-60-60	2.50-5.00-2.70
1895	N. H	7	4 M.	59-59-59	1.75-2.70-2.27
1895	Pa	8	16 M.	51-60-54	1.80-4.50-2.71
1896	Ind	8	4 M.	60-60-60	2.50-3.00-2.75

FOREMEN, CUTTERS, CLOTHING.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Germany	556	(a) (a)	60-60-60	.82-1.23- —
1885	Ill	7	1 M.	54-54-54	4.17-4.17-4.17
1885	Iowa	7	1 M.	63-63-63	3.33-3.33-3.33
1885	Md	7	1 M.	60-60-60	3.00-3.00-3.00
1885	N. Y	7	2 M.	56-59-58	2.67-3.33-3.00
1886	Iowa	7	1 M.	60-60-60	3.00-3.00-3.00
1886	N. Y	7	1 M.	42-42-42	3.00-3.00-3.00
1886	Pa	7	1 M.	59-59-59	4.17-4.17-4.17
1890	N. Y	333	2 M.	(a)	4.17-6.67-5.42
1891	N. Y	333	2 M.	(a)	5.00-6.67-5.84
1894	France	506	(a) M.	b 60-72 —	1.54-4.44- —
1894	France	506	(a) M.	66-72 —	c 3.54-3.70- —
1895	Ill	7	1 M.	54-54-54	5.00-5.00-5.00
1895	Iowa	7	1 M.	54-54-54	3.75-3.75-3.75
1895	N. Y	7	3 M.	56-59-58	2.67-3.33-3.00
1895	N. Y	8	1 M.	54-54-54	4.16-4.16-4.16
1896	Iowa	7	1 M.	48-48-48	4.17-4.17-4.17
1896	Md	7	3 M.	57-60-59	3.00-5.33-3.89
1896	N. Y	7	1 M.	42-42-42	3.33-3.33-3.33
1896	Pa	7	1 M.	58-58-58	4.17-4.17-4.17

FOREMEN, CUTTERS, COLLARS AND CUFFS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	N. Y	7	1 M.	54-54-54	4.17-4.17-4.17
1890	N. Y	333	3 M.	(a)	4.17-6.67-5.53
1891	N. Y	333	3 M.	(a)	4.00-6.67-5.15
1895	N. Y	8	2 M.	59-59-59	5.75-6.39-6.07

FOREMEN, CUTTERS, FUR.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	Mich	7	1 M.	60-60-60	3.00-3.00-3.00
1890	N. Y	333	1 M.	(a)	3.83-3.83-3.83
1891	N. Y	333	1 M.	(a)	3.83-3.83-3.83
1896	Mich	7	1 M.	54-54-54	4.17-4.17-4.17

FOREMEN, CUTTERS, GLASS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1881	France	38	(a) (a)	(a)	1.11-1.11-1.11
1889	Ind	6	1 M.	60-60-60	9.50-9.50-9.50
1890	Ind	6	3 M.	d 60-60-60	4.75-6.45-5.56
1890	Mo	6	1 M.	(a)	7.25-7.25-7.25
1890	N. Y	6	1 M.	(a)	6.38-6.38-6.38
1890	Ohio	6	3 M.	d 60-60-60	6.08-9.07-7.27
1890	Pa	6	7 M.	e 54-54-54	5.40-8.87-6.99
1892	Ohio	373	1 (a)	49-49-49	6.50-6.50-6.50

FOREMEN, CUTTERS, GLOVES AND MITTENS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	Ill	7	2 M.	d 60-60-60	2.50-2.50-2.50
1890	N. Y	333	1 M.	(a)	3.00-3.00-3.00
1896	Ill	7	2 M.	54-57-56	2.92-3.00-2.96

FOREMEN, CUTTERS, PAPER AND PAPER PRODUCTS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Mass	7	1 M.	50-50-50	2.75-2.75-2.75
1895	Mass	7	1 M.	60-60-60	3.33-3.33-3.33
1896	Conn	8	2 M.	60-60-60	2.25-3.00-2.63
1896	Ill	7	1 M.	54-54-54	2.67-2.67-2.67

a Not reported.
b Applies to but 4 of the 6 wage quotations.
c And board.
d Not including hours of 1 person not reported.
e Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), DAIRY PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 N. Y.	8	1 M.	72-72-72	2.50-2.50-2.50	1894 N. Y.	8	1 M.	60-60-60	2.30-2.30-2.30
1890 N. Y.	333	2 M.	(a)	1.67-2.00-1.84	1894 C. of G'd H.	487	(a) M.	(a)	b.93-2.24- —
1891 N. Y.	333	2 M.	(a)	1.67-2.00-1.84	1896 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50
1892 France	505	(a) M.	54-84 —	.58-3.22- —					

FOREMEN, DIAMOND CUTTERS.

1892 N. Y.	8	1 M.	60-60-60	(c)					

FOREMEN, DIESINKERS.

1882 Pa	7	1 M.	60-60-60	2.67-2.67-2.67	1893 Mass	20	1 M.	60-60-60	3.25-3.25-3.25
1891 N. Y.	333	1 M.	(a)	6.00-6.00-6.00	1894 Mass	20	1 M.	60-60-60	3.15-3.15-3.15
1892 Mass	20	1 M.	60-60-60	3.25-3.25-3.25	1896 Pa	7	1 M.	60-60-60	3.00-3.00-3.00

FOREMEN (NOT SPECIFIED), DISTILLERY.

1872 Belgium	185	(a) M.	(a)	.35- .35- .35	1890 Ohio	371	6 (a)	60-72-62	2.50-5.00-3.42
1882 Ohio	364	3 (a)	60-60-60	2.50-8.33-5.28	1890 Netherl'ds	666	(a) M.	(a)	.94-1.27- —
1883 Mass	273	5 M.	(a)	2.50-4.00-3.00	1891 Ohio	372	2 M.	54-69-62	4.80-6.50-5.65
1884 Ohio	366	19 M.	(a)	1.75-5.83-3.03	1891 France	505	(a) M.	d60-72 —	1.16-3.76- —
1884 Netherl'ds	178	(a) M.	60-70 —	1.00-1.00-1.00	1892 Algeria	505	(a) M.	72-72-72	e1.90-1.90-1.90
1885 Ill.	1	4 M.	72-72-72	3.00-3.67-3.34	1892 Corsica	505	(a) M.	84-84-84	.53- .63- —
1886 England	604	(a) M.	60-60-60	1.22-1.22-1.22	1892 France	505	(a) M.	54-74 —	.68-2.30- —
1886 Germany	548	(a) (a)	(a)	.95-1.07- —	1892 France	505	(a) M.	60-60-60	b .97- .97- .97
1886 Ireland	604	(a) M.	60-60-60	1.16-1.16-1.16	1892 France	505	(a) M.	77-77-77	f .97-1.93- —
1886 Scotland	604	(a) M.	60-60-60	1.05-1.22- —	1892 France	505	(a) M.	63-66 —	g .63-1.54- —
1887 Germany	557	(a) (a)	60-60-60	.95- .95- .95	1894 France	129	(a) M.	(a)	1.54-2.70- —
1888 N. Y.	331	1 M.	60-60-60	2.50-2.50-2.50					

FOREMEN (NOT SPECIFIED), DOCKS.

1863 Scotland	565	(a) (a)	(a)	1.01-1.10- —	1887 Mass	4	33 M.	(a)	1.65-3.00-1.98
1885 Mich	279	16 M.	(a)	1.92-5.37-2.77	1887 Wis	4	1 M.	(a)	1.92-1.92-1.92
1887 Conn	4	3 M.	(a)	1.73-2.30-1.93	1893 N. Y.	10	2 M.	48-58-58	3.00-4.17-3.59

FOREMEN (NOT SPECIFIED), DOORS, SASHES, AND BLINDS.

1871 Mass	267	1 M.	(a)	3.00-3.00-3.00	1892 Cal.	196	1 M.	60-60-60	4.00-4.00-4.00
1879 Pa	384	4 (a)	60-60-60	2.25-3.00-2.51	1893 Md.	10	1 M.	60-60-60	2.50-2.50-2.50
1884 Mich	278	1 M.	(a)	3.50-3.50-3.50	1894 Iowa	236	2 M.	54-60-57	3.85-3.85-3.85
1884 N. J	323	2 M.	60-60-60	5.00-5.00-5.00	1894 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1884 Canada	178	(a) (a)	60-60-60	2.50-2.50-2.50	1894 N. C	8	5 M.	60-60-60	2.00-4.00-2.90
1887 Wis	409	153 M.	(a)	2.75-2.75-2.75	1894 Ohio	375	4 M.	60-60-60	2.50-2.50-2.50
1888 N. Y.	331	18 M.	h58-60-60	1.75-4.00-2.88	1895 N. J	8	1 M.	60-60-60	3.50-3.50-3.50
1888 Canada	470	(a) M.	59-59-59	1.97-1.97-1.97	1895 N. Y.	8	16 M.	48-60-58	2.00-5.00-3.53
1888 Germany	558	(a) (a)	60-60-60	1.07-1.07-1.07	1895 N. C	8	2 M.	60-60-60	2.00-2.00-2.00
1889 Canada	471	(a) M.	60-60-60	2.13-2.13-2.13	1895 Tenn	8	1 M.	60-60-60	3.00-3.00-3.00
1890 N. Y.	333	41 M.	(a)	1.25-3.75-2.68	1896 Minn	8	4 M.	60-60-60	2.00-3.00-2.56
1890 Ohio	371	32 (a)	54-60-58	2.00-3.50-2.49	1896 N. H	8	1 M.	60-60-60	2.50-2.50-2.50
1891 N. Y.	333	48 M.	(a)	1.25-3.84-2.54	1896 Ohio	377	3 M.	60-60-60	2.75-2.75-2.75
1891 Ohio	372	37 M.	54-60-58	2.00-3.00-2.41					

a Not reported.
b And board and lodging.
c $11.75-$11.75-$11.75.
d Applies to but 2 of the 6 wage quotations.
e And lodging.
f And lodging and fuel.
g And *gratifications.*
h Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, DRESSMAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.	333	6 M.	(a)	1.92-3.00-2.10
1891 N. Y.	333	6 M.	(a)	1.92-3.50-2.18

FOREMEN (NOT SPECIFIED), DRUGS AND CHEMICALS.

1840	England ..	564	(a)	(a)	60-60-60	.97- .97- .97	1885	Germany .	71	(a)	M.	72-72-72	.79-1.08- —
1850	England ..	564	(a)	(a)	60-60-60	1.05-1.05-1.05	1886	Pa	7	1	M.	60-60-60	3.33-3.33-3.33
1860	England ..	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1886	Pa	190	1	M.	60-60-60	3.50-3.50-3.50
1866	England ..	566	(a)	M.	60-63 —	1.05-1.30- —	1886	England ..	67	(a)	M.	(a)	1.62-1.62-1.62
1868	England ..	567	(a)	M.	72-72-72	.16-1.62- —	1886	Germany .	184	(a)	M.	(a)	.79-1.19- —
1870	Pa	190	1	M.	60-60-60	2.67-2.67-2.67	1887	Pa	190	1	M.	60-60-60	3.67-3.67-3.67
1871	Pa	190	1	M.	60-60-60	2.67-2.67-2.67	1887	Germany .	557	(a)	(a)	60-60-60	1.09-1.09-1.09
1871	England ..	568	(a)	M.	60-60-60	1.42-1.42-1.42	1888	N. Y.	331	12	M.	c53-72-66	1.45-3.50-2.64
1872	Pa	190	1	M.	60-60-60	2.67-2.67-2.67	1888	Pa	190	1	M.	60-60-60	3.67-3.67-3.67
1872	England ..	185	(a)	M.	60-60-60	1.41-1.41-1.41	1888	Germany .	558	(a)	(a)	60-60-60	.87-1.28- —
1873	Pa	190	1	M.	60-60-60	3.00-3.00-3.00	1889	Pa	190	1	M.	60-60-60	3.67-3.67-3.67
1874	Pa	190	1	M.	60-60-60	3.00-3.00-3.00	1890	N. Y.	333	20	M.	(a)	1.54-5.20-3.02
1875	Pa	190	1	M.	60-60-60	3.00-3.00-3.00	1890	Pa	190	1	M.	60-60-60	3.67-3.67-3.67
1876	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1890	England ..	92	(a)	M.	(a)	1.62-1.82- —
1877	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1891	N. Y.	333	37	M.	(a)	.75-5.20-2.81
1877	England ..	570	(a)	M.	84-84-84	1.42-2.43- —	1891	Ohio	372	3	M.	48-60-52	2.50-4.50-3.83
1878	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1891	Pa	190	1	M.	60-60-60	3.67-3.67-3.67
1879	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1891	France....	505	(a)	M.	60-66 —	1.93-2.09- —
1880	N. Y.	7	2	M.	(a)	2.50-5.00-3.75	1891	France....	522	(a)	M.	(a)	.82-1.30- —
1880	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1892	Cal.....	196	1	M.	59-59-59	2.99-2.99-2.99
1880	Germany..	546	(a)	M.	(a)	.91-1.19- —	1892	Australia .	424	(a)	M.	(a)	1.82-2.43- —
1881	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1892	France....	505	(a)	M.	d57-84 —	.58-2.41- —
1881	France....	501	(a)	M.	(a)	.78-1.22- —	1892	France....	505	(a)	M.	77-84 —	e.97-1.16- —
1882	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1892	France....	505	(a)	M.	74-77 —	f.97-1.93- —
1882	R. I	7	4	M.	60-60-60	2.00-5.00-2.92	1892	France....	505	(a)	M.	60-60-60	g1.16-1.16-1.16
1882	France....	502	(a)	M.	(a)	.82-1.28- —	1892	France....	505	(a)	M.	74-74-74	h.97-2-32- —
1882	Germany .	554	(a)	(a)	60-60-60	.91-1.19- —	1892	Germany .	184	(a)	M.	(a)	.91-1.19- —
1883	N. J	322	3	M.	54-54-54	4.17-4.17-4.17	1893	Italy	639	(a)	M.	63-63-63	.73- .73- .73
1883	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1894	N. Y.	8	1	M.	60-60-60	2.50-2.50-2.50
1883	France....	503	(a)	M.	(a)	.82-1.36- —	1894	France....	129	(a)	M.	(a)	.97-2.32- —
1883	Germany .	47	(a)	M.	72-72-72	.99-1.28- —	1895	Ill.....	7	1	M.	55-55-55	3.33-3.33-3.33
1883	Germany .	555	(a)	(a)	60-60-60	.91-1.19- —	1895	Md.....	7	1	M.	57-57-57	3.33-3.33-3.33
1884	Mich.....	278	9	M.	(a)	2.50-5.00-3.55	1895	Md.....	8	1	M.	60-60-60	4.00-4.00-4.00
1884	Pa	190	1	M.	60-60-60	3.50-3.50-3.50	1895	N. Y.	7	4	M.	51-59-54	2.33-5.00-3.67
1884	France....	504	(a)	M.	(a)	.82-1.39- —	1895	Pa	8	6	M.	60-60-60	2.00-2.50-2.42
1884	Germany .	71	(a)	M.	72-72-72	.95- .99- —	1895	R. I	7	5	M.	60-60-60	2.00-5.83-3.03
1884	Germany .	556	(a)	(a)	60-60-60	.83-1.19- —	1896	N. Y.	7	1	M.	60-60-60	2.33-2.33-2.33
1885	Ill.	7	1	M.	55-55-55	3.33-3.33-3.33	1896	Pa	7	1	M.	60-60-60	3.33-3.33-3.33
1885	Md.....	7	1	M.	(a)	3.33-3.33-3.33	1897	Australia .	428	(a)	(a)	(a)	1.87-3.24- —
1885	N. J	7	1	M.	59-59-59	1.17-1.17-1.17	1898	Mo	306	23	M.	(a)	2.30-3.83-2.72
1885	N. Y.	7	3	M.	b 48-56-52	2.33-5.00-3.44	1898	Australia .	429	(a)	(a)	(a)	1.87-3.24- —
1885	Pa	190	1	M.	60-60-60	3.50-3.50-3.50							

FOREMEN, DYERS.

1839	England ..	563	(a)	M.	65-65-65	1.22-1.22-1.22	1874	England ..	569	(a)	M.	56-60 —	1.87-2.03- —
1845	N. Y.	8	1	M.	78-78-78	2.50-2.50-2.50	1876	Pa	382	1	M.	(a)	2.16-2.16-2.16
1849	England ..	563	(a)	M.	60-60 60	1.46-1.46-1.46	1877	England ..	570	(a)	M.	54-57 —	1.62-3.65- —
1858	England ..	562	(a)	M.	(a)	1.05-2.43- —	1877	Scotland ..	570	(a)	M.	(a)	1.22-1.78- —
1859	England ..	563	(a)	M.	60-60-60	1.42-1.62- —	1880	Pa	7	1	M.	60-60-60	3.33-3.33-3.33
1860	England ..	563	(a)	M.	(a)	1.22-2.43- —	1880	England ..	571	(a)	M.	54-57 —	1.22-2.43- —
1862	England ..	564	(a)	(a)	(a)	.89-1.62- —	1881	N. J	320	1	M.	(a)	5.00-5.00-5.00
1866	England ..	566	(a)	M.	60-60-60	.89-2.43- —	1882	N. J	321	7	M.	60-60-60	3.00-5.00-4.12
1867	England ..	567	(a)	M.	60-60-60	.89-1.87- —	1882	Italy	33	(a)	(a)	(a)	.77- .77- .77
1868	Germany .	610	(a)	M.	72-72-72	.97-1.22- —	1883	N. J	322	10	M.	i 60-60-60	2.00-6.00-3.43
1871	Mass	267	1	M.	(a)	3.33-3.33-3.33	1883	England ..	572	(a)	M.	54-57 —	1.30-2.43- —
1871	England ..	568	(a)	M.	59-59-59	1.62-1.62-1.62	1883	Gr't Brit ..	273	(a)	M.	(a)	1.62-3.24- —
1871	England ..	629	(a)	M.	(a)	1.42-2.43- —	1884	Aust-Hun .	178	(a)	M.	60-66 —	.67-1.67- —
1872	England ..	185	(a)	M.	59-59-59	1.61-1.61-1.61	1884	England ..	178	(a)	M.	54-56 —	1.22-3.24- —
1872	Germany .	185	(a)	M.	66-66-66	1.20-1.20-1.20	1884	Germany..	178	(a)	M.	60-66 —	.83-1.67- —
1873	Sweden ...	167	(a)	M.	66-66-66	1.11-1.11-1.11	1884	Germany..	556	(a)	(a)	60-60-60	.71-1.07- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Applies to but 31 of the 32 wage quotations.
e And lodging.
f And lodging and fuel.
g And lodging, fuel, and light.
h And lodging and *gratifications*.
i Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, DYERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Scotland	178	(a) M.	57-57-57	0.73-0.89- —	1892 Australia	424	(a) M.	(a)	3.24-3.24-3.24
1885 N. Y.	7	2 M.	b49-49-49	3.00-3.33-3.17	1894 N. C.	8	1 M.	69-69-69	1.50-1.50-1.50
1886 Mich.	7	1 M.	(a)	2.00-2.00-2.00	1895 N. Y.	7	2 M.	45-49-47	3.67-5.00-4.34
1886 Pa.	7	2 M.	60-60-60	3.33-3.33-3.33	1895 N. Y.	8	1 M.	60-60-60	8.00-8.00-8.00
1886 England	600	(a) M.	57-57-57	1.78-1.78-1.78	1895 N. C.	8	1 M.	72-72-72	2.00-2.00-2.00
1886 Germany	548	(a) (a)	(a)	.95-1.59- —	1896 Conn.	8	2 M.	60-60-60	5.00-6.00-5.50
1887 Conn.	202	4 M.	(a)	4.32-4.32-4.32	1896 Mich.	7	1 M.	60-60-60	2.50-2.50-2.50
1887 Ohio	369	1 M.	60-60-60	3.50-3.50-3.50	1896 Minn	7	1 M.	54-54-54	4.00-4.00-4.00
1887 Germany	557	(a) (a)	60-66 —	1.07-2.78- —	1896 Pa.	7	3 M.	51-60-57	3.00-4.17-3.50
1888 N. Y.	331	2 M.	b60-60-60	2.50-2.75-2.63	1897 N. H	8	1 M.	60-60-60	3.00-3.00-3.00
1888 Germany	558	(a) (a)	48-69 —	1.19-1.82- —	1898 Denmark	493	(a) M.	(a)	1.34-2.68- —
1889 N. H.	6	1 M.	(a)	3.00-3.00-3.00	1899 N. C.	18	1 M.	66-66-66	1.50-1.50-1.50
1890 N. Y.	333	7 M.	(a)	1.67-6.67-3.63	1899 Pa.	18	4 M.	60-60-60	2.50-6.67-3 75
1891 N. Y.	333	7 M.	(a)	1.67-6.67-3.63	1900 N. C.	18	1 M.	66-66-66	1.50-1.50-1.50
1891 France	505	(a) M.	e60-66 —	.97-2.70- —	1900 Pa.	18	4 M.	60-60-60	2.50-6.67-3.75
1891 France	522	(a) (a)	(a)	.84-1.11- —					

FOREMEN, DYERS AND CLEANERS.

1886 Ill.	7	1 M.	60-60-60	3.33-3.33-3.33	1891 France	505	(a) M.	(a)	d1.52-1.52-1.52
1886 N. Y.	7	1 M.	(a)	2.50-2.50-2.50	1896 Ill.	7	1 M.	60-60-60	3.67-3.67-3.67
1888 N. Y.	331	4 M.	60-60-60	1.67-1.67-1.67	1896 N. Y.	7	1 M.	60-60-60	2.50-2.50-2.50
1891 France	505	(a) M.	60-60-60	1.16-1.74- —					

FOREMEN (NOT SPECIFIED), ELECTRICAL GOODS.

1885 Conn.	7	4 M.	(a)	1.75-4.00-2.96	1891 Ohio	372	5 M.	60-66-64	2.50-4.25-3.00
1888 N. Y.	331	14 M.	59-59-59	4.17-4.17-4.17	1894 Ohio	375	6 M.	54-54-54	1.70-1.70-1.70
1890 Mich.	282	8 M.	60-60-60	2.00-3.00-2.56	1895 Conn.	7	3 M.	59-59-59	1.80-3.33-2.70
1890 N. Y.	333	1 M.	(a)	2.50-2.50-2.50	1896 Ill.	7	2 M.	56-56-56	3.50-3.75-3.63
1890 Ohio	371	11 (a)	60-60-60	2.00-3.00-2.09	1896 Ohio	377	1 M.	61-61-61	3.54-3.54-3.54
1891 N. Y.	333	3 M.	(a)	2.75-4.17-3.47	1898 Mo	306	12 M.	(a)	3.07-3.83-3.49

FOREMEN (NOT SPECIFIED), ELECTRIC LIGHTS.

1888 N. Y.	331	1 M.	66-66-66	2.75-2.75-2.75	1895 Australia	426	(a) (a)	(a)	2.84-3.24- —
1890 Ohio	371	7 (a)	60-72-62	2.25-2.30-2.26	1896 Md.	14	4 M.	70-70-70	2.15-3.30-2.73
1892 Australia	424	(a) M.	(a)	2.64-4.06- —	1896 Australia	427	(a) (a)	(a)	2.43-2.84- —
1892 France	505	(a) M.	60-84 —	.97-2.90- —	1897 Australia	428	(a) (a)	(a)	2.43-2.84- —
1892 France	505	(a) M.	70-70-70	e1.03-1.03-1.03	1898 Australia	429	(a) (a)	(a)	2.43-4.06- —
1894 Australia	425	(a) (a)	(a)	2.84-3.24- —					

FOREMEN, ELECTROTYPERS.

1865 Pa.	8	1 M.	60-60-60	4.00-4.00-4.00	1888 N. Y.	331	1 M.	(a)	4.17-4.17-4.17
1874 N. Y.	190	1 M.	59-59-59	3.50-3.50-3.50	1890 Ill.	19	1 M.	(a)	5.83-5.83-5.83
1875 N. Y.	190	1 M.	59-59-59	3.50-3.50-3.50	1891 Ill.	19	1 M.	(a)	6.67-6.67-6.67
1876 N. Y.	190	1 M.	59-59-59	3.50-3.50-3.50	1892 Ill.	19	1 M.	59-59-59	6.67-6.67-6.67
1877 N. Y.	190	1 M.	59-59-59	3.50-3.50-3.50	1892 Australia	424	(a) M.	(a)	2.43-2.43-2.43
1878 N. Y.	190	1 M.	59-59-59	3.15-3.15-3.15	1893 Ill	19	1 M.	59-59-59	6.67-6.67-6.67
1879 N. Y.	190	1 M.	59-59-59	3.00-3.00-3.00	1894 Australia	425	(a) (a)	(a)	2.43-2.84- —
1880 N. Y.	190	1 M.	59-59-59	3.15-3.15-3.15	1895 Mass	7	2 M.	58-60-59	4.20-6.67-5.44
1881 N. Y.	190	1 M.	59-59-59	3.67-3.67-3.67	1895 N. Y.	7	3 M.	59-60-59	2.83-5.00-3.94
1882 N. Y.	190	1 M.	59-59-59	3.67-3.67-3.67	1895 Pa.	8	2 M.	60-60-60	4.00-5.00-4.50
1883 N. Y.	190	1 M.	59-59-59	3.67-3.67-3.67	1895 Australia	426	(a) (a)	(a)	2.43-2.84- —
1885 Mass	7	1 M.	59-59-59	4.20-4.20-4.20	1896 Australia	427	(a) (a)	(a)	2.43-2.84- —

FOREMEN, ELEVATOR CONSTRUCTORS.

1896 N. Y.	14	28 M.	48-48-48	3.50-4.00-3.53	....	.....	....	.....	.....

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 3 of the 4 wage quotations.
d And lodging.
e And lodging and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, ELEVATOR HANDS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).	Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	Md	4	2 M.	(a)	1.50-4.79-3.15	1887	N. Y	4	1 M.	(a)	3.19-3.19-3.19
1887	Mass	4	6 M.	(a)	1.90-2.75-2.33	1888	N. Y	331	2 M.	60-60-60	2.30-2.30-2.30

FOREMEN, ENCAUSTIC TILE MAKERS.

1892	Ind	227	2 M.	60-60-60	2.25-2.25-2.25	1894	Ind	228	2 M.	48-54-51	2.00-4.00-3.00

FOREMEN, ENGRAVERS (NOT SPECIFIED).

1868	England	567	(a) M.	51-51-51	2.43-2.43-2.43	1889	Germany	550	(a) M.	(a)	1.19-1.98- —
1885	Germany	547	(a) M.	(a)	1.79-1.79-1.79	1891	France	505	(a) M.	60-60-60	1.93-1.93-1.93
1886	Germany	548	(a) (a)	(a)	1.43-1.98- —	1895	Pa	8	1 M.	48-48-48	5.00-5.00-5.00
1888	Germany	558	(a) (a)	60-60-60	1.59-1.98- —						

FOREMEN, ENGRAVERS, COPPER.

1871	Mass	267	1 M.	(a)	5.00-5.00-5.00	1891	N. Y	333	1 M.	(a)	6.67-6.67-6.67
1880	Mass	7	1 M.	60-60-60	5.83-5.83-5.83	1895	Mass	7	1 M.	60-60-60	(b)
1889	N. H	7	1 M.	60-60-60	6.67-6.67-6.67	1895	N. H	7	1 M.	60-60-60	6.67-6.67-6.67
1890	N. Y	333	1 M.	(a)	6.67-6.67-6.67						

FOREMEN, ENGRAVERS, GOLD AND SILVER.

1881	Mass	7	1 M.	60-60-60	3.00-3.00-3.00	1887	Germany	557	(a) (a)	60-60-60	1.19-1.59- —
1887	Conn	202	1 M.	(a)	7.95-7.95-7.95	1895	Mass	7	1 M.	60-60-60	4.00-4.00-4.00

FOREMEN, ENGRAVERS, MAPS.

1885	N. Y	7	1 M.	(a)	5.00-5.00-5.00	1896	Ill	7	1 M.	51-51-51	4.17-4.17-4.17
1895	N. Y	7	1 M.	60-60-60	5.83-5.83-5.83						

FOREMEN, ENGRAVERS, WOOD.

1882	N. Y	8	1 M.	54-54-54	9.00-9.00-9.00	1895	N. Y	7	1 M.	60-60-60	3.33-3.33-3.33
1885	N. Y	7	1 M.	(a)	3.00-3.00-3.00	1895	N. Y	8	1 M.	48-48-48	8.00-8.00-8.00
1887	Conn	202	1 M.	(a)	7.51-7.51-7.51	1896	N. Y	7	1 M.	59-59-59	4.17-4.17-4.17

FOREMEN (NOT SPECIFIED), EVAPORATED FRUIT.

1882	N. Y	8	1 M.	60-60-60	3.00-3.00-3.00	1887	Cal	8	1 M.	60-60-60	3.50-3.50-3.50
1884	Mich	278	2 M.	(a)	2.00-2.00-2.00	1895	Mass	8	1 M.	54-54-54	2.50-2.50-2.50
1886	Cal	8	1 M.	60-60-60	3.50-3.50-3.50	1896	Cal	8	2 M.	60-60-60	1.50-3.00-2.25

a Not reported. b $11.22-$11.22-$11.22.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, FEATHER DUSTER MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 N. Y.	7	1 M.	48-48-48	2.50-2.50-2.50	1890 N. Y.	333	1 M.	(a)	3.99-3.99-3.99
1885 Ill.	7	1 M.	(a)	2.50-2.50-2.50	1895 N. Y.	7	1 M.	48-48-48	3.67-3.67-3.67
1886 Ill.	7	1 M.	56-56-56	2.50-2.50-2.50	1896 Ill.	7	2 M.	54-56-55	2.50-2.83-2.67

FOREMEN, FENCE BUILDERS.

1885 Mich.	279	1 M.	(a)	1.92-1.92-1.92	1887 Mo.	4	31 M.	(a)	1.73-2.50-1.92
1887 Conn.	4	2 M.	(a)	1.75-1.92-1.84	1887 N. Y.	4	9 M.	(a)	1.50-2.00-1.77
1887 Md.	4	2 M.	(a)	1.40-1.75-1.58	1887 Pa.	4	20 M.	(a)	1.60-2.25-1.91
1887 Mich.	4	4 M.	(a)	1.75-2.13-1.84	1887 Wis.	4	2 M.	(a)	1.73-1.92-1.83

FOREMEN, FILE MAKERS.

1872 Pa.	8	5 M.	60-60-60	2.50-3.00-2.60	1890 Mich.	282	1 M.	60-60-60	2.50-2.50-2.50
1879 Germany	545	(a) M.	(a)	.68-1.23- —	1892 France	505	(a) M.	b 60-66 —	.77-1.64- —
1886 Italy	633	(a) M.	66-66-66	.97- .97- .97	1892 France	505	(a) M.	66-66-66	c 1.01-1.69- —
1888 N. Y.	331	1 M.	(a)	3.50-3.50-3.50	1895 Pa.	8	9 M.	60-60-60	2.50-4.00-3.22

FOREMEN, FINISHERS, FURNITURE.

1889 Mich.	281	13 M.	60-60-60	1.50-3.83-2.56	1894 Ga.	8	1 M.	60-60-60	2.25-2.25-2.25
1890 N. Y.	333	1 M.	(a)	2.67-2.67-2.67	1894 N. Y.	8	3 M.	60-60-60	2.50-2.50-2.50
1891 N. Y.	333	3 M.	(a)	2.25-3.00-2.64	1895 N. Y.	8	1 M.	60-60-60	2.25-2.25-2.25

FOREMEN, FINISHERS, HOSIERY AND KNIT GOODS.

1880 Conn.	271	1 (a)	66-66-66	2.89-2.89-2.89	1891 N. Y.	333	9 M.	(a)	1.67-3.50-2.78
1880 N. Y.	271	1 (a)	65-65-65	2.00-2.00-2.00	1895 N. H.	7	1 M.	60-60-60	2.38-2.38-2.38
1885 N. H.	7	2 M.	d 66-66-66	1.40-1.67-1.54	1895 N. H.	8	1 M.	60-60-60	2.50-2.50-2.50
1886 Vt.	7	1 M.	66-66-66	3.00-3.00-3.00	1896 Ga.	7	1 M.	63-63-63	2.50-2.50-2.50
1887 Conn.	202	2 M.	(a)	2.52-2.52-2.52	1896 Ohio	7	1 M.	60-60-60	3.00-3.00-3.00
1888 N. Y.	331	2 M.	(a)	2.25-3.00-2.63	1896 Vt.	7	2 M.	64-66-65	2.25-2.50-2.38
1890 N. Y.	333	7 M.	(a)	1.67-3.00-2.58					

FOREMEN, FINISHERS, LEATHER.

1887 Germany	557	(a) (a)	66-66-66	1.19-1.59- —	1891 Italy	638	(a) M.	60-65 —	.77- .97- —
1888 Germany	558	(a) (a)	60-60-60	.79-1.19- —	1892 Italy	639	(a) M.	60-60-60	.77- .77- .77
1890 N. Y.	333	1 M.	(a)	2.50-2.50-2.50	1894 N. Y.	8	1 M.	60-60-60	2.50-2.50-2.50
1891 N. Y.	333	1 M.	(a)	2.50-2.50-2.50	1896 Mass.	8	1 M.	60-60-60	3.00-3.00-3.00

FOREMEN, FINISHERS, PAPER.

1885 Mass.	7	1 M.	60-60-60	3.33-3.33-3.33	1895 Conn.	7	1 M.	72-72-72	2.75-2.75-2.75
1885 N. H.	7	2 M.	(a)	2.50-2.50-2.50	1895 N. H.	7	1 M.	60-60-60	2.50-2.50-2.50
1885 Wis.	7	1 M.	72-72-72	2.50-2.50-2.50	1895 Ohio	376	2 M.	60-60-60	3.00-3.00-3.00
1887 Conn.	202	1 M.	(a)	2.75-2.75-2.75	1896 Wis.	7	1 M.	72-72-72	2.75-2.75-2.75
1894 Ohio	375	2 M.	60-60-60	3.00-3.00-3.00	1897 Pa.	395	1 M.	(a)	2.92-2.92-2.92

a Not reported.
b Applies to but 5 of the 6 wage quotations.
c And *gratifications*.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), FIREARMS AND AMMUNITION.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1857 N. Y.	8	1 M.	60-60-60	3.50-3.50-3.50	1891 Belgium	457	(a) M.	72-72-72	0.82-0.82-0.82
1857 Germany	8	(a) M.	75-75-75	2.00-2.00-2.00	1891 Italy	638	(a) M.	(a)	.97- .97- .97
1883 Conn.	8	1 M.	60-60-60	4.00-4.00-4.00	1893 Italy	639	(a) M.	(a)	.97- .97- .97
1885 Mass.	1	7 M.	60-60-60	4.50-4.50-4.50	1894 N. Y.	8	1 M.	60-60-60	4.79-4.79-4.79
1887 Germany	557	(a) (a)	60-60-60	1.19-1.43- —	1896 Conn.	8	1 M.	60-60-60	4.00-4.00-4.00
1888 Conn.	8	1 M.	60-60-60	4.00-4.00-4.00	1896 N. Y.	8	2 M.	60-60-60	3.50-3.50-3.50
1888 Germany	558	(a) (a)	60-60-60	1.19-1.59- —	1897 N. Y.	8	5 M.	60-60-60	3.00-4.25-3.55

FOREMEN, FIREMEN, ILLUMINATING GAS.

1869 Mass.	190	1 M.	84-84-84	2.50-2.50-2.50	1884 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1870 Mass.	190	1 M.	84-84-84	2.50-2.50-2.50	1885 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1871 Mass.	190	1 M.	84-84-84	2.50-2.50-2.50	1886 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1872 Mass.	190	1 M.	84-84-84	2.50-2.50-2.50	1887 Mass.	190	1 M.	84-84-84	2.17-2.17-2.17
1873 Mass.	190	2 M.	84-84-84	2.50-2.50-2.50	1888 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1874 Mass.	190	1 M.	84-84-84	3.00-3.00-3.00	1888 N. Y.	331	2 M.	84-84-84	2.76-2.76-2.76
1875 Mass.	190	2 M.	84-84-84	3.00-3.00-3.00	1889 Mass.	190	3 M.	84-84-84	2.13-2.17-2.16
1876 Mass.	190	2 M.	84-84-84	2.25-2.25-2.25	1890 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1877 Mass.	190	2 M.	84-84-84	2.25-2.25-2.25	1890 Netherl'ds	666	(a) M.	(a)	1.04-1.04-1.04
1878 Mass.	190	1 M.	84-84-84	2.15-2.15-2.15	1891 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17
1879 Mass.	190	2 M.	84-84-84	2.00-2.00-2.00	1892 Mass.	190	2 M.	84-84-84	2.40-2.40-2.40
1880 Mass.	190	2 M.	84-84-84	2.00-2.00-2.00	1892 Ohio	20	3 M.	84-84-84	3.25-3.25-3.25
1881 Mass.	190	2 M.	84-84-84	2.00-2.00-2.00	1893 Ohio	20	3 M.	84-84-84	3.25-3.25-3.25
1882 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17	1894 Ohio	20	3 M.	84-84-84	3.25-3.25-3.25
1883 Mass.	190	2 M.	84-84-84	2.17-2.17-2.17	1895 Ohio	20	3 M.	84-84-84	3.00-3.00-3.00

FOREMEN (NOT SPECIFIED), FLOUR MILL.

1868 Germany	185	(a) M.	(a)	.72- .72- .72	1890 Ohio	371	24 (a)	60-72-61	2.00-4.00-2.90
1868 Germany	610	(a) M.	72-72-72	*b* .34- .34- .34	1890 Netherl'ds	666	(a) M.	(a)	.60- .67- —
1868 Germany	610	(a) M.	72-72-72	*c* .42- .42- .42	1891 N. Y.	333	4 M.	(a)	1.92-3.20-2.31
1872 Netherl'ds	185	(a) M.	84-84-84	.98-1.15- —	1891 Ohio	372	13 M.	60-60-60	1.30-5.00-3.03
1877 Ohio	359	3 M.	(a)	3.00-3.00-3.00	1891 Belgium	457	(a) M.	63-63-63	1.06-1.06-1.06
1882 Ohio	364	10 (a)	*d* 60-72-67	1.75-4.00-2.77	1891 France	505	(a) M.	77-77-77	1.93-1.93-1.93
1884 Iowa	231	9 M.	63-63-63	2.34-2.34-2.34	1891 France	505	(a) M.	77-77-77	*h* 2.32-2.32-2.32
1884 Mich.	278	2 M.	(a)	1.45-5.00-3.23	1892 Cal.	196	2 M.	*i* 54-54-54	3.00-4.17-3.59
1884 Ohio	366	29 M.	(a)	1.33-5.00-2.71	1892 Algeria	505	(a) M.	*j* 63-77 —	.77-2.32- —
1884 France	178	(a) M.	64-64-64	1.33-1.33-1.33	1892 France	505	(a) M.	*k* 57-84 —	.51-2.20- —
1884 Germany	178	(a) M.	72-72-72	.95-2.86- —	1892 France	505	(a) M.	72-72-72	*f* .38- .58- —
1884 Italy	178	(a) M.	*e* 60-72 —	.48-1.85- —	1892 France	505	(a) M.	60-84 —	*c* .63-1.53- —
1884 Spain	178	(a) M.	(a)	.50-1.20- —	1892 France	505	(a) M.	70-81 —	*l* 1.16-1.93- —
1884 Switzerl'd.	178	(a) M.	90-90-90	*f* .52- .97- —	1892 France	505	(a) M.	77-77-77	*m* .65- .65- .65
1885 Mo.	1	2 M.	72-72-72	6.92-6.92-6.92	1894 Ind	228	4 M.	63-63-63	3.12-3.12-3.12
1886 Ohio	368	2 M.	(a)	2.00-2.00-2.00	1894 France	129	(a) M.	(a)	1.54-2.32- —
1887 Canada	469	(a) M.	66-66-66	2.26-2.36- —	1895 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1887 Germany	557	(a) (a)	60-60-60	.90-1.04- —	1896 Mo.	305	10 M.	60-72-62	1.50-2.72-2.36
1887 Germany	557	(a) (a)	60-60-60	*c* 1.07-1.07-1.07	1896 Canada	482	(a) (a)	(a)	4.17-4.17-4.17
1888 Kans.	242	23 M.	*g* 60-72-64	1.66-5.00-3.10	1898 Ill.	18	2 M.	(a)	2.75-3.00-2.88
1888 Canada	470	(a) M.	65-65-65	2.23-2.23-2.23	1898 Iowa	18	7 (a)	(a)	1.75-4.79-2.72
1889 Kans.	243	20 M.	60-72-65	1.35-5.00-2.60	1898 Mo.	306	14 M.	(a)	1.73-4.79-3.70
1889 Canada	471	(a) M.	60-61 —	2.29-2.54- —	1898 Australia	429	(a) (a)	(a)	2.43-4.87- —
1889 Portugal	691	(a) (a)	(a)	.97- .97- .97	1898 Denmark	493	(a) M.	(a)	1.07-1.56- —
1890 N. Y.	333	3 M.	(a)	1.80-2.12-1.95					

a Not reported.
b And board.
c And lodging.
d Not including hours of 2 persons not reported.
e Applies to but 2 of the 3 wage quotations.
f And board and lodging.
g Not including hours of 3 persons not reported.
h And *gratifications*.
i Not including hours of 1 person not reported.
j Applies to but 4 of the 5 wage quotations.
k Applies to but 36 of the 38 wage quotations.
l And lodging and fuel.
m And lodging and *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, FOLDERS, PRINTING AND PUBLISHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1882 Mass	7	1 M.	59-59-59	1.83-1.83-1.83
1869 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1882 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50
1870 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1883 N. Y.	7	1 M.	59-59-59	2.50-2.50-2.50
1871 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1883 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1872 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1884 N. Y.	190	1 M.	59-59-59	3.83-3.83-3.83
1873 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1885 N. Y.	7	1 M.	59-59-59	4.00-4.00-4.00
1874 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1885 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1875 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1886 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1876 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1887 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1877 N. Y.	190	1 M.	59-59-59	2.50-2.50-2.50	1888 N. Y.	190	1 M.	59-59-59	2.83-2.83 2.83
1878 N. Y.	190	1 M.	59-59-59	2.33-2.33-2.33	1889 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1879 N. Y.	190	1 M.	59-59-59	2.33-2.33-2.33	1890 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1880 N. Y.	190	1 M.	59-59-59	2.33-2.33-2.33	1891 N. Y.	190	1 M.	59-59-59	2.83-2.83-2.83
1881 N. Y.	190	1 M.	59-59-59	2.33-2.33-2.33	1895 N. Y.	7	2 M.	59-59-59	2.83-4.17-3.50

FOREMEN, FORGERS.

1878 Italy	177	(a)	M.	(a)	.80-1.20- —	1891 Italy	638	(a)	M.	60-66 —	1.06-2.32- —
1883 Conn	8	1	M.	60-60-60	5.00-5.00-5.00	1892 Mass	20	1	M.	60-60-60	3.00-3.00-3.00
1883 Italy	633	(a)	M.	63-63-63	1.35-1.35-1.35	1893 Mass	20	1	M.	60-60-60	3 00-3.00-3.00
1884 Germany	178	(a)	M.	60-60-60	.71- .83- —	1893 Italy	639	(a)	M.	60-60-60	1.74-2.32- —
1884 Italy	178	(a)	M.	(a)	.84- .84- .84	1894 N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1884 Spain	178	(a)	M.	60-60-60	1.06-1.92- —	1895 Mass	20	1	M.	60-60-60	3.00-3.00 3.00
1886 Italy	633	(a)	M.	60-66 —	.77-2.32- —	1895 N. Y.	8	1	M.	60-60-60	3.50-3.50-3.50
1888 Conn	8	1	M.	60-60-60	4.00-4.00-4.00	1897 N. Y.	8	2	M.	60-60-60	3.00-3.00-3.00

FOREMEN (NOT SPECIFIED), FOUNDRY AND MACHINE SHOP.

1854 N. Y.	190	1	M.	60-60-60	1.00-1.00-1.00	1878 Canada	177	(a)	M.	(a)	1.92-3.19- —
1855 N. Y.	190	1	M.	60-60-60	1.20-1.20-1.20	1879 Mo	293	5	M.	(a)	2.00-3.33-3.07
1856 N. Y.	190	1	M.	60-60-60	1.20-1.20-1.20	1879 Ohio	361	206	M.	(a)	3.17-3.29-3.27
1857 N. Y.	190	1	M.	60-60-60	1.38-1.38-1.38	1879 Pa	384	143	M.	d60-60-60	1.00-5.00-2.74
1857 Ireland	561	(a)	(a)	(a)	1.54-1.54-1.54	1879 Germany	545	(a)	M.	e60-60-60	.68-1.37- —
1863 England	565	(a)	(a)	58-58-58	1.50-1.50-1.50	1880 Ohio	362	221	M.	(a)	1.83-5.00-3.20
1866 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1880 England	571	(a)	M.	54-54-54	1.26-2.43- —
1867 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1880 Scotland	571	(a)	M.	54-54-54	1.95-2.0?- —
1868 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1881 Ill	1	2	M.	60-60-60	2.25-2.25-2.25
1868 Germany	610	(a)	M.	b60-72 —	.20-1.87- —	1881 N. H	7	1	M.	65-65-65	3.25-3.25-3.25
1869 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1881 Ohio	7	2	M.	60-60-60	3.33-4.17-3.75
1870 Mass	190	1	M.	60-60-60	4.00-4.00-4.00	1881 Ohio	363	33	M.	c48-60-59	2.50-4.00-3.09
1870 Germany	610	(a)	M.	60-60-60	.71- .71- .71	1881 Scotland	29	(a)	(a)	54-54-54	1.33-1.33-1.33
1871 Mass	267	10	M.	60-60-60	5.00-5.00-5.00	1882 Mass	190	1	M.	60-60-60	4.00-4.00-4.00
1871 Germany	185	(a)	M.	(a)	1.20-1.72- —	1882 N. J	321	1	M.	(a)	2.00-2.00-2.00
1872 Ohio	359	1	M.	(a)	3.50-3.50-3.50	1882 Ohio	364	259	(a)	f54-72-60	1.50-6.38-3.36
1872 Belgium	185	(a)	M.	(a)	1.20-1.40- —	1882 Italy	633	(a)	M.	66-66-66	1.35-1.35-1.35
1872 England	185	(a)	(a)	54-54-54	1.61-3.23- —	1882 Scotland	37	(a)	M.	54-54-54	1.50-1.50-1.50
1872 Germany	185	(a)	M.	(a)	.78-1.86- —	1883 Mass	273	19	M.	(a)	1.75-4.38-4.16
1873 Germany	185	(a)	(a)	60-60-60	1.44-1.80- —	1883 England	572	(a)	M.	54-54-54	1.49-2.43- —
1874 Pa	185	9	M.	60-60-60	4.17-4.17-4.17	1883 Scotland	572	(a)	M.	54-54-54	1.62-2.15- —
1874 Pa	380	2	M.	(a)	3.50-4.00-3.75	1884 Mich	278	8	M.	(a)	2.50-3.50-3.16
1874 Canada	185	(a)	M.	59-60 —	2.50-3.00- —	1884 N. J	323	1	M.	60-60-60	7.50-7.50-7.50
1874 Scotland	185	(a)	M.	51-51-51	2.44-2.44-2.44	1884 Ohio	366	194	M.	(a)	2.00-6.67-3.33
1875 Mass	190	1	M.	60-60-60	3.19-3.19-3.19	1884 Ohio	367	65	M.	(a)	2.17-5.33-3.56
1876 Mass	190	2	M.	60-60-60	3.19-5.00-4.10	1884 W. Va	7	3	M.	60-60-60	2.00-2.50-2.17
1876 Pa	381	106	M.	(a)	1.75-6.21-3.85	1884 Aust-Hun	178	(a)	M.	60-66 —	.88-1.83- —
1876 Pa	382	3	M.	(a)	2.15-5.00-3.47	1884 Brazil	178	(a)	M.	63-63-63	3.00-3.21- —
1877 Mass	190	2	M.	60-60-60	3.19-5.00-4.10	1884 Canada	178	(a)	M.	g58-60 —	2.00-4.00- —
1877 Ohio	359	114	M.	(a)	1.83-5.83-3.60	1884 Cuba	178	(a)	(a)	(a)	7.15-7.15-7.15
1877 Pa	382	2	M.	60-60-60	3.50-5.00-4.25	1884 Ecuador	178	(a)	M.	60-60-60	3.33-4.17- —
1877 Scotland	570	(a)	M.	51-51-51	1.88-1.88-1.88	1884 England	178	(a)	M.	h53-54 —	1.40-5.68- —
1878 Mass	190	2	M.	60-60-60	3.19-5.00-4.10	1884 France	178	(a)	M.	60-60-60	1.54-2.70- —
1878 Ohio	360	4	M.	(a)	3.68-3.68-3.68	1884 Germany	178	(a)	M.	i60-66 —	.95-2.06- —
1878 Pa	383	28	M.	c54-60-57	1.50-3.50-2.63	1884 Italy	178	(a)	M.	42-42-42	j1.48-1.48-1.48

a Not reported.
b Applies to but 3 of the 7 wage quotations.
c Not including hours of 3 persons not reported.
d Not including hours of 102 persons not reported.
e Applies to but 2 of the 6 wage quotations.
f Not including hours of 10 persons not reported.
g Applies to but 3 of the 5 wage quotations.
h Applies to but 8 of the 15 wage quotations.
i Applies to but 13 of the 17 wage quotations.
j And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), FOUNDRY AND MACHINE SHOP—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Peru	178	(a) M.	54-54-54	3.94-3.94-3.94
1884 Scotland	178	(a) M.	51-51-51	1.70-2.04- —
1884 Spain	178	(a) M.	57-60 —	1.50-3.39- —
1884 Switzerl'd	178	(a) M.	b60-65 —	.89-5.92- —
1884 Turk.in A.	178	(a) (a)	66-66-66	2.04-3.06- —
1884 Venezuela	178	(a) (a)	60-60-60	4.00-5.00- —
1884 Wales	178	(a) M.	54-91 —	1.22-3.32- —
1885 Cal.	1	13 M.	60-60-60	2.50-8.00-4.71
1885 Ill	1	1 M.	60-60-60	3.25-3.25-3.25
1885 N. J	8	1 M.	60-60-60	2.00-2.00-2.00
1885 N. Y.	1	7 M.	60-60-60	4.00-5.50-4.36
1885 Ohio	367	64 M.	(a)	2.00-5.00-3.44
1885 Pa	1	6 M.	60-60-60	3.00-3.00-3.00
1885 Germany	547	(a) M.	(a)	1.43-1.79- —
1886 N. J	325	24 M.	c60-60-60	1.50-5.00-2.35
1886 Belgium	456	(a) (a)	(a)	1.64-1.64-1.64
1886 England	604	(a) M.	d54-54-54	1.04-3.19- —
1886 Germany	184	(a) M.	(a)	1.12-2.28- —
1886 Germany	548	(a) (a)	(a)	.95-1.19- —
1886 Gr't Brit	604	(a) M.	e54-54-54	1.26-2.19- —
1886 Ireland	604	(a) M.	f54-54-54	1.00 2.51- —
1886 Italy	633	(a) M.	60-66 —	.77-2.90- —
1886 Scotland	604	(a) M.	g54-54-54	1.04-2.83- —
1887 Conn.	202	5 M.	(a)	2.30-6.44-4.37
1887 Md.	4	1 M.	(a)	3.83-3.83-3.83
1887 Pa	4	1 M.	(a)	h.31- .31- .31
1887 Wis	409	244 M.	(a)	3.32-3.32-3.32
1887 Germany	557	(a) (a)	45-72 —	.67-2.38- —
1888 Conn.	190	1 M.	60-60-60	5.18-5.18-5.18
1888 N. J	326	24 M.	(a)	2.00-5.00-3.41
1888 N. Y.	331	7 M.	i54-58-55	1.83-4.16-3.05
1888 Canada	178	(a) M.	(a)	2.00-2.00-2.00
1888 Canada	470	(a) M.	61-61-61	3.22-3.22-3.22
1888 Germany	558	(a) (a)	51-66 —	.71-3.01- —
1889 Ala.	5	2 M.	84-84-84	2.88-5.77-4.33
1889 Canada	471	(a) M.	60-60-60	2.38-2.38-2.38
1890 Ala.	5	1 M.	70-70-70	3.19-3.19-3.19
1890 Mich.	282	66 M.	60-60-60	1.25-5.00-2.99
1890 N. Y.	333	86 M.	(a)	1.50-6.67-4.01
1890 Ohio	371	81 (a)	54-60-60	1.40-5.00-2.99
1891 Mo.	300	1 M.	(a)	4.16-4.16-4.16
1891 N. Y.	333	137 M.	(a)	1.50-7.19-3.87
1891 Ohio	372	180 M.	51-60-60	1.75-8.00-3.26
1891 Belgium	457	(a) M.	62-62-62	.93-1.06- —
1891 France	505	(a) M.	60-84 —	1.54-3.67- —
1891 France	505	(a) M.	j60-84 —	j1.54-3.28- —
1891 Germany	184	(a) M.	(a)	1.07-1.46- —
1891 Italy	638	(a) M.	60-66 —	.68-4.83- —
1892 Ind	227	16 M.	60-60-60	2.70-4.00-2.93
1892 Mass	20	8 M.	60-60-60	2.40-3.75-3.09
1892 N. Y.	20	2 M.	60-60-60	3.75-4.75-4.25
1892 Pa	20	5 M.	60-60-60	1.90-10.42-4.61
1892 Algeria	505	(a) M.	67-67-67	i1.35-1.35-1.35
1892 Australia	424	(a) M.	(a)	1.62-4.06- —
1892 C.of G'd H.	486	(a) M.	(a)	3.92-3.92-3.92
1892 France	119	(a) M.	(a)	1.48-2.19- —
1892 France	505	(a) M.	57-84 —	.48-3.47- —
1892 France	505	(a) M.	72-72-72	k1.01-2.03- —
1892 France	505	(a) M.	60-69 —	j1.05-2.47- —
1892 Germany	184	(a) M.	(a)	1.07-2.19- —
1893 Md.	10	1 M.	60-60-60	2.50-2.50-2.50
1893 Mass	20	8 M.	60-60-60	2.40-3.75-3.03
1893 Mich	285	1 M.	57-57-57	1.50-1.50-1.50
1893 N. Y.	20	2 M.	60-60-60	3.75-4.75-4.25
1893 Pa	10	1 M.	63-63-63	2.50-2.50-2.50
1893 Pa	20	6 M.	60-60-60	2.00-10.42-4.48
1893 Italy	639	(a) M.	60-60-60	1.93-4.83- —
1893 Lux'burg	128	(a) M.	(a)	1.00-1.40- —
1894 Ind	228	30 M.	48-60-56	2.25-4.75-2.93
1894 Mass	20	6 M.	60-60-60	1.90-3.25-2.48
1894 N. Y.	8	2 M.	60-60-60	3.00-3.20-3.10
1894 N. Y.	20	2 M.	60-60-60	3.75-4.75-4.25
1894 Ohio	375	1 M.	60-60-60	3.33-3.33-3.33
1894 Pa	20	6 M.	60-60-60	1.80-10.42-4.07
1894 Aust-Hun	434	(a) M.	60-60-60	1.69-1.69-1.69
1894 France	129	(a) M.	60-60-60	1.40-4.64- —
1895 Mass	7	1 M.	59-59-59	5.70-5.70-5.70
1895 Mass	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Mass	20	5 M.	60-60-60	1.90-2.70-2.37
1895 N. H	7	1 M.	60-60-60	3.50-3.50-3.50
1895 N. Y.	8	1 M.	60-60-60	4.00-4.00-4.00
1895 N. Y.	20	2 M.	60-60-60	3.75-4.75-4.25
1895 Pa	20	5 M.	60-60-60	2.40-10.42-4.56
1895 France	677	(a) M.	60-60-60	1.85-3.90- —
1896 Conn.	8	4 M.	60-60-60	3.50-5.00-4.63
1896 N. J	8	4 M.	60-60-60	4.00-4.00-4.00
1896 N. Y.	8	2 M.	60-60-60	4.00-4.00-4.00
1896 Ohio	7	2 M.	60-60-60	4.17-5.00-4.59
1896 Ohio	377	7 M.	60-60-60	2.75-3.58-3.46
1896 Pa	8	4 M.	60-60-60	4.00-4.00-4.00
1896 Pa	394	5 M.	60-60-60	1.60-2.75-2.23
1896 Aust-Hun	436	(a) (a)	60-60-60	.88- .88- .88
1897 Conn.	8	1 M.	60-60-60	4.00-4.00-4.00
1897 Pa	8	2 M.	48-50-49	2.75-4.00-3.38
1898 Denmark	493	(a) M.	(a)	1.72-1.72-1.72

FOREMEN, FREIGHT HANDLERS, RAILROAD.

1870 England	177	(a) M.	(a)	.96-1.40- —
1870 Norway	185	(a) M.	(a)	.49- .66- —
1873 Scotland	177	(a) M.	(a)	.80- .93- —
1878 England	177	(a) M.	(a)	1.08-1.62- —
1878 Germany	177	(a) M.	(a)	1.03-3.13- —
1878 Scotland	177	(a) M.	(a)	.80- .96- —
1884 C.of G'd H.	178	(a) (a)	(a)	1.20-1.78- —
1884 England	178	(a) M.	(a)	1.01-1.42- —
1884 Germany	178	(a) M.	(a)	.72- .96- —
1884 Italy	178	(a) M.	(a)	.67- .74- —
1884 Scotland	178	(a) M.	(a)	.89- .97- —
1884 Spain	178	(a) M.	84-84-84	.53- .53- .53
1884 Wales	178	(a) M.	(a)	1.03-1.13- —
1885 Mich.	279	22 M.	(a)	1.53-3.83-2.20
1887 Conn.	4	1 M.	(a)	1.73-1.73-1.73
1887 Mass	4	22 M.	(a)	1.34-3.20-2.16
1887 Mich.	4	1 M.	(a)	2.68-2.68-2.68
1887 Mo.	4	6 M.	(a)	2.40-4.31-3.28
1887 N. Y.	4	36 M.	(a)	1.73-4.79-2.63
1887 Pa	4	5 M.	(a)	1.40-2.88-1.94
1887 R. I	4	1 M.	(a)	2.88-2.88-2.88
1887 Wis	4	3 M.	(a)	1.92-1.92-1.92
1890 Kans.	244	1 M.	(a)	1.75-1.75-1.75
1890 Netherl'ds	666	(a) M.	54-60 —	.44- .95- —
1893 Mich.	285	15 M.	60-72-65	1.50-3.19-2.07

a Not reported.
b Applies to but 5 of the 7 wage quotations.
c Not including hours of 17 persons not reported.
d Applies to but 44 of the 75 wage quotations.
e Applies to but 3 of the 7 wage quotations.
f Applies to but 11 of the 14 wage quotations.
g Applies to but 7 of the 33 wage quotations.
h Per hour.
i Not including hours of 1 person not reported.
j And *gratifications*.
k And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), FUR AND FUR GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Wis	7	2 M.	59-59-59	4.17-5.83-5.00	1891 France	505	(a) M.	70-70-70	1.54-2.32- —
1886 Mich	7	2 M.	60-60-60	4.17-6.67-5.42	1893 N. Y	10	1 M.	60-60-60	2.00-2.00-2.00
1887 Germany	557	(a) (a)	60-66 —	.63-1.43- —	1895 Ill	7	1 M.	54-54-54	3.33-3.33-3.33
1888 Germany	558	(a) (a)	60-66 —	.60-1.53- —	1895 Wis	7	3 M.	59-59-59	4.17-6.67-5.00
1890 Minn	292	6 M.	(a)	3.00-5.75-3.70	1896 Mich	7	2 M.	54-54-54	4.17-7.50-5.84
1890 N. Y	333	2 M.	(a)	3.33-4.58-3.96	1898 Denmark	493	(a) M.	(a)	1.34-1.74- —
1891 N. Y	333	2 M.	(a)	4.17-4.58-4.38					

FOREMEN, FURNACE, FOUNDRY AND MACHINE SHOP.

1849 Mass	190	3 M.	60-60-60	2.25-2.50-2.42	1870 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1850 Mass	190	3 M.	60-60-60	2.25-2.50-2.42	1871 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1851 Mass	190	2 M.	60-60-60	2.50-2.50-2.50	1872 Mass	190	2 M.	60-60-60	3.50-4.79-4.15
1852 Mass	190	1 M.	60-60-60	2.50-2.50-2.50	1873 Mass	190	4 M.	60-60-60	3.00-4.79-3.57
1853 Mass	190	1 M.	60-60-60	2.50-2.50-2.50	1874 Mass	190	3 M.	60-60-60	3.25-5.43-4.06
1854 Mass	190	1 M.	60-60-60	2.75-2.75-2.75	1875 Mass	190	2 M.	60-60-60	3.50-5.43-4.47
1855 Mass	190	1 M.	60-60-60	2.75-2.75-2.75	1876 Mass	190	2 M.	60-60-60	3.00-5.43-4.22
1856 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1877 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1857 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1878 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1858 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1879 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1859 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1880 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1860 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1881 Mass	190	2 M.	60-60-60	2.56-3.00-2.78
1861 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1882 Mass	190	2 M.	60-60-60	2.56-5.75-4.16
1862 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1883 Mass	190	1 M.	60-60-60	4.79-4.79-4.79
1863 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1884 Mass	190	1 M.	60-60-60	4.79-4.79-4.79
1864 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1887 Mass	190	2 M.	60-60-60	3.00-3.00-3.00
1865 Mass	190	1 M.	60-60-60	3.50-3.50-3.50	1888 Mass	190	2 M.	60-60-60	3.00-3.00-3.00
1866 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1889 Mass	190	2 M.	60-60-60	3.00-3.00-3.00
1867 Mass	190	1 M.	60-60-60	3.50-3.50-3.50	1890 Mass	190	1 M.	60-60-60	3.50-3.50-3.50
1868 Mass	190	1 M.	60-60-60	3.50-3.50-3.50	1891 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1869 Mass	190	1 M.	60-60-60	3.50-3.50-3.50	1892 Mass	190	1 M.	60-60-60	3.25-3.25-3.25

FOREMEN (NOT SPECIFIED), FURNITURE.

1850 Mass	8	1 M.	60-60-60	2.25-2.25-2.25	1891 Mich	283	1 M.	(a)	2.50-2.50-2.50
1856 Mass	8	2 M.	60-60-60	1.75-1.75-1.75	1891 N. Y	333	50 M.	(a)	1.75-4.67-2.93
1866 Pa	8	1 M.	60-60-60	3.00-3.00-3.00	1891 Ohio	372	12 M.	54-60-60	2.00-3.50-2.78
1877 Ohio	359	26 M.	(a)	2.50-9.58-3.95	1891 France	505	(a) M.	d60-70 —	1.35-6.47- —
1877 Pa	382	1 M.	60-60-60	3.50-3.50-3.50	1891 France	505	(a) M.	77-77-77	e1.93-2.12- —
1879 Pa	384	6 M.	b59-60-60	1.92-3.75-2.82	1892 Ind	227	52 M.	48-60-60	2.00-3.00-2.74
1882 Mo	294	2 M.	60-60-60	4.00-4.00-4.00	1892 Algeria	505	(a) M.	70-70-70	1.16-1.54- —
1882 Ohio	364	57 (a)	60-60-60	2.25-3.83-2.77	1892 Australia	424	(a) M.	(a)	1.22-3.65- —
1883 Mass	273	11 M.	(a)	1.00-3.50-2.57	1892 France	505	(a) M.	60-84 —	.58-2.60- —
1883 Ohio	365	3 M.	60-66-62	1.84-2.75-2.31	1892 France	505	(a) M.	72-72-72	f.77-1.54- —
1884 Mich	278	5 M.	(a)	2.50-3.00-2.65	1892 Germany	184	(a) M.	(a)	1.98-1.98-1.98
1884 Ohio	366	153 M.	(a)	1.50-5.00-2.78	1893 Ill	10	1 M.	59-59-59	2.50-2.50-2.50
1885 Conn	7	1 M.	60-60-60	1.60-1.60-1.60	1893 Ohio	374	1 M.	54-54-54	1.50-1.50-1.50
1885 Ind	1	4 M.	60-60-60	3.00-3.00-3.00	1894 Ga	8	1 M.	60-60-60	1.60-1.60-1.60
1885 Mich	1	19 M.	60-60-60	1.50-4.50-2.93	1894 Ind	228	35 M.	51-60-57	1.92-3.00-2.56
1885 N. Y	7	1 M.	(a)	5.00-5.00-5.00	1894 Iowa	236	1 M.	60-60-60	3.25-3.25-3.25
1886 Argentina	57	(a) M.	60-60-60	4.17-6.17- —	1894 N. H	316	1 M.	59-59-59	4.00-4.00-4.00
1886 Germany	184	(a) M.	(a)	1.43-1.43-1.43	1894 N. Y	8	14 M.	60-60-60	1.50-6.40-3.12
1887 Wis	409	83 M.	(a)	2.31-2.89-2.85	1894 Australia	425	(a) (a)	(a)	2.64-4.06- —
1887 Germany	557	(a) (a)	54-57 —	.83-1.98- —	1894 France	129	(a) M.	60-60-60	1.35-6.46- —
1888 N. Y	331	4 M.	c59-60-60	2.50-4.79-3.47	1895 Conn	7	1 M.	60-60-60	2.13-2.13-2.13
1888 Canada	470	(a) M.	60-60-60	2.68-2.68-2.68	1895 Mass	8	5 M.	60-60-60	2.50-3.00-2.70
1888 Germany	558	(a) (a)	57-57-57	1.59-1.59-1.59	1895 N. Y	7	1 M.	48-48-48	5.83-5.83-5.83
1889 Mich	281	84 M.	c60-60-60	.75-3.84-2.32	1895 N. Y	8	13 M.	60-60-60	1.50-4.25-2.85
1889 Canada	471	(a) M.	60-60-60	2.59-2.59-2.59	1895 N. C	8	3 M.	60-60-60	1.50-2.50-2.00
1890 Minn	292	4 M.	(a)	2.00-3.00-2.66	1895 Australia	426	(a) (a)	(a)	2.64-4.06- —
1890 N. Y	333	27 M.	(a)	2.00-3.50-2.72	1895 Aust-Hun	435	(a) M.	54-54-54	1.69-1.69-1.69
1890 Ohio	371	91 (a)	54-60-59	1.34-4.50-2.57	1895 Canada	187	(a) M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 1 person not reported.
d Applies to but 6 of the 8 wage quotations.
e And *gratifications*.
f And lodging and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), FURNITURE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Ga	8	1 M.	60-60-60	2.50-2.50-2.50	1897 Mass	8	14 M.	60-60-60	2.00-5.75-3.36
1896 N. Y	8	2 M.	60-60-60	3.50-3.50-3.50	1897 N. Y	8	4 M.	60-60-60	2.00-4.00-2.69
1896 Ohio	377	2 M.	54-54-54	2.50-2.50-2.50	1897 Australia	428	(a) (a)	(a)	2.03-3.65- —
1896 Australia	427	(a) (a)	(a)	2.64-4.06- —	1898 Mo	306	48 M.	(a)	1.53-7.67-3.07
1896 Aust-Hun	436	(a) (a)	54-60 —	1.02-1.08- —	1898 Australia	429	(a) (a)	(a)	2.03-3.65- —
1896 Canada	482	(a) (a)	(a)	3.50-3.50-3.50					

FOREMEN, GAS-METER MEN.

1874 Mass	190	1 M.	60-60-60	2.88-2.88-2.88	1883 Mass	190	2 M.	60-60-60	2.00-2.00-2.00
1875 Mass	190	1 M.	60-60-60	2.88-2.88-2.88	1884 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1876 Mass	190	1 M.	60-60-60	2.88-2.88-2.88	1885 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1877 Mass	190	1 M.	60-60-60	2.25-2.25-2.25	1886 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1878 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1887 Mass	190	1 M.	60-60-60	2.25-2.25-2.25
1879 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1888 Mass	190	1 M.	60-60-60	2.25-2.25-2.25
1880 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1889 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1881 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1890 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1882 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1891 Mass	190	1 M.	60-60-60	2.25-2.25-2.25

FOREMEN (NOT SPECIFIED), GAS WORKS.

1849 Ohio	190	3 M.	84-84-84	1.31-2.30-1.64	1882 France	502	(a) M.	(a)	.83-1.45- —
1850 Ohio	190	4 M.	84-84-84	1.23-2.30-1.53	1883 Ohio	190	2 M.	84-84-84	5.18-11.50-8.34
1851 Ohio	190	3 M.	84-84-84	1.38-2.30-1.69	1883 England	572	(a) (a)	65-65-65	1.62-1.62-1.62
1852 Ohio	190	2 M.	84-84-84	1.38-2.30-1.84	1883 France	503	(a) M.	(a)	.82-1.45- —
1853 Ohio	190	3 M.	84-84-84	1.38-2.69-2.12	1883 Ireland	572	(a) M.	84-84-84	1.22-1.22-1.22
1854 Ohio	190	3 M.	84-84-84	1.50-3.20-2.33	1884 Ohio	190	3 M.	84-84-84	5.18-11.50-7.48
1855 Ohio	190	3 M.	84-84-84	1.50-3.52-2.63	1884 France	504	(a) M.	(a)	.82-1.45- —
1856 Ohio	190	3 M.	84-84-84	1.50-3.52-2.74	1884 Italy	178	(a) M.	84-84-84	.73- .97- —
1857 Ohio	190	1 M.	84-84-84	3.52-3.52-3.52	1885 Ohio	190	3 M.	84-84-84	2.50-6.71-3.90
1858 Ohio	190	1 M.	84-84-84	3.52-3.52-3.52	1886 Ohio	190	3 M.	84-84-84	2.25-7.67-4.06
1859 Ohio	190	1 M.	84-84-84	3.52-3.52-3.52	1886 England	603	(a) M.	b 84-84-84	1.40-1.90- —
1860 Ohio	190	1 M.	84-84-84	3.52-3.52-3.52	1886 Germany	548	(a) (a)	(a)	.71- .95- —
1861 Ohio	190	1 M.	84-84-84	3.84-3.84-3.84	1886 Ireland	603	(a) M.	84-84-84	1.72-1.72-1.72
1862 Ohio	190	1 M.	84-84-84	5.75-5.75-5.75	1886 Scotland	603	(a) M.	(a)	1.27-1.70- —
1863 Ohio	190	2 M.	84-84-84	2.50-6.39-4.45	1887 Ohio	190	3 M.	84-84-84	2.25-8.63-4.38
1864 Ohio	190	1 M.	84-84-84	3.00-3.00-3.00	1887 R. I	4	1 M.	(a)	3.29-3.29-3.29
1865 Ohio	190	1 M.	84-84-84	4.60-4.60-4.60	1887 Wis	409	11 M.	(a)	2.59-2.59-2.59
1866 Ohio	190	1 M.	84-84-84	4.60-4.60-4.60	1887 Germany	557	(a) (a)	60-63 —	.71-1.43- —
1866 Scotland	566	(a) M.	84-84-84	1.13-1.13-1.13	1888 N. Y	331	39 M.	c 70-84-78	2.00-5.00-3.20
1867 Ohio	190	1 M.	84-84-84	5.37-5.37-5.37	1888 Ohio	190	4 M.	84-84-84	2.25-5.75-3.28
1868 Ohio	190	1 M.	84-84-84	5.75-5.75-5.75	1888 Canada	470	(a) M.	64-64-64	2.05-2.05-2.05
1869 Ohio	190	1 M.	84-84-84	5.75-5.75-5.75	1888 Germany	558	(a) (a)	60-63 —	.64-1.43- —
1870 Ohio	190	1 M.	84-84-84	5.75-5.75-5.75	1889 Ill	5	10 M.	72-84-79	2.00-2.55-2.31
1870 Germany	610	(a) M.	70-70-70	.71- .71- .71	1889 Ohio	190	4 M.	84-84-84	1.75-5.75-3.18
1870 Norway	610	(a) M.	(a)	.56- .62- —	1889 Canada	471	(a) M.	67-67-67	2.72-2.72-2.72
1871 Ohio	190	1 M.	84-84-84	9.59-9.59-9.59	1889 England	5	(a) M.	(a)	.85- .85- .85
1871 Netherl'ds	611	(a) M.	84-84-84	.69-1.04- —	1890 N. Y	333	8 M.	(a)	1.39-3.29-2.37
1871 Norway	185	(a) M.	(a)	.55- .61- —	1890 Ohio	190	4 M.	84-84-84	1.75-6.14-3.27
1872 Ohio	190	2 M.	84-84-84	5.75-9.59-7.67	1890 Ohio	371	4 (a)	84-84-84	2.80-2.80-2.80
1872 Netherl'ds	185	(a) M.	84-84-84	.69-1.03- —	1890 Australia	180	(a) M.	d 56-56-56	1.58-2.56- —
1873 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1890 Australia	180	(a) M.	(a)	e 2.92-2.92-2.92
1873 Sweden	167	(a) M.	84-84-84	1.61-1.61-1.61	1890 Canada	180	(a) M.	70-70-70	2.86-3.29- —
1874 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1890 China	180	(a) M.	(a)	1.08-1.08-1.08
1875 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1890 Ecuador	180	(a) M.	63-63-63	1.64-1.64-1.64
1876 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1890 England	180	(a) M.	f 54-84 —	.90-1.32- —
1877 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1890 Germany	180	(a) M.	67-84 —	.72-1.19- —
1877 Ohio	359	4 M.	(a)	1.97-2.43-2.20	1890 Italy	180	(a) M.	84-84-84	.97- .97- .97
1878 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1891 Mass	190	2 M.	70-70-70	1.75-2.67-2.21
1879 Ohio	190	2 M.	84-84-84	5.75-11.50-8.63	1891 N. Y	333	11 M.	(a)	1.49-3.29-2.25
1880 Ohio	190	3 M.	84-84-84	3.84-11.50-7.03	1891 Ohio	190	4 M.	84-84-84	1.75-6.39-3.34
1881 Ohio	190	2 M.	84-84-84	3.84-11.50-7.67	1891 Ohio	372	14 M.	70-84-74	2.50-3.05-2.66
1881 France	501	(a) M.	(a)	.78-1.45- —	1891 France	522	(a) (a)	(a)	.82-1.45- —
1882 Ohio	190	2 M.	84-84-84	5.18-11.50-8.34	1891 Italy	638	(a) M.	74-74-74	.58- .63- —

a Not reported.
b Applies to but 2 of the 9 wage quotations.
c Not including hours of 2 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e And house.
f Applies to but 5 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), GAS WORKS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 Mass	20	1	M.	70-70-70	1.50-1.50-1.50	1893 Mass	20	1	M.	70-70-70	1.50-1.50-1.50
1892 Ohio	20	2	M.	70-70-70	2.00-3.00-2.50	1893 Ohio	20	2	M.	70-70-70	2.00-3.00-2.50
1892 Australia	424	(a)	M.	(a)	4.17-4.17-4.17	1894 Iowa	236	1	M.	70-70-70	2.47-2.47-2.47
1892 France	505	(a)	M.	67-84 —	.82-2.32- —	1894 Australia	425	(a)	(a)	(a)	2.84-4.87- —
1892 France	505	(a)	M.	74-74-74	b1.01-1.11- —	1895 Australia	426	(a)	(a)	(a)	2.84-4.87- —
1892 France	505	(a)	M.	70-77 —	c.69- .97- —	1896 Pa	14	2	M.	60-60-60	2.00-2.00-2.00
1892 France	505	(a)	M.	70-84 —	d.76 1.69- —	1896 Australia	427	(a)	(a)	(a)	2.84-4.87- —
1892 France	505	(a)	M.	70-74 —	e1.11-1.45- —	1897 Nebr	314	3	M.	h48-48-48	2.50-3.50-2.83
1892 France	505	(a)	M.	70-77 —	f.77-1.30- —	1897 Australia	428	(a)	(a)	(a)	2.84-4.87- —
1892 France	505	(a)	M.	77-77-77	g.97-1.74- —	1898 Australia	429	(a)	(a)	(a)	2.84-4.87- —
1893 Ill	10	2	M.	60-64-62	1.75-3.00-2.38	1898 Denmark	493	(a)	M.	(a)	1.13-1.42- —

FOREMEN (NOT SPECIFIED), GLASS.

1869 Italy	610	(a)	M.	(a)	.97-3.22- —	1890 Ohio	6	4	M.	(a)	4.27-10.42-5.80
1872 Belgium	185	(a)	(a)	(a)	1.15-1.53- —	1890 Ohio	371	46	(a)	48-96-58	2.00-6.39-4.16
1876 Pa	381	12	M.	(a)	2.17-6.67-4.90	1890 Pa	6	9	M.	(a)	2.15-13.40-6.94
1876 Pa	382	3	M.	(a)	5.00-6.00-5.60	1890 Belgium	6	(a)	M.	72-72-72	.82-1.17- —
1877 Ohio	359	8	M.	(a)	2.79-4.33-3.38	1890 Netherl'ds	666	(a)	M.	(a)	1.01-1.01-1.01
1879 Ohio	361	15	M.	(a)	3.77-3.77-3.77	1891 N. Y	333	3	M.	(a)	4.40-5.00-4.80
1879 Pa	384	33	M.	(a)	2.25-6.00-3.86	1891 Ohio	372	2	M.	48-54-51	2.00-4.17-3.09
1880 Ohio	362	19	M.	(a)	3.33-8.33-4.08	1891 France	505	(a)	M.	60-70 —	.77-3.86- —
1881 France	38	(a)	(a)	(a)	1.25-1.25-1.25	1891 France	505	(a)	M.	66-66-66	c1.45-1.45-1.45
1881 France	501	(a)	M.	(a)	.85-1.27- —	1891 France	522	(a)	(a)	(a)	.93-1.30- —
1882 Ohio	364	15	(a)	57-72-58	2.33-6.00-3.98	1892 Ind	227	21	M.	48-60-56	2.50-5.00-4.16
1882 France	502	(a)	M.	(a)	.90-1.30- —	1892 Ohio	373	5	M.	h55-72-61	1.50-6.00-3.13
1883 France	503	(a)	M.	(a)	.92-1.30- —	1892 Australia	424	(a)	M.	(a)	4.06-4.06-4.06
1884 Ohio	366	36	M.	(a)	2.67-10.00-4.19	1892 France	505	(a)	M.	45-84 —	.39-4.73- —
1884 W. Va	7	1	M.	60-60-60	2.50-2.50-2.50	1892 France	505	(a)	M.	60-66 —	c.58-1.41- —
1884 Belgium	178	(a)	M.	60-60-60	.74- .92- —	1892 France	505	(a)	M.	45-70 —	d.63-2.51- —
1884 England	178	(a)	M.	(a)	1.38-1.38-1.38	1892 France	505	(a)	M.	66-66-66	e1.61-1.61-1.61
1884 France	504	(a)	M.	(a)	.35-1.36- —	1892 France	505	(a)	M.	70-70-70	j.85- .85- .85
1884 Germany	178	(a)	M.	60-60-60	1.19-1.19-1.19	1892 France	505	(a)	M.	70-72 —	f.87-1.54- —
1884 Italy	178	(a)	M.	(a)	.77- .77- .77	1893 Italy	639	(a)	M.	k60-60-60	.97-1.55- —
1884 Spain	178	(a)	M.	60-60-60	2.08-2.92- —	1894 Australia	425	(a)	(a)	(a)	2.43-3.24- —
1885 Ky	1	1	M.	60-60-60	3.00-3.00-3.00	1894 France	129	(a)	M.	60-60-60	.77-3.86- —
1885 N. J	1	1	M.	54-54-54	4.87-4.87-4.87	1894 France	508	(a)	M.	48-48-48	1.19-1.19-1.19
1885 Pa	1	11	M.	60-60-60	2.00-5.00-3.64	1895 W. Va	7	3	M.	60-60-60	2.50-3.67-2.89
1885 W. Va	1	1	M.	60-60-60	4.00-4.00-4.00	1895 Australia	426	(a)	(a)	(a)	2.43-3.24- —
1887 Ohio	369	7	M.	60-60-60	3.00-5.00-4.71	1895 Aust-Hun	435	(a)	(a)	54-54-54	.68- .68- .68
1887 Germany	557	(a)	(a)	60-60-60	1.19-1.79- —	1895 Aust-Hun	435	(a)	(a)	60-60-60	c.61- .81- —
1888 N. Y	331	4	M.	59-72-62	2.88-6.15-5.95	1895 France	509	(a)	(a)	60-60-60	.87-1.63- —
1889 Ind	6	2	M.	40-40-40	4.92-4.92-4.92	1896 Pa	394	1	M.	60-60-60	2.00-2.00-2.00
1889 Germany	550	(a)	M.	(a)	.95-1.19- —	1896 Australia	427	(a)	(a)	(a)	2.43-3.24- —
1889 Italy	95	(a)	M.	(a)	3.07-4.41- —	1897 Ohio	377	1	M.	60-60-60	3.50-3.50-3.50
1890 Ill	6	1	M.	(a)	1.84-1.84-1.84	1897 Australia	428	(a)	(a)	(a)	2.43-3.24- —
1890 Ind	6	6	M.	h60-60-60	3.67-10.59-4.91	1897 France	511	(a)	M.	60-60-60	1.28-1.35- —
1890 Mo	6	1	M.	(a)	6.58-6.58-6.58	1898 Australia	429	(a)	(a)	(a)	2.43-3.24- —
1890 N. J	6	6	M.	i60-60-60	2.30-3.47-3.08	1898 Denmark	493	(a)	M.	(a)	1.77-1.77-1.77
1890 N. Y	6	3	M.	(a)	2.30-3.83-2.81	1898 France	512	(a)	M.	57-57-57	1.33-1.49- —
1890 N. Y	333	1	M.	(a)	5.00-5.00-5.00						

FOREMEN (NOT SPECIFIED), GLOVES AND MITTENS.

1886 Mich	7	1	M.	(a)	3.13-3.13-3.13	1894 N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1888 Germany	558	(a)	(a)	57-57-57	.71- .95- —	1895 Mass	8	2	M.	60-60-60	3.00-3.00-3.00
1890 N. Y	333	10	M.	(a)	1.75-2.83-2.56	1895 N. Y	8	6	M.	60-60-60	2.50-4.79-2.73
1891 N. Y	333	12	M.	(a)	1.64-3.17-2.48	1896 Ill	7	1	M.	54-54-54	2.50-2.50-2.50
1891 France	505	(a)	M.	54-60 —	1.35-2.03- —	1896 Mich	7	1	M.	60-60-60	3.04-3.04-3.04
1892 France	505	(a)	M.	57-60 —	.53-3.14- —	1898 Denmark	493	(a)	M.	(a)	1.07-1.61- —
1892 France	505	(a)	M.	66-66-66	l1.01-1.25- —						

a Not reported.
b And board, lodging, and fuel.
c And lodging.
d And lodging and fuel.
e And lodging, fuel, and light.
f And fuel.
g And fuel and premiums.
h Not including hours of 1 person not reported.
i Not including hours of 5 persons not reported.
j And lodging, fuel, and garden.
k Applies to but 1 of the 2 wage quotations.
l And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, GLUE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Russia	178	(a)	M.	60-72 —	b0.46-0.92- —
1888	N. Y.	331	2	M.	59-59-59	2.00-2.00-2.00
1890	N. Y.	333	2	M.	(a)	2.75-2.75-2.75
1891	N. Y.	333	3	M.	(a)	1.75-2.75-2.42
1891	France	505	(a)	M.	77-77-77	1.16-1.16-1.16

FOREMEN, GOLD AND SILVER SMITHS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1886	Germany	548	(a)	(a)	(a)	1.19-2.38- —
1887	Germany	557	(a)	(a)	51-63 —	1.19-2.38- —
1889	Germany	550	(a)	(a)	(a)	.91-1.82- —
1891	France	505	(a)	M.	60-63 —	.68-1.93- —
1891	France	505	(a)	M.	63-63-63	b1.45-2.32- —
1891	France	505	(a)	M.	60-60-60	c .87-3.86- —
1894	France	129	(a)	M.	60-60-60	1.45-3.86- —

FOREMEN (NOT SPECIFIED), GOLD MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Canada	178	(a)	(a)	(a)	1.50-2.25- —
1884	Colombia	178	(a)	(a)	60-60-60	5.04-5.04-5.04
1891	Br. India	620	(a)	M.	48-48-48	.26- .88- —
1893	Italy	639	(a)	M.	(a)	.29- .58- —
1896	Br. Guiana	184	(a)	M.	(a)	.96-5.75- —

FOREMEN (NOT SPECIFIED), GRAIN ELEVATOR.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1853	N. Y.	8	2	M.	60-60-60	3.00-3.00-3.00
1884	Mich.	278	1	M.	(a)	2.75-2.75-2.75
1888	N. Y.	331	4	M.	(a)	3.07-3.18-3.10
1890	Netherl'ds	666	(a)	M.	(a)	d.60- .94- —
1894	Iowa	236	1	M.	60-60-60	2.25-2.25-2.25
1896	N. Y.	8	2	M.	60-60-60	3.00-3.50-3.25
1897	Kans.	251	1	M.	70-70-70	1.97-1.97-1.97

FOREMEN, GRANITE CUTTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1885	Me.	1	4	M.	60-60-60	3.00-3.50-3.13
1891	Ohio	372	1	M.	60-60-60	2.50-2.50-2.50
1892	N. Y.	20	1	M.	(a)	4.50-4.50-4.50
1893	N. Y.	20	1	M.	(a)	4.50-4.50-4.50
1894	N. Y.	20	1	M.	(a)	4.50-4.50-4.50
1895	N. Y.	20	1	M.	(a)	4.50-4.50-4.50
1898	Denmark	493	(a)	M.	(a)	1.34-1.34-1.34

FOREMEN, GRINDERS, TOOLS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1890	Mich.	282	1	M.	60-60-60	2.50-2.50-2.50
1890	N. Y.	333	2	M.	(a)	4.00-4.00-4.00
1891	N. Y.	333	2	M.	(a)	4.00-4.00-4.00
1892	France	505	(a)	M.	69-69-69	1.01-1.06- —
1894	N. Y.	8	1	M.	60-60-60	2.50-2.50-2.50
1895	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00

FOREMEN (NOT SPECIFIED), GUNPOWDER AND EXPLOSIVES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1876	Pa.	381	1	M.	(a)	2.50-2.50-2.50
1877	Pa.	382	2	M.	e60-60-60	2.68-2.88-2.78
1884	Ohio	366	6	M.	(a)	3.21-3.35-3.30
1888	N. Y.	331	5	M.	60-60-60	1.00-6.39-2.75
1890	N. Y.	333	5	M.	(a)	2.88-6.39-3.80
1890	Ohio	371	1	(a)	54-54-54	4.00-4.00-4.00
1891	N. Y.	333	5	M.	(a)	2.88-6.39-3.80
1892	Australia	424	(a)	M.	(a)	2.43-2.43-2.43
1892	France	505	(a)	M.	54-75 —	1.13-2.03- —
1892	France	505	(a)	M.	72-72-72	d1.56-1.56-1.56
1892	France	505	(a)	M.	77-77-77	b1.16-1.35- —
1894	Australia	425	(a)	(a)	(a)	2.03-2.43- —
1895	Australia	426	(a)	(a)	(a)	2.03-2.43- —
1896	Australia	427	(a)	(a)	(a)	2.03-2.43- —

a Not reported.
b And lodging and fuel.
c And *gratifications*.
d And lodging.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), GYPSUM MINING.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Mich.	280	7 M.	60-66-62	1.66-3.00-2.05
1889 Colo	189	3 M.	(a)	3.00-3.00-3.00
1889 Iowa	189	3 M.	(a)	2.83-2.83-2.83
1889 Kans.	189	5 M.	(a)	2.95-2.95-2.95
1889 Mich.	189	10 M.	(a)	2.65-2.65-2.65
1889 N. Y.	189	6 M.	(a)	1.83-1.83-1.83
1889 S. Dak.	189	2 M.	(a)	2.25-2.25-2.25
1889 Utah	189	2 M.	(a)	3.50-3.50-3.50
1889 Va	189	2 (a)	(a)	1.25-1.25-1.25
1891 Ohio	372	2 M.	60-60-60	2.50-2.50-2.50
1892 France	505	(a) M.	60-70 —	.58-1.27- —

FOREMEN, HARNESS AND SADDLE MAKERS.

1860	Conn.	8	7	M.	60-60-60	2.50-2.50-2.50	1890	C. of G'd H.	484	(a)	M.	(a)	2.99-2.99-2.99
1873	Pa	379	1	M.	(a)	3.50-3.50-3.50	1891	N. Y.	333	3	M.	(a)	2.00-3.00-2.67
1875	Ohio	8	1	M.	60-60-60	3.50-3.50-3.50	1891	Ohio	372	3	M.	60-60-60	2.00-3.45-2.97
1879	Br. India..	459	(a)	(a)	(a)	.17- .20- —	1891	Br. India..	459	(a)	(a)	(a)	.13- .16- —
1880	Br. India..	459	(a)	(a)	(a)	.15- .18- —	1891	rance	505	(a)	M.	77-77-77	1.54-1.93- —
1881	Br. India..	459	(a)	(a)	(a)	.15- .18- —	1892	Cal.	196	3	M.	60-60-60	4.00-4.50-4.17
1882	Ohio	364	11	(a)	60-60-60	1.50-3.00-2.42	1892	Australia .	424	(a)	M.	(a)	1.62-4.87- —
1882	Br. India..	459	(a)	(a)	(a)	.15- .18- —	1892	Br. India..	459	(a)	M.	(a)	.12- .14- —
1883	Br. India..	459	(a)	(a)	(a)	.15- .18- —	1892	C. of G'd H.	486	(a)	M.	(a)	2.03-2.92- —
1884	Mich.	278	1	M.	(a)	2.00-2.00-2.00	1893	Br. India..	459	(a)	(a)	(a)	.11- .13- —
1884	Ohio	366	10	M.	(a)	2.50-4.58-3.59	1894	N. Y.	8	1	M.	60-60-60	4.00-4.00-4.00
1884	Br. India..	459	(a)	(a)	(a)	.15- .18- —	1894	Australia .	425	(a)	(a)	(a)	2.43-3.24- —
1885	Conn.	7	2	M.	60-60-60	2.83-4.17-3.50	1894	Br. India..	459	(a)	(a)	(a)	.08½-.10- —
1885	Br. India..	459	(a)	(a)	(a)	.14- .17- —	1895	Conn.	7	5	M.	60-60-60	2.67-4.17-3.53
1885	Germany..	547	(a)	(a)	(a)	.83-1.11- —	1895	Conn.	8	1	M.	60-60-60	4.00-4.00-4.00
1886	Br. India..	459	(a)	(a)	(a)	.14- .16- —	1895	Mass.	8	1	M.	60-60-60	4.00-4.00-4.00
1886	C. of G'd H.	486	(a)	(a)	(a)	2.03-3.24- —	1895	Mo.	304	6	M.	(a)	2.67-4.67-3.87
1886	Germany..	548	(a)	(a)	(a)	.95-1.19- —	1895	N. J.	8	9	M.	60-60-60	3.00-6.00-3.44
1887	Wis	409	2	M.	(a)	2.38-2.38-2.38	1895	N. Y.	8	3	M.	60-60-60	2.00-4.00-2.67
1887	Br. India..	459	(a)	(a)	(a)	.13- .16- —	1895	Ohio	8	15	M.	60-60-60	2.50-6.00-4.70
1888	Br. India..	459	(a)	(a)	(a)	.13- .15- —	1895	Pa	8	2	M.	60-60-60	4.00-4.00-4.00
1888	C. of G'd H.	483	(a)	(a)	(a)	2.03-3.24- —	1895	Australia .	426	(a)	(a)	(a)	2.43-3.24- —
1888	Germany..	558	(a)	(a)	57-66 —	.71-1.19- —	1895	Br. India..	459	(a)	(a)	(a)	.08½-.10- —
1889	Br. India..	459	(a)	(a)	(a)	.12- .15- —	1895	France.	513	(a)	M.	60-60-60	.97- .97- .97
1889	Canada	471	(a)	M.	59-60 —	2.13-2.25- —	1896	Australia .	427	(a)	(a)	(a)	2.43-3.24- —
1890	Minn.	292	2	M.	(a)	3.00-3.00-3.00	1897	Australia .	428	(a)	(a)	(a)	2.03-2.64- —
1890	N. Y.	333	2	M.	(a)	3.00-3.00-3.00	1898	Australia .	429	(a)	(a)	(a)	2.03-3.24- —
1890	Br. India..	459	(a)	(a)	(a)	.15- .19- —	1898	Denmark..	493	(a)	M.	(a)	1.07-1.61- —

FOREMEN, HARNESS HANDS, TEXTILES.

1881	N. H	7	2	M.	65-65-65	2.25-3.50-2.88	1895	N. H	7	3	M.	60-60-60	2.00-4.00-2.92
1882	N. H	7	1	M.	66-66-66	1.60-1.60-1.60	1896	N. H	7	1	M.	60-60-60	2.00-2.00-2.00
1886	N. H	7	1	M.	60-60-60	2.00-2.00-2.00							

FOREMEN (NOT SPECIFIED), HATS AND CAPS.

1866	N. J	7	2	M.	(a)	2.17-2.17-2.17	1885	N. J	1	4	M.	60-60-60	2.00-3.75-3.21
1870	Norway	610	(a)	M.	(a)	1.08-1.26- —	1885	N. J	7	4	M.	b48-48-48	2.50-3.33-2.92
1871	Norway	185	(a)	M.	(a)	1.08-1.25- —	1885	N. J	324	2	M.	(a)	3.33-3.33-3.33
1873	Sweden	167	(a)	M.	66-66-66	1.34-1.34-1.34	1885	N. Y.	7	5	M.	60-60-60	1.75-2.75-2.35
1880	Mass	8	1	M.	60-60-60	3.83-3.83-3.83	1885	Germany .	547	(a)	M.	(a)	1.19-1.79- —
1880	N. Y.	7	1	M.	(a)	4.17-4.17-4.17	1886	Ill.	7	1	M.	57-57-57	4.17-4.17-4.17
1881	N. J	320	1	M.	60-60-60	3.33-3.33-3.33	1886	Md.	7	1	M.	60-60-60	2.00-2.00-2.00
1881	France	501	(a)	M.	(a)	.83-1.48- —	1886	N. J	325	44	M.	(a)	2.92-2.92-2.92
1882	France	502	(a)	M.	(a)	.85-1.54- —	1886	Germany .	548	(a)	(a)	(a)	1.19-1.79- —
1883	Mass	273	3	M.	(a)	4.17-4.17-4.17	1887	Conn.	202	12	M.	(a)	2.74-2.74-2.74
1883	France	503	(a)	M.	(a)	.86-1.93- —	1887	Germany .	557	(a)	(a)	60-66 —	.60-1.43- —
1884	N. J	323	1	M.	60-60-60	5.00-5.00-5.00	1888	N. J	326	30	M.	(a)	2.17-4.17-3.05
1884	England	178	(a)	M.	(a)	1.22-1.62- —	1888	Germany .	558	(a)	(a)	57-66 —	.40-1.98- —
1884	France	504	(a)	M.	(a)	.86-1.85- —	1890	N. Y.	333	22	M.	(a)	2.00-5.00-3.10

a Not reported.

b Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), HATS AND CAPS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1891 N. Y.	333	26 M.	(a)	2.00-5.00-3.17
1891 Ohio	372	2 M.	60-60-60	3.00-3.00-3.00
1891 France	505	(a) M.	57-77 —	1.35-2.41- —
1891 France	522	(a) (a)	(a)	.86-1.75- —
1891 Germany	551	(a) (a)	(a)	.83-2.58- —
1892 France	505	(a) M.	54-72 —	.63-1.93- —
1892 France	505	(a) M.	62-62-62	b .97-1.64- —
1892 Germany	184	(a) M.	(a)	1.43-1.43-1.43
1894 France	129	(a) M.	60-60-60	1.35-2.32- —
1895 Mass	8	1 M.	60-60-60	3.83-3.83-3.83
1895 N. J	7	11 M.	48-60-51	3.00-3.83-3.35
1895 N. Y.	7	7 M.	57-60-60	1.75-4.17-2.94
1896 Conn.	8	9 M.	60-60-60	3.00-8.33-4.52
1896 Ill	7	1 M.	57-57-57	4.17-4.17-4.17
1896 Ill	12	1 M.	60-60-60	3.33-3.33-3.33
1896 Md.	7	1 M.	60-60-60	2.50-2.50-2.50
1897 Australia	428	(a) (a)	(a)	2.23-3.04- —
1898 N. J	329	28 M.	54-60-60	3.00-4.00-3.13
1898 Australia	429	(a) (a)	(a)	2.23-3.04- —
1898 Denmark	493	(a) M.	(a)	1.07-1.61- —

FOREMEN, HORSESHOERS.

1890	Minn	292	11	M.	(a)	3.00-3.00-3.00	1894	Scotland	590	(a)	(a)	(a)	1.42-1.46- —

FOREMEN (NOT SPECIFIED), HOSIERY AND KNIT GOODS.

1861	England	564	(a)	M.	56-60 —	.81-1.62- —	1890	N. Y.	333	81	M.	(a)	1.25-5.00-3.04
1866	England	566	(a)	M.	60-60-60	.89-2.03- —	1891	N. Y.	333	80	M.	(a)	1.25-5.00-3.00
1883	Mass	273	2	M.	(a)	3.00-4.00-3.50	1891	Ohio	372	3	M.	60-60-60	2.50-4.00-3.00
1883	N. J	322	1	(a)	(a)	2.00-2.00-2.00	1891	France	505	(a)	M.	48-66 —	1.50-2.58- —
1884	Ga	7	1	M.	(a)	3.33-3.33-3.33	1892	France	505	(a)	M.	54-72 —	.33-1.93- —
1884	Canada	178	(a)	M.	60-60-60	2.50-2.50-2.50	1892	France	505	(a)	M.	63-63-63	b .53- .53- .53
1885	Mass	7	1	M.	60-60-60	3.00-3.00-3.00	1894	Ind	228	2	M.	60-60-60	1.62-1.62-1.62
1885	N. Y.	1	45	M.	66-66-66	1.50-3.85-2.40	1895	Conn.	7	2	M.	60-60-60	1.75-2.25-2.00
1885	Canada	467	(a)	M.	63-63-63	2.46-2.46-2.46	1895	Mass	7	2	M.	58-58-58	2.13-4.25-3.19
1886	N. Y.	7	1	M.	58-58-58	3.00-3.00-3.00	1895	Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1886	Pa	7	2	M.	c 60-60-60	2.00-2.83-2.42	1895	N. H	8	1	M.	60-60-60	1.75-1.75-1.75
1886	Germany	548	(a)	(a)	(a)	.79-1.98- —	1895	N. Y.	8	3	M.	60-60-60	2.00-4.50-3.17
1887	Conn.	202	3	M.	(a)	2.00-3.04-2.35	1895	N. C.	8	2	M.	66-66-66	2.00-2.00-2.00
1887	Wis	409	25	M.	(a)	2.28-2.28-2.28	1895	Pa	8	8	M.	60-60-60	2.08-4.17-3.03
1887	Canada	469	(a)	M.	60-60-60	3.06-3.09- —	1896	Ga	7	1	M.	63-63-63	4.00-4.00-4.00
1887	Germany	557	(a)	(a)	60-63 —	.95-1.67- —	1896	Pa	7	3	M.	60-60-60	2.00-2.50-2.17
1888	N. Y.	331	8	M.	d 59-60-60	2.00-2.50-2.15	1896	Vt	7	1	M.	66-66-66	3.00-3.00-3.00
1888	Canada	470	(a)	M.	59-59-59	2.32-2.32-2.32	1897	Mass	8	1	M.	63-63-63	3.00-3.00-3.00
1888	Germany	558	(a)	(a)	66-66-66	.95-1.19- —	1897	N. C.	8	1	M.	75-75-75	1.50-1.50-1.50
1889	Germany	550	(a)	M.	78-78-78	1.07-1.19- —	1897	Pa	395	2	M.	(a)	3.25-3.25-3.25

FOREMEN, ICE HOUSE.

1884	Mich	278	1	M.	(a)	2.50-2.50-2.50	1893	Md.	10	2	M.	60-66-63	2.00-2.50-2.25
1891	Me	257	2	M.	60-60-60	2.25-2.50-2.38							

FOREMEN (NOT SPECIFIED), IRON AND STEEL.

1872	Germany	185	(a)	M.	72-72-72	.90- .90- .90	1883	N. Y.	190	1	M.	60-60-60	2.49-2.49-2.49
1873	Pa	379	4	M.	(a)	3.50-4.00-3.63	1883	Ohio	365	4	M.	h 72-72-72	3.33-7.50-4.64
1873	Sweden	167	(a)	M.	72-84 —	e .87-1.77- —	1884	N. J	323	16	M.	70-70-70	1.64-3.95-2.24
1874	Pa	380	50	M.	(a)	1.75-6.00-3.10	1884	Ohio	366	66	M.	(a)	3.33-9.17-4.58
1876	Pa	381	84	M.	(a)	1.55-8.08-3.56	1884	Colombia	178	(a)	(a)	84-84-84	2.00-2.00-2.00
1876	Pa	382	8	M.	(a)	3.25-4.00-3.69	1884	England	178	(a)	M.	45-48 —	1.22-1.82- —
1877	Ohio	359	25	M.	f 72-105-85	1.14-4.17-2.37	1885	Ala	1	8	M.	72-72-72	1.50-3.00-2.25
1878	Pa	383	48	M.	f 60-84-65	1.20-5.00-3.06	1885	Del.	1	1	M.	60-60-60	4.00-4.00-4.00
1879	Pa	384	74	M.	g 60-60-60	1.72-7.00-4.12	1885	Ill	1	3	M.	60-60-60	3.00-4.33-3.44
1880	N. Y.	190	1	M.	60-60-60	2.30-2.30-2.30	1885	Mass	7	1	M.	(a)	3.25-3.25-3.25
1880	Ohio	362	60	M.	(a)	1.50-5.83-3.90	1885	N. Y.	1	32	M.	72-72-72	2.31-2.70-2.68
1881	Ohio	363	40	M.	c 40-60-58	2.75-6.25-4.11	1885	Ohio	1	43	M.	60-72-66	1.75-9.00-3.13
1882	N. Y.	190	1	M.	60-60-60	2.30-2.30-2.30	1885	Pa	1	29	M.	48-60-54	1.50-5.75-3.09
1882	Ohio	364	2	(a)	70-72-71	5.00-5.83-5.42	1885	Va	1	8	M.	48-72-66	1.40-2.35-2.00

a Not reported.
b And lodging.
c Not including hours of 1 person not reported.
d Not including hours of 6 persons not reported.
e And lodging and fuel.
f Not including hours of 15 persons not reported.
g Not including hours of 47 persons not reported
h Not including hours of 2 persons not reported

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), IRON AND STEEL—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Belgium ..	1	(a) M.	63-63-63	1.00-1.30- —
1885 Gr't Brit ..	1	(a) M.	72-72-72	1.92-3.20- —
1886 N. Y.....	190	1 M.	60-60-60	2.30-2.30-2.30
1886 England ..	604	(a) M.	(a)	1.16-2.43- —
1886 Italy	633	(a) M.	66-84 —	.97-1.54- —
1886 Scotland ..	604	(a) M.	(a)	1.25-1.34- —
1887 Conn.....	202	3 M.	(a)	2.45-4.34-3.71
1887 Pa	390	4 M.	(a)	4.38-4.47-4.43
1887 Wis	409	18 M.	(a)	4.25-4.25-4.25
1887 Germany .	557	(a) (a)	57-57-57	1.64-2.28- —
1888 Ill.....	5	2 M.	b84-84-84	2.75-3.83-3.29
1888 N. Y.....	190	1 M.	60-60-60	2.49-2.49-2.49
1888 N. Y.....	331	23 M.	c51-72-61	2.00-6.00-3.73
1888 Ohio	5	1 M.	84-84-84	2.50-2.50-2.50
1888 Pa	5	5 M.	84-84-84	1.80-3.00-2.31
1888 Tenn.....	5	3 M.	(a)	1.50-6.39-3.40
1888 Va	5	9 M.	d60-84-65	1.53-3.83-2.66
1888 W. Va	5	8 M.	60-66-65	1.95-4.47-3.38
1888 Belgium ..	5	(a) M.	84-84-84	1.27-1.27-1.27
1888 England ..	5	(a) M.	e84-84-84	.81-3.24- —
1888 Germany..	5	(a) M.	84-84-84	1.33-1.33-1.33
1888 Germany..	558	(a) (a)	60-60-60	2.01-2.01-2.01
1889 Ala	5	29 M.	60-84-75	1.70-4.79-2.79
1889 Del.....	5	2 M.	60-60-60	2.50-2.50-2.50
1889 Ga	5	2 M.	84-84-84	2.47-4.93-3.70
1889 Ill	5	25 M.	f60-72-67	1.50-4.09-2.62
1889 Md.....	5	1 M.	60-60-60	1.60-1.60-1.60
1889 Mich.....	5	2 M.	(a)	5.75-9.58-7.67
1889 Mo.....	5	1 M.	(a)	2.25-2.25-2.25
1889 N. Y.....	5	34 M.	g60-84-71	1.50-5.52-3.12
1889 N. Y.....	190	1 M.	60-60-60	2.49-2.49-2.49
1889 Ohio	5	45 M.	d60-84-74	1.50-4.00-2.49
1889 Pa	5	68 M.	(h)	1.50-5.48-2.61
1889 Tenn.....	5	10 M.	c72-84-81	2.00-6.00-3.60
1889 Va	5	7 M.	d60-84-68	1.75-4.93-2.71
1889 W. Va.....	5	20 M.	g60-84-66	1.55-5.33-3.20
1889 Belgium ..	5	(a) M.	i60-72 —	0.51-1.79- —
1889 England ..	5	(a) M.	j54-84 —	.87-2.84- —
1889 France	5	(a) M.	k60-84 —	.45-2.68- —
1889 Germany..	5	(a) M.	l 72-84 —	.47-2.40- —
1889 Italy	5	(a) M.	(a)	.61-3.23- —
1889 Scotland ..	5	(a) M.	60-66 —	1.05-3.65- —
1890 Ala	5	9 M.	60-84-81	3.00-3.00-3.00
1890 N. Y.....	333	1 M.	(a)	2.50-2.50-2.50
1890 Ohio	5	3 M.	70-72-71	2.00-2.25-2.17
1890 Pa	5	1 M.	(a)	3.33-3.33-3.33
1890 Wis	5	3 M.	60-72-68	2.50-3.00-2.83
1890 Spain	632	(a) (a)	(a)	.58-1.21- —
1891 N. Y.....	333	16 M.	(a)	1.60-3.67-1.89
1891 Ohio	372	17 M.	60-84-65	1.60-5.00-3.59
1891 France....	505	(a) M.	66-77 —	1.69-3.86- —
1891 Italy	632	(a) M.	(a)	.68- .68- .68
1892 Ind	227	25 M.	60-60-60	2.00-3.32-2.87
1892 France....	505	(a) M.	54-84 —	.58-3.28- —
1892 France....	505	(a) M.	70-77 —	m.51-1.45- —
1892 France....	505	(a) M.	60-60-60	n.58-1.35- —
1892 France....	505	(a) M.	84-84-84	o .97-1.93- —
1892 France....	505	(a) M.	72-72-72	p1.25-1.45- —
1893 Italy	639	(a) M.	72-72-72	.97- .97- .97
1893 Lux'burg .	128	(a) M.	(a)	.75-2.68- —
1894 France....	129	(a) M.	60-60-60	1.45-2.90- —
1895 Mass	7	1 M.	58-58-58	2.70-2.70-2.70
1895 Ohio	376	12 M.	70-84-81	2.00-2.75-2.26
1896 Pa	14	3 M.	54-54-54	2.99-2.99-2.99
1896 Pa	394	1 M.	60-60-60	1.78-1.78-1.78
1896 Canada ...	482	(a) (a)	(a)	4.17-4.17-4.17
1897 Ohio	377	3 (a)	77-77-77	2.25-2.25-2.25
1898 Ohio	18	4 M.	(a)	2.15-5.50-3.04
1898 Pa	18	21 M.	(a)	1.25-6.50-3.10
1899 Ohio	18	6 M.	(a)	2.50-8.00-4.23
1899 Pa	18	25 M.	(a)	1.40-6.50-3.19

FOREMEN (NOT SPECIFIED), IRON MINING.

1874	Pa	380	2	M.	(a)	2.00-2.00-2.00	1889	N. Y.....	5	6	M.	(a)	2.13-2.30-2.15
1876	Pa	381	3	M.	(a)	1.17-2.31-1.60	1889	N. Y.....	189	121	(a)	(a)	2.15-2.44-2.27
1878	Pa	383	5	M.	c66-66-66	1.17-1.50-1.37	1889	Ohio	189	45	(a)	(a)	1.93-1.95-1.93
1879	Mo.....	293	8	M.	(a)	1.50-1.54-1.52	1889	Pa	189	151	(a)	(a)	1.67-1.69-1.68
1879	Pa	384	2	M.	(a)	1.35-1.35-1.35	1889	Tenn.....	189	37	(a)	(a)	2.15-3.04-2.27
1884	N. J	323	1	M.	72-72-72	3.35-3.35-3.35	1889	Tex	189	2	(a)	(a)	2.29-2.29-2.29
1884	Cuba.....	178	(a)	(a)	(a)	1.07-1.07-1.07	1889	Wis	5	1	M.	(a)	2.00-2.00-2.00
1884	Spain	178	(a)	M.	65-65-65	.60- .67- —	1889	Wis	189	80	(a)	(a)	2.69-2.77-2.71
1885	Va	1	1	M.	60-60-60	3.00-3.00-3.00	1889	Germany .	5	(a)	M.	(a)	.91- .91- .91
1888	Pa	5	3	M.	(a)	1.50-1.50-1.50	1889	Portugal ..	691	(a)	M.	66-66-66	.43- .65- —
1888	Va	5	1	M.	(a)	1.25-1.25-1.25	1889	Spain	5	(a)	M.	72-78 —	.90-1.00- —
1888	Germany .	5	(a)	M.	72-72-72	.84- .84- .84	1890	Pa	5	3	M.	(a)	1.40-1.50-1.43
1888	Spain	5	(a)	M.	78-78-78	.90- .90- .90	1891	Aust-Hun .	632	(a)	M.	(a)	.39- .55- —
1889	Ala	189	62	(a)	(a)	2.36-2.95-2.44	1891	Italy	638	(a)	M.	60-60-60	.31- .46- —
1889	Colo	189	25	(a)	(a)	3.99-4.88-4.49	1892	Algeria ...	505	(a)	M.	60-60-60	1.16-1.74- —
1889	Ky	189	5	(a)	(a)	1.25-1.25-1.25	1892	France....	505	(a)	M.	48-66 —	.58-1.93- —
1889	Mich.....	189	451	(a)	(a)	2.69-2.98-2.78	1892	Italy	639	(a)	M.	q 60-60-60	.28-1.16- —
1889	Minn	189	58	(a)	(a)	3.00-3.27-3.10	1894	Algeria ...	124	(a)	M.	(a)	1.11-1.85- —
1889	Mo.....	5	13	M.	(a)	1.73-1.92-1.87	1895	Aust-Hun .	440	(a)	M.	(a)	.85- .85- .85
1889	Mo.....	189	28	(a)	(a)	2.10-2.16-2.14	1895	Aust-Hun .	440	(a)	M.	(a)	m.59- .59- .59
1889	Mo.....	299	11	(a)	(a)	1.64-2.75-1.86	1896	Aust-Hun .	441	(a)	M.	(a)	.57- .78- —
1889	N. J	189	92	(a)	(a)	1.90-2.61-2.09							

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 4 persons not reported.
e Applies to but 4 of the 17 wage quotations.
f Not including hours of 6 persons not reported.
g Not including hours of 7 persons not reported.
h 54-112-68 hours; not including hours of 14 persons not reported.
i Applies to but 21 of the 48 wage quotations.
j Applies to but 5 of the 23 wage quotations.
k Applies to but 9 of the 15 wage quotations.
l Applies to but 4 of the 19 wage quotations.
m And lodging.
n And lodging and fuel.
o And fuel.
p And *gratifications*.
q Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), JEWELRY.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1855	Germany	8	(a) M.	60-60-60	4.00-4.00-4.00
1856	N. J	8	1 M.	60-60-60	4.00-4.00-4.00
1856	N. Y	8	1 M.	72-72-72	2.50-2.50-2.50
1865	N. J	8	3 M.	60-60-60	4.00-4.00-4.00
1866	N. J	8	1 M.	60-60-60	6.00-6.00-6.00
1871	N. J	8	1 M.	60-60-60	5.75-5.75-5.75
1872	N. J	8	1 M.	60-60-60	5.00-5.00-5.00
1876	N. J	8	1 M.	60-60-60	4.00-4.00-4.00
1884	Aust-Hun.	178	(a) M.	60-60-60	.93-1.33- —
1885	Mass	7	3 M.	58-59-58	3.21-4.17-3.74
1885	N. Y	7	5 M.	b 59-60-60	2.67-5.00-3.47
1886	N. Y	7	1 M.	60-60-60	2.00-2.00-2.00
1888	N. J	326	17 M.	(a)	3.33-6.67-4.05
1888	N. Y	331	2 M.	59-59-59	4.17-5.00-4.59
1890	N. Y	333	15 M.	(a)	2.00-9.58-4.10
1891	N. Y	333	23 M.	(a)	2.25-9.58-4.36
1891	France	505	(a) M.	54-60 —	1.54-3.86- —
1892	Australia	424	(a) M.	(a)	2.43-4.87- —
1892	France	505	(a) M.	60-72 —	1.16-1.70- —
1894	Australia	425	(a) (a)	(a)	1.42-5.68- —
1895	Mass	7	3 M.	58-59-58	3.47-3.85-3.62
1895	N. Y	7	2 M.	59-59-59	3.67-6.67-5.17
1895	Ohio	376	1 M.	54-54-54	4.17-4.17-4.17
1895	Australia	426	(a) (a)	(a)	1.42-5.68- —
1896	N. J	8	5 M.	60-60-60	4.00-8.00-5.80
1896	N. Y	7	4 M.	60-60-60	2.00-3.33-2.83
1896	N. Y	8	6 M.	60-60-60	3.33-8.33-4.89
1896	R. I	8	3 M.	60-60-60	4.00-5.00-4.33
1896	Australia	427	(a) (a)	(a)	1.22-4.06- —

FOREMEN, KILNMEN, CLAY AND POTTERY PRODUCTS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1882	N. J	321	1 M.	(a)	2.25-2.25-2.25
1884	N. J	323	27 M.	(a)	2.25-2.25-2.25
1884	Ohio	7	1 M.	54-54-54	2.25-2.25-2.25
1885	Germany	547	(a) (a)	(a)	1.19-1.19-1.19
1886	N. J	325	31 M.	(a)	2.25-2.58-2.29
1886	N. Y	7	1 M.	53-53-53	3.00-3.00-3.00
1888	N. J	326	1 M.	(a)	2.00-2.00-2.00
1890	Netherl'ds	666	(a) M.	(a)	.67- .74- —
1890	Netherl'ds	666	(a) M.	(a)	c.80- .80- .80
1892	Ohio	373	2 M.	59-59-59	2.75-2.75-2.75
1896	Ohio	7	4 M.	54-54-54	1.75-2.25-2.13

FOREMEN, KNITTERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1880	Conn	271	2 (a)	60-66-63	2.75-3.50-3.13
1880	N. Y	271	2 (a)	66-66-66	3.15-4.00-3.58
1882	Conn	7	1 M.	66-66-66	2.25-2.25-2.25
1885	Minn	7	1 M.	60-60-60	2.00-2.00-2.00
1885	N. H	7	2 M.	b 66-66-66	2.50-3.00-2.75
1885	N. Y	7	3 M.	b 60-65-63	3.13-4.50-3.63
1885	Vt	7	1 M.	64-64-64	2.50-2.50-2.50
1886	N. J	325	15 M.	60-60-60	3.33-3.33-3.33
1886	Pa	7	3 M.	(a)	2.33-2.50-2.44
1886	R. I	7	1 M.	60-60-60	2.50-2.50-2.50
1886	Vt	7	1 M.	66-66-66	4.50-4.50-4.50
1887	Conn	202	2 M.	(a)	4.48-4.48-4.48
1888	N. Y	331	15 M.	d 60-60-60	1.50-4.50-2.91
1890	N. Y	333	14 M.	(a)	2.25-4.50-2.92
1891	N. Y	333	14 M.	(a)	2.25-4.50-2.92
1891	N. C	8	1 M.	60-60-60	1.00-1.00-1.00
1894	R. I	401	2 (a)	(a)	3.33-4.00-3.67
1895	Conn	7	1 M.	60-60-60	2.50-2.50-2.50
1895	N. H	7	5 M.	60-60-60	2.00-3.00-2.25
1895	N. H	8	1 M.	60-60-60	4.00-4.00-4.00
1895	N. Y	7	3 M.	60-60-60	3.00-4.50-3.67
1895	N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1895	Pa	8	7 M.	60-60-60	2.83-3.33-3.12
1896	Ill	7	1 M.	57-57-57	2.50-2.50-2.50
1896	Minn	7	1 M.	54-54-54	3.20-3.20-3.20
1896	Pa	7	5 M.	60-60-60	2.33-3.00-2.60
1896	R. I	7	2 M.	60-60-60	2.50-3.00-2.75
1896	Vt	7	4 M.	64-66-65	2.17-4.00-3.13
1897	N. H	8	4 M.	60-60-60	2.00-4.00-3.00

FOREMEN, LABORERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1854	N. Y	190	1 M.	72-72-72	1.34-1.34-1.34
1855	N. Y	190	2 M.	60-72-66	1.15-1.34-1.25
1856	N. Y	190	2 M.	60-72-66	1.15-1.34-1.25
1856	England	562	(a) M.	(a)	1.03-1.03-1.03
1857	N. Y	190	2 M.	60-72-66	1.15-1.34-1.25
1857	England	562	(a) M.	(a)	1.03-1.03-1.03
1858	N. Y	190	1 M.	72-72-72	1.34-1.34-1.34
1858	England	562	(a) M.	(a)	1.03-1.03-1.03
1859	N. Y	190	1 M.	72-72-72	1.34-1.34-1.34
1860	N. Y	190	1 M.	72-72-72	1.34-1.34-1.34
1861	N. Y	190	1 M.	72-72-72	1.61-1.61-1.61
1861	Pa	190	2 M.	60-60-60	1.25-1.67-1.46
1862	N. Y	190	1 M.	72-72-72	1.61-1.61-1.61
1862	Pa	190	2 M.	60-60-60	1.25-1.67-1.46
1863	N. Y	190	2 M.	72-72-72	1.46-1.61-1.54
1863	Pa	190	2 M.	60-60-60	1.33-1.67-1.50
1864	N. Y	190	3 M.	72-72-72	1.61-1.92-1.73
1864	Pa	190	2 M.	60-60-60	1.33-1.67-1.50
1865	N. Y	190	4 M.	72-72-72	1.50-1.92-1.74
1865	Pa	190	3 M.	60-60-60	1.67-2.17-1.83
1866	N. Y	190	4 M.	72-72-72	1.50-1.92-1.76
1866	Pa	190	2 M.	60-60-60	2.00-2.50-2.25
1867	N. Y	190	4 M.	72-72-72	1.50-1.92-1.76
1868	Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1868	N. Y	190	5 M.	60-72-70	1.50-1.92-1.79
1869	Del	190	1 M.	60-60-60	2.00-2.00-2.00
1869	Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1869	N. Y	190	5 M.	72-72-72	1.54-2.30-1.94
1869	Pa	190	5 M.	60-60-60	1.83-2.17-1.97
1870	Del	190	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 1 person not reported.
c And lodging and fuel.
d Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1870 N. Y	190	5 M.	72-72-72	1.54-2.30-1.94
1870 Pa	190	5 M.	60-60-60	1.83-2.50-2.07
1871 Del	190	1 M.	60-60-60	3.00-3.00-3.00
1871 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1871 N. Y	190	5 M.	72-72-72	1.54-2.30-1.98
1871 Pa	190	4 M.	60-60-60	1.83-2.17-2.00
1871 Italy	610	(a) M.	60-60-60	.48- .58- —
1872 Del	190	1 M.	60-60-60	3.00-3.00-3.00
1872 Mass	190	1 M.	60-60-60	2.25-2.25-2.25
1872 N. Y	190	6 M.	60-72-68	1.50-2.30-1.81
1872 Pa	190	2 M.	60-60-60	2.17-2.50-2.34
1872 S. C	7	1 M.	72-72-72	2.50-2.50-2.50
1873 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1873 Mass	190	2 M.	60-60-60	2.11-2.25-2.18
1873 N. Y	190	6 M.	60-72-70	1.54-2.30-2.02
1873 Pa	190	2 M.	60-60-60	2.17-2.50-2.34
1873 Scotland	177	(a) M.	(a)	.88- .92- —
1874 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1874 Mass	190	2 M.	60-60-60	2.11-2.25-2.18
1874 N. Y	190	5 M.	60-72-70	1.54-3.20-2.10
1874 Pa	190	2 M.	60-60-60	2.17-2.50-2.34
1874 Br. India	459	(a) (a)	(a)	.14- .28- —
1875 Del	190	1 M.	60-60-60	2.83-2.83-2.83
1875 Mass	190	2 M.	60-60-60	2.11-2.25-2.18
1875 N. Y	190	5 M.	60-72-70	1.54-3.20-2.10
1875 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1875 Br. India	459	(a) (a)	(a)	.10- .25- —
1875 Japan	613	(a) M.	(a)	.11- .11- .11
1876 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1876 Mass	190	2 M.	60-60-60	2.11-2.17-2.14
1876 N. Y	190	4 M.	60-72-69	1.54-3.20-2.22
1876 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1876 Pa	381	10 M.	b69-69-69	2.26-3.07-2.34
1876 S. C	7	1 M.	66-66-66	2.67-2.67-2.67
1876 Australia	171	(a) M.	(a)	1.70-2.84- —
1876 Br. India	459	(a) (a)	(a)	.11- .25- —
1876 Germany	177	(a) M.	(a)	.58- .58- .58
1877 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1877 Mass	190	2 M.	60-60-60	1.75-1.92-1.84
1877 N. Y	190	4 M.	60-72-69	1.54-3.20-2.22
1877 Pa	190	2 M.	60-60-60	2.50-2.50-2.50
1877 Pa	382	7 M.	c60-60-60	2.50-3.00-2.80
1877 Br. India	459	(a) (a)	(a)	.10- .25- —
1877 Germany	177	(a) M.	(a)	.57- .57- .57
1878 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1878 Mass	190	3 M.	60-60-60	1.75-1.92-1.81
1878 N. Y	190	3 M.	60-72-68	1.54-2.25-1.90
1878 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1878 Pa	383	2 M.	(a)	2.00-2.00-2.00
1878 Br. India	459	(a) (a)	(a)	.10- .28- —
1878 Canada	177	(a) M.	(a)	1.75-1.75-1.75
1878 France	177	(a) M.	(a)	.80- .93- —
1878 Germany	544	(a) M.	(a)	d.08½-.16½- —
1878 Italy	177	(a) M.	(a)	e.69- .69- .69
1878 Scotland	177	(a) M.	(a)	.84- .89- —
1879 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1879 Mass	190	2 M.	60-60-60	1.92-2.00-1.96
1879 N. Y	190	2 M.	60-72-66	1.92-1.95-1.94
1879 Pa	190	2 M.	60-60-60	2.17-2.67-2.42
1879 Pa	384	1 M.	60-60-60	1.50-1.50-1.50
1879 Br. India	459	(a) (a)	(a)	.10- .29- —
1880 Mass	190	2 M.	60-60-60	1.92-2.00-1.96
1880 N. Y	190	3 M.	60-72-68	1.92-2.69-2.20
1880 Pa	190	2 M.	60-60-60	2.17-2.67-2.42
1880 Br. India	459	(a) (a)	(a)	.12- .23- —
1881 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1881 Mass	190	3 M.	60-60-60	1.92-2.00-1.97
1881 N. Y	190	3 M.	60-72-64	1.92-2.49-2.14
1881 Pa	190	2 M.	60-60-60	2.17-2.67-2.42
1881 Br. India	459	(a) (a)	(a)	.09- .28- —
1882 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1882 Mass	190	2 M.	60-60-60	2.00-2.17-2.09
1882 Mo	7	1 M.	59-59-59	2.00-2.00-2.00
1882 N. Y	190	4 M.	60-72-69	1.54-2.69-2.03
1882 Pa	190	2 M.	60-60-60	2.17-2.67-2.42
1882 Br. India	459	(a) (a)	(a)	.09- .28- —
1882 Germany	33	(a) M.	72-72-72	.72- .72- .72
1883 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1883 La	7	2 M.	63-63-63	2.50-3.00-2.75
1883 Mass	190	2 M.	60-60-60	2.00-2.49-2.25
1883 Mass	273	4 M.	(a)	2.50-3.25-2.76
1883 Mich	277	22 M.	(a)	2.50-3.50-2.66
1883 N. Y	190	4 M.	60-72-69	1.54-2.69-2.03
1883 Pa	190	2 M.	60-60-60	2.33-2.67-2.50
1883 Br. India	459	(a) (a)	(a)	.10- .31- —
1883 Malta	178	(a) M.	(a)	.52- .73- —
1884 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1884 Mass	190	2 M.	60-60-60	2.00-2.49-2.25
1884 Mich	278	43 M.	(a)	1.73-3.00-2.34
1884 N. Y	190	5 M.	60-72-70	1.92-2.69-2.20
1884 Pa	190	2 M.	60-60-60	2.33-3.00-2.67
1884 Pa	388	50 M.	(a)	1.88-1.88-1.88
1884 Br. India	459	(a) (a)	(a)	.09- .30- —
1884 England	178	(a) M.	53-53-53	1.34-2.12- —
1884 Germany	178	(a) M.	f72-72-72	.48-1.03- —
1884 Italy	178	(a) M.	(a)	.60- .60- .60
1884 Netherl'ds	178	(a) M.	(a)	.56- .83- —
1884 Scotland	178	(a) M.	72-72-72	.89-1.01- —
1885 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1885 Me	7	1 M.	(a)	2.50-2.50-2.50
1885 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1885 Mich	279	4 M.	(a)	1.34-2.15-1.73
1885 Mo	296	7 M.	(a)	2.11-2.30-2.25
1885 N. J	324	5 M.	60-60-60	2.00-2.67-2.40
1885 N. Y	190	5 M.	60-72-70	1.73-2.69-2.20
1885 Pa	7	1 M.	60-60-60	2.25-2.25-2.25
1885 Pa	190	2 M.	60-60-60	2.33-3.00-2.67
1885 Pa	389	407 M.	(a)	1.76-1.76-1.76
1885 Br. India	459	(a) (a)	(a)	.11- .32- —
1886 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1886 Iowa	232	1 M.	60-60-60	2.00-2.00-2.00
1886 Kans	240	1 M.	(a)	2.00-2.00-2.00
1886 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1886 N. J	325	5 M.	60-60-60	2.67-3.00-2.80
1886 N. Y	190	5 M.	60-72-70	1.73-2.69-2.20
1886 Pa	7	1 M.	57-57-57	1.25-1.25-1.25
1886 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1886 Br. India	459	(a) (a)	(a)	.08- .30- —
1886 England	603	(a) M.	(a)	1.18-1.68- —
1886 Gr't Brit	603	(a) M.	(a)	1.62-1.62-1.62
1886 Italy	633	(a) M.	60-60-60	.97- .97- .97
1887 Del	190	2 M.	60-60-60	2.50-4.17-3.34
1887 Md	4	5 M.	(a)	1.45-1.75-1.59
1887 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1887 Mich	4	12 M.	(a)	1.70-2.50-2.20
1887 Mo	4	37 M.	(a)	1.40-2.68-2.05
1887 N. J	4	2 M.	(a)	1.60-2.50-2.05
1887 N. Y	4	5 M.	(a)	1.45-1.85-1.71
1887 N. Y	190	5 M.	60-72-70	2.00-2.69-2.47
1887 Ohio	369	8 M.	60-60-60	2.25-2.25-2.25
1887 Oregon	4	2 M.	(a)	3.07-3.07-3.07
1887 Pa	4	54 M.	(a)	1.20-3.83-1.85
1887 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1887 Wis	4	4 M.	(a)	2.30-2.49-2.44
1887 Br. India	459	(a) (a)	(a)	.06¼-.32- —
1887 Germany	557	(a) (a)	(a)	e1.69-2.73- —
1888 Del	190	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Per hour.
e And lodging.
f Applies to but 3 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, LABORERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1888 Ind	5	1 M.	(a)	2.25-2.25-2.25
1888 Ind	225	92 M.	b60-60-60	1.73-2.99-2.27
1888 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1888 Mich	280	1 M.	60-60-60	2.68-2.68-2.68
1888 N. Y	190	5 M.	60-72-70	2.00-2.69-2.47
1888 N. Y	331	3 M.	60-60-60	2.33-2.33-2.33
1888 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1888 S. C	6	4 M.	c66-66-66	.75-1.50-1.25
1888 Br. India	459	(a) (a)	(a)	.13- .31- —
1888 France	6	(a) M.	(a)	.97- .97- .97
1888 Germany	558	(a) (a)	42-66 —	.71-1.19- —
1889 Ala	5	6 M.	(a)	1.34-3.00-1.75
1889 Del	190	1 M.	60-60-60	3.00-3.00-3.00
1889 Ill	5	2 M.	d60-60-60	1.61-1.75-1.68
1889 Ind	5	1 M.	(a)	2.50-2.50-2.50
1889 Ind	226	153 M.	c60-72-60	1.50-3.33-1.83
1889 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1889 Minn	5	2 M.	60-60-60	2.15-2.15-2.15
1889 N. Y	190	4 M.	72-72-72	2.50-2.69-2.59
1889 Ohio	5	1 M.	60-60-60	2.75-2.75-2.75
1889 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1889 Australia	432	(a) M.	(a)	2.43-2.43-2.43
1889 Belgium	5	(a) M.	60-72 —	1.09-1.20- —
1889 Br. India	459	(a) (a)	(a)	.12- .32- —
1889 England	6	(a) M.	57-57-57	1.22-1.22-1.22
1890 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1890 Ind	6	1 M.	60-60-60	1.50-1.50-1.50
1890 Ind	226	176 M.	60-60-60	1.50-3.17-2.45
1890 Kans	244	1 M.	(a)	2.00-2.00-2.00
1890 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1890 N. J	6	1 M.	(a)	1.75-1.75-1.75
1890 N. Y	190	5 M.	54-72-68	1.80-2.69-2.43
1890 N. Y	333	4 M.	(a)	1.50-2.08-1.83
1890 Ohio	6	1 M.	60-60-60	1.67-1.67-1.67
1890 Pa	6	1 M.	(a)	1.67-1.67-1.67
1890 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1890 Br. India	459	(a) (a)	(a)	.11- .23- —
1890 Germany	6	(a) M.	(a)	.66- .66- .66
1890 Germany	180	(a) M.	60-60-60	.90- .90- .90
1890 Italy	638	(a) M.	(a)	.48- .87- —
1890 Netherl'd	666	(a) M.	72-96 —	.60- .70- —
1891 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1891 Ind	227	287 M.	60-60-60	1.50-3.03-2.55
1891 Mass	190	1 M.	60-60-60	2.00-2.00-2.00
1891 Mo	300	4 M.	(a)	2.33-2.96-2.69
1891 N. Y	190	1 M.	72-72-72	2.50-2.70-2.61
1891 N. Y	333	1 M.	(a)	1.50-2.00-1.87
1891 Pa	190	2 M.	60-60-60	2.50-3.00-2.75
1891 Br. India	459	(a) (a)	(a)	.10- .21- —
1891 Canada	191	(a) M.	66-66-66	1.66-1.66-1.66
1891 Italy	638	(a) M.	54-63 —	.58- .97- —
1891 Italy	639	(a) M.	69-69-69	.39- .97- —
1892 Cal	196	3 M.	60-60-60	2.50-3.00-2.71
1892 Conn	20	1 M.	60-60-60	2.00-2.50-2.25
1892 Del	20	1 M.	60-60-60	2.42-3.33-2.88
1892 Del	190	1 M.	60-60-60	3.34-3.34-3.34
1892 Ind	227	140 M.	60-60-60	1.74-3.17-2.09
1892 Mass	20	1 M.	58-58-58	2.90-2.90-2.90
1892 Mass	190	1 M.	60-60-60	2.17-2.17-2.17
1892 N. Y	190	3 M.	60-60-60	2.00-2.50-2.33
1892 Ohio	20	5 M.	60-72-62	1.50-3.00-2.20
1892 Ohio	373	1 (a)	59-59-59	1.60-1.60-1.60
1892 Australia	424	(a) M.	(a)	2.19-2.43- —
1892 Br. India	459	(a) (a)	(a)	.13- .23- —
1892 Canada	191	(a) M.	66-66-66	1.66-1.66-1.66
1892 France	505	(a) M.	(a)	.97-1.16- —
1892 Italy	639	(a) M.	72-72-72	1.06-1.06-1.06
1892 Russia	692	(a) (a)	(a)	.14-1.73- —
1893 Conn	20	2 M.	60-60-60	2.00-2.50-2.25
1893 Del	20	1 M.	60-60-60	3.33-3.33-3.33
1893 Ill	10	9 M.	48-60-57	1.75-3.00-2.56
1893 Md	10	5 M.	60-72-62	2.00-4.17-2.90
1893 Mass	20	1 M.	58-58-58	2.90-2.90-2.90
1893 Mich	285	1 M.	84-84-84	1.73-1.73-1.73
1893 N. Y	10	25 M.	54-72-60	1.50-3.33-2.23
1893 Ohio	20	5 M.	60-72-62	1.50-3.00-2.20
1893 Pa	10	7 M.	60-60-60	1.50-2.67-2.16
1893 Br. India	459	(a) (a)	(a)	.06½-.33- —
1893 Canada	191	(a) M.	66-66-66	1.66-1.66-1.66
1893 Italy	639	(a) M.	e54-54-54	.48- .77- —
1894 Conn	20	1 M.	60-60-60	2.20-2.20-2.20
1894 Del	20	1 M.	60-60-60	3.33-3.33-3.33
1894 D. C	8	1 M.	48-48-48	4.50-4.50-4.50
1894 Iowa	236	1 M.	60-60-60	1.92-1.92-1.92
1894 Mass	20	1 M.	58-58-58	2.90-2.90-2.90
1894 Ohio	20	2 M.	60-60-60	1.50-1.75-1.63
1894 Ohio	375	26 M.	58-60-58	1.43-1.53-1.44
1894 Australia	425	(a) (a)	(a)	1.42-2.92- —
1894 Aust-Hun	434	(a) M.	72-72-72	.81-1.22- —
1894 Br. India	459	(a) (a)	(a)	.05½-.28- —
1894 Canada	191	(a) M.	66-66-66	1.66-1.66-1.66
1895 Conn	20	1 M.	60-60-60	2.20-2.20-2.20
1895 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1895 La	7	4 M.	63-63-63	2.00-3.33-2.71
1895 Me	7	3 M.	60-60-60	2.00-2.33-2.19
1895 Mass	7	1 M.	54-54-54	2.83-2.83-2.83
1895 Mass	20	1 M.	58-58-58	2.90-2.90-2.90
1895 Mo	7	1 M.	59-59-59	2.25-2.25-2.25
1895 Mo	304	1 M.	(a)	3.33-3.33-3.33
1895 N. H	7	15 M.	60-60-60	2.25-4.00-3.39
1895 Ohio	20	2 M.	60-60-60	1.75-1.75-1.75
1895 S. C	7	1 M.	66-66-66	3.25-3.25-3.25
1895 Australia	426	(a) (a)	(a)	1.42-2.92- —
1895 Br. India	459	(a) (a)	(a)	.06- .11- —
1895 Canada	191	(a) M.	60-60-60	1.66-1.66-1.66
1896 Ga	7	1 M.	66-66-66	2.50-2.50-2.50
1896 Ill	7	1 M.	54-54-54	3.00-3.00-3.00
1896 Ill	12	3 M.	f60-60-60	1.75-2.00-1.92
1896 Md	14	34 M.	60-60-60	1.75-3.50-2.50
1896 Mass	14	89 M.	54-84-65	1.65-6.00-3.63
1896 N. Y	7	1 M.	59-59-59	2.63-2.63-2.63
1896 N. Y	14	41 M.	60-60-60	3.00-3.00-3.00
1896 Pa	7	2 M.	57-60-59	1.67-2.25-1.96
1896 Pa	14	164 M.	60-60-60	2.00-3.00-2.54
1896 Pa	394	2 M.	60-60-60	1.50-1.50-1.50
1896 S. C	7	1 M.	66-66-66	2.50-2.50-2.50
1896 Wis	7	1 M.	48-48-48	2.50-2.50-2.50
1896 Australia	427	(a) (a)	g60-60-60	1.42-2.19- —
1896 Br. India	459	(a) (a)	(a)	.06½-.10- —
1896 Canada	191	(a) M.	60-60-60	1.66-1.66-1.66
1897 Germany	559	(a) M.	(a)	.83-1.07- —
1898 Ohio	18	9 M.	(a)	1.25-4.60-1.94
1898 Pa	18	9 M.	(a)	1.60-3.50-2.45
1899 Ohio	18	16 M.	(a)	1.40-6.00-2.04
1899 Pa	18	14 M.	(a)	1.66-3.83-2.41

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 1 person not reported.
e Applies to but 2 of the 6 wage quotations.
f Not including hours of 2 persons not reported.
g Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under 'Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), LACE AND LACE GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 France....	505	(a) M.	b57-72 —	0.63-3.18- —	1892 France....	505	(a) M.	63-63-63	c1.16-1.16-1.16

FOREMEN, LAMPLIGHTERS.

1884	Belgium ..	178	(a)	M.	(a)	.74- .74- .74	1890	Germany .	180	(a) M.	(a)	.74- .74- .74
1884	Italy	178	(a)	M.	(a)	.58-1.17- —	1894	England ..	590	(a) (a)	(a)	.89- .93- —

FOREMEN (NOT SPECIFIED), LAMPS.

1879	Germany .	545	(a)	M.	(a)	.82-1.82- —	1890	N. Y.....	333	1 M.	(a)	2.00-2.00-2.00
1887	Germany .	557	(a)	(a)	57-60 —	1.07-1.98- —	1891	N. Y.....	333	2 M.	(a)	2.00-3.00-2.50
1888	N. Y.....	331	1	M.	(a)	2.00-2.00-2.00	1891	France....	505	(a) M.	66-66-66	d1.93-1.93-1.93
1888	Germany .	558	(a)	(a)	57-60 —	.83-1.98- —						

FOREMEN, LAST MAKERS.

1888	N. Y.....	331	2	M.	e59-59-59	3.00-3.00-3.00	1891	N. Y.....	331	2 M.	(a)	2.50-3.50-3.00
1890	N. Y.....	331	1	M.	(a)	3.50-3.50-3.50	1895	Mass	8	3 M.	60-60-60	3.00-4.00-3.67

FOREMEN, LATH MAKERS.

1884	Mich.....	278	1	M.	(a)	3.00-3.00-3.00	1890	N. Y.....	333	2 M.	(a)	2.00-2.00-2.00
1885	Mich.....	279	12	M.	66-66-66	2.00-5.00-3.02	1891	N. Y.....	333	3 M.	(a)	2.00-2.13-2.04

FOREMEN (NOT SPECIFIED), LAUNDRY.

1870	N. Y.....	7	2	M.	60-60-60	3.33-4.17-3.75	1891	France....	505	(a) M.	60-60-60	1.54-1.93- —
1880	Ga	7	1	M.	65-65-65	2.50-2.50-2.50	1892	France....	505	(a) M.	60-60-60	.77- .77- .77
1880	Pa	7	1	M.	60-60-60	3.00-3.00-3.00	1894	D. C.....	8	1 M.	54-54-54	3.00-3.00-3.00
1882	Ohio	7	1	M.	54-54-54	6.67-6.67-6.67	1894	Iowa.....	236	1 M.	60-60-60	2.67-2.67-2.67
1883	Pa	7	1	M.	(a)	3.00-3.00-3.00	1894	N. Y.....	8	1 M.	60-60-60	4.00-4.00-4.00
1885	Mich.....	7	1	M.	54-54-54	2.00-2.00-2.00	1895	Ga	7	1 M.	58-58-58	3.00-3.00-3.00
1885	N. Y.....	7	2	M.	60-63-62	2.50-3.50-3.00	1895	Mass	7	1 M.	58-58-58	2.50-2.50-2.50
1886	N. Y.....	7	2	M.	(a)	2.83-3.00-2.92	1895	N. Y.....	7	5 M.	54-60-59	2.50-4.17-3.20
1886	Pa	7	1	M.	59-59-59	3.00-3.00-3.00	1896	Ill.....	7	1 M.	60-60-60	1.50-1.50-1.50
1887	Wis	409	6	M.	(a)	1.64-1.64-1.64	1896	Md.....	7	2 M.	60-60-60	1.50-3.00-2.25
1888	N. Y.....	331	4	M.	e60-61-60	1.67-3.33-2.38	1896	Mich.....	7	3 M.	54-60-56	2.33-3.33-2.67
1889	Germany .	550	(a)	M.	(a)	1.19-1.19-1.19	1896	N. Y.....	7	2 M.	60-60-60	2.83-3.00-2.92
1890	Ohio	371	1	(a)	54-54-54	3.00-3.00-3.00	1896	Ohio	7	1 M.	54-54-54	6.67-6.67-6.67
1891	Ohio	372	3	M.	60-60-60	2.25-3.00-2.58	1896	Pa	7	3 M.	54-60-57	3.33-4.17-3.75

FOREMEN (NOT SPECIFIED), LEAD MINING.

1879	Mo	293	3	M.	74-74-74	2.42-2.42-2.42	1889	Mo	299	2 (a)	(a)	2.40-2.50-2.45
1884	Aust-Hun .	178	(a)	M.	60-60-60	.28- .32- —	1889	Portugal ..	691	(a) M.	72-72-72	.54- .65- —
1884	England ..	178	(a)	M.	60-60-60	.83- .97- —	1892	France....	505	(a) M.	56-70 —	.68-1.74- —
1889	Mo	189	43	(a)	(a)	1.87-2.19-2.03	1893	Mo	303	8 M.	(a)	1.86-2.73-2.14

a Not reported.
b Applies to but 6 of the 9 wage quotations.
c And lodging, fuel, and light.
d And *gratifications.*
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), LEATHER GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1867 Del	190	1 M.	60-60-60	3.33-3.33-3.33	1883 Del	190	2 M.	60-60-60	3.17-3.33-3.25
1868 Del	190	2 M.	60-60-60	2.00-3.33-2.67	1884 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1869 Del	190	2 M.	60-60-60	2.00-3.33-2.67	1885 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1870 Del	190	2 M.	60-60-60	2.00-3.33-2.67	1885 Germany	547	(a) (a)	(a)	.79- .95- —
1871 Del	190	2 M.	60-60-60	2.50-3.33-2.92	1886 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1872 Del	190	3 M.	60-60-60	1.83-3.33-2.72	1887 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1873 Del	190	2 M.	60-60-60	2.67-3.33-3.00	1888 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1874 Del	190	3 M.	60-60-60	2.83-3.50-3.11	1888 N. Y	331	1 M.	(a)	3.00-3.00-3.00
1875 Del	190	2 M.	60-60-60	3.33-3.50-3.42	1889 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1876 Del	190	2 M.	60-60-60	3.25-3.50-3.38	1890 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1877 Del	190	2 M.	60-60-60	3.00-3.17-3.09	1890 N. Y	333	5 M.	(a)	1.67-5.83-2.72
1878 Del	190	2 M.	60-60-60	2.50-2.50-2.50	1891 Del	190	1 M.	60-60-60	4.17-4.17-4.17
1878 Pa	8	1 M.	60-60-60	3.00-3.00-3.00	1891 N. Y	333	8 M.	(a)	1.67-5.83-2.95
1879 Del	190	2 M.	60-60-60	2.83-3.00-2.92	1895 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1880 Del	190	2 M.	60-60-60	3.17-3.33-3.25	1896 Ill	7	1 M.	60-60-60	2.67-2.67-2.67
1881 Del	190	2 M.	60-60-60	3.17-3.33-3.25	1896 Pa	8	1 M.	60-60-60	2.67-2.67-2.67
1882 Del	190	2 M.	60-60-60	3.17-3.33-3.25					

FOREMEN (NOT SPECIFIED), LIME, CEMENT, AND PLASTER.

1875 Me	8	1 M.	72-72-72	2.00-2.00-2.00	1892 Australia	424	(a) M.	(a)	2.43-2.76- —
1877 Ohio	359	10 M.	(a)	1.50-1.50-1.50	1892 France	505	(a) M.	54-91 —	.24-1.74- —
1881 France	501	(a) M.	(a)	.71-1.05- —	1892 France	505	(a) M.	77-77-77	d.87-1.30- —
1882 France	502	(a) M.	(a)	.73-1.05- —	1892 France	505	(a) M.	63-66 —	c1.32-1.66- —
1883 France	503	(a) M.	(a)	.86-1.20- —	1892 France	505	(a) M.	72-75 —	e.71-2.36- —
1884 Ohio	366	1 M.	(a)	3.00-3.00-3.00	1892 France	505	(a) M.	57-57-57	f.97- .97- .97
1884 France	504	(a) M.	(a)	.75-1.15- —	1893 Me	259	131 M.	(a)	2.30-2.30-2.30
1885 France	503	(a) M.	(a)	.75- .75- .75	1893 Italy	639	(a) M.	66-66-66	.97-1.16- —
1888 N. Y	331	7 M.	b53-60-59	1.67-3.67-2.56	1894 Australia	425	(a) (a)	(a)	2.43-2.43-2.43
1890 N. Y	333	9 M.	(a)	1.50-4.50-2.63	1895 Australia	426	(a) (a)	(a)	2.43-2.43-2.43
1891 N. Y	333	18 M.	(a)	1.50-4.50-2.39	1896 Australia	427	(a) (a)	(a)	2.43-2.43-2.43
1891 Ohio	372	1 M.	60-60-60	2.50-2.50-2.50	1896 Australia	678	(a) M.	72-72-72	1.70-1.77- —
1891 France	522	(a) (a)	(a)	.75-1.24- —	1897 Australia	428	(a) (a)	(a)	2.43-2.43-2.43
1891 Italy	638	(a) M.	66-66-66	1.16-1.16-1.16	1898 Mo	306	4 M.	(a)	2.88-2.88-2.88
1892 Algeria	505	(a) M.	60-60-60	c.64-1.93- —	1898 Australia	429	(a) (a)	(a)	2.43-2.84- —

FOREMEN, LINEMEN.

1884 England	178	(a) M.	(a)	.85-1.94- —	1893 Mass	20	1 M.	(a)	2.75-2.75-2.75
1884 Germany	178	(a) M.	(a)	.60- .60- .60	1894 Mass	20	1 M.	(a)	2.75-2.75-2.75
1884 Italy	178	(a) M.	(a)	.80- .80- .80	1895 Mass	20	1 M.	(a)	2.75-2.75-2.75
1887 Md	4	1 M.	(a)	2.30-2.30-2.30	1896 Md	14	2 M.	70-70-70	2.85-2.85-2.85
1887 Mo	4	11 M.	(a)	1.73-2.49-2.42	1896 N. Y	14	2 M.	48-48-48	3.50-3.50-3.50
1887 Pa	4	8 M.	g60-60-60	2.30-2.80-2.45	1896 Pa	14	2 M.	60-60-60	2.93-2.93-2.93
1892 Mass	20	1 M.	(a)	2.75-2.75-2.75					

FOREMEN (NOT SPECIFIED), LINSEED CRUSHING MILL.

(h) England	562	(a) M.	(a)	1.14-1.14-1.14	1884 Mich	278	1 M.	(a)	2.00-2.00-2.00
1861 England	564	(a) M.	72-72-72	1.22-1.22-1.22	1888 N. Y	331	6 M.	i60-66-63	2.52-3.60-2.98
1877 England	570	(a) M.	55-55-55	2.84-2.84-2.84	1890 N. Y	333	2 M.	(a)	3.00-3.18-3.09
1880 England	571	(a) M.	(a)	1.42-2.43- —	1891 N. Y	333	4 M.	(a)	1.75-3.18-2.42
1883 England	572	(a) M.	72-72-72	1.62-1.62-1.62	1891 Ohio	372	4 M.	66-72-71	2.00-2.75-2.42

a Not reported.
b Not including hours of 1 person not reported.
c And lodging.
d And board, lodging, fuel, light, and washing.
e And lodging, fuel, and light.
f And fuel.
g Not including hours of 6 persons not reported.
h Average for 1856–58.
i Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, LITHOGRAPHERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1868 N. Y.	8	1 M.	54-54-54	4.17-4.17-4.17
1868 Pa	8	3 M.	60-60-60	4.16-4.17-4.16
1868 England	567	(a) M.	56-56-56	1.24-1.24-1.24
1871 Mass	267	3 M.	59-59-59	4.00-4.00-4.00
1877 N. Y.	8	3 M.	48-60-52	6.00-6.50-6.33
1879 Ohio	361	5 M.	(a)	3.67-3.67-3.67
1882 Ohio	364	11 (a)	60-60-60	4.64-4.64-4.64
1884 England	178	(a) M.	54-55 —	1.34-3.24- —
1885 Germany	547	(a) M.	(a)	2.78-2.78-2.78
1886 Germany	548	(a) (a)	(a)	.99-1.79- —
1887 Wis	409	11 M.	(a)	3.92-3.92-3.92
1887 Germany	557	(a) (a)	47-53 —	2.38-2.98- —
1888 Germany	558	(a) (a)	45-54 —	2.38-4.56- —
1890 Minn	292	3 M.	(a)	4.15-5.85-4.72
1890 N. Y.	333	2 M.	(a)	7.99-7.99-7.99
1891 N. Y.	333	2 M.	(a)	7.99-7.99-7.99
1891 France	505	(a) M.	60-60-60	1.74-3.86- —
1892 Cal	196	3 M.	54-60-58	4.17-5.00-4.72
1892 Australia	424	(a) M.	(a)	2.64-4.06- —
1893 Ill	10	1 M.	46-46-46	5.00-5.00-5.00
1894 Australia	425	(a) (a)	(a)	2.84-4.06- —
1895 Pa	8	2 M.	54-54-54	5.50-5.50-5.50
1895 Australia	426	(a) (a)	(a)	2.84-4.06- —
1896 N. Y.	8	7 M.	54-54-54	1.98-6.75-5.18
1896 Australia	427	(a) (a)	(a)	2.84-4.06- —
1897 N. Y.	8	2 M.	54-54-54	5.50-5.50-5.50

FOREMEN, LOCKSMITHS.

1879	Germany	545	(a)	M.	(a)	.68-1.37- —	1888	Germany	558	(a)	(a)	57-66 —	.71-1.82- —
1884	Aust-Hun	178	(a)	M.	60-60-60	1.00-2.00- —	1890	Spain	632	(a)	(a)	(a)	.97- .97- .97
1884	Germany	556	(a)	(a)	60-60-60	b1.07-1.07-1.07	1891	France	505	(a)	M.	60-60-60	1.74-1.74-1.74
1884	Russia	178	(a)	M.	60-60-60	.55- .55- .55	1892	Algeria	505	(a)	M.	70-70-70	1.25-1.45- —
1886	Germany	548	(a)	(a)	(a)	.81-1.01- —	1892	France	505	(a)	M.	48-72 —	.68-1.93- —
1887	Germany	557	(a)	(a)	60-60-60	.83-1.43- —	1894	Spain	632	(a)	(a)	(a)	.97- .97- .97

FOREMEN (NOT SPECIFIED), LOCOMOTIVE WORKS.

1870	Norway	610	(a)	M.	(a)	1.04-1.45- —	1884	Russia	178	(a)	M.	(a)	c1.84-3.68- —
1884	C. of G'd H.	178	(a)	(a)	(a)	2.87-3.65- —	1887	Mich	4	2	M.	(a)	4.22-4.41-4.32
1884	Ceylon	178	(a)	(a)	(a)	3.83-5.11- —	1887	Mo	4	9	M.	(a)	2.00-3.83-3.21
1884	England	178	(a)	M.	(a)	1.62-2.23- —	1895	N. Zealand	670	(a)	M.	(a)	4.06-4.06-4.06

FOREMEN, LONGSHOREMEN.

1853	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00	1863	England	565	(a)	(a)	e60-60-60	.91-1.22- —
1855	England	561	(a)	(a)	(a)	1.03-1.03-1.03	1870	N. J	8	1	M.	60-60-60	5.00-5.00-5.00
1856	England	561	(a)	(a)	(a)	1.03-1.03-1.03	1884	Mich	278	6	M.	(a)	1.85-3.25-2.35
1857	England	561	(a)	(a)	(a)	1.03-1.03-1.03	1885	N. Y.	8	1	M.	60-60-60	2.50-2.50-2.50
(d)	England	562	(a)	M.	(a)	1.22-1.22-1.22	1888	N. Y.	331	4	M.	60-60-60	5.00-5.00-5.00
1859	England	564	(a)	(a)	60-60-60	1.03-1.03-1.03	1892	France	632	(a)	M.	60-60-60	1.48-1.85- —
1860	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00	1893	Ohio	374	51	M.	66-66-66	2.48-2.48-2.48
1860	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1896	Minn	8	1	M.	60-60-60	2.25-2.25-2.25
1861	England	564	(a)	(a)	60-60-60	1.22-1.22-1.22	1896	N. Y.	8	4	M.	60-60-60	3.50-5.00-4.00

FOREMEN (NOT SPECIFIED), LOOKING-GLASSES.

1881	France	501	(a)	M.	(a)	.94-1.69- —	1891	France	505	(a)	M.	66-66-66	1.67-2.32- —
1882	France	502	(a)	M.	(a)	.97-1.64- —	1891	France	522	(a)	(a)	(a)	.93-1.57- —
1883	France	503	(a)	M.	(a)	1.03-1.64- —	1892	France	505	(a)	M.	66-66-66	1.40-1.40-1.40
1883	Germany	555	(a)	(a)	57-57-57	1.11-1.59- —	1898	Aust-Hun.	438	(a)	(a)	72-72-72	.28- .51- —
1884	France	504	(a)	M.	(a)	1.03-1.64- —							

FOREMEN, LOOM FIXERS, TEXTILES.

1884	England	178	(a)	M.	56-56-56	1.42-1.42-1.42	1894	Ohio	375	1	M.	60-60-60	1.25-1.25-1.25
1885	Vt	7	1	M.	60-60-60	4.00-4.00-4.00	1895	Vt	7	1	M.	60-60-60	3.75-3.75-3.75
1890	Scotland	6	(a)	M.	56-56-56	1.18-1.22- —							

a Not reported.
b And lodging and partial board.
c And lodging.
d Average for 1856–58.
e Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 Ireland	565	(a) (a)	60-60-60	1.34-1.34-1.34
1868 Germany	185	(a) M.	(a)	.48- .48- .48
1873 Pa	379	4 M.	(a)	3.00-3.00-3.00
1876 Pa	381	8 M.	(a)	2.00-5.00-3.34
1876 Pa	382	3 M.	(a)	3.50-4.00-3.67
1877 Pa	382	1 M.	(a)	2.50-2.50-2.50
1878 Pa	383	5 M.	60-60-60	1.50-5.00-3.27
1879 Pa	384	74 M.	(a)	1.00-4.00-2.11
1882 Ohio	364	54 M.	60-60-60	1.50-6.00-2.89
1883 Mich	277	39 M.	(a)	2.00-8.00-3.76
1883 France	503	(a) M.	(a)	.97-1.44- —
1884 Mich	278	56 M.	(a)	1.00-6.40-3.70
1884 Canada	178	(a) M.	(a)	1.92-2.49- —
1884 Canada	466	(a) M.	60-60-60	3.54-3.54-3.54
1884 England	178	(a) (a)	53-53-53	1.20-1.40- —
1884 Spain	178	(a) M.	(a)	.60-1.00- —
1885 Ark	1	1 M.	60-60-60	2.00-2.00-2.00
1885 Ill	1	3 M.	66-66-66	2.00-4.00-3.33
1885 Mich	279	92 M.	b 66-66-66	1.90-6.00-3.66
1885 Canada	467	(a) M.	65-65-65	3.11-3.11-3.11
1886 Canada	64	(a) M.	66-66-66	3.83-3.83-3.83
1886 Canada	468	(a) M.	61-61-61	3.13-3.13-3.13
1887 Md	4	2 M.	(a)	2.40-3.25-2.83
1887 Oregon	4	1 M.	(a)	3.00-3.00-3.00
1887 Pa	4	1 M.	(a)	2.88-2.88-2.88
1887 Pa	4	1 M.	(a)	c .22- .22- .22
1887 Wis	4	2 M.	(a)	1.92-1.92-1.92
1887 Wis	409	170 M.	(a)	2.19-4.00-3.32
1887 Canada	469	(a) M.	60-72 —	2.00-3.08- —
1888 N. Y	331	34 M.	d 59-65-61	1.33-5.00-2.42
1888 Canada	470	(a) M.	60-63 —	1.92-3.13- —
1889 Mich	281	1 M.	60-60-60	1.75-1.75-1.75
1889 Canada	471	(a) M.	57-61 —	1.89-2.72- —
1890 Minn	292	11 M.	(a)	2.40-2.40-2.40
1890 N. Y	333	25 M.	(a)	1.50-5.50-2.94
1890 Ohio	371	3 (a)	60-60-60	2.50-2.50-2.50
1891 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1891 Minn	191	1 M.	60-60-60	2.50-2.50-2.50
1891 Minn	191	1 M.	(a)	e 2.88-2.88-2.88
1891 Mo	300	1 M.	(a)	3.25-3.25-3.25
1891 N. Y	333	49 M.	(a)	1.50-6.00-2.61
1891 N. C	346	1 M.	60-60-60	1.50-1.50-1.50
1891 Ohio	372	2 M.	60-60-60	2.50-6.00-4.25
1891 Wis	191	1 M.	60-60-60	4.79-4.79-4.79
1891 Wis	411	12 M.	(a)	1.75-1.92-1.91
1891 Wis	411	1 M.	(a)	f 4.47-4.47-4.47
1891 Wis	411	1 M.	(a)	g 5.75-5.75-5.75
1891 Canada	191	(a) M.	66-66-66	1.30-4.80- —
1891 Canada	191	(a) M.	(a)	e 1.53-2.49- —
1891 France	505	(a) M.	60-72 —	1.37-2.70- —
1891 France	522	(a) (a)	(a)	.76- .83- —
1892 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1892 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1892 Minn	191	2 M.	60-60-60	2.25-2.50-2.38
1892 Minn	191	1 M.	(a)	e 2.88-2.88-2.88
1892 N. Y	20	1 M.	(a)	2.50-2.50-2.50
1892 Wis	191	1 M.	60-60-60	4.79-4.79-4.79
1892 Australia	424	(a) M.	(a)	1.42-6.49- —
1892 Canada	191	(a) M.	66-66-66	1.30-4.80- —
1892 Canada	191	(a) M.	(a)	e 1.53-2.49- —
1892 France	505	(a) M.	54-84 —	.39-2.08- —
1892 France	505	(a) M.	60-84 —	h .69-1.05- —
1892 France	505	(a) M.	63-81 —	i 0.77-1.40- —
1892 France	505	(a) M.	66-66-66	j .90- .90- .90
1892 France	505	(a) M.	66-84 —	f .77- .97- —
1892 France	505	(a) M.	63-63-63	k 1.44-1.44-1.44
1893 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1893 Md	10	1 M.	60-60-60	2.50-2.50-2.50
1893 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1893 Mich	285	1 M.	57-57-57	1.80-1.80-1.80
1893 Minn	191	2 M.	60-60-60	2.25-2.50-2.38
1893 Minn	191	1 M.	(a)	e 2.88-2.88-2.88
1893 Mont	307	7 (a)	(a)	l 2.77-2.77-2.77
1893 N. Y	20	1 M.	(a)	2.50-2.50-2.50
1893 Ohio	374	1 M.	60-60-60	3.00-3.00-3.00
1893 Wis	191	1 M.	60-60-60	4.79-4.79-4.79
1893 Wis	412	1 M.	(a)	1.75-1.75-1.75
1893 Wis	412	8 M.	(a)	e 1.92-1.92-1.92
1893 Canada	191	(a) M.	66-66-66	1.30-4.80- —
1893 Canada	191	(a) M.	(a)	e 1.53-2.30- —
1894 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1894 Iowa	236	2 M.	54-66-60	2.50-2.50-2.50
1894 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1894 Minn	191	4 M.	60-60-60	2.00-3.20-2.61
1894 Minn	191	1 M.	(a)	e 2.88-2.88-2.88
1894 Mont	308	11 M.	(a)	3.53-3.53-3.53
1894 N. Y	20	1 M.	(a)	2.00-2.00-2.00
1894 N. C	8	1 M.	60-60-60	3.00-3.00-3.00
1894 Wis	191	1 M.	60-60-60	4.79-4.79-4.79
1894 Australia	425	(a) (a)	(a)	2.03-3.24- —
1894 Canada	191	(a) M.	66-66-66	1.30-4.80- —
1894 Canada	191	(a) M.	(a)	e 1.92-2.49- —
1894 Norway	586	(a) M.	(a)	.84- .84- .84
1895 Del	20	1 M.	60-60-60	4.17-4.17-4.17
1895 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1895 Minn	191	4 M.	60-60-60	2.00-3.20-2.55
1895 Minn	191	1 M.	(a)	e 3.45-3.45-3.45
1895 Mo	304	5 M.	(a)	1.50-2.70-2.15
1895 N. J	8	1 M.	60-60-60	4.00-4.00-4.00
1895 N. Y	8	6 M.	54-60-59	2.00-4.00-2.92
1895 N. Y	20	1 M.	(a)	2.00-2.00-2.00
1895 N. C	8	2 M.	60-60-60	1.60-2.25-1.93
1895 Wis	191	1 M.	60-60-60	3.84-3.84-3.84
1895 Australia	426	(a) (a)	(a)	2.03-3.24- —
1895 Canada	191	(a) M.	60-60-60	1.30-4.80- —
1895 Canada	191	(a) M.	(a)	e 1.92-2.49- —
1896 Ga	8	4 M.	66-66-66	1.25-3.00-1.94
1896 Mich	191	1 M.	60-60-60	2.50-2.50-2.50
1896 Minn	8	1 M.	60-60-60	2.50-2.50-2.50
1896 Minn	191	4 M.	60-60-60	2.00-3.20-2.61
1896 Minn	191	1 M.	(a)	e 2.30-2.30-2.30
1896 Mo	305	22 M.	60-66-64	2.00-3.90-2.31
1896 N. Y	8	1 M.	54-54-54	4.17-4.17-4.17
1896 Ohio	377	2 M.	48-60-54	1.75-2.20-1.98
1896 Wis	191	1 M.	60-60-60	3.84-3.84-3.84
1896 Australia	427	(a) (a)	(a)	1.93-2.84- —
1896 Canada	191	(a) M.	60-60-60	1.30-4.80- —
1896 Canada	191	(a) M.	(a)	e 1.92-2.49- —
1896 Canada	482	(a) (a)	(a)	4.17-5.83- —
1897 Mich	8	1 M.	60-60-60	2.50-2.50-2.50
1897 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1897 Australia	428	(a) (a)	(a)	1.95-3.24- —
1898 Mo	306	43 M.	(a)	1.53-6.71-3.16
1898 Australia	429	(a) (a)	(a)	1.95-3.24- —

a Not reported.
b Not including hours of 1 person not reported.
c Per hour.
d Not including hours of 8 persons not reported.
e And board.
f And fuel.
g And house, horse, and fuel.
h And lodging.
i And lodging and fuel.
j And lodging, fuel, and light.
k And *gratifications*.
l And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, MACARONI MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	1 M.	53-53-53	3.00-3.00-3.00
1890 N. Y.	333	1 M.	(a)	2.00-2.00-2.00
1890 Netherl'ds	666	(a) M.	(a)	.54- .54- .54
1891 N. Y.	333	1 M.	(a)	2.33-2.33-2.33
1891 Ohio	372	1 M.	54-54-54	2.00-2.00-2.00
1892 France	505	(a) M.	72-72-72	.68- .68- .68

FOREMEN, MALTSTERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
(b) Ireland	562	(a) M.	(a)	.61- .61- .61
1874 Br. India	459	(a) (a)	(a)	.12- .12- .12
1875 Br. India	459	(a) (a)	(a)	.12- .12- .12
1876 Br. India	459	(a) (a)	(a)	.13- .13- .13
1877 Br. India	459	(a) (a)	(a)	.13- .13- .13
1878 Br. India	459	(a) (a)	(a)	.11- .11- .11
1879 Br. India	459	(a) (a)	(a)	.12- .12- .12
1880 Br. India	459	(a) (a)	(a)	.11- .11- .11
1881 Br. India	459	(a) (a)	(a)	.10- .10- .10
1882 Br. India	459	(a) (a)	(a)	.12- .12- .12
1883 Br. India	459	(a) (a)	(a)	.12- .12- .12
1884 Mich	278	3 M.	(a)	1.85-2.00-1.95
1884 Br. India	459	(a) (a)	(a)	.12- .12- .12
1884 England	178	(a) M.	54-54-54	1.22-1.62- —
1885 Br. India	459	(a) (a)	(a)	.12- .12- .12
1886 Br. India	459	(a) (a)	(a)	.11- .11- .11
1887 Br. India	459	(a) (a)	(a)	.11- .11- .11
1887 Germany	557	(a) (a)	(a)	1.46-1.49- —
1888 N. Y.	331	8 M.	54-72-61	2.00-4.79-2.81
1888 Br. India	459	(a) (a)	(a)	.10- .10- .10
1888 Germany	558	(a) (a)	60-78 —	1.37-1.46- —
1889 Br. India	459	(a) (a)	(a)	.10- .10- .10
1889 Germany	550	(a) M.	(a)	c1.37-1.37-1.37
1890 N. Y.	333	4 M.	(a)	2.31-3.70-2.87
1890 Br. India	459	(a) (a)	(a)	.12- .12- .12
1891 N. Y.	333	7 M.	(a)	2.00-3.83-2.76
1891 Br. India	459	(a) (a)	(a)	.11- .12- —
1892 N. Y.	20	4 M.	60-60-60	2.00-2.69-2.47
1892 Br. India	459	(a) (a)	(a)	.09½-.09½-.09½
1892 France	505	(a) M.	66-84 —	.72-1.35- —
1893 Md	10	1 M.	72-72-72	3.33-3.33-3.33
1893 N. Y.	20	4 M.	60-60-60	2.00-2.69-2.47
1893 Br. India	459	(a) (a)	(a)	.09- .09½- —
1894 N. Y.	20	4 M.	60-60-60	2.00-2.69-2.47
1894 Br. India	459	(a) (a)	(a)	.07½-.08- —
1895 N. Y.	20	4 M.	60-60-60	2.00-2.69-2.47
1895 Br. India	459	(a) (a)	(a)	.07- .07- .07
1896 Ohio	377	1 M.	60-60-60	3.00-3.00-3.00
1896 Br. India	459	(a) (a)	(a)	.07- .07½- —

FOREMEN (NOT SPECIFIED), MARBLE AND STONE.

1855	Mass	8	1	M.	72-72-72	2.00-2.00-2.00	1891	France	505	(a)	M.	60-60-60	1.35-1.74- —
1869	Mass	8	1	M.	60-60-60	4.00-4.00-4.00	1892	Mass	8	4	M.	54-60-59	3.50-4.00-3.83
1873	Va	8	1	M.	48-48-48	5.00-5.00-5.00	1892	Vt	8	1	M.	60-60-60	4.50-4.50-4.50
1877	Ohio	359	3	M.	(a)	2.50-2.88-2.72	1892	Australia	424	(a)	M.	(a)	2.03-3.24- —
1882	Ohio	364	3	(a)	72-72-72	3.00-3.00-3.00	1892	France	505	(a)	M.	60-72 —	.59-1.30- —
1884	Me	8	1	M.	58-58-58	3.50-3.50-3.50	1894	D. C	8	1	M.	48-48-48	4.50-4.50-4.50
1884	Mich	278	1	M.	(a)	3.00-3.00-3.00	1894	N. H	8	2	M.	53-53-53	4.00-4.00-4.00
1884	Ohio	366	9	M.	(a)	2.13-5.33-3.33	1894	N. Y.	8	1	M.	60-60-60	7.00-7.00-7.00
1884	Germany	556	(a)	(a)	60-60-60	d1.19-1.19-1.19	1895	Conn	8	1	M.	60-60-60	3.50-3.50-3.50
1885	Germany	547	(a)	M.	(a)	1.19-1.43- —	1895	Me	8	1	M.	54-54-54	4.00-4.00-4.00
1886	Vt	8	2	M.	60-60-60	4.00-4.00-4.00	1895	Mass	8	1	M.	54-54-54	4.00-4.00-4.00
1886	Germany	548	(a)	(a)	(a)	1.19-1.43- —	1895	N. C	8	1	M.	60-60-60	3.00-3.00-3.00
1886	Scotland	602	(a)	M.	(a)	.97- .97- .97	1895	Vt	8	1	M.	60-60-60	3.50-3.50-3.50
1887	Germany	557	(a)	(a)	60-60-60	c1.19-1.43- —	1896	Me	8	1	M.	66-66-66	3.83-3.83-3.83
1888	Vt	8	1	M.	60-60-60	4.00-4.00-4.00	1896	Mass	8	6	M.	54-60-57	3.83-4.00-3.92
1888	Germany	558	(a)	(a)	60-66 —	1.19-2.38- —	1896	N. H	8	1	M.	54-54-54	4.00-4.00-4.00
1889	Canada	471	(a)	M.	59-60 —	2.39-2.95- —	1896	Ohio	377	3	M.	60-60-60	4.00-4.00-4.00
1890	Mass	8	1	M.	54-54-54	3.83-3.83-3.83	1896	Vt	8	4	M.	60-60-60	5.00-5.00-5.00
1890	Minn	292	5	M.	(a)	3.00-3.50-3.20	1897	N. H	8	1	M.	53-53-53	4.00-4.00-4.00
1890	N. Y.	333	5	M.	(a)	2.50-4.50-3.31	1897	Vt	8	1	M.	60-60-60	3.75-3.75-3.75
1891	N. Y.	333	6	M.	(a)	2.25-4.50-3.14	1898	Mo	306	11	M.	(a)	2.30-3.83-3.07
1891	Ohio	372	1	M.	60-60-60	2.50-2.50-2.50							

FOREMEN, MARBLE AND STONE SETTERS.

1879	Germany	545	(a)	M.	60-60-60	1.19-1.19-1.19	1886	Germany	548	(a)	(a)	(a)	1.19-1.55- —
1882	Germany	554	(a)	(a)	(a)	1.07-1.43- —	1887	Germany	557	(a)	(a)	42-60 —	.66-1.55- —
1883	Germany	555	(a)	(a)	60-60-60	1.07-1.43- —	1888	Germany	558	(a)	(a)	48-60 —	.60-1.55- —
1884	Germany	556	(a)	(a)	60-60-60	1.19-1.43- —	1889	Germany	550	(a)	M.	e 72-72-72	1.35-1.67- —
1885	Germany	547	(a)	M.	(a)	1.07-1.43- —							

a Not reported.
b Average for 1856–58.
c And lodging.
d And lodging and partial board.
e Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, MASONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1841 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1841 England	625	(a) M.	(a)	.73- .85- —
1842 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1843 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1844 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1845 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1845 Switzerl'd.	714	(a) M.	(a)	.41- .41- .41
1846 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1847 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1848 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1849 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1850 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1850 Switzerl'd.	714	(a) M.	(a)	.43- .43- .43
1851 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1852 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1853 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1854 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1855 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1855 Switzerl'd.	714	(a) M.	(a)	.48- .48- .48
1856 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1857 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1858 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1859 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1860 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1860 Switzerl'd.	714	(a) M.	(a)	.68- .68- .68
1861 Mass	190	2 M.	60-60-60	2.50-3.00-2.75
1861 England	564	(a) (a)	(a)	.91- .91- .91
1862 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1863 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1864 Mass	190	3 M.	60-60-60	2.50-3.00-2.83
1865 Mass	190	2 M.	60-60-60	3.50-4.00-3.75
1865 Switzerl'd.	714	(a) M.	(a)	.77- .77- .77
1866 Mass	190	2 M.	60-60-60	4.00-4.00-4.00
1866 England	566	(a) M.	63-63-63	.91- .91- .91
1867 Mass	190	2 M.	60-60-60	4.00-4.50-4.25
1868 Mass	190	2 M.	60-60-60	4.25-4.75-4.50
1868 England	567	(a) M.	72-72-72	.85- .97- —
1869 Mass	190	2 M.	60-60-60	5.00-5.00-5.00
1870 Mass	190	2 M.	60-60-60	5.00-5.00-5.00
1870 Egypt	610	(a) (a)	(a)	1.46-1.95- —
1870 Persia	610	(a) M.	(a)	.41- .41- .41
1870 Portugal	610	(a) M.	(a)	.30- .34- —
1870 Switzerl'd.	714	(a) M.	(a)	.87- .87- .87
1871 Mass	190	2 M.	60-60-60	5.00-5.00-5.00
1871 Turk. in A.	611	(a) (a)	(a)	1.10-1.10-1.10
1872 Mass	190	2 M.	60-60-60	5.00-5.00-5.00
1873 Mass	190	2 M.	60-60-60	5.00-5.00-5.00
1873 Germany	542	(a) M.	60-60-60	1.38-1.38-1.38
1873 Switzerl'd.	714	(a) M.	(a)	1.16-1.16-1.16
1874 Mass	190	2 M.	60-60-60	4.50-5.00-4.75
1875 Mass	190	2 M.	60-60-60	4.50-5.00-4.75
1875 Germany	543	(a) M.	(a)	b .12- .18- —
1876 Mass	190	2 M.	60-60-60	4.00-4.50-4.25
1876 Pa	381	1 M.	60-60-60	3.08-3.08-3.08
1877 Mass	190	2 M.	60-60-60	4.00-4.50-4.25
1878 Mass	190	2 M.	60-60-60	4.00-4.00-4.00
1878 Germany	177	(a) M.	(a)	1.10-1.10-1.10
1878 Germany	544	(a) M.	(a)	b.16½-.16½-.16½
1879 Mass	190	2 M.	60-60-60	3.75-4.00-3.88
1879 Pa	384	3 M.	60-60-60	2.70-2.70-2.70
1879 Germany	545	(a) M.	(a)	1.27-1.27-1.27
1880 Mass	190	2 M.	60-60-60	4.00-4.00-4.00
1881 Mass	190	2 M.	60-60-60	4.00-4.00-4.00
1882 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1882 Germany	554	(a) (a)	60-60-60	1.07-1.43- —
1883 Mass	190	2 M.	60-60-60	4.00-6.00-5.00
1883 Ohio	365	1 M.	59-59-59	3.50-3.50-3.50
1883 Germany	47	(a) (a)	72-72-72	1.19-1.19-1.19
1883 Germany	555	(a) (a)	60-60-60	1.07-1.43- —
1884 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1884 Pa	388	33 M.	(a)	2.85-2.85-2.85
1884 Germany	178	(a) M.	60-63 —	.48-1.79- —
1884 Germany	556	(a) (a)	54-54-54	1.05-1.43- —
1884 Italy	178	(a) M.	60-60-60	.29- .68- —
1885 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1885 Mich	279	2 M.	(a)	2.50-3.00-2.75
1885 Pa	389	35 M.	(a)	3.14-3.14-3.14
1885 Germany	547	(a) M.	(a)	1.07-1.43- —
1886 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1886 England	602	(a) M.	(a)	1.41-1.50- —
1886 Germany	548	(a) (a)	(a)	1.43-1.67- —
1886 Scotland	602	(a) M.	(a)	1.40-1.40-1.40
1887 Conn	4	2 M.	(a)	3.50-3.50-3.50
1887 Del	4	1 M.	(a)	2.95-2.95-2.95
1887 Md	4	5 M.	(a)	2.40-3.25-2.83
1887 Mass	4	4 M.	(a)	2.75-4.11-3.52
1887 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1887 Mo	4	2 M.	(a)	3.45-3.45-3.45
1887 Nebr	312	1 (a)	60-60-60	5.35-5.35-5.35
1887 N. J	4	1 M.	(a)	3.00-3.00-3.00
1887 N. Y	4	16 M.	(a)	2.50-4.60-3.03
1887 Pa	4	23 M.	c 60-60-60	1.50-4.00-3.25
1887 Pa	4	12 M.	(a)	b .22- .35-.29½
1887 Wis	4	1 M.	(a)	3.50-3.50-3.50
1887 Germany	557	(a) (a)	(a)	b .14½-.15½- —
1888 Me	254	1 M.	60-60-60	1.75-1.75-1.75
1888 Mass	190	2 M.	60-60-60	4.00-5.00-4.50
1888 England	5	(a) M.	(a)	1.10-1.10-1.10
1888 Germany	558	(a) (a)	36-66 —	1.19-1.83- —
1889 Ill	5	3 M.	48-60-56	1.92-6.71-3.54
1889 Kans	243	3 M.	60-60-60	2.50-3.50-3.17
1889 Mass	190	2 M.	60-60-60	4.10-4.50-4.30
1889 Belgium	5	(a) M.	60-72 —	.90-1.20- —
1889 England	5	(a) M.	(a)	1.10-1.84- —
1889 Germany	5	(a) M.	(a)	.67-2.21- —
1890 Ind	6	1 M.	60-60-60	3.00-3.00-3.00
1890 Mass	190	2 M.	60-60-60	4.10-4.50-4.30
1890 Minn	292	36 M.	(a)	3.35-4.00-3.52
1891 Mass	190	2 M.	60-60-60	4.10-4.50-4.30
1891 Italy	638	(a) M.	d 63-69 —	.54- .97- —
1892 Mass	190	1 M.	60-60-60	4.10-4.10-4.10
1892 Australia	424	(a) M.	(a)	2.92-2.92-2.92
1892 Corsica	505	(a) M.	60-60-60	1.16-1.16-1.16
1892 France	505	(a) M.	e 57-77 —	.48-1.93- —
1892 Germany	184	(a) M.	(a)	1.79-1.79-1.79
1894 Australia	425	(a) (a)	(a)	2.03-3.24- —
1895 Me	7	2 M.	60-60-60	2.50-3.00-2.75
1895 N. H	7	1 M.	60-60-60	3.25-3.25-3.25
1895 Australia	426	(a) (a)	(a)	2.03-3.24- —
1895 Belgium	458	(a) (a)	(a)	b .07½-.09½- —
1895 France	513	(a) M.	(a)	.74-1.85- —
1896 Mass	14	1 M.	56-56-56	3.99-3.99-3.99
1896 Australia	427	(a) (a)	(a)	2.03-2.92- —
1896 Mexico	184	(a) M.	(a)	.75-2.08- —
1897 Australia	428	(a) (a)	(a)	2.03-2.43- —
1897 France	511	(a) M.	60-60-60	1.06-1.54- —
1898 Australia	429	(a) (a)	(a)	2.03-2.43- —
1898 Denmark	493	(a) M.	(a)	1.39-2.14- —
1898 France	154	(a) (a)	(a)	b.09½-.09½-.09½
1899 Mass	18	7 M.	48-48-48	4.80-4.80-4.80
1900 Mass	18	8 M.	48-48-48	4.80-4.96-4.88

a Not reported.
b Per hour.
c Not including hours of 21 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 11 of the 13 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), MATCHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 Ohio	359	4 M.	(a)	3.33-3.33-3.33	1892 C.of G'd H.	486	(a) M.	(a)	1.62-1.62-1.62
1884 Colombia	178	(a) (a)	60-60-60	2.02-2.02-2.02	1892 France	505	(a) M.	54-72 —	.58-2.32- —
1884 Spain	178	(a) M.	63-63-63	.57- .77- —	1897 Me	8	1 M.	60-60-60	4.79-4.79-4.79
1890 N. Y.	333	1 M.	(a)	2.50-2.50-2.50	1898 Denmark	493	(a) M.	(a)	1.07-1.56- —
1891 N. Y.	333	1 M.	(a)	2.25-2.25-2.25					

FOREMEN (NOT SPECIFIED), MATS AND MATTING.

1890 N. Y.	333	5 M.	(a)	1.50-4.50-3.90	1895 Australia	426	(a) (a)	(a)	1.62-1.62-1.62
1891 N. Y.	333	5 M.	(a)	1.50-4.50-3.90	1896 Australia	427	(a) (a)	(a)	1.62-1.62-1.62
1892 Australia	424	(a) M.	(a)	1.62-1.62-1.62	1897 Australia	428	(a) (a)	(a)	1.62-1.62-1.62
1894 Australia	425	(a) (a)	(a)	1.62-1.62-1.62					

FOREMEN (NOT SPECIFIED), MATTRESSES AND SPRING BEDS.

1868 N. Y.	7	1 M.	60-60-60	4.17-4.17-4.17	1896 Ill.	7	1 M.	60-60-60	3.00-3.00-3.00
1882 Ky.	7	1 M.	59-59-59	1.75-1.75-1.75	1896 Ky.	7	1 M.	59-59-59	2.00-2.00-2.00
1885 Ill.	7	1 M.	60-60-60	3.00-3.00-3.00	1896 Wis.	7	1 M.	60-60-60	2.50-2.50-2.50
1895 N. Y.	7	1 M.	60-60-60	5.00-5.00-5.00					

FOREMEN, MATTRESS MAKERS.

1880 N. Y.	7	1 M.	60-60-60	2.67-2.67-2.67	1893 N. Y.	10	1 M.	60-60-60	3.00-3.00-3.00
1885 Conn.	7	2 M.	60-60-60	1.35-1.75-1.55	1895 Conn.	7	2 M.	60-60-60	1.55-1.65-1.60
1891 N. Y.	333	1 M.	(a)	2.50-2.50-2.50	1895 N. Y.	7	1 M.	60-60-60	2.00-2.00-2.00
1893 Ill.	10	2 M.	48-60-54	2.00-2.00-2.00					

FOREMEN (NOT SPECIFIED), MEAT PACKING.

1883 Mass	273	4 M.	(a)	2.25-2.67-2.48	1895 Ill.	8	7 M.	60-60-60	1.67-4.58-2.96
1887 Kans.	241	1 M.	60-60-60	2.75-2.75-2.75	1895 Mo	304	6 M.	(a)	2.50-3.33-2.81
1887 Wis	409	8 M.	(a)	3.04-3.04-3.04	1896 Mo	305	28 M.	60-72-61	2.00-2.72-2.64
1888 N. Y.	331	4 M.	58-59-59	2.17-2.50-2.25	1896 Ohio	377	1 M.	60-60-60	2.00-2.00-2.00
1888 N. Y.	331	1 M.	58-58-58	b2.00-2.00-2.00	1897 Argentina	148	(a) (a)	(a)	1.50-2.00- —
1889 Canada	471	(a) M.	65-65-65	2.07-2.07-2.07	1897 Australia	428	(a) (a)	(a)	3.24-3.24-3.24
1893 Md.	10	1 M.	60-60-60	2.00-2.00-2.00	1898 Mo	306	18 M.	(a)	2.88-3.83-3.45
1894 Ohio	375	1 M.	60-60-60	1.50-1.50-1.50	1898 Australia	429	(a) (a)	(a)	2.43-4.87- —

FOREMEN, MELTERS, IRON AND STEEL.

1872 N. H	190	1 M.	72-72-72	2.50-2.50-2.50	1883 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1873 N. H	190	1 M.	72-72-72	2.50-2.50-2.50	1884 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1874 N. H	190	1 M.	72-72-72	2.50-2.50-2.50	1885 N. H	190	1 M.	72-72-72	2.25-2.25-2.25
1875 N. H	190	1 M.	72-72-72	2.50-2.50-2.50	1886 N. H	190	1 M.	72-72-72	2.00-2.00-2.00
1876 N. H	190	1 M.	72-72-72	2.10-2.10-2.10	1887 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1877 N. H	190	1 M.	72-72-72	2.25-2.25-2.25	1888 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1878 N. H	190	1 M.	72-72-72	2.25-2.25-2.25	1889 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1879 N. H	190	1 M.	72-72-72	2.25-2.25-2.25	1889 Ohio	5	2 M.	66-66-66	3.00-3.00-3.00
1880 N. H	190	1 M.	72-72-72	2.25-2.25-2.25	1890 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1881 N. H	190	1 M.	72-72-72	2.25-2.25-2.25	1891 N. H	190	1 M.	60-60-60	2.00-2.00-2.00
1882 N. H	190	1 M.	72-72-72	2.25-2.25-2.25					

a Not reported. b And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, METAL SPINNERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	1 M.	60-60-60	3.00-3.00-3.00
1887 Conn.	202	1 M.	(a)	4.00-4.00-4.00
1895 Mass.	7	1 M.	60-60-60	5.00-5.00-5.00
1895 N. Y.	7	1 M.	60-60-60	3.00-3.00-3.00

FOREMEN, MILLINERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 N. Y.	7	2 M.	(a)	3.00-3.33-3.17
1881 France	501	(a) M.	(a)	.91-1.18- —
1882 France	502	(a) M.	(a)	.92-1.18- —
1883 France	503	(a) M.	(a)	.88-1.18- —
1884 France	504	(a) M.	(a)	.87-1.18- —
1885 Wis.	7	3 M.	60-60-60	5.83-6.25-5.97
1888 N. Y.	331	2 M.	(a)	3.33-3.33-3.33
1890 N. Y.	333	1 M.	(a)	2.17-2.17-2.17
1891 N. Y.	333	1 M.	(a)	2.17-2.17-2.17
1891 France	522	(a) (a)	(a)	.86-1.24- —
1896 Wis.	7	6 M.	60-60-60	4.17-6.67-5.42

FOREMEN, MILLWRIGHTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 England	565	(a) (a)	(a)	2.27-2.27-2.27
1889 England	5	(a) M.	57-57-57	3.04-3.04-3.04
1891 N. Y.	333	1 M.	(a)	2.75-2.75-2.75
1892 Pa.	20	1 M.	60-60-60	3.52-3.52-3.52
1893 Pa.	20	1 M.	60-60-60	3.52-3.52-3.52

FOREMEN, MOLDERS, IRON.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1853 Conn.	190	1 M.	60-60-60	1.92-1.92-1.92
1854 Conn.	190	2 M.	60-60-60	2.50-2.50-2.50
1855 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1856 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1857 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1858 Conn.	190	1 M.	60-60-60	2.50-2.50-2.50
1859 Conn.	190	2 M.	60-60-60	2.50-2.88-2.69
1860 Conn.	190	2 M.	60-60-60	2.49-2.88-2.69
1861 Conn.	190	2 M.	60-60-60	2.49-3.00-2.75
1862 Conn.	190	2 M.	60-60-60	3.00-3.00-3.00
1863 Conn.	190	2 M.	60-60-60	3.00-3.00-3.00
1864 Conn.	190	2 M.	60-60-60	3.20-3.50-3.35
1865 Conn.	190	2 M.	60-60-60	4.50-4.79-4.65
1865 N. Y.	190	1 M.	60-60-60	3.33-3.33-3.33
1866 Conn.	190	2 M.	60-60-60	4.00-4.79-4.40
1866 N. Y.	190	2 M.	60-60-60	3.33-3.50-3.42
1867 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1867 N. Y.	190	2 M.	60-60-60	3.50-3.50-3.50
1868 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1868 N. Y.	190	3 M.	60-60-60	3.70-3.83-3.74
1869 Conn.	190	2 M.	60-60-60	5.00-6.39-5.70
1869 N. Y.	190	3 M.	60-60-60	3.70-3.83-3.74
1870 Conn.	190	2 M.	60-60-60	5.00-6.39-5.70
1870 N. Y.	190	3 M.	60-60-60	3.60-3.83-3.68
1871 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1871 N. Y.	190	2 M.	60-60-60	3.33-3.83-3.58
1872 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1872 N. H.	190	2 M.	72-72-72	3.00-5.00-4.00
1872 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1873 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1873 N. H.	190	1 M.	72-72-72	3.00-3.00-3.00
1873 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1874 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1874 N. H.	190	1 M.	72-72-72	3.00-3.00-3.00
1874 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1875 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1875 N. H.	190	1 M.	72-72-72	3.00-3.00-3.00
1875 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1876 Conn.	190	2 M.	60-60-60	4.50-6.39-5.45
1876 N. H.	190	1 M.	72-72-72	2.25-2.25-2.25
1876 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1877 Conn.	190	2 M.	60-60-60	4.00-5.75-4.88
1877 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1877 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1878 Conn.	190	2 M.	60-60-60	4.00-5.18-4.59
1878 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1878 N. Y.	190	1 M.	60-60-60	3.83-3.83-3.83
1879 Conn.	190	2 M.	60-60-60	3.50-4.60-4.05
1879 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1879 N. Y.	190	1 M.	60-60-60	3.83-3.83-3.83
1880 Conn.	190	2 M.	60-60-60	3.50-4.60-4.05
1880 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1880 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1881 Conn.	190	2 M.	60-60-60	3.75-4.79-4.27
1881 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1881 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1881 Ohio	363	1 M.	60-60-60	3.33-3.33-3.33
1882 Conn.	190	2 M.	60-60-60	4.00-5.18-4.59
1882 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1882 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1883 Conn.	190	2 M.	60-60-60	3.00-5.75-4.38
1883 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1883 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1883 Ohio	365	2 M.	60-60-60	3.00-3.75-3.38
1884 Conn.	190	2 M.	60-60-60	3.50-5.75-4.63
1884 Mich.	278	1 M.	(a)	3.25-3.25-3.25
1884 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1884 N. Y.	190	1 M.	60-60-60	4.13-4.13-4.13
1884 Aust-Hun.	178	(a) M.	60-60-60	1.07-1.67- —
1884 England	178	(a) (a)	53-53-53	2.40-2.80- —
1884 Ireland	178	(a) M.	56-56-56	1.82-2.43- —
1884 Spain	178	(a) M.	60-60-60	1.45-2.41- —
1885 Conn.	190	2 M.	60-60-60	3.50-5.18-4.34
1885 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1885 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1886 Conn.	190	2 M.	60-60-60	3.50-5.18-4.34
1886 N. H.	190	1 M.	72-72-72	2.50-2.50-2.50
1886 N. J.	325	1 M.	60-60-60	3.67-3.67-3.67
1886 N. Y.	190	2 M.	60-60-60	3.83-4.13-3.98
1886 Germany	548	(a) (a)	(a)	.63-1.31- —
1887 Conn.	190	2 M.	60-60-60	3.75-5.18-4.47
1887 Conn.	202	7 M.	(a)	4.09-4.65-4.31

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, MOLDERS, IRON—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Md	4	3 M.	(a)	2.75-4.03-3.34	1891 Mo	300	2 M.	(a)	4.61-5.60-5.11
1887 N. H	190	1 M.	60-60-60	2.50-2.50-2.50	1891 N. H	190	3 M.	60-60-60	2.50-3.50-2.83
1887 N. Y	190	2 M.	60-60-60	4.13-5.17-4.65	1891 N. Y	190	3 M.	60-60-60	4.00-5.17-4.43
1888 Conn	190	1 M.	60-60-60	3.75-3.75-3.75	1891 N. Y	333	6 M.	(a)	2.25-4.17-3.03
1888 N. H	190	1 M.	60-60-60	2.50-2.50-2.50	1891 Belgium	457	(a) M.	62-62-62	1.16-1.16-1.16
1888 N. Y	190	2 M.	60-60-60	4.13-5.17-4.65	1892 Conn	190	3 M.	60-60-60	3.75-4.79-4.13
1888 Canada	470	(a) M.	60-60-60	2.75-2.75-2.75	1892 Mass	20	1 M.	60-60-60	4.33-4.33-4.33
1888 Germany	558	(a) (a)	60-60-60	1.51-1.51-1.51	1892 N. Y	190	2 M.	60-60-60	4.00-4.79-4.40
1889 Conn	190	2 M.	60-60-60	3.75-5.18-4.47	1892 Pa	20	2 M.	60-60-60	3.20-3.52-3.36
1889 N. H	190	1 M.	60-60-60	2.50-2.50-2.50	1892 England	119	(a) M.	(a)	2.03-2.83- —
1889 N. Y	190	2 M.	60-60-60	4.13-5.17-4.65	1893 Mass	20	1 M.	60-60-60	4.00-4.00-4.00
1889 Canada	471	(a) M.	58-58-58	2.73-2.82- —	1893 Mont	307	1 M.	54-54-54	6.71-6.71-6.71
1890 Conn	190	3 M.	60-60-60	3.75-5.18-4.25	1893 Pa	20	2 M.	60-60-60	3.20-3.52-3.36
1890 Kans	244	2 M.	(a)	3.75-4.00-3.88	1894 Iowa	236	1 M.	60-60-60	4.00-4.00-4.00
1890 Mich	282	1 M.	60-60-60	3.88-3.88-3.88	1894 N. H	316	1 M.	60-60-60	3.50-3.50-3.50
1890 Minn	292	12 M.	(a)	3.00-4.60-3.17	1894 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1890 N. H	190	1 M.	60-60-60	3.50-3.50-3.50	1894 Pa	20	2 M.	60-60-60	2.40-2.56-2.48
1890 N. Y	190	2 M.	60-60-60	4.13-5.17-4.65	1895 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1890 N. Y	333	3 M.	(a)	2.25-4.00-3.00	1895 Pa	20	4 M.	60-60-60	2.56-3.40-2.87
1891 Conn	190	2 M.	60-60-60	3.75-4.79-4.27	1898 Denmark	493	(a) M.	(a)	1.07-2.14- —

FOREMEN (NOT SPECIFIED), MUSICAL INSTRUMENTS.

1884	Switzerl'd	178	(a)	M.	60-60-60	1.45-1.53- —	1891	N. Y	333	2	M.	(a)	2.00-3.00-2.50
1886	Germany	548	(a)	(a)	(a)	.95-1.19- —	1891	France	505	(a)	M.	60-60-60	b1.06-2.32- —
1890	N. Y	333	2	M.	(a)	2.00-3.00-2.50	1892	France	505	(a)	M.	60-72 —	.87-1.35- —

FOREMEN, NAIL MAKERS.

1813	N. Y	8	1	M.	66-66-66	1.25-1.25-1.25	1876	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00
1841	N. Y	190	1	M.	60-60-60	1.50-1.50-1.50	1876	Pa	381	1	M.	(a)	2.00-2.00-2.00
1843	N. Y	190	1	M.	60-60-60	1.25-1.25-1.25	1877	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00
1854	N. Y	190	1	M.	60-60-60	1.63-1.63-1.63	1878	N. Y	190	1	M.	60-60-60	2.30-2.30-2.30
1858	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1881	Ohio	363	2	M.	(a)	5.61-5.61-5.61
1859	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1884	N. Y	190	1	M.	60-60-60	2.88-2.88-2.88
1860	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1884	Spain	178	(a)	M.	(a)	1.50-1.50-1.50
1861	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1885	Mass	7	1	M.	(a)	3.33-3.33-3.33
1862	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1885	N. Y	190	1	M.	60-60-60	2.88-2.88-2.88
1863	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1885	Va	1	3	M.	60-60-60	3.00-3.00-3.00
1864	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1885	Gr't Brit	1	(a)	M.	60-60-60	2.90-2.90-2.90
1865	N. Y	190	1	M.	60-60-60	1.31-1.31-1.31	1886	Ill	7	2	M.	60-60-60	2.00-3.33-2.67
1866	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1886	N. Y	190	1	M.	60-60-60	2.88-2.88-2.88
1867	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1890	N. Y	333	1	M.	(a)	2.67-2.67-2.67
1868	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1891	N. Y	333	1	M.	(a)	2.67-2.67-2.67
1869	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1892	Ind	227	3	M.	60-60-60	2.58-2.58-2.58
1870	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1892	France	505	(a)	M.	72-72-72	.72-1.93- —
1871	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1895	Conn	8	1	M.	60-60-60	6.66-6.66-6.66
1872	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1895	Mass	7	1	M.	58-58-58	2.25-2.25-2.25
1873	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1895	N. Y	8	1	M.	60-60-60	2.50-2.50-2.50
1874	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1896	Ill	7	2	M.	60-60-60	2.25-4.00-3.13
1874	Pa	380	6	M.	(a)	2.00-5.00-3.33	1896	Ill	8	1	M.	60-60-60	4.00-4.00-4.00
1875	N. Y	190	1	M.	60-60-60	2.00-2.00-2.00	1897	Mass	8	2	M.	60-60-60	3.83-5.00-4.42

FOREMEN (NOT SPECIFIED), NATURAL GAS.

1889	Ind	189	50	(a)	(a)	.77-3.33-2.09	1889	Ohio	189	7	(a)	(a)	1.00-3.00-2.00
1889	N. Y	189	7	(a)	(a)	1.00-2.88-1.61	1889	Pa	189	6	(a)	(a)	1.92-3.26-2.42

a Not reported. b And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, NECKTIE MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ill	7	1	M.	54-54-54	3.33-3.33-3.33
1888 N. Y	331	1	M.	(a)	2.50-2.50-2.50
1890 N. Y	333	1	M.	(a)	5.00-5.00-5.00
1891 N. Y	333	2	M.	(a)	5.00-8.33-6.67
1895 N. Y	7	1	M.	51-51-51	2.67-2.67-2.67
1895 N. Y	8	5	M.	54-54-54	2.00-5.50-4.00
1896 Ill	7	1	M.	54-54-54	3.33-3.33-3.33

FOREMEN (NOT SPECIFIED), NEEDLES AND PINS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1832 England	8	(a)	M.	60-60-60	2.00-2.00-2.00
1844 England	8	(a)	M.	66-66-66	1.66-1.66-1.66
1850 Mass	8	2	M.	60-60-60	2.25-2.25-2.25
1851 Conn	8	2	M.	60-60-60	1.50-1.50-1.50
1853 Conn	8	2	M.	60-60-60	1.50-1.50-1.50
1865 Canada	8	(a)	M.	60-60-60	3.00-3.00-3.00
1875 Conn	8	1	M.	60-60-60	2.50-2.50-2.50
1885 Mass	7	9	M.	60-60-60	2.00-3.00-2.68
1886 Mich	7	1	M.	60-60-60	3.00-3.00-3.00
1891 N. Y	333	1	M.	(a)	2.50-2.50-2.50
1892 France	505	(a)	M.	63-63-63	.97-1.54- —
1895 Conn	8	7	M.	60-60-60	2.50-6.00-3.93
1895 Mass	7	10	M.	58-58-58	1.93-2.90-2.55
1895 Mass	8	7	M.	60-60-60	3.00-3.00-3.00
1895 N. H	8	1	M.	60-60-60	2 75-2.75-2.75
1896 Mich	7	1	M.	58-58-58	3.00-3.00-3.00

FOREMEN, NET AND SEINE MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Md	7	1	M.	60-60-60	4.17-4.17-4.17
1892 France	505	(a)	M.	66-66-66	.65- .65- .65
1894 Mass	8	2	M.	60-60-60	3.50-4.00-3.75
1895 Mass	8	2	M.	57-57-57	5.00-5.00-5.00
1896 Md	7	1	M.	60-60-60	4.00-4.00-4.00

FOREMEN, NICKEL PLATERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Germany	558	(a)	(a)	(a)	1.11-1.79- —
1890 N. Y	333	1	M.	(a)	2.50-2.50-2.50
1891 N. Y	333	1	M.	(a)	2.50-2.50-2.50
1891 France	505	(a)	M.	70-70-70	1.45-1.45-1.45
1894 N. Y	8	1	M.	60-60-60	2.50-2.50-2.50

FOREMEN, NURSERY.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1854 N. Y	190	1	M.	66-66-66	1.60-1.60-1.60
1855 N. Y	190	1	M.	66-66-66	1.60-1.60-1.60
1856 N. Y	190	1	M.	66-66-66	1.60-1.60-1.60
1857 N. Y	190	1	M.	66-66-66	1.75-1.75-1.75
1858 N. Y	190	1	M.	66-66-66	1.75-1.75-1.75
1859 N. Y	190	1	M.	66-66-66	1.75-1.75-1.75
1860 N. Y	190	1	M.	66-66-66	2.10-2.10-2.10
1861 N. Y	190	1	M.	66-66-66	2.10-2.10-2.10
1862 N. Y	190	1	M.	66-66-66	2.10-2.10-2.10
1863 N. Y	190	1	M.	66-66-66	3.20-3.20-3.20
1864 N. Y	190	1	M.	66-66-66	3.20-3.20-3.20
1865 N. Y	190	1	M.	66-66-66	3.20-3.20-3.20
1866 N. Y	190	1	M.	66-66-66	3.85-3.85-3.85
1867 N. Y	190	1	M.	66-66-66	3.85-3.85-3.85
1868 N. Y	190	1	M.	66-66-66	3.85-3.85-3.85
1869 N. Y	190	1	M.	66-66-66	4.17-4.17-4.17
1870 N. Y	190	1	M.	66-66-66	4.17-4.17-4.17
1871 N. Y	190	1	M.	66-66-66	4.17-4.17-4.17
1872 N. Y	190	1	M.	66-66-66	4.17-4.17-4.17
1873 N. Y	190	1	M.	66-66-66	4.17-4.17-4.17
1874 N. Y	190	1	M.	66-66-66	3.53-3.53-3.53
1875 N. Y	190	1	M.	66-66-66	3.53-3.53-3.53
1876 N. Y	190	1	M.	63-63-63	3.53-3.53-3.53
1877 N. Y	190	1	M.	63-63-63	3.20-3.20-3.20
1878 N. Y	190	1	M.	63-63-63	3.00-3.00-3.00
1879 N. Y	190	1	M.	63-63-63	3.00-3.00-3.00
1880 N. Y	190	1	M.	63-63-63	2.56-2.56-2.56
1881 N. Y	190	1	M.	63-63-63	2.56-2.56-2.56
1882 N. Y	190	1	M.	63-63-63	2.56-2.56-2.56
1883 N. Y	190	1	M.	63-63-63	2.56-2.56-2.56
1884 N. Y	190	1	M.	63-63-63	3.20-3.20-3.20
1885 N. Y	190	1	M.	63-63-63	3.20-3.20-3.20
1886 N. Y	190	1	M.	63-63-63	3.20-3.20-3.20
1887 N. Y	190	1	M.	63-63-63	2.30-2.30-2.30
1888 N. Y	190	1	M.	63-63-63	2.30-2.30-2.30
1888 N. Y	331	1	M.	60-60-60	1.92-1.92-1.92
1889 N. Y	190	1	M.	63-63-63	2.30-2.30-2.30
1890 N. Y	190	1	M.	63-63-63	2.30-2.30-2.30
1891 N. Y	190	1	M.	63-63-63	2.30-2.30-2.30

FOREMEN (NOT SPECIFIED), OILCLOTH.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Mass	267	1	M.	48-48-48	3.00-3.00-3.00
1888 N. Y	331	1	M.	(a)	5.00-5.00-5.00
1890 N. Y	333	2	M.	(a)	1.88-2.50-2.19
1891 N. Y	333	2	M.	(a)	1.88-2.50-2.19
1891 Belgium	457	(a)	M.	60-60-60	1.16-1.16-1.16

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, OIL REFINERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Germany	554	(a) (a)	(a)	b0.95-0.95-0.95	1891 France	102	(a) M.	66-66-66	1.27-1.27-1.27
1883 Germany	555	(a) (a)	(a)	.95- .95- .95	1892 Australia	424	(a) M.	(a)	2.43-4.14- —
1885 Pa	1	2 M.	60-60-60	2.86-2.86-2.86	1892 France	505	(a) M.	57-84 —	.65-1.93- —
1886 Scotland	602	(a) M.	(a)	1.30-1.68- —	1892 France	505	(a) M.	74-74-74	b1.59-1.59-1.59
1888 Germany	558	(a) (a)	72-72-72	.70- .75- —	1892 France	505	(a) M.	74-74-74	c.87-1.74- —
1889 Canada	471	(a) M.	60-60-60	2.37-2.37-2.37	1892 France	505	(a) M.	66-66-66	d.97-1.93- —
1890 N. Y.	333	7 M.	(a)	2.68-2.68-2.68	1894 France	129	(a) M.	(a)	1.45-1.54- —
1891 N. Y.	333	7 M.	(a)	2.00-3.00-2.36	1896 Russia	184	(a) M.	(a)	1.00-1.00-1.00
1891 Ohio	372	4 M.	60-72-66	1.75-2.50-2.13					

FOREMEN (NOT SPECIFIED), OPTICAL GOODS.

1885 N. Y.	7	1 M.	60-60-60	2.50-2.50-2.50	1892 France	505	(a) M.	60-69 —	.94-1.93- —
1886 Mich.	7	2 M.	57-57-57	2.85-3.00-2.93	1895 N. Y.	7	1 M.	48-48-48	3.00-3.00-3.00
1886 N. Y.	7	12 M.	(a)	2.25-5.00-3.30	1896 Mich.	7	2 M.	54-54-54	3.69-3.86-3.78
1891 France	505	(a) M.	60-60-60	1.88-2.27- —	1896 N. Y.	7	15 M.	60-60-60	2.25-5.50-3.46
1891 France	505	(a) M.	65-65-65	d1.54-2.32- —					

FOREMEN, PACKERS, GLASS.

1876 Pa	381	1 M.	(a)	2.38-2.38-2.38	1890 Ohio	6	1 M.	60-60-60	4.25-4.25-4.25
1884 W. Va	7	1 M.	60-60-60	1.67-1.67-1.67	1890 Pa	6	3 M.	(a)	3.67-4.85-4.10
1888 N. Y.	331	2 M.	59-59-59	1.75-2.30-2.03	1892 Ohio	373	1 (a)	54-54-54	2.00-2.00-2.00
1890 Cal.	195	1 M.	(a)	3.83-3.83-3.83	1896 Ohio	7	1 M.	60-60-60	3.92-3.92-3.92
1890 N. J	6	1 M.	(a)	1.60-1.60-1.60	1897 Ohio	377	1 M.	60-60-60	2.75-2.75-2.75

FOREMEN, PACKERS, TOBACCO, CIGARS, AND CIGARETTES.

1882 N. C.	7	2 M.	60-60-60	1.33-2.00-1.67	1895 N. Y	7	1 M.	55-55-55	1.83-1.83-1.83
1885 N. Y.	7	1 M.	55-55-55	1.83-1.83-1.83	1895 N. C.	7	2 M.	60-60-60	2.50-2.50-2.50
1886 Mich.	7	1 M.	60-60-60	2.17-2.17-2.17	1895 N. C.	8	1 M.	60-60-60	2.92-2.92-2.92
1890 N. Y	333	1 M.	(a)	2.50-2.50-2.50	1895 Va	8	1 M.	60-60-60	3.00-3.00-3.00
1891 N. Y	333	1 M.	(a)	2.50-2.50-2.50	1896 Md.	7	1 M.	48-48-48	1.83-1.83-1.83
1894 N. Y.	8	1 M.	60-60-60	3.40-3.40-3.40	1896 Mich.	7	1 M.	55-55-55	2.50-2.50-2.50
1895 Md.	8	1 M.	60-60-60	2.17-2.17-2.17	1896 Wis	7	1 M.	48-48-48	3.00-3.00-3.00

FOREMEN, PAINTERS.

1854 Mass	190	1 M.	60-60-60	1.33-1.33-1.33	1871 Del.	190	1 M.	60-60-60	4.00-4.00-4.00
1855 Mass	190	1 M.	60-60-60	1.33-1.33-1.33	1871 Mass	190	2 M.	60-66-63	3.00-3.00-3.00
1856 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1872 Del.	190	1 M.	60-60-60	5.00-5.00-5.00
1857 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1872 Mass	190	2 M.	60-66-63	3.00-3.00-3.00
1858 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1873 Del.	190	1 M.	60-60-60	5.00-5.00-5.00
1859 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1873 Mass	190	2 M.	60-66-63	3.00-3.00-3.00
1860 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1874 Del.	190	1 M.	60-60-60	3.33-3.33-3.33
1861 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1874 Mass	190	3 M.	60-66-62	3.00-3.00-3.00
1862 Mass	190	1 M.	60-60-60	1.50-1.50-1.50	1875 Del.	190	1 M.	60-60-60	3.33-3.33-3.33
1863 Mass	190	1 M.	60-60-60	1.67-1.67-1.67	1875 Mass	190	2 M.	60-60-60	2.73-3.00-2.87
1864 Mass	190	1 M.	60-60-60	1.75-1.75-1.75	1876 Del.	190	1 M.	60-60-60	3.33-3.33-3.33
1865 Mass	190	1 M.	60-60-60	2.25-2.25-2.25	1876 Mass	190	2 M.	60-60-60	2.50-3.00-2.75
1866 Mass	190	1 M.	60-60-60	2.75-2.75-2.75	1877 Del.	190	1 M.	60-60-60	3.33-3.33-3.33
1867 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1877 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1868 Mass	190	2 M.	60-66-63	2.75-2.75-2.75	1878 Del.	190	1 M.	60-60-60	3.33-3.33-3.33
1869 Del.	190	2 M.	60-60-30	4.17-4.17-4.17	1878 Mass	190	2 M.	60-60-60	2.25-2.50-2.38
1869 Mass	190	2 M.	60-66-63	2.75-3.00-2.88	1879 Mass	190	2 M.	60-60-60	2.25-2.50-2.38
1870 Del.	190	1 M.	60-60-60	4.17-4.17-4.17	1879 Br. India	459	(a) (a)	(a)	.15- .15- .15
1870 Mass	190	2 M.	60-66-63	2.75-3.00-2.88	1880 Mass	190	2 M.	60-60-60	2.50-2.50-2.50
1870 Portugal	610	(a) M.	(a)	.30- .53- —	1880 Br. India	459	(a) (a)	(a)	.14- .14- .14

a Not reported.
b And lodging.
c And lodging, fuel, and light.
d And *gratifications.*

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PAINTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881 Del	190	1	M.	60-60-60	3.83-3.83-3.83
1881 Mass	190	2	M.	60-60-60	2.50-2.75-2.63
1881 N. H	7	1	M.	65-65-65	2.90-2.90-2.90
1881 Br. India	459	(a)	(a)	(a)	.13- .13- .13
1882 Del	190	1	M.	60-60-60	3.83-3.83-3.83
1882 Mass	190	2	M.	60-60-60	2.50-2.65-2.58
1882 Mo	294	1	M.	60-60-60	3.50-3.50-3.50
1882 Br. India	459	(a)	(a)	(a)	.18- .18- .18
1883 Del	190	1	M.	60-60-60	3.83-3.83-3.83
1883 Mass	190	2	M.	60-60-60	2.25-2.75-2.50
1883 Mass	273	2	M.	(a)	2.75-4.17-3.46
1883 Ohio	365	3	M.	57-59-58	3.33-6.00-5.06
1883 Br. India	459	(a)	(a)	(a)	.18- .18- .18
1884 Del	190	1	M.	60-60-60	3.33-3.33-3.33
1884 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1884 N. J	323	1	M.	60-60-60	2.68-2.68-2.68
1884 Aust-Hun	178	(a)	M.	60-60-60	1.07-1.27- —
1884 Br. India	459	(a)	(a)	(a)	.18- .18- .18
1884 Italy	178	(a)	M.	(a)	.93- .93- .93
1884 Peru	178	(a)	M.	54-54-54	2.84-2.84-2.84
1884 Russia	178	(a)	M.	(a)	b1.53-1.53-1.53
1885 Del	190	1	M.	60-60-60	3.33-3.33-3.33
1885 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1885 Mich	279	7	M.	(a)	2.50-4.22-3.40
1885 N. Y	7	1	M.	60-60-60	3.00-3.00-3.00
1885 Br. India	459	(a)	(a)	(a)	.17- .17- .17
1886 Del	190	1	M.	60-60-60	3.33-3.33-3.33
1886 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1886 Ohio	368	1	M.	(a)	3.04-3.04-3.04
1886 Br. India	459	(a)	(a)	(a)	.16- .16- .16
1886 Canada	468	(a)	M.	58-58-58	2.23-2.23-2.23
1886 Germany	518	(a)	(a)	(a)	.95-1.19- —
1886 Italy	633	(a)	M.	60-60-60	1.54-1.54-1.54
1887 Conn	4	3	M.	(a)	3.45-3.83-3.59
1887 Del	4	1	M.	(a)	2.49-2.49-2.49
1887 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1887 Fla	4	1	M.	(a)	3.00-3.00-3.00
1887 Md	4	15	M.	(a)	1.65-3.00-2.52
1887 Mass	4	8	M.	(a)	2.15-3.45-2.98
1887 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1887 Mo	4	3	M.	(a)	2.40-4.22-3.12
1887 N. J	4	3	M.	(a)	2.49-3.41-2.93
1887 N. Y	4	7	M.	(a)	2.00-3.45-2.67
1887 Oregon	4	1	M.	(a)	5.75-5.75-5.75
1887 Pa	4	22	M.	c60-60-60	2.00-3.45-2.70
1887 R. I	4	1	M.	(a)	3.00-3.00-3.00
1887 Va	4	2	M.	(a)	2.25-2.25-2.25
1887 Wis	4	5	M.	(a)	2.00-3.45-2.54
1887 Wis	409	2	M.	(a)	2.50-2.50-2.50
1887 Br. India	459	(a)	(a)	(a)	.16- .16- .16
1887 Germany	557	(a)	(a)	36-54 —	1.67-1.67-1.67
1888 Colo	198	2	M.	(a)	3.13-3.13-3.13
1888 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1888 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1888 N. Y	331	1	M.	(a)	2.00-2.00-2.00
1888 Br. India	459	(a)	(a)	(a)	0.15-0.15-0.15
1888 Canada	470	(a)	M.	60-60-60	2.31-2.31-2.31
1889 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1889 Mass	190	1	M.	60-60-60	2.65-2.65-2.65
1889 Br. India	459	(a)	(a)	(a)	.15- .15- .15
1889 Canada	471	(a)	M.	59-60 —	2.28-2.50- —
1890 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1890 Kans	244	4	M.	(a)	3.00-4.00-3.25
1890 Mass	190	1	M.	60-60-60	2.75-2.75-2.75
1890 Mich	282	4	M.	60-60-60	1.75-3.20-2.55
1890 Minn	292	8	M.	(a)	2.75-2.85-2.76
1890 N. Y	333	1	M.	(a)	3.00-3.00-3.00
1890 Br. India	459	(a)	(a)	(a)	.19- .19- .19
1891 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1891 Mass	190	1	M.	60-60-60	2.75-2.75-2.75
1891 Mo	300	6	M.	(a)	3.33-4.28-3.84
1891 N. Y	333	2	M.	(a)	3.00-3.00-3.00
1891 Br. India	459	(a)	(a)	(a)	.16- .16- .16
1892 Cal	196	4	M.	d48-48-48	4.00-6.00-4.75
1892 Del	20	1	M.	60-60-60	3.83-3.83-3.83
1892 Del	190	1	M.	60-60-60	3.00-3.00-3.00
1892 Mass	20	2	M.	60-60-60	2.10-2.75-2.43
1892 Mass	190	1	M.	58-58-58	2.66-2.66-2.66
1892 Br. India	459	(a)	(a)	(a)	.14- .14- .14
1892 England	111	(a)	M.	(a)	1.62-2.03- —
1892 France	505	(a)	M.	60-63 —	1.16-1.45- —
1893 Del	20	1	M.	60-60-60	4.17-4.17-4.17
1893 Mass	20	2	M.	58-60-59	2.10-2.75-2.43
1893 Mich	285	2	M.	60-60-60	3.50-3.83-3.67
1893 Br. India	459	(a)	(a)	(a)	.13- .13- .13
1894 Del	20	1	M.	60-60-60	4.17-4.17-4.17
1894 Iowa	236	2	M.	48-60-54	2.50-2.50-2.50
1894 Mass	20	2	M.	58-60-59	1.80-2.75-2.28
1894 N. Y	8	5	M.	60-60-60	2.00-3.00-2.45
1894 Ohio	374	1	M.	(a)	4.50-4.50-4.50
1894 Br. India	459	(a)	(a)	(a)	.10- .10- .10
1894 Spain	632	(a)	(a)	(a)	.48- .97- —
1895 Del	20	1	M.	60-60-60	4.17-4.17-4.17
1895 Me	7	1	M.	60-60-60	2.50-2.50-2.50
1895 Mass	20	1	M.	60-60-60	1.80-1.80-1.80
1895 N. H	7	1	M.	60-60-60	2.75-2.75-2.75
1895 N. Y	7	1	M.	60-60-60	3.33-3.33-3.33
1895 N. Y	8	3	M.	60-60-60	3.00-4.00-3.67
1895 Br. India	459	(a)	(a)	(a)	.10- .10- .10
1895 France	513	(a)	M.	(a)	2.22-2.22-2.22
1896 Mass	14	69	M.	45-56-48	2.56-3.00-2.69
1896 N. H	7	1	M.	60-60-60	1.90-1.90-1.90
1896 N. Y	8	1	M.	60-60-60	4.17-4.17-4.17
1896 Pa	14	25	M.	54-54-54	3.51-4.01-3.57
1896 Germany	560	(a)	M.	(a)	1.19-1.19-1.19
1896 Mexico	184	(a)	M.	(a)	.50-1.02- —
1898 Kans	252	1	M.	60-60-60	3.83-3.83-3.83
1898 Pa	18	1	M.	(a)	5.00-5.00-5.00
1898 Denmark	493	(a)	M.	(a)	1.07-1.61- —

FOREMEN (NOT SPECIFIED), PAINTS AND VARNISHES.

1884 Ohio	366	19	M.	(a)	2.25-5.83-3.67
1885 Mich	7	1	M.	60-60-60	3.00-3.00-3.00
1888 N. Y	331	3	M.	50-59-53	3.00-5.83-4.89
1890 N. Y	333	6	M.	(a)	2.75-8.33-5.73
1891 N. Y	333	7	M.	(a)	2.75-8.33-5.86
1891 Ohio	372	2	M.	60-60-60	1.75-2.50-2.13
1891 France	505	(a)	M.	66-66-66	1.54-1.54-1.54
1891 France	505	(a)	M.	66-66-66	e2.32-2.32-2.32
1892 Australia	424	(a)	M.	(a)	2.03-2.03-2.03
1894 Australia	425	(a)	(a)	(a)	2.03-2.03-2.03
1895 Australia	426	(a)	(a)	(a)	2.03-2.03-2.03
1896 Ga	8	1	M.	60-60-60	4.17-4.17-4.17
1896 Mich	7	1	M.	60-60-60	4.01-4.01-4.01
1896 N. Y	8	1	M.	59-59-59	5.00-5.00-5.00
1896 Australia	427	(a)	(a)	(a)	2.03-2.03-2 03
1898 Mo	306	12	M.	(a)	2.88-9.58-6.30

a Not reported.
b And lodging.
c Not including hours of 20 persons not reported.
d Not including hours of 3 persons not reported.
e And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 England	565	(a) M.	(a)	1.22-1.22-1.22
1866 Scotland	566	(a) M.	(a)	.83- .83- .83
1868 Germany	610	(a) M.	36-72 —	.34- .51- —
1869 Russia	185	(a) (a)	(a)	.37- .44- —
1871 Italy	610	(a) (a)	(a)	.58- .58- .58
1873 Pa	381	1 M.	(a)	3.00-3.00-3.00
1876 N. H	7	1 M.	66-66-66	2.70-2.70-2.70
1877 Ohio	359	10 M.	(a)	2.00-6.42-3.66
1878 Conn	7	1 M.	72-72-72	2.75-2.75-2.75
1878 Ohio	361	43 M.	(a)	2.00-5.77-3.15
1879 Pa	384	3 M.	(a)	2.50-4.00-3.00
1880 Ohio	362	39 M.	(a)	1.75-5.67-3.38
1881 Ohio	363	4 M.	b72-72-72	3.00-5.00-4.02
1881 France	501	(a) M.	(a)	.75-1.33- —
1882 Ohio	364	32 M.	c60-72-67	1.75-6.00-3.16
1882 France	502	(a) M.	(a)	.76-1.33- —
1883 Ohio	365	4 M.	(a)	2.50-3.85-3.14
1883 France	503	(a) M.	(a)	.76-1.39- —
1884 Mich	278	11 M.	(a)	1.25-6.40-2.86
1884 Ohio	366	38 M.	d84-84-84	2.00-6.67-3.90
1884 Pa	7	1 M.	60-60-60	2.50-2.50-2.50
1884 Aust-Hun	178	(a) M.	69-69-69	.68-1.33- —
1884 Belgium	178	(a) M.	(a)	.48- .64- —
1884 France	504	(a) M.	(a)	.76-1.43- —
1884 Italy	178	(a) M.	60-60-60	.48- .67- —
1885 Cal	1	2 M.	72-72-72	3.00-3.00-3.00
1885 Del	1	6 M.	72-72-72	1.90-4.00-3.25
1885 Me	1	22 M.	72-72-72	1.35-4.00-1.59
1885 Me	7	2 M.	(a)	3.19-3.50-3.35
1885 Mass	1	14 M.	72-72-72	1.50-4.50-2.32
1885 Mass	7	3 M.	60-60-60	2.00-3.00-2.33
1885 N. H	1	10 M.	72-72-72	2.25-3.00-2.70
1885 N. H	7	1 M.	(a)	2.50-2.50-2.50
1885 Vt	1	8 M.	72-72-72	3.00-3.00-3.00
1885 Canada	467	(a) M.	60-60-60	2.10-2.10-2.10
1885 Germany	547	(a) M.	(a)	1.19-1.19-1.19
1886 Canada	468	(a) M.	60-60-60	2.37-2.37-2.37
1886 Germany	184	(a) M.	(a)	1.51-1.51-1.51
1887 Conn	202	3 M.	(a)	3.35-3.35-3.35
1887 Wis	409	27 M.	(a)	3.97-3.97-3.97
1887 Canada	469	(a) M.	54-54-54	2.45-2.46- —
1888 N. Y	331	2 M.	e60-60-60	3.00-4.00-3.50
1888 Canada	470	(a) M.	59-59-59	2.30-2.30-2.30
1889 Canada	471	(a) M.	58-58-58	2.69-2.69-2.69
1890 N. Y	333	43 M.	(a)	1.63-7.99-3.01
1890 Ohio	371	6 (a)	60-60-60	1.50-2.00-1.61
1891 Me	257	1 M.	72-72-72	3.33-3.33-3.33
1891 N. Y	333	44 M.	(a)	1.63-7.99-3.05
1891 Ohio	372	3 M.	60-60-60	2.67-4.00-3.11
1891 France	522	(a) (a)	(a)	.76-1.34- —
1892 Mass	20	5 M.	(a)	4.00-4.00-4.00
1892 France	505	(a) M.	60-84 —	.58-3.18- —
1892 France	505	(a) M.	84-84-84	f.77-1.58- —
1892 France	505	(a) M.	66-74 —	g1.06-2.78- —
1892 France	505	(a) M.	74-77 —	h.63-3.52- —
1892 Germany	184	(a) M.	(a)	1.79-1.79-1.79
1893 Mass	20	5 M.	(a)	4.00-4.00-4.00
1893 Ohio	374	25 M.	72-72-72	1.55-1.60-1.67
1894 Mass	20	6 M.	(a)	4.00-5.00-4.17
1895 Conn	7	2 M.	72-72-72	2.00-5.00-3.50
1895 Me	7	11 M.	60-60-60	1.83-3.85-2.80
1895 Mass	7	4 M.	58-60-60	1.83-3.85-2.55
1895 Mass	20	6 M.	(a)	4.00-5.00-4.17
1895 N. H	7	6 M.	60-66-61	2.00-5.17-3.50
1895 N. J	7	1 M.	59-59-59	3.00-3.00-3.00
1895 N. Y	8	1 M.	60-60-60	4.17-4.17-4.17
1896 Pa	7	2 M.	60-60-60	2.33-2.50-2.42
1897 Pa	395	2 M.	(a)	1.57-1.80-1.69
1897 France	511	(a) M.	72-72-72	.82- .86- —
1898 Denmark	493	(a) M.	(a)	.84-1.31- —

FOREMEN (NOT SPECIFIED), PAPER PRODUCTS.

1857	N. Y	8	2	M.	60-60-60	2.00-2.00-2.00	1892	Australia	424	(a)	M.	(a)	1.22-2.43- —
1868	Germany	610	(a)	M.	72-72-72	.73- .73- .73	1892	France	505	(a)	M.	54-77 —	.48-1.64- —
1874	Mass	7	1	M.	60-60-60	2.50-2.50-2.50	1894	Ind	228	3	M.	60-60-60	3.33-3.33-3.33
1880	N. Y	7	1	M.	(a)	2.00-2.00-2.00	1894	Australia	425	(a)	(a)	(a)	1.46-3.24- —
1883	Mo	7	1	M.	(a)	3.00-3.00-3.00	1895	Conn	7	1	M.	59-59-59	3.00-3.00-3.00
1884	Pa	7	4	M.	60-60-60	2.00-3.00-2.50	1895	Mass	7	5	M.	55-60-58	2.25-4.01-3.10
1884	R. I	7	1	M.	(a)	2.83-2.83-2.83	1895	Mo	7	1	M.	60-60-60	3.00-3.00-3.00
1884	Germany	556	(a)	(a)	66-66-66	1.25-1.25-1.25	1895	N. Y	7	1	M.	60-60-60	2.67-2.67-2.67
1885	Conn	7	2	M.	59-59-59	2.75-3.00-2.88	1895	R. I	7	1	M.	60-60-60	3.00-3.00-3.00
1885	Mass	1	5	M.	60-60-60	1.40-2.50-1.84	1895	Australia	426	(a)	(a)	(a)	1.46-3.24- —
1885	Mass	7	2	M.	60-60-60	3.00-3.75-3.38	1896	Conn	8	5	M.	60-60-60	1.75-5.00-2.79
1886	Germany	548	(a)	(a)	(a)	1.19-1.19-1.19	1896	Ill	7	1	M.	54-54-54	3.00-3.00-3.00
1887	Germany	557	(a)	(a)	i54-60 —	.40-2.66- —	1896	N. Y	8	3	M.	60-60-60	2.50-6.00-4.83
1888	N. Y	331	2	M.	e59-59-59	2.67-3.17-2.92	1896	Pa	7	5	M.	60-60-60	1.83-4.00-2.83
1888	Canada	470	(a)	M.	56-56-56	4.38-4.38-4.38	1896	Pa	8	5	M.	60-60-60	2.67-2.67-2.67
1888	Germany	558	(a)	(a)	54-63 —	.68-2.81- —	1896	R. I	7	1	M.	60-60-60	3.00-3.00-3.00
1890	N. Y	333	21	M.	(a)	1.50-3.00-2.43	1896	Australia	427	(a)	(a)	(a)	1.46-1.62- —
1891	N. Y	333	22	M.	(a)	2.00-3.00-2.53	1897	N. Y	8	2	M.	60-60-60	3.00-3.00-3.00
1891	France	505	(a)	M.	54-66 —	1.35-2.90- —	1897	Pa	8	1	M.	60-60-60	2.50-2.50-2.50
1891	France	505	(a)	M.	66-66-66	f1.61-1.61-1.61	1897	Australia	428	(a)	(a)	(a)	2.03-2.23- —
1891	France	505	(a)	M.	60-60-60	f1.54-1.54-1.54	1898	Australia	429	(a)	(a)	(a)	2.03-2.23- —

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 37 persons not reported.
e Not including hours of 1 person not reported.
f And lodging.
g And lodging and fuel.
h And lodging, fuel, and light.
i Applies to but 17 of the 18 wage quotations.
j And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PATTERN MAKERS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1864 N. Y.	190	1 M.	60-60-60	3.00-3.00-3.00
1865 Conn.	190	1 M.	60-60-60	3.83-3.83-3.83
1865 N. Y.	190	1 M.	60-60-60	3.25-3.25-3.25
1866 Conn.	190	1 M.	60-60-60	3.83-3.83-3.83
1866 N. Y.	190	1 M.	60-60-60	3.75-3.75-3.75
1867 Conn.	190	1 M.	60-60-60	3.83-3.83-3.83
1867 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1868 Conn.	190	1 M.	60-60-60	3.83-3.83-3.83
1868 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1869 Conn.	190	1 M.	60-60-60	4.13-4.13-4.13
1869 Mass.	190	1 M.	60-60-60	3.50-3.50-3.50
1869 N. Y.	190	1 M.	60-60-60	4.50-4.50-4.50
1870 Conn.	190	1 M.	60-60-60	4.13-4.13-4.13
1870 Mass.	190	1 M.	60-60-60	3.50-3.50-3.50
1870 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1871 Conn.	190	1 M.	60-60-60	4.79-4.79-4.79
1871 Mass.	190	1 M.	60-60-60	3.50-3.50-3.50
1871 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1872 Conn.	190	1 M.	60-60-60	4.79-4.79-4.79
1872 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1872 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1873 Conn.	190	1 M.	60-60-60	5.75-5.75-5.75
1873 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1873 N. Y.	190	1 M.	60-60-60	4.00-4.00-4.00
1874 Conn.	190	1 M.	60-60-60	5.75-5.75-5.75
1874 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1874 N. Y.	190	1 M.	60-60-60	4.50-4.50-4.50
1874 Pa.	380	1 M.	(a)	3.00-3.00-3.00
1875 Conn.	190	1 M.	60-60-60	5.75-5.75-5.75
1875 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1875 N. Y.	190	1 M.	60-60-60	4.50-4.50-4.50
1876 Conn.	190	1 M.	60-60-60	5.75-5.75-5.75
1876 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1876 N. Y.	190	1 M.	60-60-60	4.50-4.50-4.50
1877 Conn.	190	1 M.	60-60-60	5.18-5.18-5.18
1877 Mass.	190	2 M.	60-60-60	3.75-3.75-3.75
1877 N. Y.	190	1 M.	60-60-60	4.50-4.50-4.50
1878 Conn.	190	1 M.	60-60-60	4.60-4.60-4.60
1878 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1878 N. Y.	190	1 M.	60-60-60	5.00-5.00-5.00
1879 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20
1879 Mass.	190	1 M.	60-60-60	3.75-3.75-3.75
1879 N. Y.	190	1 M.	60-60-60	5.00-5.00-5.00
1880 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20
1880 Mass.	190	1 M.	60-60-60	3.50-3.50-3.50
1880 N. Y.	190	1 M.	60-60-60	5.00-5.00-5.00
1881 Conn.	190	1 M.	60-60-60	3.20-3.20-3.20
1881 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1881 N. Y.	190	2 M.	60-60-60	3.50-5.00-4.25
1882 Conn.	190	1 M.	60-60-60	3.84-3.84-3.84
1882 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1882 N. Y.	190	2 M.	60-60-60	3.50-5.00-4.25
1883 Conn.	190	1 M.	60-60-60	3.84-3.84-3.84
1883 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1883 Mass.	273	1 M.	(a)	3.25-3.25-3.25
1883 N. Y.	190	2 M.	60-60-60	4.00-5.00-4.50
1884 Conn.	190	1 M.	60-60-60	3.84-3.84-3.84
1884 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1884 N. J.	323	1 M.	60-60-60	2.75-2.75-2.75
1884 N. Y.	190	2 M.	60-60-60	4.00-5.00-4.50
1884 England	178	(a) (a)	53-53-53	2.40-2.40-2.40
1884 Russia	178	(a) M.	(a)	1.84-1.84-1.84
1884 Spain	178	(a) M.	57-60 —	1.45-1.93- —
1885 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1885 N. Y.	190	3 M.	b 60-60-60	3.50-5.00-4.17
1886 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1886 N. Y.	190	3 M.	b 60-60-60	3.50-5.00-4.17
1887 Conn.	202	3 M.	(a)	4.00-5.68-4.91
1887 Md.	4	3 M.	(a)	2.75-3.50-3.08
1887 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1887 N. Y.	190	3 M.	b 60-60-60	3.50-5.00-4.17
1888 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1888 N. Y.	190	3 M.	b 60-60-60	4.00-5.00-4.33
1888 Canada	470	(a) M.	60-60-60	2.84-2.84-2.84
1889 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1889 N. Y.	190	3 M.	b 60-60-60	4.00-5.00-4.39
1890 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1890 Mich.	282	3 M.	60-60-60	1.50-3.00-2.33
1890 Minn.	292	4 M.	(a)	3.00-3.50-3.13
1890 N. Y.	190	3 M.	b 60-60-60	4.00-5.00-4.39
1891 Mass.	190	1 M.	60-60-60	3.00-3.00-3.00
1891 Mo.	300	2 M.	(a)	3.00-4.00-3.50
1891 N. Y.	190	3 M.	b 60-60-60	4.00-5.00-4.39
1891 N. Y.	333	2 M.	(a)	3.75-4.17-3.96
1891 Belgium	457	(a) M.	62-62-62	1.06-1.06-1.06
1892 Mass.	20	2 M.	60-60-60	3.00-3.75-3.38
1892 Mass.	190	1 M.	60-60-60	3.25-3.25-3.25
1892 N. Y.	20	1 M.	60-60-60	4.00-4.00-4.00
1892 N. Y.	190	3 M.	60-60-60	4.00-4.79-4.32
1892 Pa.	20	1 M.	60-60-60	5.00-5.00-5.00
1893 Mass.	20	2 M.	60-60-60	3.25-3.75-3.50
1893 N. Y.	20	1 M.	60-60-60	4.00-4.00-4.00
1893 Pa.	20	1 M.	60-60-60	5.00-5.00-5.00
1894 Mass.	20	2 M.	60-60-60	2.75-3.00-2.88
1894 N. H.	316	1 M.	60-60-60	3.67-3.67-3.67
1894 N. Y.	8	2 M.	60-60-60	2.50-2.50-2.50
1894 N. Y.	20	1 M.	60-60-60	4.00-4.00-4.00
1894 Pa.	20	1 M.	60-60-60	4.00-4.00-4.00
1895 Mass.	20	2 M.	60-60-60	2.75-3.25-3.00
1895 N. Y.	20	1 M.	60-60-60	4.00-4.00-4.00
1895 Pa.	20	1 M.	60-60-60	4.60-4.60-4.60

FOREMEN, PAVERS.

1887	N. Y.	4	5	M.	(a)	2.30-2.30-2.30	1896	Nebr.	314	3 M. 60-60-60 4.00-4.00-4.00
1895	France	513	(a)	M.	(a)	1.48-1.48-1.48	1896	Aust-Hun.	436	(a) (a) 60-60-60 .69- .69- .69
1896	Mass.	14	10	M.	54-54-54	4.01-5.00-4.60				

FOREMEN, PERFUMERY MAKERS.

1885	N. J.	7	1	M.	60-60-60	2.17-2.17-2.17	1891	France	505	(a) M. 60-60-60 1.64-1.64-1.64
1886	Mich.	7	1	M.	60-60-60	4.17-4.17-4.17	1895	N. J.	7	1 M. 55-55-55 2.83-2.83-2.83
1886	N. Y.	7	1	M.	60-60-60	2.00-2.00-2.00	1895	N. Y.	7	1 M. 52-52-52 2.67-2.67-2.67
1890	N. Y.	333	3	M.	(a)	2.50-3.00-2.72	1896	Mich.	7	1 M. 54-54-54 5.83-5.83-5.83
1891	N. Y.	333	1	M.	(a)	3.00-3.00-3.00				

a Not reported.

b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), PETROLEUM PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	13 M.	58-72-67	1.67-3.50-2.44	1891 Ohio	372	14 M.	60-60-60	3.41-3.41-3.41
1890 N. Y.	333	46 M.	(a)	2.00-8.33-3.10	1891 France	505	(a) M.	77-77-77	1.45-1.54- —
1890 Ohio	371	1 (a)	60-60-60	3.00-3.00-3.00	1894 Australia	425	(a) (a)	(a)	2.43-4.06- —
1891 N. Y.	333	58 M.	(a)	2.00-8.33-2.94	1895 Australia	426	(a) (a)	(a)	2.43-4.06- —

FOREMEN (NOT SPECIFIED), PHOSPHATE MINING.

1891 Fla.	9	23 M.	55-60-60	1.34-2.49-1.78	1892 S. C.	9	9 M.	60-60-60	2.91-2.91-2.91
1891 S. C.	9	6 M.	b 60-60-60	1.25-4.17-2.47	1892 France	505	(a) M.	63-72 —	.97-1.16- —
1892 Fla.	9	133 M.	50-66-61	1.25-3.26-1.97					

FOREMEN (NOT SPECIFIED), PIANOS AND ORGANS.

1879 Ohio	361	3 M.	(a)	3.00-3.00-3.00	1888 Germany	558	(a) (a)	54-63 —	1.14-2.28- —
1884 N. J.	323	2 M.	60-60-60	2.55-3.83-3.19	1889 Canada	471	(a) M.	59-59-59	2.69-2.82- —
1884 Ohio	366	12 M.	(a)	2.50-3.33-2.99	1889 Germany	550	(a) M.	(a)	.95-1.43- —
1885 Me.	1	1 M.	60-60-60	2.00-2.00-2.00	1891 N. Y.	333	3 M.	(a)	3.33-4.25-3.94
1885 N. Y.	1	73 M.	60-60-60	2.00-6.66-3.37	1891 Ohio	372	23 M.	60-60-60	3.00-5.00-4.74
1885 Germany	547	(a) M.	(a)	1.43-1.90- —	1891 France	505	(a) M.	60-70 —	1.74-3.09- —
1886 Germany	548	(a) (a)	(a)	1.14-2.28- —	1893 N. Y.	10	1 M.	59-59-59	2.83-2.83-2.83
1887 Germany	557	(a) (a)	57-69 —	.83-2.38- —	1894 France	129	(a) M.	60-60-60	1.74-3.09- —
1888 Canada	470	(a) M.	55-60 —	2.98-3.17- —	1898 Denmark	493	(a) M.	(a)	1.34-2.68- —

FOREMEN, PICTURE FRAME MAKERS.

1884 Mich.	278	8 M.	(a)	2.50-3.50-2.75	1890 Ohio	371	2 (a)	60-60-60	3.00-3.00-3.00
1884 Ohio	366	22 M.	(a)	2.33-3.25-2.76	1893 N. Y.	10	1 M.	59-59-59	1.33-1.33-1.33
1887 Germany	557	(a) (a)	57-57-57	.95-1.43- —	1895 N. Y.	8	1 M.	60-60-60	3.00-3.00-3.00
1888 Germany	558	(a) (a)	60-60-60	.95-1.43- —	1895 N. C.	8	1 M.	60-60-60	2.25-2.25-2.25
1890 N. Y.	333	1 M.	(a)	2.17-2.17-2.17					

FOREMEN, PILE DRIVERS.

1887 Conn	4	1 M.	(a)	2.50-2.50-2.50	1887 Wis	4	1 M.	(a)	2.50-2.50-2.50
1887 Md.	4	2 M.	(a)	2.00-2.50-2.25	1898 Nebr	314	1 (a)	60-60-60	2.88-2.88-2.88
1887 Pa	4	2 M.	(a)	2.50-2.50-2.50					

FOREMEN, PIPE FITTERS.

1884 Germany	178	(a) M.	72-72-72	.82-1.15- —	1890 Ohio	371	1 (a)	60-60-60	3.00-3.00-3.00
1888 N. Y.	331	1 M.	58-58-58	2.50-2.50-2.50	1891 N. Y.	333	1 M.	(a)	4.17-4.17-4.17
1890 N. Y.	333	1 M.	(a)	4.17-4.17-4.17					

FOREMEN, PITMEN, IRON AND STEEL.

1876 Pa	381	1 M.	(a)	4.00-4.00-4.00	1889 England	5	(a) M.	66-66-66	.99- .99- .99
1888 W. Va	5	2 M.	66-66-66	3.96-3.96-3.96	1898 Pa	18	2 M.	(a)	1.75-1.75-1.75
1889 Ohio	5	3 M.	(a)	4.45-4.86-4.61	1899 Pa	18	2 M.	(a)	2.85-2.85-2.85
1889 W. Va	5	2 M.	66-66-66	4.72-4.72-4.72					

a Not reported. b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PLANING MILL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Pa	381	3 M.	(a)	2.88-4.79-3.56	1891 Ohio	372	4 M.	60-60-60	2.00-3.00-2.75
1879 Mo	293	1 M.	(a)	3.50-3.50-3.50	1892 Ind	227	6 M.	60-60-60	3.47-3.47-3.47
1879 Ohio	361	69 M.	(a)	2.38-2.38-2.38	1893 Mont	307	5 M.	60-60-60	5.56-5.56-5.56
1881 Ohio	363	10 M.	60-60-60	2.00-4.50-3.73	1894 Ind	228	7 M.	48-51-51	2.00-2.68-2.58
1883 Ohio	365	7 M.	48-60-58	1.75-3.00-2.37	1894 Iowa	236	1 M.	60-60-60	2.50-2.50-2.50
1884 Mich	278	1 M.	(a)	2.75-2.75-2.75	1894 Australia	425	(a) (a)	(a)	2.43-2.92- —
1884 Ohio	366	220 M.	(a)	1.33-5.33-2.69	1895 Australia	426	(a) (a)	(a)	2.43-2.92- —
1887 Pa	4	2 M.	(a)	2.68-2.88-2.78	1896 Mo	305	17 M.	48-60-58	2.00-4.50-3.18
1887 Wis	409	1 M.	(a)	2.00-2.00-2.00	1896 Australia	427	(a) (a)	(a)	2.43-2.92- —
1890 N. Y	333	4 M.	(a)	2.00-3.50-2.75	1897 Australia	428	(a) (a)	(a)	2.43-2.92- —
1890 Ohio	371	1 (a)	60-60-60	2.00-2.00-2.00	1898 Mo	306	19 M.	(a)	2.88-5.75-3.84
1891 Mo	300	1 M.	(a)	3.12-3.12-3.12	1898 Australia	429	(a) (a)	(a)	2.43-3.24- —
1891 N. Y	333	5 M.	(a)	2.00-3.50-2.70					

FOREMEN (NOT SPECIFIED), PLATED WARE.

1881 Mass	7	2 M.	60-60-60	3.50-4.00-3.75	1890 N. Y	333	1 M.	(a)	4.00-4.00-4.00
1884 Ohio	366	9 M.	(a)	2.50-4.17-2.98	1891 N. Y	333	1 M.	(a)	4.00-4.00-4.00
1885 N. Y	7	2 M.	60-60-60	2.00-2.50-2.25	1891 Ohio	372	2 M.	60-60-60	2.50-2.50-2.50
1887 Conn	202	15 M.	(a)	3.41-3.41-3.41	1895 Mass	7	4 M.	60-60-60	2.50-4.00-3.63
1888 Germany	558	(a) (a)	(a)	1.59-1.59-1.59	1896 N. Y	7	2 M.	60-60-60	2.00-2.50-2.25

FOREMEN, PLATERS, METAL.

1881 Ohio	7	1 M.	60-60-60	3.33-3.33-3.33	1894 Mass	20	1 M.	60-60-60	3.65-3.65-3.65
1887 Conn	202	3 M.	(a)	4.24-4.24-4.24	1895 Mass	7	1 M.	60-60-60	5.00-5.00-5.00
1887 Germany	557	(a) (a)	60-60-60	1.60-1.60-1.60	1895 Mass	20	1 M.	60-60-60	3.65-3.65-3.65
1892 Mass	20	1 M.	60-60-60	3.25-3.25-3.25	1895 N. Y	7	1 M.	60-60-60	3.00-3.00-3.00
1893 Mass	20	1 M.	60-60-60	4.50-4.50-4.50	1896 Ohio	7	1 M.	60-60 60	3.33-3.33-3.33

FOREMEN, PLOW MAKERS.

1884 Ohio	366	11 M.	(a)	2.00-4.17-2.77	1885 Ky	1	3 M.	60-60-60	3.00-3.00-3.00
1885 Ill	1	7 M.	60-60-60	2.50-3.50-3.00	1885 Ohio	1	2 M.	60-60-60	2.50-4.00-3.25
1885 Ind	1	16 M.	60-60-60	1.65-3.00-2.38					

FOREMEN, PLUMBERS.

(b) England	562	(a) M.	(a)	1.62-1.62-1.62	1892 Cal	196	4 M.	(a)	5.00-5.50-5.25
1887 Wis	409	4 M.	(a)	3.19-3.19-3.19	1892 England	111	(a) M.	(a)	1.62-2.03- —
1887 Canada	469	(a) M.	55-60 —	2.29-2.34- —	1892 France	505	(a) M.	60-60-60	1.16-1.47- —
1888 Canada	470	(a) M.	57-57-57	2.88-2.88-2.88	1892 France	505	(a) M.	70-70-70	c1.26-1.26-1.26
1890 Netherl'ds	666	(a) M.	(a)	1.01-1.01-1.01					

FOREMEN, POCKETBOOK MAKERS.

1876 Pa	8	2 M.	60-60-60	2.67-2.67-2.67	1891 N. Y	333	2 M.	(a)	3.00-3.00-3.00
1877 Pa	8	1 M.	60-60-60	2.67-2.67-2.67	1891 France	505	(a) M.	60-60-60	2.32-2.32-2.32
1878 Pa	8	1 M.	60-60-60	2.67-2.67-2.67	1895 N. Y	7	1 M.	59-59-59	5.83-5.83-5.83
1880 Pa	8	1 M.	60-60-60	3.00-3.00-3.00	1896 Pa	8	5 M.	60-60-60	2.50-2.67-2.57
1885 N. Y	7	1 M.	59-59-59	5.00-5.00-5.00					

a Not reported.
b Average for 1856–58.
c And lodging, fuel, and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PORTERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Ireland	563	(a) (a)	(a)	0.49-0.49-0.49
1870 England	177	(a) M.	(a)	.62- .75- —
1878 England	177	(a) M.	(a)	.75- .94- —
1878 France	177	(a) M.	(a)	.71-1.32- —
1878 Ireland	177	(a) M.	(a)	.59- .69- —
1884 England	178	(a) M.	(a)	0.66-0.89- —
1884 France	178	(a) M.	(a)	.79-1.11- —
1884 Venezuela	178	(a) (a)	(a)	1.64-1.64-1.64
1884 Wales	178	(a) M.	(a)	.85-1.09- —

FOREMEN (NOT SPECIFIED), POTTERY PRODUCTS.

1860	Ohio	361	1	M.	(a)	3.00-3.00-3.00	1888	Germany	558	(a)	(a)	f66-66-66	.91-1.67- —
1868	Germany	610	(a)	M.	72-72-72	.97- .97- .97	1889	Germany	550	(a)	M.	(a)	1.59-2.38- —
1870	Germany	610	(a)	M.	60-60-60	.71- .71- .71	1890	Minn	292	4	M.	(a)	2.50-3.35-2.84
1872	Ohio	361	1	M.	(a)	3.67-3.67-3.67	1890	N. Y.	333	1	M.	(a)	2.50-2.50-2.50
1877	Ohio	359	2	M.	(a)	2.50-3.21-2.86	1890	Ohio	371	30	(a)	54-60-58	1.33-3.50-2.55
1877	England	570	(a)	M.	58-58-58	1.82-1.82-1.82	1891	N. Y.	333	1	M.	(a)	2.50-2.50-2.50
1877	Germany	171	(a)	M.	(a)	1.50-1.50-1.50	1891	Ohio	372	1	M.	60-60-60	3.00-3.00-3.00
1879	Ohio	361	16	M.	(a)	2.60-3.00-2.62	1891	England	123	(a)	(a)	(a)	1.70-1.70-1.70
1879	Pa	384	1	(a)	60-60-60	2.00-2.00-2.00	1891	France	505	(a)	M.	66-66-66	1.16-1.93- —
1881	Ohio	363	9	M.	b48-60-55	2.00-3.00-2.64	1891	France	505	(a)	M.	60-60-60	g2.32-2.32-2.32
1881	France	501	(a)	M.	(a)	.86-1.59- —	1891	France	522	(a)	(a)	(a)	.87-1.42- —
1882	Ohio	364	13	M.	c48-60-57	2.00-5.00-2.58	1892	Ohio	373	49	M.	h45-60-55	1.33-8.30-2.90
1882	France	502	(a)	M.	(a)	.88-1.54- —	1892	Australia	424	(a)	M.	(a)	2.43-2.84- —
1882	Germany	27	(a)	(a)	(a)	1.50-1.50-1.50	1892	France	505	(a)	M.	i54-74 —	.58-2.90- —
1883	France	503	(a)	M.	(a)	.88-1.58- —	1892	France	505	(a)	M.	67-67-67	e1.30-1.30-1.30
1884	Ohio	7	2	M.	54-54-54	2.50-3.33-2.92	1892	France	505	(a)	M.	70-70-70	j .58- .77- —
1884	Ohio	366	45	M.	d55-55-55	2.00-4.17-2.85	1892	Russia	692	(a)	(a)	(a)	.34- .62- —
1884	W. Va.	7	3	M.	59-59-59	2.00-3.00-2.39	1894	Ohio	375	61	M.	54-60-59	2.00-4.50-2.50
1884	Aust-Hun.	178	(a)	M.	60-60-60	.67-1.00- —	1894	Australia	425	(a)	(a)	(a)	1.95-2.84- —
1884	Colombia	178	(a)	(a)	72-72-72	1.20-1.20-1.20	1894	France	129	(a)	M.	60-60-60	1.16-2.32- —
1884	France	178	(a)	M.	65-65-65	.73-2.22- —	1895	Australia	426	(a)	(a)	(a)	1.95-2.84- —
1884	France	504	(a)	M.	(a)	.88-1.66- —	1896	N. Y.	7	2	M.	59-59-59	3.00-3.67-3.34
1885	Germany	547	(a)	M.	(a)	1.19-1.79- —	1896	Ohio	7	6	M.	54-54-54	1.50-3.50-2.25
1886	N. Y.	7	1	M.	59-59-59	2.83-2.83-2.83	1896	W. Va	7	3	M.	59-59-59	2.00-3.00-2.42
1886	Germany	548	(a)	(a)	(a)	.91-2.98- —	1896	Australia	427	(a)	(a)	(a)	1.95-2.84- —
1887	Germany	557	(a)	(a)	42-66 —	.87-2.98- —	1897	Australia	428	(a)	(a)	(a)	1.95-2.84- —
1887	Germany	557	(a)	(a)	66-66-66	e.99-1.07- —	1898	Australia	429	(a)	(a)	(a)	1.95-2.84- —
1888	N. J	326	1	M.	(a)	3.67-3.67-3.67	1898	Denmark	493	(a)	M.	(a)	1.07-2.41- —
1888	N. Y.	331	1	M.	59-59-59	2.00-2.00-2.00							

FOREMEN (NOT SPECIFIED), PRESERVES, PICKLES, AND SAUCES.

1880	Pa	7	2	M.	(a)	3.33-3.33-3.33	1891	France	505	(a)	M.	60-60-60	2.12-2.12-2.12
1884	Mich	278	1	M.	(a)	4.00-4.00-4.00	1892	Australia	424	(a)	M.	(a)	2.03-2.43- —
1884	W. Va	7	1	M.	60-60-60	2.58-2.58-2.58	1895	N. Y.	7	2	M.	60-60-60	3.33-3.67-3.50
1886	Mich	7	1	M.	60-60-60	2.50-2.50-2.50	1895	W. Va	7	1	M.	59-59-59	1.67-1.67-1.67
1886	N. Y.	7	1	M.	60-60-60	3.13-3.13-3.13	1896	Mich	7	1	M.	60-60-60	2.50-2.50-2.50
1888	N. Y.	331	3	M.	b60-60-60	2.00-2.50-2.28	1896	N. Y.	7	1	M.	60-60-60	3.47-3.47-3.47
1890	N. Y.	333	7	M.	(a)	2.33-3.17-2.73	1896	Pa	7	2	M.	60-60-60	3.67-4.17-3.92
1891	N. Y.	333	8	M.	(a)	2.00-3.33-2.82	1896	W. Va	7	1	M.	60-60-60	2.92-2.92-2.92

FOREMEN, PRESSMEN, LITHOGRAPHING.

1885	Germany	547	(a)	M.	(a)	.95-2.14- —							

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 42 persons not reported.
e And lodging.
f Applies to but 1 of the 2 wage quotations.
g And *gratifications*.
h Not including hours of 19 persons not reported.
i Applies to but 29 of the 31 wage quotations.
j And lodging and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PRESSMEN, PRINTING AND PUBLISHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1851 N. Y.	190	1 (a)	(a)	1.67-1.67-1.67
1852 N. Y.	190	1 (a)	(a)	1.67-1.67-1.67
1853 N. Y.	190	1 (a)	(a)	2.00-2.00-2.00
1854 N. Y.	190	1 (a)	(a)	2.33-2.33-2.33
1855 N. Y.	190	1 (a)	(a)	2.33-2.33-2.33
1856 N. Y.	190	1 (a)	(a)	2.67-2.67-2.67
1857 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1858 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1859 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1860 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1861 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1862 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1863 N. Y.	190	1 M.	60-60-60	2.00-2.00-2.00
1863 Pa	190	1 M.	60-60-60	2.34-2.34-2.34
1864 Conn.	190	1 M.	60-60-60	3.70-3.70-3.70
1864 N. Y.	190	1 M.	59-59-59	2.67-2.67-2.67
1864 Pa	190	1 M.	60-60-60	2.67-2.67-2.67
1865 Conn.	190	4 M.	60-60-60	3.00-4.00-3.55
1865 N. Y.	190	3 M.	b 59-59-59	2.17-3.00-2.61
1865 Pa	190	1 M.	60-60-60	3.17-3.17-3.17
1866 Conn.	190	4 M.	60-60-60	3.50-4.00-3.75
1866 N. Y.	190	3 M.	b 59-59-59	2.50-3.00-2.78
1866 Pa	190	1 M.	60-60-60	3.67-3.67-3.67
1867 Conn.	190	2 M.	60-60-60	3.50-4.50-4.00
1867 N. Y.	190	3 M.	b 59-59-59	2.50-3.17-2.89
1867 Pa	190	1 M.	60-60-60	3.67-3.67-3.67
1868 Conn.	190	3 M.	60-60-60	3.67-3.75-3.69
1868 N. Y.	190	2 M.	c 59-59-59	3.00-3.17-3.09
1868 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1869 Conn.	190	2 M.	60-60-60	3.67-3.67-3.67
1869 N. Y.	190	2 M.	c 59-59-59	3.00-3.33-3.17
1869 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1870 N. Y.	190	3 M.	b 59-59-59	3.00-4.17-3.50
1870 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1871 N. Y.	190	3 M.	b 59-59-59	3.00-4.17-3.50
1871 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1872 Conn.	190	2 M.	60-60-60	3.34-4.00-3.67
1872 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.56
1872 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1873 Conn.	190	2 M.	60-60-60	3.34-4.00-3.67
1873 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.67
1873 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1874 Conn.	190	2 M.	60-60-60	3.34-4.00-3.67
1874 Ill.	185	1 M.	59-59-59	3.50-3.50-3.50
1874 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.67
1874 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1875 Conn.	190	3 M.	60-60-60	3.34-5.00-4.11
1875 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.67
1875 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1876 Conn.	190	3 M.	60-60-60	3.67-5.00-4.17
1876 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.67
1876 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1877 Conn.	190	1 M.	60-60-60	3.84-3.84-3.84
1877 N. Y.	190	3 M.	b 59-59-59	3.00-4.67-3.67
1877 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1878 Conn.	190	2 M.	60-60-60	3.17-4.00-3.59
1878 N. Y.	190	3 M.	b 59-59-59	3.00-5.17-3.83
1878 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1879 Conn.	190	2 M.	60-60-60	3.00-3.67-3.34
1879 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1879 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1880 Conn.	190	2 M.	60-60-60	3.34-4.17-3.76
1880 Ga	7	1 M.	60-60-60	3.00-3.00-3.00
1880 Ky.	7	1 M.	60-60-60	3.75-3.75-3.75
1880 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1880 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1881 Conn.	190	2 M.	60-60-60	3.34-4.17-3.76
1881 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1881 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1882 Conn.	190	2 M.	60-60-60	3.34-4.67-4.01
1882 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1882 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1883 Conn.	190	2 M.	60-60-60	3.34-4.67-4.01
1883 N. Y.	7	1 M.	59-59-59	3.00-3.00-3.00
1883 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1883 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1883 Gr't Brit	273	(a) M.	(a)	1.46-1.54- —
1884 Conn.	190	2 M.	60-60-60	3.34-4.84-4.09
1884 Ga	7	1 M.	54-54-54	3.67-3.67-3.67
1884 Mich.	278	1 M.	(a)	3.35-3.35-3.35
1884 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1884 Pa	7	1 M.	59-59-59	3.67-3.67-3.67
1884 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1884 France	178	(a) M.	70-70-70	1.13-1.58- —
1884 Germany	178	(a) M.	(a)	.66-1.43- —
1884 Switzerl'd.	178	(a) M.	66-66-66	1.13-1.29- —
1885 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1885 Ga	7	1 M.	60-60-60	2.50-2.50-2.50
1885 La	7	1 M.	60-60-60	3.67-3.67-3.67
1885 Me	7	1 M.	60-60-60	3.00-3.00-3.00
1885 Mass	7	4 M.	54-59-57	3.25-6.67-4.44
1885 Mo	7	1 M.	59-59-59	3.00-3.00-3.00
1885 N. Y.	7	5 M.	c 59-60-59	2.67-6.25-4.25
1885 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1885 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1885 S. C	7	1 M.	59-59-59	3.33-3.33-3.33
1885 Canada	467	(a) M.	58-59 —	2.03-2.08- —
1886 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1886 Iowa	7	2 M.	59-60-60	2.67-3.00-2.84
1886 Mich.	7	1 M.	59-59-59	2.67-2.67-2.67
1886 N. Y.	7	1 M.	59-59-59	3.17-3.17-3.17
1886 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1886 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1886 Canada	468	(a) M.	59-61 —	2.01-2.19- —
1887 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1887 Conn.	202	2 M.	(a)	4.33-4.33-4.33
1887 N. Y.	7	1 M.	(a)	3.00-3.00-3.00
1887 N. Y.	190	3 M.	b 59-59-59	3.00-3.83-3.28
1887 Pa	190	1 M.	60-60-60	4.00-4.00-4.00
1887 Germany	557	(a) (a)	48-60 —	2.14-2.38- —
1888 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1888 N. Y.	190	2 M.	c 59-59-59	3.00-3.83-3.42
1888 Pa	190	2 M.	60-60-60	4.17-4.42-4.30
1888 Canada	470	(a) M.	53-53-53	3.14-3.14-3.14
1888 Germany	558	(a) (a)	48-48-48	2.14-2.14-2.14
1889 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1889 N. Y.	190	3 M.	b 59-59-59	3.00-4.17-3.39
1889 Pa	190	2 M.	60-60-60	4.17-4.42-4.30
1889 Germany	550	(a) M.	(a)	1.19-2.98- —
1890 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1890 Ill	19	3 M.	(a)	4.00-4.67-4.45
1890 N. Y.	190	2 M.	c 59-59-59	3.00-5.17-4.09
1890 N. Y.	333	8 M.	(a)	3.00-5.83-4.69
1890 Pa	190	2 M.	60-60-60	4.17-4.42-4.30
1891 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1891 Ill	19	2 M.	(a)	4.00-4.00-4.00
1891 N. Y.	190	2 M.	c 59-59-59	3.00-5.00-4.00
1891 N. Y.	333	8 M.	(a)	3.00-6.65-4.89
1891 Pa	190	2 M.	60-60-60	4.17-4.42-4.30
1891 Italy	638	(a) M.	60-60-60	1.64-1.64-1.64
1892 Conn.	190	2 M.	60-60-60	3.34-5.00-4.17
1892 Ill	19	2 M.	59-60-60	4.00-5.00-4.50
1892 N. Y.	190	1 M.	60-60-60	4.34-4.34-4.34
1893 Ill	19	3 M.	59-60-59	4.17-5.00-4.72
1893 Italy	639	(a) M.	60-60-60	1.64-1.64-1.64
1894 Australia	425	(a) (a)	(a)	2.43-4.06- —
1895 Conn.	7	1 M.	59-59-59	3.17-3.17-3.17
1895 Conn.	20	6 M.	60-60-60	5.00-5.00-5.00
1895 Ky.	7	1 M.	60-60-60	4.17-4.17-4.17
1895 La	7	1 M.	59-59-59	4.17-4.17-4.17

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, PRESSMEN, PRINTING AND PUBLISHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Me	7	1	M.	60-60-60	3.33-3.33-3.33
1895 Mass	7	6	M.	48-60-55	3.00-6.67-4.64
1895 Mo	7	1	M.	59-59-59	3.50-3.50-3.50
1895 N. Y	7	8	M.	58-60-59	2.50-5.00-3.64
1895 S. C	7	1	M.	59-59-59	3.67-3.67-3.67
1895 Australia	426	(a)	(a)	(a)	2.43-4.06- —
1896 Ga	7	3	M.	54-60-56	2.50-3.17-2.89
1896 Iowa	7	2	M.	59-60-60	3.00-3.00-3.00
1896 Mich	7	1	M.	59-59-59	2.67-2.67-2.67
1896 N. Y	7	3	M.	59-60-59	2.83-3.33-3.11
1896 N. Y	8	1	M.	60-60-60	4.17-4.17-4.17
1896 Ohio	7	1	M.	59-59-59	4.17-4.17-4.17
1896 Pa	7	1	M.	59-59-59	4.17-4.17-4.17
1896 Australia	427	(a)	(a)	(a)	3.24-4.07- —
1897 Kans	251	1	M.	54-54-54	3.33-3.33-3.33
1897 Australia	428	(a)	(a)	(a)	2.03-4.87- —
1898 Australia	429	(a)	(a)	(a)	2.03-4.87- —

FOREMEN (NOT SPECIFIED), PRINTING AND PUBLISHING.

1840 Pa	8	1	M.	60-60-60	2.50-2.50-2.50
1840 Scotland	563	(a)	(a)	60-60-60	1.82-1.82-1.82
1850 Scotland	563	(a)	(a)	66-66-66	1.82-1.82-1.82
1852 N. Y	8	3	M.	72-72-72	3.00-3.00-3.00
1856 N. Y	8	1	M.	60-60-60	3.50-3.50-3.50
1860 Scotland	563	(a)	(a)	60-60-60	1.83-1.83-1.83
1861 Scotland	564	(a)	(a)	(a)	1.62-1.62-1.62
1862 Pa	8	2	M.	60-60-60	2.50-3.00-2.75
1863 England	565	(a)	(a)	(a)	1.70-1.70-1.70
(b) England	567	(a)	M.	56-56-56	1.22-2.43- —
1873 Pa	379	13	M.	(a)	2.50-4.50-3.54
1874 Oregon	185	1	M.	60-60-60	5.83-5.83-5.83
1875 Conn	7	2	M.	59-59-59	3.00-3.00-3.00
1876 Pa	8	2	M.	60-60-60	2.50-4.00-3.25
1877 Ohio	359	3	M.	(a)	2.50-2.50-2.50
1878 Md	8	1	M.	60-60-60	3.00-3.00-3.00
1878 Ohio	360	63	M.	(a)	1.94-4.67-3.06
1878 Germany	177	(a)	M.	(a)	1.88-1.88-1.88
1879 Mo	293	11	M.	60-60-60	3.53-3.53-3.53
1880 N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1880 R. I	7	2	M.	58-59-59	3.00-3.00-3.00
1880 S. C	7	1	M.	(a)	3.00-3.00-3.00
1882 Mass	7	2	M.	59-59-59	3.33-3.50-3.42
1882 Ohio	364	31	M.	58-60-58	2.68-6.67-2.95
1882 Pa	7	1	M.	60-60-60	3.00-3.00-3.00
1883 Mass	273	1	M.	(a)	5.83-5.83-5.83
1883 N. Y	7	1	M.	59-59-59	3.17-3.17-3.17
1883 Ohio	365	2	M.	50-59-55	3.53-6.67-5.10
1884 Mich	278	6	M.	(a)	1.45-2.50-1.91
1884 Mo	7	1	M.	(a)	3.00-3.00-3.00
1884 Mo	295	193	M.	(a)	2.03-2.03-2.03
1884 Ohio	7	2	M.	51-59-55	3.50-4.17-3.84
1884 Ohio	366	24	M.	(a)	2.00-8.33-4.87
1884 Va	7	2	M.	59-59-59	2.50-2.50-2.50
1884 Aust-Hun	178	(a)	M.	60-60-60	.67-2.50- —
1884 Canada	178	(a)	M.	60-60-60	1.50-2.50- —
1884 Ceylon	178	(a)	(a)	(a)	5.00-6.50- —
1884 Ecuador	178	(a)	M.	60-60-60	2.50-2.50-2.50
1884 England	178	(a)	M.	54-54-54	1.22-4.06- —
1884 France	178	(a)	M.	60-66 —	.90-1.93- —
1884 Germany	178	(a)	M.	c57-60 —	1.00-2.98- —
1884 Gibraltar	178	(a)	M.	60-60-60	1.00-1.33- —
1884 Hawai. Is	178	(a)	(a)	54-54-54	5.00-5.00-5.00
1884 Ireland	178	(a)	M.	60-60-60	1.22-1.22-1.22
1884 Italy	178	(a)	M.	60-60-60	.83-1.00- —
1884 Mexico	178	(a)	(a)	60-60-60	1.75-2.50- —
1884 Peru	178	(a)	M.	(a)	2.21-2.21-2.21
1884 Russia	178	(a)	M.	60-60-60	1.29-3.23- —
1884 S'ra Leone	178	(a)	M.	48-48-48	.48- .84- —
1884 Switzerl'd	178	(a)	M.	65-65-65	1.29-2.00- —
1884 Wales	178	(a)	M.	(a)	2.03-2.43- —
1885 Ga	7	1	M.	60-60-60	2.50-2.50-2.50
1885 Ill	7	1	M.	60-60-60	3.67-3.67-3.67
1885 Me	7	1	M.	60-60-60	1.50-1.50-1.50
1885 Mass	7	3	M.	59-59-59	3.00-6.67-4.56
1885 N. Y	7	3	M.	59-59-59	3.00-4.17-3.61
1885 Germany	547	(a)	M.	(a)	.95-2.40- —
1886 Mich	7	3	M.	d60-60-60	2.50-3.33-2.94
1886 N. J	325	5	M.	60-60-60	2.83-3.83-3.37
1886 N. Y	7	2	M.	59-59-59	3.33-3.33-3.33
1886 Netherl'ds	456	(a)	(a)	60-60-60	1.01-1.33- —
1887 N. Y	7	1	M.	(a)	2.67-2.67-2.67
1887 Wis	409	21	M.	(a)	2.99-2.99-2.99
1887 Germany	557	(a)	(a)	e45-60 —	.99-2.50- —
1887 Netherl'ds	598	(a)	(a)	60-60-60	1.01-1.34- —
1888 N. Y	331	29	M.	f54-60-59	1.33-5.00-2.62
1888 N. Y	331	1	M.	(a)	g1.00-1.00-1.00
1888 Pa	8	1	M.	54-54-54	3.00-3.00-3.00
1888 Germany	558	(a)	(a)	h48-63 —	1.07-2.50- —
1888 Germany	558	(a)	(a)	48-48-48	i2.38-2.38-2.38
1889 Canada	471	(a)	M.	59-59-59	2.02-2.02-2.02
1889 Germany	550	(a)	M.	(a)	.95-3.97- —
1889 Portugal	691	(a)	(a)	(a)	1.40-1.40-1.40
1890 N. Y	333	28	M.	(a)	2.00-6.67-3.60
1890 Ohio	371	241	(a)	48-60-58	1.00-5.41-2.70
1890 Netherl'ds	666	(a)	M.	(a)	.80- .80- .80
1891 N. Y	333	28	M.	(a)	.83-6.67-3.50
1891 N. C	346	1	M.	(a)	1.00-1.00-1.00
1891 Ohio	372	64	M.	48-60-58	1.35-6.66-2.88
1891 France	505	(a)	M.	54-72 —	1.74-5.02- —
1891 Italy	632	(a)	M.	(a)	1.64-1.64-1.64
1892 Cal	196	9	M.	d54-60-59	3.00-5.75-4.21
1892 Algeria	505	(a)	M.	54-54-54	1.37-1.37-1.37
1892 Australia	424	(a)	M.	(a)	1.62-4.87- —
1892 France	505	(a)	M.	j57-74 —	.63-3.86- —
1892 France	505	(a)	M.	60-60-60	k1.16-1.16-1.16
1893 Ill	10	1	M.	59-59-59	4.17-4.17-4.17
1893 Ill	19	1	M.	60-60-60	4.17-4.17-4.17
1893 Mont	307	26	M.	(a)	4.74-4.74-4.74
1893 Pa	8	1	M.	60-60-60	6.67-6.67-6.67
1893 Pa	10	1	M.	54-54-54	1.67-1.67-1.67
1894 Mont	308	18	M.	(a)	1.17-1.17-1.17
1894 C. of G'd H	487	(a)	M.	48-60 —	1.68-2.33- —
1894 France	129	(a)	M.	(a)	1.02-5.12- —
1895 Conn	7	2	M.	59-59-59	3.00-3.33-3.17
1895 Me	7	1	M.	60-60-60	3.00-3.00-3.00
1895 Mass	7	10	M.	d55-60-59	2.00-5.83-3.75
1895 Mo	7	1	M.	60-60-60	3.00-3.00-3.00
1895 Mont	309	46	M.	53-53-53	3.71-5.00-4.41
1895 N. Y	7	5	M.	58-60-59	3.17-5.83-4.12
1895 N. Y	8	2	M.	(a)	9.17-9.17-9.17
1895 Pa	8	12	M.	42-60-58	2.50-6.50-3.95

a Not reported.
b Average for 1867–68.
c Applies to but 7 of the 10 wage quotations.
d Not including hours of 1 person not reported.
e Applies to but 12 of the 14 wage quotations.
f Not including hours of 12 persons not reported.
g And board.
h Applies to but 12 of the 13 wage quotations.
i And lodging.
j Applies to but 53 of the 55 wage quotations.
k And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), PRINTING AND PUBLISHING—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1895 R. I	7	4 M.	56-59-58	3.00-4.00-3.33	1896 Ohio	377	3 M.	60-60-60	3.00-4.16-3.39
1895 S. C	7	1 M.	54-54-54	3.33-3.33-3.33	1896 Pa	7	2 M.	59-60-60	2.67-3.33-3.00
1895 Va	7	3 M.	59-59-59	2.50-3.00-2.67	1896 W. Va	7	2 M.	59-59-59	2.00-2.50-2.25
1896 Ga	7	2 M.	54-60-57	2.50-3.00-2.75	1896 Australia	427	(a) (a)	(a)	3.65-5.68- —
1896 Ill	7	2 M.	51-57-54	4.17-6.67-5.42	1896 Canada	482	(a) (a)	b53-53-53	3.33-4.33- —
1896 Iowa	7	1 M.	59-59-59	3.00-3.00-3.00	1897 N. Y	8	1 M.	54-54-54	4.16-4.16-4.16
1896 Mich	7	3 M.	48-59-54	3.33-3.33-3.33	1897 Pa	8	1 M.	60-60-60	4.50-4.50-4.50
1896 N. Y	7	2 M.	59-59-59	3.00-4.17-3.59	1897 Aust-Hun	437	(a) (a)	60-60-60	.64-1.56- —
1896 N. Y	8	7 M.	36-60-51	4.16-9.00-6.17	1898 Denmark	493	(a) M.	(a)	1.80-1.80-1.80

FOREMEN, PROOF READERS.

1885 Mass	7	1 M.	59-59-59	5.33-5.33-5.33	1892 Ill	19	2 M.	59-59-59	4.00-4.00-4.00
1885 N. Y	7	1 M.	59-59-59	4.00-4.00-4.00	1895 Mass	7	1 M.	58-58-58	5.33-5.33-5.33
1887 N. Y	7	1 M.	(a)	2.33-2.33-2.33	1895 N. Y	7	1 M.	59-59-59	4.17-4.17-4.17
1891 Ill	19	2 M.	(a)	3.67-3.67-3.67					

FOREMEN, PUDDLERS.

1872 Germany	185	(a) M.	72-72-72	1.44-1.56- —	1889 Ind	5	1 M.	72-72-72	2.25-2.25-2.25
1876 Pa	381	3 M.	(a)	1.60-4.25-3.37	1889 Pa	5	23 M.	d55-66-59	2.50-5.00-2.96
1884 England	178	(a) M.	(a)	2.03-2.84- —	1889 Va	5	2 M.	(a)	1.90-2.61-2.26
1885 Ohio	1	4 M.	72-72-72	1.75-1.75-1.75	1889 Belgium	5	(a) M.	(a)	.58-1.26- —
1885 Pa	1	2 M.	60-60-60	4.00-4.00-4.00	1889 England	5	(a) M.	(a)	.97-1.62- —
1887 Ohio	369	8 M.	60-60-60	4.00-4.00-4.00	1889 France	5	(a) M.	(a)	1.66-2.22- —
1888 England	5	(a) M.	c66-66-66	.81-1.62- —	1889 Germany	5	(a) M.	(a)	1.47-1.70- —

FOREMEN (NOT SPECIFIED), PUMPS.

1888 N. Y	331	1 M.	60-60-60	2.25-2.25-2.25	1891 N. Y	333	5 M.	(a)	2.00-4.00-2.77
1890 N. Y	333	2 M.	(a)	1.50-3.33-2.42	1891 Ohio	372	9 M.	60-60-60	1.66-3.00-2.52
1890 Ohio	371	5 M.	60-60-60	2.75-3.50-3.05	1896 Ohio	377	1 M.	60-60-60	3.50-3.50-3.50

FOREMEN, QUARRYMEN.

1846 Conn	190	1 M.	66-66-66	1.92-1.92-1.92	1870 N. H	8	1 M.	60-60-60	4.00-4.00-4.00
1850 Conn	190	1 M.	66-66-66	1.50-1.50-1.50	1871 Conn	190	20 M.	60-60-60	3.00-3.75-3.30
1851 Conn	190	16 M.	66-66-66	1.50-1.75-1.59	1871 Mass	267	2 M.	59-66-63	3.00-3.85-3.43
1852 Conn	190	13 M.	66-66-66	1.50-2.08-1.66	1872 Conn	190	17 M.	60-60-60	3.00-3.75-3.49
1853 Conn	190	20 M.	60-60-60	1.52-2.25-1.67	1873 Conn	190	15 M.	60-60-60	3.25-3.60-3.52
1854 Conn	190	4 M.	60-60-60	2.00-2.25-2.06	1874 Conn	190	7 M.	60-60-60	2.75-3.25-3.09
1855 Conn	190	9 M.	60-60-60	1.50-2.08-1.72	1874 Pa	380	1 M.	(a)	2.50-2.50-2.50
1856 Conn	190	9 M.	60-60-60	1.44-2.50-1.85	1875 Conn	190	9 M.	60-60-60	2.75-3.00-2.90
1857 Conn	190	16 M.	60-60-60	1.75-2.90-1.99	1876 Conn	190	10 M.	60-60-60	2.60-3.30-2.78
1858 Conn	190	4 M.	60-60-60	1.85-2.08-1.91	1876 Pa	381	3 M.	e60-60-60	1.70-2.25-2.07
1859 Conn	190	17 M.	60-60-60	1.68-2.38-1.93	1876 Vt	8	1 M.	66-66-66	4.00-4.00-4.00
1860 Conn	190	6 M.	60-60-60	1.40-2.00-1.73	1877 Conn	190	14 M.	60-60-60	2.30-3.30-2.67
1861 Conn	190	7 M.	60-60-60	1.60-2.25-1.79	1877 Pa	382	2 M.	60-60-60	2.41-2.41-2.41
1862 Conn	190	5 M.	60-60-60	1.50-1.75-1.63	1878 Conn	190	17 M.	60-60-60	2.25-3.30-2.67
1863 Conn	190	9 M.	60-60-60	1.60-2.40-1.97	1879 Conn	190	13 M.	60-60-60	2.30-3.30-2.65
1864 Conn	190	12 M.	60-60-60	1.80-2.25-2.10	1879 Ohio	361	23 M.	(a)	2.52-2.52-2.52
1865 Conn	190	13 M.	60-60-60	2.05-3.00-2.46	1879 Pa	384	5 M.	60-60-60	1.70-2.70-1.90
1866 Conn	190	15 M.	60-60-60	2.25-3.00-2.58	1880 Conn	190	14 M.	60-60-60	2.50-3.00-2.71
1867 Conn	190	14 M.	60-60-60	2.50-3.30-2.92	1881 Conn	190	13 M.	60-60-60	2.10-3.45-2.73
1868 Conn	190	14 M.	60-60-60	2.65-3.15-3.00	1881 Ohio	363	11 M.	60-60-60	2.10-3.00-2.26
1869 Conn	190	16 M.	60-60-60	2.90-3.75-3.36	1882 Conn	190	17 M.	60-60-60	2.30-3.65-3.02
1870 Conn	190	9 M.	60-60-60	3.00-3.50-3.28	1883 Conn	190	13 M.	60-60-60	2.40-3.65-3.00

a Not reported.
b Applies to but 1 of the 3 wage quotations.
c Applies to but 3 of the 5 wage quotations.
d Not including hours of 12 persons not reported.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, QUARRYMEN—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Scotland	572	(a) (a)	57-57-57	1.22-1.22-1.22
1884 Conn.	190	16 M.	60-60-60	2.20-3.65-2.91
1884 Ohio	366	16 M.	(a)	1.83-4.00-3.10
1884 Pa	388	15 M.	(a)	2.07-2.07-2.07
1884 France	178	(a) M.	66-66-66	.97-1.16- —
1885 Conn.	190	16 M.	60-60-60	2.40-3.00-2.84
1885 Pa	389	6 M.	(a)	1.99-1.99-1.99
1886 Conn.	190	26 M.	60-60-60	2.40-3.80-2.93
1886 England	602	(a) M.	(a)	1.14-1.28- —
1886 Gr't Brit.	602	(a) M.	(a)	1.10-1.28- —
1886 Scotland	602	(a) M.	(a)	1.10-1.37- —
1886 Wales	602	(a) M.	(a)	1.52-1.61- —
1887 Conn.	4	1 M.	(a)	2.00-2.00-2.00
1887 Conn.	190	14 M.	60-60-60	2.50-3.80-3.03
1887 Kans.	241	1 M.	60-60-60	2.75-2.75-2.75
1887 Md.	4	6 M.	(a)	2.00-2.50-2.21
1887 N. J	4	1 M.	(a)	2.95-2.95-2.95
1887 N. Y.	4	3 M.	(a)	1.60-1.73-1.69
1887 Pa	4	5 M.	b 60-60-60	1.40-2.25-1.91
1887 Pa	4	2 M.	(a)	c.20- .20- .20
1887 W. Va.	4	1 M.	(a)	2.50-2.50-2.50
1887 Wis	409	2 M.	(a)	3.38-3.38-3.38
1888 Conn.	190	15 M.	60-60-60	2.70-3.25-3.15
1888 Mich.	280	1 M.	60-60-60	2.88-2.88-2.88
1888 N. Y.	331	1 M.	59-59-59	2.50-2.50-2.50
1889 Ala	5	2 M.	60-60-60	2.50-2.50-2.50
1889 Ala	189	28 M.	(a)	2.24-2.48-2.28
1889 Ariz.	189	1 M.	(a)	3.00-3.00-3.00
1889 Ark	189	9 M.	(a)	1.62-2.38-1.87
1889 Cal.	189	95 M.	(a)	3.47-4.34-4.12
1889 Colo.	189	114 M.	(a)	2.78-3.42-3.09
1889 Conn.	189	93 M.	(a)	1.90-3.15-3.00
1889 Conn.	190	8 M.	60-60-60	2.35-3.00-2.58
1889 Del	189	9 M.	(a)	3.27-3.27-3.27
1889 Ga	189	35 M.	(a)	3.72-3.72-3.72
1889 Idaho	189	3 M.	(a)	3.48-3.48-3.48
1889 Ill	189	129 M.	(a)	2.55-2.56-2.55
1889 Ind	189	174 M.	(a)	2.48-4.00-2.58
1889 Iowa	189	78 M.	(a)	2.01-3.30-2.14
1889 Kans.	189	65 M.	(a)	2.63-2.72-2.65
1889 Ky.	189	61 M.	(a)	2.40-3.06-2.56
1889 Me	189	241 M.	(a)	2.30-3.15-2.69
1889 Me	255	4 M.	(a)	2.50-2.50-2.50
1889 Md.	189	41 M.	(a)	1.50-3.00-2.50
1889 Mass	189	173 M.	(a)	1.98-3.09-3.02
1889 Mich.	189	15 M.	(a)	2.67-2.92-2.82
1889 Minn	189	96 M.	(a)	3.00-3.67-3.26
1889 Mo.	189	161 M.	(a)	2.73-3.19-2.79
1889 Mo.	299	8 M.	(a)	1.91-6.77-4.03
1889 Mont.	189	12 M.	(a)	3.00-4.55-3.78
1889 Nebr.	189	20 M.	(a)	2.30-2.30-2.30
1889 N. H	189	85 M.	(a)	3.41-3.80-3.42
1889 N. J	189	72 M.	(a)	1.79-3.00-2.63
1889 N. Mex.	189	12 M.	(a)	3.00-4.08-3.99
1889 N. Y.	189	294 M.	(a)	2.41-2.91-2.56
1889 N. C	189	14 M.	(a)	2.52-4.00-2.63
1889 Ohio	189	332 M.	(a)	1.96-2.59-2.31
1889 Oregon	189	2 M.	(a)	5.00-5.00-5.00
1889 Pa	189	400 M.	(a)	2.31-2.67-2.47
1889 R. I	189	40 M.	(a)	1.90-3.35-3.28
1889 S. C	189	5 M.	(a)	1.77-5.75-4.16
1889 S. Dak.	189	22 M.	(a)	3.50-3.98-3.70
1889 Tenn.	5	2 M.	60-60-60	1.75-2.30-2.03
1889 Tenn.	189	8 M.	(a)	1.83-2.09-2.03
1889 Tex	189	18 M.	(a)	2.29-2.70-2.60
1889 Utah	189	10 M.	(a)	2.50-4.09-3.65
1889 Vt	189	72 M.	(a)	1.78-3.68-3.36
1889 Va	189	34 M.	(a)	1.99-3.00-2.68
1889 Wash	189	18 M.	(a)	3.11-3.57-3.26
1889 W. Va	189	30 M.	(a)	2.31-2.51-2.46
1889 Wis	189	74 M.	(a)	2.05-4.34-2.79
1889 Wyo	189	5 M.	(a)	3.63-3.63-3.63
1889 Portugal	691	(a) M.	60-60-60	.43-1.31- —
1889 Portugal	691	(a) M.	60-60-60	d.32- .32- .32
1890 Conn.	190	24 M.	60-60-60	2.38-3.25-2.91
1890 Conn.	203	1 M.	(a)	3.25-3.25-3.25
1890 N. Y.	333	6 M.	(a)	2.30-3.00-2.77
1891 Conn.	190	16 M.	60-60-60	2.50-3.40-3.13
1891 N. Y.	333	6 M.	(a)	2.49-3.00-2.83
1891 Ohio	372	3 M.	60-60-60	2.25-2.50-2.33
1892 Conn.	20	18 M.	45-60-57	2.00-3.43-2.93
1892 Conn.	190	12 M.	60-60-60	2.25-3.25-3.08
1892 Ind	227	17 M.	60-60-60	2.12-2.57-2.52
1892 N. H	8	1 M.	54-54-54	4.00-4.00-4.00
1892 R. I	399	2 M.	53-59-56	3.00-3.13-3.07
1892 Algeria	505	(a) M.	e 60-60-60	.97-1.54- —
1892 Australia	424	(a) M.	(a)	1.62-3.24- —
1892 France	505	(a) M.	f 54-84 —	.58-1.54- —
1892 France	505	(a) M.	60-60-60	g1.35-1.35-1.35
1893 Conn.	20	14 M.	45-60-58	2.00-3.43-3.02
1893 Me.	259	110 M.	(a)	3.15-3.15-3.15
1893 Ohio	374	4 M.	60-60-60	2.00-2.25-2.06
1893 Italy	639	(a) M.	72-72-72	.77- .77- .77
1894 Conn.	20	19 M.	45-60-59	1.50-2.75-2.64
1894 N. H	8	1 M.	53-53-53	4.00-4.00-4.00
1894 Australia	425	(a) (a)	(a)	2.43-2.43-2.43
1895 Conn.	20	10 M.	45-60-59	1.50-2.75-2.63
1895 Mass	8	2 M.	54-60-57	2.00-2.50-2.25
1895 Australia	426	(a) (a)	(a)	2.43-2.43-2.43
1896 Mass	8	1 M.	60-60-60	4.00-4.00-4.00
1896 Vt	8	1 M.	60-60-60	5.00-5.00-5.00
1896 Australia	427	(a) (a)	(a)	2.43-2.43-2.43
1896 Aust-Hun.	436	(a) (a)	54-54-54	1.08-1.08-1.08
1897 Me.	8	1 M.	54-54-54	4.00-4.00-4.00
1897 Australia	428	(a) (a)	(a)	2.43-2.43-2.43
1898 Australia	429	(a) (a)	(a)	1.62-2.43- —

FOREMEN (NOT SPECIFIED), QUARTZ MINING.

1893	Mont	307	5	M.	54-54-54	5.00-9.58-7.18	....	.....	....	....	...	.....	.....

FOREMEN (NOT SPECIFIED), QUICKSILVER MINING.

1889	Cal.	189	20	(a)	(a)	2.66-10.33-3.93	1893	Italy	639	(a)	M.	(a)	.33- .33- .33
1891	Italy	638	(a)	M.	(a)	.39- .39- .39								

a Not reported.
b Not including hours of 4 persons not reported.
c Per hour.
d And share of profits.
e Applies to but 2 of the 3 wage quotations.
f Applies to but 16 of the 17 wage quotations.
g And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, RAG ROOM, PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1869 N. H	7	1 M.	(a)	1.75-1.75-1.75
1876 N. H	7	1 M.	66-66-66	1.50-1.50-1.50
1878 Conn	7	1 M.	72-72-72	2.50-2.50-2.50
1880 Me	271	1 (a)	72-72-72	1.67-1.67-1.67
1885 Me	7	1 M.	(a)	3.00-3.00-3.00
1885 Mass	7	1 M.	60-60-60	2.25-2.25-2.25
1885 N. H	7	1 M.	(a)	1.75-1.75-1.75
1885 Wis	7	1 M.	72-72-72	2.25-2.25-2.25
1886 Del	7	1 M.	72-72-72	1.50-1.50-1.50
1887 Conn	202	1 M.	(a)	1.75-1.75-1.75
1888 N. Y	331	1 M.	60-60-60	1.50-1.50-1.50
1892 France	505	(a) M.	84-84-84	0.69-0.69-0.69
1894 Ohio	375	2 M.	54-60-57	1.50-2.00-1.75
1895 Conn	7	1 M.	72-72-72	2.25-2.25-2.25
1895 Me	7	1 M.	60-60-60	3.21-3.21-3.21
1895 Mass	7	1 M.	60-60-60	2.25-2.25-2.25
1895 N. H	7	3 M.	60-66-62	1.25-1.50-1.37
1895 Ohio	376	2 M.	54-60-57	1.33-1.65-1.49
1896 Del	7	1 M.	72-72-72	1.67-1.67-1.67
1896 Wis	7	1 M.	72-72-72	2.50-2.50-2.50
1897 Pa	395	1 M.	(a)	1.12-1.12-1.12

FOREMEN (NOT SPECIFIED), RAILROAD.

1870	England	177	(a)	M.	61-61-61	1.60-2.88- —
1870	Norway	610	(a)	M.	(a)	.50- .83- —
1870	Turkey	610	(a)	M.	(a)	3.65-3.65-3.65
1873	Scotland	177	(a)	M.	(a)	.96-1.08- —
1875	Pa	380	38	M.	(a)	2.33-2.33-2.33
1877	Pa	382	11	M.	60-66-61	3.00-3.10-3.09
1878	Pa	383	13	M.	b60-66-60	2.00-2.80-2.73
1878	England	177	(a)	M.	54-54-54	1.68-3.00- —
1878	France	177	(a)	M.	(a)	.96-1.15- —
1878	Scotland	177	(a)	M.	(a)	1.08-1.13- —
1879	Pa	384	16	M.	60-60-60	2.19-2.19-2.19
1880	N. J	319	1	(a)	60-60-60	2.00-2.00-2.00
1883	Wales	43	(a)	(a)	(a)	.89-1.01- —
1884	Mich	278	2	M.	(a)	2.00-2.00-2.00
1884	Pa	388	380	M.	(a)	3.00-3.00-3.00
1884	Australia	178	(a)	(a)	(a)	2.19-2.19-2.19
1884	Aust-Hun	178	(a)	M.	(a)	.72- .81- —
1884	Belgium	178	(a)	M.	(a)	.77- .88- —
1884	Brazil	178	(a)	M.	(a)	.95-1.29- —
1884	Canada	466	(a)	M.	59-59-59	2.29-2.29-2.29
1884	C. of G'd H.	178	(a)	(a)	(a)	1.58-3.68- —
1884	Ceylon	178	(a)	(a)	(a)	.78-2.76- —
1884	England	178	(a)	M.	c 54-60 —	.90-2.03- —
1884	France	178	(a)	M.	(a)	.96-4.03- —
1884	Germany	178	(a)	M.	(a)	.53-3.65- —
1884	Germany	178	(a)	M.	(a)	d2.01-2.01-2.01
1884	Ireland	178	(a)	M.	(a)	1.22-1.22-1.22
1884	Italy	178	(a)	M.	(a)	.74-1.92- —
1884	Russia	178	(a)	M.	(a)	.48- .60- —
1884	Russia	178	(a)	M.	(a)	e1 38-1.53- —
1884	Spain	178	(a)	M.	(a)	.60-1.92- —
1884	Switzerl'd	178	(a)	(a)	(a)	1.35-1.69- —
1884	Wales	178	(a)	M.	(a)	2.43-2.43-2.43
1885	Kans	239	1	M.	60-60-60	2.25-2.25-2.25
1885	Mich	279	108	M.	(a)	1.53-4.51-1.91
1885	Pa	389	431	M.	(a)	3.07-3.07-3.07
1885	Canada	467	(a)	M.	65-65-65	1.92-1.92-1.92
1886	Iowa	232	2	M.	(a)	2.11-2.11-2.11
1886	Kans	240	4	M.	60-60-60	1.73-1.73-1.73
1886	Belgium	456	(a)	(a)	(a)	.58- .58- .58
1886	Belgium	456	(a)	(a)	(a)	e .66- .66- .66
1886	Germany	548	(a)	(a)	(a)	.60- .98- —
1887	Conn	4	9	M.	(a)	1.55-3.83-2.37
1887	Kans	241	1	M.	60-60-60	2.25-2.25-2.25
1887	Md	4	12	M.	(a)	1.45-2.88-2.18
1887	Mass	4	8	M.	(a)	2.25-3.25-2.62
1887	Mich	4	7	M.	(a)	1.92-4.22-2.69
1887	Mo	4	7	M.	(a)	1.92-3.83-2.46
1887	Mo	298	19	(a)	(a)	2.21-2.26-2.23
1887	Nebr	312	245	M.	f 60-60-60	2.00-5.18-4.21
1887	N. J	4	95	M.	(a)	1.73-3.45-2.31
1887	N. Y	4	39	M.	(a)	1.53-3.51-2.04
1887	N. C	4	1	M.	(a)	1.00-1.00-1.00
1887	N. C	342	1	M.	(a)	3.45-3.45-3.45
1887	Pa	4	24	M.	(a)	1.53-4.22-1.98
1887	Pa	4	3	M.	(a)	g .20- .29- .24
1887	Wis	4	4	M.	(a)	2.88-3.83-3.31
1887	Australia	420	(a)	(a)	(a)	2.19-2.19-2.19
1888	Mich	280	2	M.	60-60-60	2.11-2.11-2.11
1888	Mo	298	76	(a)	(a)	1.83-2.49-2.22
1888	Tenn	5	2	M.	(a)	1.92-1.92-1.92
1888	Australia	432	(a)	M.	(a)	1.95-2.19- —
1888	Canada	470	(a)	M.	60-60-60	1.91-1.91-1.91
1889	Kans	243	167	M.	h 60-72-61	1.40-4.17-2.83
1889	Pa	5	1	M.	(a)	2.00-2.00-2.00
1889	Australia	422	(a)	(a)	48-48-48	3.73-7.00- —
1889	Australia	432	(a)	M.	(a)	1.70-6.06- —
1889	Germany	550	(a)	M.	(a)	.95-1.43- —
1890	Australia	423	(a)	(a)	48-48-48	2.19-7.00- —
1890	England	576	(a)	M.	54-54-54	1.22-1.22-1.22
1890	Netherl'ds	666	(a)	M.	i 42-78 —	.50- .84- —
1890	Netherl'ds	666	(a)	M.	93-93-93	j .80- .80- .80
1891	Me	257	1	M.	(a)	2.88-2.88-2.88
1891	Mo	300	1	M.	(a)	3.11-3.11-3.11
1891	Italy	614	(a)	M.	(a)	.79- .99- —
1892	Conn	20	1	M.	45-45-45	2.50-2.50-2.50
1892	England	632	(a)	M.	(a)	.81- .97- —
1892	France	505	(a)	M.	k 60-60-60	.68-1.74- —
1892	France	505	(a)	M.	60-60-60	e .77-1.01- —
1892	France	505	(a)	M.	l 60-60-60	m .77-1.85- —
1893	Mich	285	16	M.	60-66-61	1.73-2.88-2.46
1893	N. Zealand	668	(a)	M.	(a)	2.43-2.43-2.43
1894	Iowa	236	5	M.	54-60-59	1.73-2.50-1.91
1894	Mont	308	5	M.	(a)	2.70-3.15-3.06
1894	Australia	425	(a)	(a)	(a)	2.07-2.92- —
1894	N. Zealand	669	(a)	M.	(a)	2.43-2.43-2.43
1895	Ind	229	162	M.	n 60-60-60	1.61-3.17-2.75
1895	Mont	309	6	M.	(a)	3.25-3.25-3.25
1895	Australia	426	(a)	(a)	(a)	2.07-2.92- —
1896	Ind	229	142	M.	60-60-60	1.61-3.17-2.66
1896	Mont	310	13	M.	(a)	3.67-4.03-3.76
1896	Australia	427	(a)	(a)	(a)	2.07-2.92- —
1897	Kans	251	3	(a)	67-72-70	1.53-2.70-1.96
1897	Mont	311	41	(a)	(a)	2.49-4.79-3.16
1897	Australia	428	(a)	(a)	(a)	2.07-2.92- —
1898	Ind	230	210	(a)	60-66-60	1.66-3.17-2.60
1898	Nebr	314	22	(a)	o 60-60-60	1.74-3.82-2.60
1898	Nebr	314	4	(a)	(a)	g .30- .30- .30
1898	Australia	429	(a)	(a)	(a)	2.07-2.19- —
1899	Uruguay	157	(a)	(a)	(a)	1.15-3.83- —

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 4 of the 14 wage quotations.
d And rent, fuel, and uniform.
e And lodging.
f Not including hours of 218 persons not reported.
g Per hour.
h Not including hours of 26 persons not reported.
i Applies to but 7 of the 11 wage quotations.
j And premiums.
k Applies to but 2 of the 13 wage quotations.
l Applies to but 3 of the 11 wage quotations.
m And *gratifications*.
n Not including hours of 87 persons not reported.
o Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), REFRIGERATORS.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1852 Mass	8	1 M.	60-60-60	2.25-2.25-2.25	1890 N. Y	333	1 M.	(a)	3.21-3.21-3.21
1888 N. Y	331	1 M.	58-58-58	4.17-4.17-4.17	1891 N. Y	333	17 M.	(a)	3.00-5.77-4.39
1889 Mich	281	3 M.	60-60-60	2.50-3.00-2.67	1897 Mass	8	2 M.	60-60-60	3.00-3.00-3.00

FOREMEN, REPAIRERS, TEXTILES.

1842 Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1882 Russia	33	(a)	M.	84-84-84	.67- .67- .67
1843 Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1883 Ga	7	1	M.	(a)	5.50-5.50-5.50
1844 Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1883 Mass	273	6	M.	(a)	3.75-6.00-4.58
1845 Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1884 Ga	7	1	M.	70-70-70	2.50-2.50-2.50
1846 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1884 S. C	7	1	M.	69-69-69	3.33-3.33-3.33
1847 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1885 Vt	7	1	M.	60-60-60	4.00-4.00-4.00
1848 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1886 R. I	7	1	M.	60-60-60	3.00-3.00-3.00
1849 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1886 Germany	62	(a)	M.	(a)	1.59-1.59-1.59
1850 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1888 Ga	6	1	M.	66-66-66	5.00-5.00-5.00
1851 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1888 N. Y	6	2	M.	c60-60-60	2.75-3.00-2.88
1852 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1888 R. I	6	1	M.	(a)	6.00-6.00-6.00
1853 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1889 Mass	6	2	M.	60-60-60	2.50-3.00-2.75
1854 Mass	190	1	M.	78-78-78	2.25-2.25-2.25	1889 N. Y	6	1	M.	(a)	3.20-3.20-3.20
1872 S. C	7	1	M.	72-72-72	3.33-3.33-3.33	1890 N. Y	333	1	M.	(a)	3.00-3.00-3.00
1872 England	185	(a)	(a)	59-59-59	2.42-2.42-2.42	1891 N. Y	333	1	M.	(a)	3.00-3.00-3.00
1876 Pa	381	4	M.	(a)	2.50-2.67-2.54	1892 Me	258	4	M.	60-60-60	3.50-4.25-3.75
1877 England	25	(a)	(a)	53-53-53	2.18-2.18-2.18	1892 Mass	20	1	M.	58-58-58	2.90-2.90-2.90
1878 N. H	7	1	M.	60-60-60	2.25-2.25-2.25	1893 Mass	20	1	M.	58-58-58	4.65-4.65-4.65
1878 Pa	383	1	M.	66-66-66	2.00-2.00-2.00	1894 Mass	20	1	M.	58-58-58	4.65-4.65-4.65
1879 Pa	384	5	M.	b60-60-60	2.25-3.00-2.46	1894 N. Y	8	1	M.	60-60-60	2.00-2.00-2.00
1880 Conn	271	1	(a)	65-65-65	2.89-2.89-2.89	1895 Mass	20	1	M.	58-58-58	4.65-4.65-4.65
1880 Ga	7	2	M.	66-69-68	2.00-2.50-2.25	1895 N. H	7	4	M.	60-60-60	3.00-5.17-4.17
1881 N. H	7	2	M.	65-65-65	3.25-3.33-3.29	1895 Vt	7	1	M.	60-60-60	5.00-5.00-5.00
1882 N. H	7	1	M.	66-66-66	3.50-3.50-3.50	1896 Ga	7	4	M.	66-66-66	2.67-5.00-3.48
1882 S. C	7	1	M.	69-69-69	4.00-4.00-4.00	1896 N. H	7	2	M.	60-60-60	2.50-3.00-2.75
1882 Belgium	36	(a)	M.	70-70-70	1.00-1.00-1.00	1896 R. I	7	1	M.	60-60-60	3.00-3.00-3.00
1882 Canada	33	(a)	(a)	60-60-60	3.00-3.00-3.00	1896 S. C	7	3	M.	66-66-66	3.50-4.50-4.06
1882 Germany	33	(a)	M.	76-76-76	1.10-1.10-1.10						

FOREMEN, ROAD, RAILROAD.

1875 Pa	380	284	M.	(a)	1.50-4.81-1.76	1884 Colombia	178	(a)	(a)	(a)	1.24-1.24-1.24
1876 Pa	381	71	M.	d48-72-59	1.81-3.67-2.23	1884 England	178	(a)	M.	(a)	1.22-1.22-1.22
1877 Pa	382	63	M.	e48-60-59	1.34-4.81-2.46	1885 Pa	389	29	M.	(a)	3.53-3.53-3.53
1878 Pa	383	72	M.	f60-60-60	1.34-4.79-2.44	1887 Mo	4	2	M.	(a)	1.73-2.30-2.02
1879 Pa	384	45	M.	(a)	1.34-4.79-2.80						

FOREMEN, ROLLERS, IRON AND STEEL.

1860 Germany	609	(a)	(a)	(a)	.49- .49- .49	1889 Ohio	5	3	M.	(a)	(h)
1871 Mass	267	1	M.	60-60-60	(g)	1889 W. Va	5	2	M.	(a)	5.00-5.00-5.00
1872 England	185	(a)	(a)	(a)	2.43-2.43-2.43	1889 Belgium	5	(a)	M.	(a)	1.78-2.70- —
1872 Germany	185	(a)	M.	72-72-72	1.80-1.80-1.80	1889 France	5	(a)	M.	(a)	1.85-2.59- —
1873 England	185	(a)	(a)	(a)	3.24-3.24-3.24	1889 Germany	5	(a)	M.	(a)	1.42-2.18- —
1873 Sweden	185	(a)	M.	72-72-72	1.26-1.26-1.26	1889 Italy	5	(a)	M.	(a)	3.38-3.38-3.38
1883 England	43	(a)	(a)	(a)	2.90-4.14- —	1891 Italy	638	(a)	M.	72-72-72	1.16-1.16-1.16
1884 England	178	(a)	M.	54-54-54	3.89-3.89-3.89	1892 France	505	(a)	M.	72-72-72	1.02-1.93- —
1885 Belgium	1	(a)	M.	63-63-63	1.40-1.40-1.40	1893 Italy	639	(a)	M.	72-72-72	1.16-1.16-1.16
1886 Italy	633	(a)	M.	72-72-72	1.16-1.54- —	1893 Lux'burg	128	(a)	M.	(a)	1.88-1.88-1.88
1889 Ill	5	1	M.	60-60-60	6.25-6.25-6.25						

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 14 persons not reported.
f Not including hours of 39 persons not reported.
g $10.00-$10.00-$10.00.
h $6.83-$25.86-$15.17.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, ROOFERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1878 Germany	544	(a) M.	(a)	b.13½-.13⅝-.13½
1886 Germany	548	(a) (a)	(a)	1.03-1.59- —
1887 Wis	409	3 M.	(a)	2.33-2.33-2.33
1888 Germany	558	(a) (a)	66-66-66	1.27-1.59- —
1890 N. Y.	333	9 M.	(a)	3.00-8.33-4.33
1890 Ohio	371	4 (a)	60-60-60	2.00-4.00-3.00
1891 N. Y.	333	9 M.	(a)	3.00-8.33-4.33
1891 Ohio	372	7 M.	54-60-59	1.75-2.50-1.96
1894 Ohio	375	1 M.	60-60-60	2.50-2.50-2.50

FOREMEN (NOT SPECIFIED), ROPE AND TWINE.

1868	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1870	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1875	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1878	N. J	8	3	M.	60-60-60	2.67-2.67-2.67
1878	N. Y.	8	2	M.	60-60-60	2.00-2.00-2.00
1880	N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00
1881	France	501	(a)	M.	(a)	.74-1.01- —
1882	Pa	8	1	M.	60-60-60	2.67-2.67-2.67
1882	France	502	(a)	M.	(a)	.75-1.12- —
1883	Ky	7	1	M.	(a)	1.25-1.25-1.25
1883	France	503	(a)	M.	(a)	.75-1.18- —
1884	Ohio	7	1	M.	60-60-60	2.50-2.50-2.50
1884	France	504	(a)	M.	(a)	.74-1.14- —
1885	Md.	7	1	M.	72-72-72	3.00-3.00-3.00
1890	N. Y.	333	1	M.	(a)	3.00-3.00-3.00
1891	N. Y.	333	6	M.	(a)	1.75-3.00-2.42
1891	France	505	(a)	M.	(a)	1.16-2.32- —
1891	France	522	(a)	(a)	(a)	.74-1.18- —
1891	Italy	639	(a)	M.	(a)	.30- .32- —
1892	Australia	424	(a)	M.	(a)	2.03-3.49- —
1892	France	505	(a)	M.	57-72 —	.72-1.54- —
1894	Australia	425	(a)	(a)	(a)	3.24-3.65- —
1894	France	129	(a)	M.	60-60-60	.90-2.09- —
1895	N. J	8	3	M.	60-60-60	3.33-3.33-3.33
1895	N. Y.	8	1	M.	60-60-60	2.67-2.67-2.67
1895	Pa	8	3	M.	60-60-60	2.50-3.00-2.72
1895	Australia	426	(a)	(a)	(a)	3.24-3.65- —
1896	Ky	7	1	M.	63-63-63	1.15-1.15-1.15
1896	Md.	7	1	M.	69-69-69	3.00-3.00-3.00
1896	N. Y.	8	2	M.	60-60-60	2.67-2.67-2.67
1896	Ohio	7	1	M.	60-60-60	2.50-2.50-2.50
1896	Australia	427	(a)	(a)	(a)	3.24-3.65- —
1897	N. Y.	8	3	M.	60-60-60	1.67-2.50-2.22
1897	Australia	428	(a)	(a)	(a)	3.24-3.65- —
1898	Australia	429	(a)	(a)	(a)	3.24-3.65- —
1898	Denmark	493	(a)	M.	(a)	.94-1.12- —

FOREMEN, ROUNDHOUSE, RAILROAD.

1876	Pa	381	5	M.	70-70-70	2.48-2.48-2.48
1878	France	177	(a)	M.	(a)	2.43-3.17- —
1878	Germany	177	(a)	M.	(a)	1.14-1.96- —
1884	Aust-Hun	178	(a)	M.	(a)	.79-2.10- —
1884	England	178	(a)	M.	(a)	.87- .87- .87
1884	France	178	(a)	M.	(a)	.95-1.79- —
1884	Italy	178	(a)	M.	(a)	1.43-1.75- —
1885	Mich.	279	18	M.	(a)	1.50-3.29-2.40
1886	Kans.	240	2	M.	84-84-84	2.75-2.85-2.80
1886	Ohio	368	1	M.	(a)	2.57-2.57-2.57
1887	Conn.	4	4	M.	(a)	1.78-2.37-1.93
1887	Md.	4	15	M.	(a)	1.50-3.29-2.26
1887	Mass	4	5	M.	(a)	3.50-3.90-3.65
1887	Mo.	4	10	M.	(a)	2.14-4.11-2.93
1887	N. J	4	4	M.	(a)	1.60-3.29-2.58
1887	N. Y.	4	4	M.	(a)	1.15-2.75-1.70
1887	Pa	4	11	M.	(a)	2.14-4.93-3.05
1887	Pa	4	4	M.	(a)	b.13- .25-.21⅛
1887	Wis	4	11	M.	(a)	2.00-3.29-2.91
1893	Mich.	285	8	M.	70-98-81	1.48-3.29-2.00
1894	Iowa	236	1	M.	70-70-70	3.13-3.13-3.13
1895	Mont.	309	2	M.	(a)	4.13-4.13-4.13

FOREMEN (NOT SPECIFIED), RUBBER AND RUBBER GOODS.

1877	Ohio	359	5	M.	(a)	3.00-3.00-3.00
1883	N. J	7	7	M.	60-60-60	2.33-2.67-2.52
1883	Germany	555	(a)	(a)	63-63-63	1.35-1.35-1.35
1884	N. J	323	3	M.	60-60-60	1.25-2.25-1.67
1884	Ohio	366	6	M.	(a)	2.75-2.75-2.75
1884	R. I	7	2	M.	60-60-60	3.33-4.80-4.07
1885	N. J	7	1	M.	55-55-55	2.67-2.67-2.67
1886	England	601	(a)	M.	(a)	1.45-1.45-1.45
1886	Germany	184	(a)	M.	(a)	.86- .86- .86
1887	Conn.	202	4	M.	(a)	2.32-4.63-3.00
1887	Germany	557	(a)	(a)	60-63 —	.65-1.31- —
1888	N. J	326	1	M.	(a)	2.50-2.50-2.50
1888	Germany	558	(a)	(a)	60-63 —	.65-3.04- —
1890	N. Y.	333	1	M.	(a)	3.00-3.00-3.00
1890	Ohio	371	3	(a)	72-72-72	1.50-1.50-1.50
1891	N. Y.	333	1	M.	(a)	3.33-3.33-3.33
1891	France	505	(a)	M.	60-66 —	1.11-2.51- —
1892	France	505	(a)	M.	63-66 —	.97-1.74- —
1892	Germany	184	(a)	M.	(a)	1.19-1.19-1.19
1894	France	129	(a)	M.	(a)	1.11-2.48- —
1895	N. J	7	11	M.	55-60-60	2.17-3.00-2.56
1895	R. I	7	2	M.	59-59-59	3.50-4.17-3.84
1896	Mass	*8	3	M.	60-60-60	1.67-2.40-2.02
1896	R. I	8	4	M.	60-60-60	2.00-4.79-3.32

a Not reported. b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, RULERS, PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 Pa	7	1 M.	59-59-59	3.00-3.00-3.00
1884 England	178	(a) M.	55-55-55	1.62-2.43- —
1885 N. Y.	7	1 M.	59-59-59	5.00-5.00-5.00
1886 Mich.	7	1 M.	60-60-60	3.00-3.00-3.00
1890 N. Y.	333	1 M.	(a)	4.17-4.17-4.17
1891 N. Y.	333	1 M.	(a)	4.17-4.17-4.17
1895 Mass	7	1 M.	59-59-59	5.00-5.00-5.00
1895 N. Y.	7	1 M.	59-59-59	4.17-4.17-4.17
1896 Mich.	7	1 M.	56-56-56	3.00-3.00-3.00
1896 N. Y.	8	1 M.	60-60-60	5.50-5.50-5.50
1896 Pa	7	1 M.	59-59-59	3.33-3.33-3.33
1896 Wis	7	1 M.	72-72-72	3.00-3.00-3.00

FOREMEN, SALT MAKERS.

1876 Pa	381	1 M.	(a)	2.00-2.00-2.00
1877 Ohio	359	5 M.	(a)	3.17-5.00-3.97
1883 Mich.	277	19 M.	(a)	1.50-5.00-3.34
1884 Mich.	278	1 M.	(a)	4.00-4.00-4.00
1884 Aust-Hun.	178	(a) M.	66-66-66	.40- .46- —
1884 Germany	178	(a) M.	(a)	.71-1.09- —
1884 Italy	178	(a) M.	(a)	1.35-1.35-1.35
1885 Mich.	279	24 M.	66-66-66	1.75-4.00-2.56
1885 Ohio	1	4 M.	72-72-72	2.00-3.00-2.50
1887 Ohio	369	1 M.	60-60-60	2.00-2.00-2.00
1888 N. Y.	331	7 M.	58-72-64	1.63-3.33-2.29
1890 N. Y.	333	3 M.	(a)	1.67-2.25-1.89
1890 Netherl'ds	666	(a) M.	(a)	b .67- .67- .67
1891 N. Y.	333	5 M.	(a)	1.53-2.25-1.96
1891 Ohio	372	9 M.	60-72-71	1.25-3.25-2.06
1892 Algeria	505	(a) M.	(a)	1.31-1.31-1.31
1892 France	505	(a) M.	60-70 —	.63-1.16- —

FOREMEN (NOT SPECIFIED), SALT MINING.

1892 France	505	(a) M.	70-81 —	.68-1.06- —
1892 France	505	(a) M.	74-74-74	c.58- .58- .58
1897 Kans.	251	1 M.	66-66-66	3.83-3.83-3.83

FOREMEN, SAW SMITHS.

1879 Mo	293	1 M.	(a)	3.33-3.33-3.33
1879 N. J	7	2 M.	(a)	3.50-3.50-3.50
1879 Ohio	361	7 M.	(a)	3.04-3.04-3.04
1882 Ohio	364	1 (a)	(a)	3.50-3.50-3.50
1884 N. J	323	10 M.	60-60-60	3.33-3.33-3.33
1884 Ohio	366	11 M.	(a)	1.67-4.17-3.27
1890 Ohio	371	1 (a)	60-60-60	3.00-3.00-3.00
1891 France	505	(a) M.	70-70-70	1.83-1.83-1.83
1895 N. J	7	1 M.	54-54-54	4.17-4.17-4.17
1895 Pa	8	13 M.	54-54-54	3.00-7.00-4.42

FOREMEN, SAWYERS, LUMBER AND LUMBER PRODUCTS.

1881 France	501	(a) M.	(a)	.78-1.42- —
1882 France	502	(a) M.	(a)	.79-1.42- —
1884 France	504	(a) M.	(a)	.81-1.43- —
1884 Italy	178	(a) M.	(a)	.60- .60- .60
1886 Germany	548	(a) (a)	(a)	1.43-1.43-1.43
1890 N. Y	333	1 M.	(a)	1.75-1.75-1.75
1890 Netherl'ds	666	(a) M.	(a)	.70- .70- .70
1891 N. Y	333	1 M.	(a)	1.75-1.75-1.75
1891 France	522	(a) (a)	(a)	.92-1.24- —

FOREMEN, SAWYERS, MARBLE AND STONE.

1881 France	501	(a) M.	(a)	.77-1.40- —
1882 France	502	(a) M.	(a)	.79-1.43- —
1883 France	503	(a) M.	(a)	1.00-1.62- —
1884 France	504	(a) M.	(a)	.82-1.62- —
1885 France	503	(a) M.	(a)	.81- .81- .81
1891 France	522	(a) (a)	(a)	*.81-1.40- —

FOREMEN, SCALES MAKERS.

1885 Vt.	1	13 M.	60-60-60	3.50-3.50-3.50
1891 Ohio	372	1 M.	60-60-60	3.00-3.00-3.00
1891 France	505	(a) M.	60-60-60	1.50-2.27- —
1894 N. Y	8	2 M.	60-60-60	2.25-2.25-2.25

a Not reported.
b And lodging, fuel, and light.
c And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, SCREW MAKERS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. Y.	7	1 M.	(a)	2.00-2.00-2.00
1886 Pa	7	1 M.	60-60-60	2.50-2.50-2.50
1887 Germany	557	(a) (a)	60-60-60	1.43-1.98- —
1888 Germany	558	(a) (a)	60-60-60	1.51-1.98- —
1892 Mass	20	1 M.	60-60-60	3.25-3.25-3.25
1896 N. Y.	7	1 M.	60-60-60	2.13-2.13-2.13
1896 Pa	7	1 M.	60-60-60	2.83-2.83-2.83

FOREMEN, SECTION MEN, RAILROAD.

1875	Pa	380	342	M.	(a)	1.20-3.66-1.80	1887	N. C	342	12	M.	j 60-72-71	1.17-1.35-1.33
1876	Pa	381	513	M.	b 48-66-58	1.25-2.61-1.91	1887	Oregon	4	159	M.	(a)	1.92-3.45-2.56
1877	N. J	317	63	M.	(a)	1.92-1.92-1.92	1887	Pa	4	1157	M.	k 60-60-60	1.20-2.88-1.67
1877	Pa	382	382	M.	c 54-84-62	1.25-2.88-1.74	1887	Pa	4	2	M.	(a)	h .15-.22½-.18¾
1878	Pa	383	241	M.	d 54-72-60	1.00-2.30-1.51	1887	R. I	4	16	M.	(a)	1.75-2.88-2.04
1878	Germany	177	(a)	M.	(a)	1.41-1.41-1.41	1887	Va	4	69	M.	(a)	1.53-1.92-1.59
1879	Pa	384	386	M.	e 54-60-60	1.00-3.00-1.55	1887	W. Va	4	66	M.	(a)	1.50-2.30-1.63
1879	Canada	177	(a)	M.	(a)	1.63-2.13- —	1887	Wis	4	247	M.	(a)	1.50-2.50-1.74
1880	Pa	385	2	M.	54-60-57	1.13-1.67-1.40	1888	Colo	198	457	M.	(a)	2.10-2.38-2.22
1882	Ill	206	1183	M.	(a)	1.34-2.30-1.74	1888	Iowa	233	1468	M.	l 57-60-60	1.25-2.00-1.57
1883	Colombia	42	(a)	(a)	(a)	1.53-5.75- —	1888	Kans	242	1297	M.	m 57-70-60	1.33-3.08-1.66
1884	Cal	192	2	M.	60-60-60	2.88-4.60-3.74	1888	Mo	298	657	(a)	(a)	1.47-2.30-1.67
1884	Iowa	231	10	M.	60-60-60	1.10-1.75-1.46	1888	Australia	421	(a)	M.	(a)	2.19-2.19-2.19
1884	Mich	278	2	M.	(a)	1.46-2.30-1.88	1889	Ind	226	1872	M.	n 48-60-60	1.25-2.10-1.53
1884	Pa	388	1371	M.	(a)	1.67-1.67-1.67	1889	Iowa	233	1625	M.	o 60-60-60	1.06-1.97-1.60
1884	Wis	407	304	M.	(a)	1.48-1.95-1.82	1889	Kans	243	1059	M.	p 60-60-60	1.49-1.92-1.64
1884	Canada	178	(a)	M.	f 60-60-60	1.35-3.83- —	1889	Canada	471	(a)	M.	60-61 —	1.65-1.78- —
1884	Colombia	178	(a)	(a)	(a)	1.24-1.24-1.24	1890	Ind	226	2214	M.	q 60-66-61	1.20-1.92-1.62
1884	France	178	(a)	M.	(a)	.67-1.29- —	1890	Iowa	234	1162	M.	(a)	.76-1.88-1.68
1884	Germany	178	(a)	M.	(a)	.51-1.54- —	1891	Ind	227	2670	M.	48-60-58	1.33-1.80-1.57
1884	Hawai. Is	178	(a)	(a)	(a)	2.88-2.88-2.88	1891	Me	257	224	M.	r 60-60-60	1.30-2.00-1.69
1884	Italy	178	(a)	M.	(a)	.42-2.59- —	1891	N. C	354	419	(a)	(a)	1.07-1.73-1.46
1884	Mexico	178	(a)	(a)	(a)	1.53-3.00- —	1892	Ind	227	2781	M.	s 54-60-60	1.34-1.91-1.70
1884	Russia	178	(a)	M.	(a)	.58- .58- .58	1892	Md	263	279	M.	t 60-60-60	1.30-2.50-1.87
1884	Spain	178	(a)	M.	70-70-70	.53- .53- .53	1892	N. C	355	527	(a)	(a)	1.00-1.90-1.43
1884	Venezuela	178	(a)	(a)	(a)	2.30-3.07- —	1892	Australia	424	(a)	M.	48-48-48	2.19-2.19-2.19
1885	Kans	239	2	M.	60-60-60	1.73-2.11-1.92	1892	France	505	(a)	M.	66-66-66	.97-1.54- —
1885	Mich	279	968	M.	(a)	1.16-3.00-1.65	1892	France	505	(a)	M.	(a)	u .72-1.25- —
1885	Mo	296	401	M.	(a)	1.31-1.87-1.44	1892	France	505	(a)	M.	60-60-60	v .53- .97- —
1885	Pa	389	1688	M.	(a)	1.69-1.69-1.69	1892	France	505	(a)	M.	60-60-60	w .63- .97- —
1886	Iowa	232	84	M.	g 60-60-60	1.00-3.00-1.74	1892	France	505	(a)	M.	60-60-60	x .68-1.30- —
1886	Kans	240	175	M.	60-60-60	1.33-2.20-1.48	1893	Ill	10	2	M.	60-72-66	1.40-2.50-1.95
1886	Argentina	57	(a)	M.	(a)	1.53-1.73- —	1893	Ind	228	2815	M.	y 48-60-59	.93-2.10-1.65
1887	Conn	4	133	M.	(a)	1.50-2.88-1.89	1893	Kans	247	193	M.	z 60-60-60	1.73-1.92-1.80
1887	Del	4	29	M.	(a)	1.53-2.68-1.73	1893	Md	263	5	M.	60-60-60	1.73-1.73-1.73
1887	Del	4	3	M.	(a)	h .17- .20- .19	1893	Mich	285	137	M.	(aa)	1.42-2.88-1.74
1887	Fla	4	94	M.	(a)	1.35-1.92-1.69	1893	Mont	307	2	M.	54-54-54	2.24-3.26-2.75
1887	Ill	298	177	(a)	(a)	1.84-1.84-1.84	1893	N. C	347	475	M.	(a)	.49-1.68-1.43
1887	Kans	241	840	M.	i 57-60-59	1.50-2.00-1.59	1893	N. Zealand	668	(a)	M.	48-48-48	1.83-1.83-1.83
1887	Md	4	477	M.	(a)	1.10-2.88-1.61	1894	Ind	228	2506	M.	(bb)	1.26-1.80-1.63
1887	Mass	4	210	M.	(a)	1.50-4.25-2.43	1894	Iowa	236	7	M.	60-60-60	1.50-1.92-1.70
1887	Mich	4	47	M.	(a)	1.50-2.00-1.52	1894	Mont	308	369	M.	(a)	1.57-2.57-1.93
1887	Mo	4	782	M.	(a)	1.25-4.41-1.78	1894	N. H	316	1	M.	59-59-59	1.92-1.92-1.92
1887	Mo	298	304	(a)	(a)	1.36-1.96-1.79	1894	N. C	348	472	M.	(a)	1.02-2.00-1.47
1887	Nebr	312	587	(a)	60-60-60	1.36-3.83-1.79	1894	W. Va	406	381	M.	(a)	1.25-2.30-1.59
1887	N. J	4	166	M.	(a)	1.50-2.11-1.74	1895	Ind	229	2046	M.	cc 60-72-61	1.26-1.84-1.64
1887	N. Y	4	485	M.	(a)	1.15-5.75-1.75	1895	Iowa	237	1461	(a)	(a)	.98-2.02-1.65

a Not reported.
b Not including hours of 108 persons not reported.
c Not including hours of 202 persons not reported.
d Not including hours of 77 persons not reported.
e Not including hours of 345 persons not reported.
f Applies to but 3 of the 11 wage quotations.
g Not including hours of 55 persons not reported.
h Per hour.
i Not including hours of 11 persons not reported.
j Not including hours of 1 person not reported.
k Not including hours of 640 persons not reported.
l Not including hours of 606 persons not reported.
m Not including hours of 138 persons not reported.
n Not including hours of 410 persons not reported.
o Not including hours of 1,065 persons not reported.
p Not including hours of 66 persons not reported.
q Not including hours of 149 persons not reported.
r Not including hours of 222 persons not reported.
s Not including hours of 436 persons not reported.
t Not including hours of 203 persons not reported.
u And lodging.
v And lodging and premiums.
w And lodging, premiums, and *gratifications*.
x And *gratifications*.
y Not including hours of 152 persons not reported.
z Not including hours of 171 persons not reported.
aa 57-69-60 hours; not including hours of 2 persons not reported.
bb 48-60-68 hours; not including hours of 121 persons not reported.
cc Not including hours of 578 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, SECTION MEN, RAILROAD—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Mich.....	287	1 M.	(a)	1.50-1.50-1.50
1895 Mont.....	309	441 M.	(a)	1.58-2.64-1.92
1895 N. C.....	349	499 M.	(a)	1.02-1.76-1.43
1896 Ind	229	2351 M.	b 48-72-59	1.20-2.45-1.65
1896 Iowa.....	237	1399 (a)	(a)	.98-2.21-1.64
1896 Mo.....	305	835 (a)	(a)	1.33-2.57-1.63
1896 Mont.....	310	432 M.	(a)	1.60-2.61-1.89
1896 N. C.....	350	502 M.	(a)	1.00-1.91-1.40
1896 Hawai. Is .	184	(a) M.	(a)	2.88-2.88-2.88
1896 Mexico ...	184	(a) M.	(a)	.51-1.73- —
1897 Iowa.....	238	1488 (a)	(a)	1.21-2.30-1.64
1897 Kans.....	251	25 (a)	c 60-84-69	1.32-1.97-1.56
1897 Md.....	265	234 (a)	d 54-60-59	1.25-2.05-1.67
1897 Mich.....	289	18 (a)	60-63-60	1.50-2.30-1.77
1897 Mont.....	311	452 (a)	(a)	1.56-2.64-1.84
1897 N. C.....	351	458 (a)	(a)	.75-1.78-1.33
1898 Ind	230	2523 (a)	e 48-72-60	0.50-2.25-1.62
1898 Iowa.....	238	1502 (a)	(a)	1.23-1.90-1.63
1898 Kans.....	252	824 M.	f 60-60-60	1.59-1.93-1.74
1898 Mo.....	306	998 (a)	48-72-61	1.17-1.93-1.58
1898 Nebr.....	314	371 (a)	g 60-60-60	1.50-1.92-1.52
1898 N. J.....	329	212 M.	(a)	1.49-1.78-1.73
1898 N. C.....	352	455 (a)	(a)	.60-2.00-1.30
1898 Wash	405	295 (a)	(a)	1.61-3.12-2.37
1899 N. J.....	18	158 (a)	(a)	1.80-1.80-1.80
1899 N. Y.....	18	364 (a)	(a)	1.58-1.66-1.64
1899 N. C.....	353	2 M.	72-72-72	1.25-1.35-1.30
1899 N. C.....	356	483 (a)	(a)	.99-1.83-1.34
1899 Pa	18	431 (a)	60-60-60	1.25-2.88-1.81
1899 Va	404	693 (a)	(a)	1.12-1.80-1.33
1900 N. J.....	18	150 (a)	(a)	1.82-1.82-1.82
1900 Pa	18	454 (a)	60-60-60	1.25-2.88-1.84

FOREMEN (NOT SPECIFIED), SHAWLS.

1881	France....	501	(a)	M.	(a)	.82-1.54- —	1884	France....	504	(a) M.	(a)	.82-1.54- —
1882	France....	502	(a)	M.	(a)	.82-1.54- —	1891	France....	522	(a) (a)	(a)	1.21-1.59- —
1883	France....	503	(a)	M.	(a)	.82-1.54- —						

FOREMEN, SHIFTERS, COAL MINING.

1861	England ..	564	(a)	(a)	(a)	1.01-1.01-1.01	1880	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1868	England ..	567	(a)	M.	48-48-48	.85-1.16- —	1881	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1871	England ..	577	(a)	M.	46-46-46	1.05-1.05-1.05	1882	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1872	England ..	577	(a)	M.	46-46-46	1.58-1.58-1.58	1883	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1873	England ..	185	(a)	M.	(a)	h .97-1.82- —	1884	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1873	England ..	577	(a)	M.	46-46-46	1.91-1.91-1.91	1885	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1874	England ..	577	(a)	M.	46-46-46	1.91-1.91-1.91	1886	England ..	577	(a) M.	46-46-46	1.38-1.38-1.38
1875	England ..	577	(a)	M.	46-46-46	1.70-1.70-1.70	1886	England ..	602	(a) M.	(a)	1.23-1.23-1.23
1876	England ..	577	(a)	M.	46-46-46	1.70-1.70-1.70	1887	England ..	577	(a) M.	46-46-46	1.30-1.30-1.30
1877	England ..	570	(a)	M.	48-48-48	.87-1.19- —	1888	England ..	577	(a) M.	46-46-46	1.30-1.30-1.30
1877	England ..	577	(a)	M.	46-46-46	1.50-1.50-1.50	1889	England ..	577	(a) M.	(a)	1.50-1.50-1.50
1878	England ..	577	(a)	M.	46-46-46	1.38-1.38-1.38	1890	England ..	577	(a) M.	(a)	1.62-1.62-1.62
1879	England ..	577	(a)	M.	46-46-46	1.38-1.38-1.38	1891	England ..	577	(a) M.	(a)	1.62-1.62-1.62
1880	England ..	571	(a)	M.	48-54 —	.89-1.34- —						

FOREMEN, SHINGLE MAKERS.

1883	Mich.....	277	20	M.	(a)	2.00-5.00-3.40	1894	Iowa.....	236	1 M.	60-60-60	2.30-2.30-2.30
1888	N. Y.....	331	1	M.	60-60-60	2.00-2.00-2.00						

FOREMEN (NOT SPECIFIED), SHIPBUILDING.

1856	Scotland ..	562	(a)	M.	(a)	.85-1.22- —	1866	Ireland ...	566	(a) M.	60-60-60	1.58-1.58-1.58
1857	Scotland ..	562	(a)	M.	(a)	1.22-1.22-1.22	1866	Scotland ..	566	(a) M.	59-59-59	1.22-1.82- —
1858	England ..	562	(a)	M.	(a)	1.46-1.46-1.46	1868	England ..	567	(a) M.	60-60-60	1.46-1.95- —
1858	Ireland ...	562	(a)	M.	(a)	1.46-1.95- —	1868	Scotland ..	567	(a) M.	59-59-59	1.05-1.82- —
1858	Scotland ..	562	(a)	M.	(a)	1.22-1.22-1.22	1870	Norway ...	610	(a) M.	(a)	1.08-2.16- —
1861	England ..	564	(a)	(a)	(a)	1.22-1.70- —	1871	Norway ...	185	(a) M.	(a)	1.08-2.15- —
1866	England ..	566	(a)	M.	60-63 —	1.70-2.56- —	1874	Pa	380	31 M.	(a)	4.17-5.33-4.67

a Not reported.
b Not including hours of 120 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 172 persons not reported.
e Not including hours of 122 persons not reported.
f Not including hours of 815 persons not reported.
g Not including hours of 353 persons not reported.
h And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), SHIPBUILDING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 England ..	185	(a)	(a)	54-54-54	1.82-2.42- —	1884 Turk. in A.	178	(a)	(a)	66-66-66	1.63-2.45- —
1874 Ireland ...	569	(a)	M.	55-55-55	1.58-1.58-1.58	1885 Me	1	7	M.	60-60-60	2.00-4.50-2.82
1874 Scotland ..	185	(a)	M.	51-51-51	1.82-1.82-1.82	1886 England ..	604	(a)	M.	54-54-54	1.79-2.19- —
1874 Scotland ..	569	(a)	M.	51-51-51	1.62-1.62-1.62	1886 Netherl'ds	456	(a)	(a)	66-66-66	1.01-1.01-1.01
1877 Ireland ...	570	(a)	M.	54-54-54	1.66-1.66-1.66	1886 Scotland ..	604	(a)	M.	d54-54-54	1.50-1.84- —
1877 Scotland ..	570	(a)	M.	51-51-51	1.93-1.93-1.93	1886 Wales	604	(a)	M.	54-54-54	1.46-2.58- —
1880 England ..	571	(a)	M.	54-54-54	2.43-2.43-2.43	1887 Wis	409	6	M.	(a)	3.47-3.47-3.47
1880 Scotland ..	571	(a)	M.	54-54-54	1.62-2.03- —	1887 Netherl'ds	598	(a)	(a)	66-66-66	1.01-1.01-1.01
1881 Scotland ..	29	(a)	(a)	54-54-54	2.08-2.08-2.08	1888 N. Y.....	331	4	M.	60-60-60	2.50-3.00-2.88
1882 Scotland ..	37	(a)	M.	54-54-54	2.00-2.00-2.00	1891 Me	257	1	M.	60-60-60	4.00-4.00-4.00
1883 England ..	572	(a)	M.	53-54 —	1.87-3.00- —	1891 Aust-Hun .	619	(a)	M.	(a)	.84- .98- —
1883 Ireland ...	572	(a)	M.	54-54-54	1.76-1.76-1.76	1892 Australia..	424	(a)	M.	(a)	2.43-7.30- —
1883 Scotland ..	572	(a)	M.	54-54-54	1.46-2.60- —	1892 France....	505	(a)	M.	57-63 —	.97-3.09- —
1884 Ohio	366	9	M.	(a)	3.00-4.00-3.36	1894 Me	260	2	M.	60-60-60	4.00-4.00-4.00
1884 Canada ...	178	(a)	M.	60-60-60	2.00-2.50- —	1894 Australia .	425	(a)	(a)	(a)	2.43-5.68- —
1884 Ecuador ..	178	(a)	M.	60-60-60	2.00-3.00- —	1895 Australia .	426	(a)	(a)	(a)	2.43-5.68- —
1884 France	178	(a)	M.	60-60-60	1.54-1.93- —	1896 Australia .	427	(a)	(a)	(a)	2.43-5.68- —
1884 Germany .	178	(a)	M.	b60-64 —	1.00-2.89- —	1896 Canada ...	482	(a)	(a)	(a)	3.33-4.17- —
1884 Gibraltar..	178	(a)	M.	56-56-56	1.25-1.83- —	1897 Australia .	428	(a)	(a)	(a)	2.43-5.68- —
1884 Netherl'ds	178	(a)	M.	60-60-60	1.00-1.00-1.00	1898 Australia .	429	(a)	(a)	(a)	2.43-5.68- —
1884 Spain	178	(a)	M.	c60-60-60	1.45-3.33- —						

FOREMEN, SHIP CARPENTERS.

1870 Del	190	2	M.	60-60-60	3.00-3.00-3.00	1884 Germany .	178	(a)	M.	60-60-60	.83- 95- —
1871 Del	190	2	M.	60-60-60	3.00-3.00-3.00	1884 Italy	178	(a)	M.	60-60-60	.58-1.35- —
1872 Del	190	2	M.	60-60-60	3.00-3.00-3.00	1884 S'ra Leone	178	(a)	M.	48-48-48	1.80-1.80-1.80
1873 Del	190	2	M.	60-60-60	3.50-3.50-3.50	1884 Venezuela	178	(a)	(a)	60-60-60	3.00-4.00- —
1874 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1885 Del	190	2	M.	60-60-60	4.00-4.00-4.00
1875 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1886 Del	190	2	M.	60-60-60	4.00-4.00-4.00
1876 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1886 Italy	633	(a)	M.	60-66 —	.77-2.12- —
1877 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1887 Del	190	2	M.	60-60-60	4.00-4.00-4.00
1878 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1888 Del	190	2	M.	60-60-60	4.00-4.00-4.00
1879 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1889 Del	190	2	M.	60-60-60	4.00-4.00-4.00
1880 Japan	21	(a)	(a)	(a)	1.92-2.30- —	1890 Del	190	2	M.	60-60-60	4.00-4.33-4.17
1881 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1891 Del	190	2	M.	60-60-60	4.00-4.33-4.17
1882 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1894 C.of G'd H.	487	(a)	M.	(a)	4.20-4.20-4.20
1883 Del	190	2	M.	60-60-60	4.00-4.00-4.00	1898 Denmark .	493	(a)	M.	(a)	1.34-1.61- —
1884 Del	190	2	M.	60-60-60	4.00-4.00-4.00						

FOREMEN, SHIPPERS.

1885 Conn.....	7	1	M.	(a)	2.00-2.00-2.00	1895 Mass	7	3	M.	60-60-60	3.00-4.17-3.64
1885 N. Y.....	7	2	M.	e54-54-54	2.50-2.50-2.50	1895 N. Y.....	7	3	M.	54-59-57	2.50-3.00-2.72
1887 Conn.....	202	1	M.	(a)	2.77-2.77-2.77	1896 Conn.....	8	1	M.	60-60-60	4.00-4.00-4.00
1890 N. Y.....	333	1	M.	(a)	2.50-2.50-2.50	1896 Md.....	7	2	M.	60-60-60	2.00-3.17-2.59
1891 N. Y.....	333	1	M.	(a)	2.50-2.50-2.50	1896 N. Y.....	7	1	M.	60-60-60	1.50-1.50-1.50
1895 Me.....	7	1	M.	60-60-60	2.50-2.50-2.50						

FOREMEN, SHIRT MAKERS.

1885 N. Y.....	7	1	M.	56-56-56	3.08-3.08-3.08	1890 N. Y.....	333	2	M.	(a)	2.58-3.33-2.96
1886 Pa	7	1	M.	59-59-59	3.67-3.67-3.67	1890 Ohio	371	1	(a)	60-60-60	2.00-2.00-2.00
1888 N. J	326	2	M.	(a)	2.33-2.33-2.33	1891 N. Y.....	333	2	M.	(a)	2.58-3.33-2.96
1888 N. Y.....	331	5	M.	59-59-59	2.67-3.33-3.20	1895 N. Y.....	7	1	M.	56-56-56	3.00-3.00-3.00

a Not reported.
b Applies to but 23 of the 27 wage quotations.
c Applies to but 2 of the 6 wage quotations.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, SHOP, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1870 Norway ...	185	(a)	M.	(a)	1.03-1.44- —	1887 Kans.....	241	4	M.	60-60-60	1.75-3.33-2.38
1871 Brazil	611	(a)	M.	(a)	3.36-3.73- —	1887 Md.....	4	20	M.	(a)	2.10-3.83-2.70
1876 Pa	381	126	M.	b48-66-55	2.10-11.50-3.06	1887 Mass	4	4	M.	(a)	1.75-4.80-2.64
1877 Pa	382	13	M.	c48-48-48	2.30-3.83-3.13	1887 Mich.....	4	2	M.	(a)	3.45-5.75-4.60
1878 Ohio	360	13	M.	(a)	4.50-4.50-4.50	1887 Mo.....	4	4	M.	(a)	2.30-4.79-3.33
1878 Pa	383	11	M.	54-54-54	3.55-3.55-3.55	1887 N. Y.....	4	2	M.	(a)	3.45-13.33-8.39
1878 Germany .	177	(a)	M.	(a)	1.69-1.69-1.69	1887 N. C.....	342	2	M.	60-60-60	3.75-3.75-3.75
1879 Pa	384	51	M.	(a)	1.92-5.18-3.06	1887 Oregon....	4	4	M.	(a)	4.22-4.98-4.74
1884 Canada ...	178	(a)	M.	60-60-60	2.00-2.75- —	1887 Pa	4	14	M.	(a)	2.68-5.18-3.43
1884 Canada ...	466	(a)	M.	60-60-60	2.52-2.52-2.52	1887 Pa	4	4	M.	(a)	e .17½-.25-.21½
1884 C. of G'd H.	178	(a)	(a)	(a)	3.04-3.04-3.04	1887 Va	4	3	M.	(a)	3.07-3.45-3.20
1884 Colombia .	178	(a)	(a)	60-60-60	2.69-2.69-2.69	1887 Canada ...	469	(a)	M.	60-60-60	1.82-1.89- —
1884 England ..	178	(a)	M.	(a)	1.62-2.43- —	1887 Germany..	557	(a)	(a)	60-63 —	.95-1.39- —
1884 France....	178	(a)	M.	(a)	1.53-2.88- —	1888 Germany..	558	(a)	(a)	60-60-60	.83-1.39- —
1884 Germany .	178	(a)	M.	60-60-60	1.04-1.98- —	1889 Australia .	432	(a)	M.	(a)	4.66-7.77- —
1884 Italy	178	(a)	M.	(a)	1.20-3.83- —	1891 Nicaragua	44	(a)	(a)	(a)	4.89-4.89-4.89
1884 Peru	178	(a)	M.	54-54-54	4.73-4.73-4.73	1892 France....	505	(a)	M.	f 60-60-60	1.21-2.90- —
1884 Russia	178	(a)	M.	(a)	1.84-1.84-1.84	1892 France...	505	(a)	M.	g 57-60 —	h .87-2.90- —
1884 Russia	178	(a)	M.	(a)	d1.84-3.22- —	1893 Mich.....	285	2	M.	51-60-56	2.99-3.45-3.22
1884 Switzerl'd.	178	(a)	M.	(a)	.65-1.59- —	1893 Mont.....	307	1	M.	54-54-54	4.79-4.79-4.79
1885 Iowa	231	2	M.	57-57-57	3.00-3.00-3.00	1893 N. Zealand	668	(a)	M.	(a)	2.55-2.55-2.55
1886 Iowa	232	7	M.	60-60-60	2.81-2.81-2.81	1894 Iowa	236	1	M.	60-60-60	3.46-3.46-3.46
1886 Kans.....	240	1	M.	60-60-60	3.33-3.33-3.33	1894 N. Zealand	669	(a)	M.	(a)	2.56-2.56-2.56
1886 Canada ...	468	(a)	M.	59-59-59	2.37-2.37-2.37	1895 N. Zealand	670	(a)	M.	(a)	2.92-3.65- —
1886 Germany .	76	(a)	M.	(a)	1.48-1.82- —	1896 N. Zealand	671	(a)	M.	(a)	3.22-3.24- —
1886 Germany .	548	(a)	(a)	(a)	.95-1.19- —	1897 N. Zealand	672	(a)	M.	(a)	3.16-3.41- —
1886 Italy	633	(a)	M.	63-63-63	1.35-1.35-1.35	1898 Nebr	314	2	(a)	60-60-60	2.75-3.20-2.98
1887 Conn.....	4	1	M.	(a)	3.19-3.19-3.19	1898 N. Zealand	673	(a)	M.	(a)	2.95-3.31- —
1887 Fla.....	4	3	M.	(a)	3.83-3.83-3.83	1899 N. Zealand	674	(a)	M.	(a)	3.11-3.65- —

FOREMEN (NOT SPECIFIED), SILVER GOODS.

1855 N. Y.....	8	1	M.	60-60-60	3.33-3.33-3.33	1892 Germany .	184	(a)	M.	(a)	1.31-1.98- —
1886 Germany .	184	(a)	M.	(a)	1.31-1.31-1.31	1896 Conn.....	8	3	M.	60-60-60	4.00-4.00-4.00
1887 Germany .	557	(a)	(a)	57-60 —	1.43-1.71- —	1896 R. I	8	5	M.	60-60-60	6.67-6.67-6.67
1888 Germany .	558	(a)	(a)	60-60-60	1.37-2.30- —	1897 Conn.....	8	5	M.	60-60-60	3.00-4.00-3.75
1891 Germany .	184	(a)	M.	(a)	1.98-1.98-1.98						

FOREMEN (NOT SPECIFIED), SILVER MINING.

1884 Mexico ...	178	(a)	(a)	i 60-60-60	.50-4.37- —	1886 Mexico ...	63	(a)	M.	48-48-48	1.00-1.00-1.00

FOREMEN, SMELTERS.

1884 Russia	55	(a)	(a)	(a)	.58- .58- .58	1893 Mont.....	307	5	M.	j 54-60-56	4.00-7.00-5.56
1890 Australia .	423	(a)	(a)	72-72-72	2.92-2.92-2.92	1895 Aust-Hun .	440	(a)	M.	(a)	.81- .89- —
1890 Spain	632	(a)	M.	(a)	1.35-1.54- —	1896 Aust-Hun .	441	(a)	M.	(a)	.82- .93- —
1891 Kans.....	245	14	M.	60-60-60	1.75-4.00-2.95						

a Not reported.
b Not including hours of 79 persons not reported.
c Not including hours of 3 persons not reported.
d And lodging.
e Per hour.
f Applies to but 4 of the 9 wage quotations.
g Applies to but 6 of the 11 wage quotations.
h And *gratifications*.
i Applies to but 4 of the 5 wage quotations.
j Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, SOAP AND CANDLE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1852	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1855	England	561	(a)	(a)	(a)	.89- .89- .89
1856	England	561	(a)	(a)	(a)	1.01-1.01-1.01
1857	England	561	(a)	(a)	(a)	1.01-1.01-1.01
1858	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1858	England	563	(a)	M.	63-63-63	1.01-1.01-1.01
1859	England	563	(a)	M.	63-63-63	1.01-1.01-1.01
1860	England	564	(a)	(a)	63-63-63	1.01-1.01-1.01
1861	England	564	(a)	(a)	63-63-63	1.01-1.01-1.01
1863	England	565	(a)	(a)	63-63-63	1.01-1.01-1.01
1866	Scotland	566	(a)	M.	60-60-60	1.46-1.46-1.46
1871	England	568	(a)	M.	69-69-69	.97- .97- .97
1871	Ireland	568	(a)	M.	(a)	.85- .85- .85
1871	Netherl'ds	611	(a)	M.	72-72-72	.73- .73- .73
1872	England	185	(a)	M.	69-69-69	.97- .97- .97
1872	Ireland	185	(a)	M.	(a)	.83- .83- .83
1872	Netherl'ds	185	(a)	M.	72-72-72	.72- .72- .72
1877	Ohio	359	5	M.	(a)	2.50-3.33-3.00
1877	England	570	(a)	M.	56-57 —	1.62-4.05- —
1879	Ohio	361	13	M.	(a)	2.83-2.83-2.83
1880	Pa	7	1	M.	60-60-60	1.75-1.75-1.75
1880	Pa	8	1	M.	60-60-60	3.00-3.00-3.00
1880	England	571	(a)	M.	54-62 —	1.22-1.85- —
1881	Mich	7	1	M.	60-60-60	4.10-4.10-4.10
1881	France	501	(a)	M.	(a)	.74-1.21- —
1882	France	502	(a)	M.	(a)	.76-1.24- —
1883	England	572	(a)	M.	b65-65-65	1.22-1.30- —
1883	France	503	(a)	M.	(a)	.76-1.30- —
1883	Germany	555	(a)	(a)	66-66-66	1.19-1.19-1.19
1883	Germany	555	(a)	(a)	66-66-66	c1.19-1.19-1.19
1884	Aust-Hun	178	(a)	M.	60-60-60	1.67-2.00- —
1884	Colombia	178	(a)	(a)	60-60-60	.67-2.02- —
1884	France	504	(a)	M.	(a)	.77-1.34- —
1884	Germany	178	(a)	M.	(a)	.71-1.19- —
1884	Germany	556	(a)	(a)	66-66-66	1.19-1.79- —
1884	Italy	178	(a)	M.	(a)	.58- .77- —
1884	Spain	178	(a)	M.	60-60-60	.77- .77- .77
1885	Mo	7	1	M.	60-60-60	2.50-2.50-2.50
1885	N. J	7	2	M.	60-60-60	2.42-4.17-3.30
1886	N. Y.	7	3	M.	d60-60-60	2.00-2.50-2.17
1886	Germany	175	(a)	(a)	(a)	1.17-1.17-1.17
1886	Germany	548	(a)	(a)	(a)	1.19-1.67- —
1887	Wis	409	5	M.	(a)	3.40-3.40-3.40
1887	Germany	557	(a)	(a)	60-66 —	1.19-2.06- —
1888	N. Y.	331	8	M.	e52-60-57	1.67-4.00-2.15
1888	Germany	558	(a)	(a)	60-66 —	.79-2.14- —
1890	N. Y.	333	16	M.	(a)	2.32-5.75-3.24
1890	Ohio	371	2	(a)	57-60-59	2.25-4.00-3.13
1890	Netherl'ds	666	(a)	M.	(a)	f.06- .06- .06
1891	N. Y.	333	16	M.	(a)	2.00-5.75-3.16
1891	Ohio	372	2	M.	57-60-59	2.25-5.00-3-63
1891	France	102	(a)	M.	66-66-66	1.27-1.27-1.27
1891	France	505	(a)	M.	60-60-60	1.71-1.71-1.71
1891	France	522	(a)	(a)	(a)	.77-1.35- —
1891	Italy	638	(a)	M.	54-54-54	.63-1.35- —
1892	Australia	424	(a)	M.	(a)	.81-3.65- —
1892	France	505	(a)	M.	54-70 —	.77-3.86- —
1892	France	505	(a)	M.	63-63-63	g.97-1.35- —
1893	Ill.	10	1	M.	60-60-60	2.50-2.50-2.50
1893	Italy	639	(a)	M.	54-54-54	.63-1.35- —
1894	Ohio	375	1	M.	60-60-60	1.83-1.83-1.83
1894	Australia	425	(a)	(a)	(a)	1.82-3.65- —
1894	C. of G'd H.	487	(a)	M.	66-66-66	1.82-1.82-1.82
1895	Mo	7	1	M.	60-60-60	2.50-2.50-2.50
1895	Mo	304	1	M.	(a)	4.17-4.17-4.17
1895	N. J	7	2	M.	55-55-55	3.17-5.00-4.09
1895	N. Y.	8	3	M.	60-60-60	2.50-2.50-2.50
1895	Australia	426	(a)	(a)	(a)	1.82-3.65- —
1896	Mich.	7	1	M.	58-58-58	4.10-4.10-4.10
1896	N. Y.	7	4	M.	60-60-60	1.67-3.00-2.38
1896	N. Y.	8	2	M.	60-60-60	2.00-3.00-2.50
1896	Pa	7	3	M.	59-59-59	2.00-2.00-2.00
1896	Australia	427	(a)	(a)	(a)	1.82-3.65- —
1896	Canada	482	(a)	(a)	(a)	4.17-4.17-4.17
1897	Italy	641	(a)	M.	(a)	.97- .97- .97
1898	Mo.	306	15	M.	(a)	2.99-2.99-2.99

FOREMEN, SOLDERERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1881	Mass	7	1	M.	60-60-60	3.50-3.50-3.50
1887	Conn.	202	1	M.	(a)	7.55-7.55-7.55
1895	Mass	7	1	M.	60-60-60	4.00-4.00-4.00
1895	W. Va	7	1	M.	60-60-60	2.50-2.50-2.50
1896	Md.	7	1	M.	(a)	3.33-3.33-3.33
1896	Russia	184	(a)	(a)	(a)	.78- .78- .78

FOREMEN, STABLEMEN.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882	N. C.	7	1	M.	60-60-60	1.33-1.33-1.33
1882	Ohio	364	7	(a)	84-98-91	1.40-2.14-1.61
1883	Mass	273	1	M.	(a)	1.71-1.71-1.71
1884	Mich.	278	3	M.	(a)	1.75-3.00-2.19
1884	Pa	7	1	M.	54-54-54	2.08-2.08-2.08
1884	Pa	388	54	M.	(h)	1.10-2.95-2.34
1884	Germany	178	(a)	M.	70-70-70	i1.32-1.64- —
1885	Mo	296	2	M.	(a)	2.86-2.86-2.86
1885	Pa	7	1	M.	(a)	1.43-1.43-1.43
1885	Pa	389	48	M.	70-112-92	1.10-3.00-2.04
1886	R. I	7	1	M.	60-60-60	2.50-2.50-2.50
1887	Mo	297	5	M.	70-105-85	1.67-3.27-2.51
1887	Pa	4	1	M.	(a)	2.47-2.47-2.47
1887	W. Va	4	1	M.	(a)	1.25-1.25-1.25
1888	N. Y.	331	5	M.	70-70-70	1.93-3.83-2.88
1888	Ohio	370	7	M.	j70-84-75	1.50-3.00-2.45
1890	N. Y.	333	6	M.	(a)	1.48-3.33-2.29
1891	Mich.	191	1	M.	70-70-70	1.50-1.50-1.50
1891	N. Y.	333	10	M.	(a)	1.38-3.33-2.04
1891	Wis	411	1	M.	(a)	1.85-1.85-1.85
1892	Mich.	191	1	M.	70-70-70	1.50-1.50-1.50
1892	N. Y.	20	1	M.	(a)	i1.57-1.57-1.57
1892	Pa	20	1	M.	70-70-70	1.43-1.43-1.43
1893	Ill.	10	1	M.	(k)	1.43-1.43-1.43
1893	Md.	10	1	M.	78-78-78	2.00-2.00-2.00
1893	Mich.	191	1	M.	70-70-70	1.50-1.50-1.50
1893	N. Y.	10	1	M.	98-98-98	2.00-2.00-2.00
1893	N. Y.	20	1	M.	(a)	i1.57-1.57-1.57
1893	Pa	10	2	M.	70-84-77	1.71-2.63-2.17
1893	Pa	20	1	M.	70-70-70	1.43-1.43-1.43

a Not reported.
b Applies to but 1 of the 2 wage quotations
c And rent.
d Not including hours of 1 person not reported.
e Not including hours of 2 persons not reported.
f Per hour.
g And fuel.
h 77-119-97 hours; not including hours of 1 person not reported.
i And rent, fuel, and light.
j Not including hours of 4 persons not reported.
k 112-112-112 hours.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, STABLEMEN—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Mich	191	1 M.	70-70-70	1.50-1.50-1.50
1894 N. Y	20	1 M.	(a)	b1.57-1.57-1.57
1894 Ohio	375	1 M.	70-70-70	2.30-2.30-2.30
1894 Pa	20	1 M.	70-70-70	1.43-1.43-1.43
1894 Wis	412	1 M.	(a)	1.85-1.85-1.85
1895 Mich	191	1 M.	70-70-70	1.50-1.50-1.50
1895 Mich	287	13 M.	(a)	1.00-3.33-1.71
1895 N. Y	20	1 M.	(a)	b1.57-1.57-1.57
1895 N. C	7	1 M.	60-60-60	2.50-2.50-2.50
1895 Ohio	376	4 M.	70-84-77	2.00-2.50-2.33
1895 Pa	20	1 M.	70-70-70	1.43-1.43-1.43
1896 Md	7	1 M.	60-60-60	2.50-2.50-2.50
1896 Mich	191	1 M.	70-70-70	1.50-1.50-1.50
1896 Pa	7	2 M.	54-60-57	1.67-2.33-2.00
1896 R. I	7	1 M.	60-60-60	2.33-2.33-2.33
1898 Pa	18	1 M.	(a)	1.55-1.55-1.55
1899 Pa	18	2 M.	(a)	1.72-2.30-2.01

FOREMEN, STARCH MAKERS.

1868	Germany	610	(a)	M.	72-72-72	.37- .37- .37	1886	N. Y	7	1 M.	60-60-60	1.83-1.83-1.83
1877	Ohio	359	1	M.	(a)	3.00-3.00-3-00	1891	N. Y	333	16 M.	(a)	1.67-6.38-2.99
1884	Ohio	366	2	M.	(a)	3.17-3.17-1.17	1896	N. Y	7	1 M.	60-60-60	1.83-1.83-1.83
1885	Me	1	7	M.	72-72-72	3.50-3.50-3.50						

FOREMEN, STEAM FITTERS.

1890	Minn	292	10	M.	(a)	3.00-3.00-3.00	1896	N. Y	14	18 M.	48-48-48	3.76-4.00-3.89

FOREMEN, STEREOTYPERS.

1870	N. Y	190	1	(a)	(a)	4.17-4.17-4.17	1885	N. Y	190	1 (a)	(a)	3.00-3.00-3.00
1871	N. Y	190	1	(a)	(a)	4.17-4.17-4.17	1886	N. Y	190	1 (a)	(a)	3.00-3.00-3.00
1873	N. Y	190	1	(a)	(a)	4.17-4.17-4.17	1887	N. Y	190	1 (a)	(a)	3.00-3.00-3.00
1874	N. Y	190	1	(a)	(a)	4.17-4.17-4.17	1887	Germany	557	(a) (a)	57-57-57	1.79-1.79-1.79
1875	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1888	N. Y	190	1 (a)	(a)	3.50-3.50-3.50
1876	N. Y	190	1	(a)	(a)	4.17-4.17-4.17	1888	Canada	470	(a) M.	48-48-48	2.42-2.42-2.42
1877	N. Y	190	1	(a)	(a)	3.83-3.83-3.83	1888	Germany	558	(a) (a)	57-57-57	1.84-1.84-1.84
1878	N. Y	190	1	(a)	(a)	3.50-3.50-3.50	1889	N. Y	190	1 (a)	(a)	3.50-3.50-3.50
1879	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1892	Australia	424	(a) M.	(a)	2.43-3.41- —
1880	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1894	Australia	425	(a) (a)	(a)	2.43-4.06- —
1881	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1895	Australia	426	(a) (a)	(a)	2.43-4.06- —
1882	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1896	Australia	427	(a) (a)	(a)	2.84-4.06- —
1883	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1897	Australia	428	(a) (a)	(a)	2.84-4.87- —
1884	N. Y	190	1	(a)	(a)	3.00-3.00-3.00	1898	Australia	429	(a) (a)	(a)	2.84-4.87- —

FOREMEN, STEVEDORES.

1859	England	563	(a)	M.	56-56-56	1.01-1.01-1.01	1870	Spain	610	(a) M.	(a)	1.52-1.52-1.52
1860	England	564	(a)	(a)	56-56-56	1.22-1.22-1.22	1884	Spain	178	(a) M.	(a)	1.45-2.41- —
1860	Scotland	563	(a)	(a)	(a)	1.01-1.01-1.01	1887	Conn	4	6 M.	(a)	1.34-1.53-1.41
1861	England	564	(a)	(a)	56-56-56	1.22-1.22-1.22	1889	Netherl'ds	516	(a) M.	(a)	1.21-1.68- —
1863	England	565	(a)	(a)	63-63-63	1.22-1.22-1.22	1894	C. of G'd H.	487	(a) M.	(a)	2.44-2.44-2.44

FOREMEN, STOCKERS, IRON AND STEEL.

1840	N. Y	190	1	M.	60-60-60	1.44-1.44-1.44	1889	N. Y	190	1 M.	60-60-60	3.25-3.25-3.25
1841	N. Y	190	1	M.	60-60-60	1.44-1.44-1.44	1889	Ohio	5	1 M.	(a)	2.46-2.46-2.46
1882	N. Y	190	2	M.	60-60-60	2.38-2.38-2.38	1889	W. Va	5	1 M.	(a)	5.50-5.50-5.50
1883	N. Y	190	1	M.	60-60-60	2.50-2.50-2.50	1890	N. Y	190	2 M.	60-60-60	2.50-3.25-2.88
1885	N. Y	190	1	M.	60-60-60	2.25-2.25-2.25	1891	N. Y	190	3 M.	60-60-60	2.50-3.25-2.75
1886	N. Y	190	1	M.	60-60-60	2.25-2.25-2.25	1898	Ohio	18	1 M.	(a)	3.50-3.50-3.50
1887	N. Y	190	1	M.	60-60-60	3.25-3.25-3.25	1898	Pa	18	1 M.	(a)	2.10-2.10-2.10
1888	N. Y	190	1	M.	60-60-60	3.25-3.25-3.25	1899	Ohio	18	1 M.	(a)	3.50-3.50-3.50
1889	N. Y	5	3	M.	60-72-64	2.50-4.00-3.25	1899	Pa	18	1 M.	(a)	2.65-2.65-2.65

a Not reported.

b And rent, fuel, and light.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, STONECUTTERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1859 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1860 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1861 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1878 Germany	544	(a) M.	(a)	b10½- .21½- —
1883 Ohio	365	1 M.	59-59-59	4.17-4.17-4.17
1884 Germany	556	(a) (a)	60-60-60	c1.31-1.31-1.31
1885 Germany	547	(a) M.	(a)	1.19-1.43- —
1886 Germany	548	(a) (a)	(a)	1.59-1.59-1.59
1887 Md	4	4 M.	(a)	2.40-2.75-2.49
1887 Mass	4	2 M.	(a)	3.00-3.00-3.00
1887 Germany	557	(a) (a)	(a)	1.19-1.98- —
1888 Canada	470	(a) M.	57-57-57	3.96-3.96-3.96
1888 Germany	558	(a) (a)	d35-57 —	1.31-1.79- —
1889 Canada	471	(a) M.	51-51-51	3.70-3.70-3.70
1891 Italy	639	(a) M.	69-69-69	1.16-1.16-1.16
1892 Cal	196	2 M.	48-48-48	5.00-5.00-5.00
1892 France	505	(a) M.	60-60-60	.68-1.74- —
1893 Ohio	374	1 M.	60-60-60	3.50-3.50-3.50
1895 France	513	(a) M.	66-66-66	.82- .82- .82

FOREMEN (NOT SPECIFIED), STOVES AND RANGES.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1877 Ohio	359	17 M.	(a)	2.00-5.83-3.20
1878 Ohio	361	39 M.	(a)	3.00-3.00-3.00
1878 Pa	383	3 M.	60-60-60	2.25-2.50-2.33
1880 Ohio	362	34 M.	(a)	2.00-4.17-3.08
1881 Ohio	363	2 M.	(a)	4.00-4.00-4.00
1882 Ohio	364	9 (a)	57-60-60	2.50-4.00-3.33
1884 Mich	278	4 M.	(a)	2.00-3.00-2.50
1884 Ohio	367	15 M.	(a)	2.38-4.50-3.37
1885 Ill	1	4 M.	60-60-60	2.25-4.00-3.31
1885 Mich	1	27 M.	60-60-60	2.25-6.50-3.83
1885 N. Y	1	29 M.	60-60-60	2.16-5.00-3.25
1885 Ohio	1	9 M.	60-60-60	3.00-3.63-3.49
1885 Ohio	367	20 M.	(a)	2.38-5.00-3.57
1885 Pa	1	2 M.	60-60-60	3.00-3.00-3.00
1888 N. Y	331	3 M.	e59-59-59	2.50-3.50-2.86
1888 Canada	470	(a) M.	60-60-60	2.63-2.63-2.63
1890 Mich	282	18 M.	60-60-60	2.08-4.17-3.26
1890 N. Y	333	7 M.	(a)	2.75-3.50-3.24
1890 Ohio	371	15 (a)	60-60-60	2.25-4.00-3.02
1891 N. Y	333	21 M.	(a)	1.75-4.79-3.06
1891 Ohio	372	5 M.	60-60-60	2.66-4.00-2.98
1891 France	505	(a) M.	60-63 —	1.90-2.32- —
1896 Ohio	377	2 M.	60-60-60	3.00-3.33-3.17
1898 Mo	306	18 M.	(a)	1.92-5.75-3.73

FOREMEN (NOT SPECIFIED), STREET RAILWAY.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1879 N. J	318	1 (a)	96-96-96	1.76-1.76-1.76
1882 Ohio	364	11 (a)	f70-84-78	1.43-2.50-1.93
1884 Cal	192	2 M.	84-91-88	1.97-6.67-4.32
1884 Iowa	231	8 M.	(g)	1.25-2.43-1.66
1884 Mo	295	14 M.	h70-93-84	2.14-3.33-2.64
1884 France	178	(a) M.	(a)	1.00-1.00-1.00
1884 Germany	178	(a) M.	(a)	.98- .98- .98
1885 Mo	296	9 M.	f84-84-84	1.97-3.33-2.94
1886 Kans	240	5 M.	84-98-94	1.31-1.64-1.52
1886 Germany	548	(a) (a)	(a)	1.60-1.60-1.60
1887 Kans	241	6 M.	(i)	1.31-2.00-1.74
1887 Wis	409	10 M.	(a)	2.15-2.15-2.15
1888 Kans	242	5 M.	(j)	1.00-2.00-1.70
1888 Ohio	370	17 M.	84-84-84	2.00-3.29-2.29
1888 Australia	432	(a) M.	(a)	4.00-4.00-4.00
1889 Kans	243	21 M.	(k)	1.00-3.00-2.07
1890 Netherl'ds	666	(a) M.	60-72 —	.60- .88- —
1891 Ohio	372	9 M.	84-84-84	2.28-2.28-2.28
1892 Ohio	373	11 M.	l70-70-70	1.50-3.00-1.92
1893 Mont	307	3 M.	e63-79-71	3.29-4.11-4.00
1895 Mich	287	11 M.	(a)	1.31-2.75-2.14
1896 Ill	12	2 M.	60-60-60	1.50-2.00-1.75
1898 Mo	306	27 (a)	60-72-67	1.92-2.50-2.16
1899 Mich	291	16 (a)	(a)	1.83-1.83-1.83
1899 Va	404	19 (a)	(a)	1.50-4.00-2.38

FOREMEN, STRIPPERS, TOBACCO.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1878 Ohio	7	1 M.	(a)	2.67-2.67-2.67
1883 La	7	2 M.	63-63-63	2.92-2.92-2.92
1885 N. Y	7	2 M.	55-58-57	1.67-2.75-2.21
1886 Pa	7	2 M.	(a)	1.33-1.83-1.58
1895 La	7	3 M.	63-63-63	2.50-3.33-2.94
1895 N. Y	7	1 M.	55-55-55	1.67-1.67-1.67
1895 N. Y	8	1 M.	60-60-60	3.00-3.00-3.00
1895 Va	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Ill	7	1 M.	44-44-44	3.33-3.33-3.33
1896 Mich	7	1 M.	55-55-55	2.17-2.17-2.17
1896 Ohio	7	1 M.	54-54-54	3.00-3.00-3.00
1896 Pa	7	2 M.	52-60-56	1.53-1.83-1.68
1896 Wis	7	1 M.	48-48-48	2.50-2.50-2.50

a Not reported.
b Per hour.
c And lodging and partial board.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 1 person not reported.
f Not including hours of 3 persons not reported.
g 70-112-95 hours; not including hours of 1 person not reported.
h Not including hours of 4 persons not reported.
i 84-119-91 hours; not including hours of 1 person not reported.
j 70-105-86 hours; not including hours of 1 person not reported.
k 60-105-78 hours; not including hours of 1 person not reported.
l Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), SUGAR REFINERY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1859 England	563	(a) (a)	(a)	0.73-0.81- —
1860 England	563	(a) (a)	(a)	.77- .85- —
1863 England	565	(a) (a)	(a)	.81- .81- .81
1873 Pa	379	2 M.	(a)	2.50-2.50-2.50
1881 France	501	(a) M.	(a)	.90-1.96- —
1882 France	502	(a) M.	(a)	.90-1.79- —
1883 France	503	(a) M.	(a)	.93-1.69- —
1884 Br. Guiana	178	(a) (a)	(a)	b .48- .48- .48
1884 Colombia	178	(a) (a)	60-72 —	.60-2.00- —
1884 France	504	(a) M.	(a)	.92-1.56- —
1884 Germany	178	(a) M.	72-72-72	.33- .33- .33
1884 Spain	178	(a) M.	(a)	1.00-2.00- —
1885 Cal.	1	2 M.	60-60-60	1.50-2.00-1.75
1888 N. Y	331	8 M.	60-60-60	2.05-2.05-2.05
1891 France	522	(a) (a)	(a)	.91-1.59- —
1891 Italy	638	(a) M.	63-63-63	.52- .77- —
1892 Australia	424	(a) M.	(a)	2.23-2.84- —
1892 France	505	(a) M.	c 63-84 —	.58-2.51- —
1892 France	505	(a) M.	77-77-77	d .82-1.35- —
1892 France	505	(a) M.	60-60-60	e 1.16-3.09- —
1893 Ill.	10	3 M.	60-84-68	2.50-3.08-2.86
1896 Canada	482	(a) (a)	(a)	4.17-4.17-4.17
1898 Denmark	493	(a) M.	(a)	.82-1.01- —

FOREMEN (NOT SPECIFIED), SULPHUR MINING.

1891	Italy	638	(a)	M.	48-48-48	.39- .97- —	1892	France	505	(a)	M.	60-60-60	.77-1.16- —

FOREMEN, SWITCHMEN.

1884	Belgium	178	(a)	M.	(a)	.76- .95- —	1887	Mich.	4	4	M.	(a)	2.00-2.50-2.25
1884	England	178	(a)	M.	(a)	.97-1.13- —	1887	Mo.	4	70	M.	(a)	1.97-2.96-2.49
1884	Italy	178	(a)	M.	(a)	.37- .60- —	1887	N. Y.	4	8	M.	(a)	2.35-2.35-2.35
1884	Russia	178	(a)	M.	(a)	.41- .46- —	1887	Wis.	4	24	M.	(a)	1.48-2.35-2.23
1884	Venezuela	178	(a)	(a)	(a)	1.64-1.64-1.64	1896	Germany	595	(a)	M.	(a)	.65- .65- .65
1885	Mich.	279	7	M.	(a)	1.75-2.35-2.06	1897	Germany	595	(a)	M.	(a)	.67- .67- .67
1887	Conn.	4	2	M.	(a)	1.97-2.30-2.14							

FOREMEN, TAILORS.

1884	Aust-Hun	178	(a)	M.	60-60-60	.67-1.33- —	1892	Australia	424	(a)	M.	(a)	1.62-5.68- —
1885	N. Y.	7	2	M.	(a)	3.33-6.67-5.00	1893	N. Y.	10	1	M.	60-60-60	4.33-4.33-4.33
1886	N. Y.	7	1	M.	42-42-42	3.33-3.33-3.33	1894	France	506	(a)	M.	48-48-48	2.22-2.22-2.22
1887	Germany	557	(a)	(a)	54-54-54	3.66-3.66-3.66	1895	N. Y.	7	3	M.	54-54-54	3.33-7.50-4.72
1888	Germany	558	(a)	(a)	66-69 —	f .71- .95- —	1895	France	513	(a)	M.	(a)	.81- .81- .81
1890	Minn	292	4	M.	(a)	3.50-3.65-3.58	1896	N, Y.	7	1	M.	42-42-42	3.50-3.50-3.50

FOREMEN (NOT SPECIFIED), TANNERY.

1860	Mass	8	1	M.	60-60-60	2.50-2.50-2.50	1884	Ohio	366	36	M.	(a)	1.67-5.00-2.34
1868	England	567	(a)	M.	g 63-63-63	1.14-1.50- —	1884	Colombia	178	(a)	(a)	60-60-60	.67-4.03- —
1870	Mass	8	1	M.	60-60-60	3.00-3.00-3.00	1884	France	504	(a)	M.	(a)	.81-1.51- —
1874	Pa	380	7	M.	(a)	3.00-5.00-3.29	1885	Cal.	1	3	M.	60-60-60	2.75-3.00-2.83
1874	Canada	185	(a)	M.	59-59-59	2.00-2.00-2.00	1885	Pa	1	5	M.	60-60-60	3.75-4.50-3.91
1876	Pa	381	7	M.	(a)	2.00-4.00-2.95	1885	Germany	547	(a)	M.	(a)	1.19-1.43- —
1877	Ohio	359	5	M.	(a)	1.50-2.63-2.26	1886	Germany	548	(a)	(a)	(a)	.95-1.19- —
1879	Ohio	361	21	M.	(a)	2.19-2.19-2.19	1887	Wis.	409	29	M.	(a)	2.90-2.90-2.90
1879	Pa	384	1	(a)	(a)	3.83-3.83-3.83	1887	Canada	469	(a)	M.	60-60-60	2.25-2.25-2.25
1881	Ohio	363	5	M.	h 60-60-60	1.66-3.25-2.27	1887	Germany	557	(a)	(a)	66-66-66	.79-1.43- —
1881	France	501	(a)	M.	(a)	.80-1.43- —	1888	N. Y.	331	9	M.	i 58-60-59	2.00-4.17-3.13
1882	Ohio	364	11	(a)	60-60-60	1.66-3.00-2.18	1888	Canada	470	(a)	M.	60-60-60	2.17-2.17-2.17
1882	France	502	(a)	M.	(a)	.81-1.43- —	1888	Germany	558	(a)	(a)	60-66 —	.83-1.43- —
1883	England	572	(a)	M.	59-59-59	1.22-1.22-1.22	1889	Canada	471	(a)	M.	60-60-60	2.28-2.28-2.28
1883	France	503	(a)	M.	(a)	.81-1.48- —	1889	Germany	550	(a)	M.	(a)	1.07-1.43- —
1884	Mich.	278	1	M.	(a)	2.00-2.00-2.00	1890	N. Y.	333	24	M.	(a)	1.30-6.39-2.79

a Not reported.
b And lodging.
c Applies to but 20 of the 22 wage quotations.
d And lodging, fuel, and light.
e And *gratifications*.
f And board and lodging.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 1 person not reported.
i Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), TANNERY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Ohio	371	2 (a)	60-60-60	2.60-3.00-2.80
1890 Netherl'ds	666	(a) M.	(a)	.60- .60- .60
1891 N. Y.	333	45 M.	(a)	1.30-7.99-2.73
1891 Ohio	372	2 M.	60-60-60	2.00-2.00-2.00
1891 France	505	(a) M.	60-77 —	1.29-2.32- —
1891 France	505	(a) M.	60-66 —	b1.47-2.12- —
1891 France	522	(a) (a)	(a)	.79-1.50- —
1891 Italy	638	(a) M.	60-65 —	.58- .87- —
1892 Cal.	196	1 M.	60-60-60	2.88-2.88-2.88
1892 Del.	20	1 M.	(a)	3.00-3.00-3.00
1892 Australia	424	(a) M.	(a)	2.03-3.04- —
1892 France	505	(a) M.	c54-81 —	.58-3.28- —
1892 France	505	(a) M.	66-66-66	d1.62-1.62-1.62
1892 France	505	(a) M.	66-81 —	e1.27-1.45- —
1892 France	505	(a) M.	66-66-66	f.77- .77- .77
1892 Italy	639	(a) M.	60-60-60	0.58-0.77- —
1893 Del.	20	1 M.	(a)	3.33-3.33-3.33
1894 Del.	20	1 M.	(a)	2.67-2.67-2.67
1894 N. H	316	1 M.	60-60-60	3.00-3.00-3.00
1894 N. Y.	8	6 M.	60-60-60	2.50-5.75-3.92
1894 Australia	425	(a) (a)	(a)	2.03-3.65- —
1894 France	129	(a) M.	(a)	1.29-2.32- —
1895 Del.	20	1 M.	(a)	3.50-3.50-3.50
1895 Australia	426	(a) (a)	(a)	2.03-3.65- —
1895 France	513	(a) M.	(a)	1.35-1.35-1.35
1896 Mass	8	5 M.	60-60-60	2.50-5.50-3.37
1896 Australia	427	(a) (a)	(a)	2.03-3.65- —
1897 Australia	428	(a) (a)	(a)	2.03-3.65- —
1898 Australia	429	(a) (a)	(a)	2.03-3.65- —
1898 Denmark	493	(a) M.	(a)	.98-1.79- —

FOREMEN, TEAMSTERS.

1880	Pa	7	1	M.	(a)	3.00-3.00-3.00	1891	Wis	411	10	M.	(a)	3.00-3.00-3.00
1884	N. J	323	1	M.	60-60-60	2.92-2.92-2.92	1891	France	505	(a)	M.	84-84-84	.92-1.74- —
1885	N. H	7	1	M.	(a)	2.75-2.75-2.75	1893	Ohio	374	1	M.	60-60-60	2.50-2.50-2.50
1888	N. Y.	331	1	M.	58-58-58	3.67-3.67-3.67	1894	Ohio	375	1	M.	(a)	2.50-2.50-2.50
1890	N. Y.	333	1	M.	(a)	2.00-2.00-2.00	1895	N. H	7	1	M.	60-60-60	2.50-2.50-2.50
1891	N. Y.	333	2	M.	(a)	1.75-2.00-1.88	1896	Pa	7	2	M.	60-60-60	1.83-3.33-2.58

FOREMEN, TIMBERMEN, MINING.

1888	Mich	280	2	M.	60-60-60	2.42-2.49-2.46	1889	Mo	5	1	M.	(a)	2.00-2.00-2.00
1889	Mich	5	6	M.	60-60-60	2.25-3.07-2.67	1889	Wis	5	1	M.	(a)	2.88-2.88-2.88

FOREMEN (NOT SPECIFIED), TIN MINING.

1889	Cal.	189	3	(a)	(a)	4.66-6.46-5.26	1889	Va	189	1	(a)	(a)	4.17-4.17-4.17
1889	S. Dak.	189	13	(a)	(a)	3.60-4.39-4.09							

FOREMEN (NOT SPECIFIED), TIN PLATE.

1885	Germany	547	(a)	(a)	(a)	1.19-1.19-1.19	1892	France	505	(a)	M.	60-66 —	.58-3.47- —
1891	France	505	(a)	M.	84-84-84	1.59-2.12- —	1894	France	130	(a)	M.	(a)	1.54-1.74- —

FOREMEN, TINSMITHS.

1871	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1881	Del.	190	1	M.	60-60-60	3.00-3.00-3.00
1872	Del.	190	1	M.	60-60-60	3.00-3.00-3.00	1882	Del.	190	1	M.	60-60-60	3.33-3.33-3.33
1873	Del.	190	1	M.	60-60-60	3.00-3.00-3.00	1883	Del.	190	1	M.	60-60-60	3.33-3.33-3.33
1874	Del.	190	1	M.	60-60-60	3.00-3.00-3.00	1884	Del.	190	1	M.	60-60-60	3.33-3.33-3.33
1875	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1885	Del.	190	1	M.	60-60-60	3.00-3.00-3.00
1876	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1885	Mich.	279	3	M.	(a)	3.00-3.25-3.08
1877	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1885	N. Y.	7	3	M.	g59-60-60	2.50-3.50-2.83
1878	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1886	Del.	190	1	M.	60-60-60	2.83-2.83-2.83
1879	Del.	190	1	M.	60-60-60	2.50-2.50-2.50	1886	Germany	548	(a)	(a)	(a)	.79-1.98- —

a Not reported.
b And *gratifications*.
c Applies to but 69 of the 70 wage quotations.
d And fuel.
e And lodging.
f And lodging and fuel.
g Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, TINSMITHS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1887 Md	4	7 M.	(a)	2.25-3.55-2.70
1887 Mass	4	2 M.	(a)	2.40-3.25-2.83
1887 Mo	4	2 M.	(a)	2.90-3.15-3.03
1887 N. J	4	1 M.	(a)	2.88-2.88-2.88
1887 N. Y	4	1 M.	(a)	2.00-2.00-2.00
1887 Pa	4	4 M.	(a)	2.88-3.45-3.12
1887 Pa	4	2 M.	(a)	b .25- .28-.28½
1887 Germany	557	(a) (a)	60-63 —	1.64-1.98- —
1888 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1888 Canada	470	(a) M.	60-60-60	2.21-2.21-2.21
1888 Germany	558	(a) (a)	60-60-60	1.19-1.31- —
1889 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1889 Canada	471	(a) M.	59-60 —	2.17-2.17-2.17
1890 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1890 Minn	292	5 M.	(a)	2.75-3.00-2.83
1890 N. Y	333	2 M.	(a)	2.35-6.67-4.51
1891 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1891 Mo	300	2 M.	(a)	2.91-3.89-3.40
1891 N. Y	333	4 M.	(a)	1.50-6.67-3.13
1892 Del	20	1 M.	60-60-60	3.42-3.42-3.42
1892 Del	190	1 M.	60-60-60	3.33-3.33-3.33
1892 France	505	(a) M.	60-60-60	1.54-2.32- —
1893 Del	20	1 M.	60-60-60	3.42-3.42-3.42
1894 Del	20	1 M.	60-60-60	3.42-3.42-3.42
1895 Del	20	1 M.	60-60-60	3.42-3.42-3.42
1895 Me	7	1 M.	60-60-60	2.75-2.75-2.75
1895 Mass	7	1 M.	60-60-60	2.75-2.75-2.75
1895 Mo	304	1 M.	(a)	4.62-4.62-4.62
1895 N. H	7	1 M.	60-60-60	2.75-2.75-2.75
1895 N. Y	7	2 M.	56-60-58	2.50-4.00-3.25
1896 N. Y	7	2 M.	59-60-60	2.50-3.47-2.99
1896 Pa	394	1 M.	60-60-60	3.05-3.05-3.05
1896 Wis	7	5 M.	60-60-60	1.58-2.00-1.75
1898 Denmark	493	(a) M.	(a)	1.21-1.61- —

FOREMEN (NOT SPECIFIED), TINWARE.

1860	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1890	N. Y	333	12 M. (a) 2.00-3.26-2.50
1870	Pa	8	3	M.	60-60-60	2.50-2.67-2.61	1890	Ohio	371	3 (a) 60-60-60 2.50-2.50-2.50
1872	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1891	N. Y	333	35 M. (a) 2.00-4.50-2.96
1873	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1891	France	505	(a) M. 60-66 — 2.03-2.55- —
1876	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1893	Md	10	1 M. 60-60-60 2.00-2.00-2.00
1878	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1894	Iowa	236	1 M. 60-60-60 2.50-2.50-2.50
1879	Germany	545	(a)	M.	(a)	.82-1.82- —	1894	Ohio	375	1 M. 60-60-60 3.00-3.00-3.00
1880	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1895	N. Y	8	6 M. 60-60-60 3.00-3.00-3.00
1881	Pa	8	1	M.	60-60-60	2.67-2.67-2.67	1895	Pa	8	2 M. 60-60-60 3.00-3.00-3.00
1885	Md	7	1	M.	(a)	3.33-3.33-3.33	1896	Md	7	2 M. (a) 3.00-3.67-3.34
1885	Germany	547	(a)	M.	(a)	1.19-1.98- —	1896	Ohio	377	11 M. 60-60-60 2.50-3.00-2.55
1887	Wis	409	15	M.	(a)	2.40-2.40-2.40	1896	Pa	8	9 M. 60-60-60 2.67-3.00-2.78
1888	N. Y	331	3	M.	(a)	2.00-2.63-2.42	1897	Pa	8	1 M. 60-60-60 3.00-3.00-3.00
1888	Germany	558	(a)	(a)	59-59-59	1.19-1.19-1.19	1898	Denmark	493	(a) M. (a) 1.21-1.88- —
1889	Pa	8	1	M.	60-60-60	2.67-2.67-2.67				

FOREMEN (NOT SPECIFIED), TOBACCO, CIGARS, AND CIGARETTES.

1855	N. C	8	1	M.	60-60-60	3.00-3.00-3.00	1885	N. C	1	21 M. 60-60-60 1.25-4.00-2.25
1865	Ky	8	1	M.	60-60-60	4.17-4.17-4.17	1885	Ohio	7	1 M. (a) 2.08-2.08-2.08
1871	Mass	267	3	M.	(a)	3.00-3.00-3.00	1885	Va	1	26 M. 60-60-60 1.42-3.50-1.95
1871	Scotland	629	(a)	M.	56-56-56	1.42-1.42-1.42	1886	Iowa	7	1 M. (a) 3.00-3.00-3.00
1877	Ohio	359	1	M.	(a)	2.56-2.56-2.56	1886	Ky	8	1 M. 60-60-60 3.33-3.33-3.33
1878	N. C	7	1	M.	(a)	1.50-1.50-1.50	1886	Md	7	1 M. 48-48-48 3.00-3.00-3.00
1880	N. C	8	2	M.	60-60-60	1.67-2.00-1.84	1886	Mich	7	1 M. 60-60-60 4.49-4.49-4.49
1880	Pa	7	1	M.	50-50-50	3.00-3.00-3.00	1886	Germany	548	(a) (a) (a) .79-1.79- —
1881	Ohio	363	1	M.	60-60-60	2.50-2.50-2.50	1887	Wis	409	3 M. (a) 5.00-5.00-5.00
1882	N. C	7	3	M.	60-60-60	1.33-2.00-1.78	1887	Germany	557	(a) (a) 54-60 — .79-1.98- —
1882	Ohio	364	11	(a)	60-60-60	2.67-2.67-2.67	1888	N. Y	331	5 M. c55-55-55 1.00-3.33-1.47
1884	Mich	278	3	M.	(a)	2.50-5.00-3.33	1888	Germany	558	(a) (a) 53-60 — .79-1.49- —
1884	N. J	323	34	M.	(a)	3.67-3.67-3.67	1890	N. Y	333	8 M. (a) 2.67-4.42-4.20
1884	Ohio	7	1	M.	60-60-60	5.83-5.83-5.83	1890	Ohio	371	2 (a) 48-60-54 1.00-3.00-2.00
1884	Ohio	366	17	M.	(a)	1.25-4.17-2.67	1890	Netherl'ds	666	(a) M. (a) .80- .80- .80
1884	W. Va	7	5	M.	60-60-60	2.00-2.00-2.00	1891	N. Y	333	8 M. (a) 2.67-4.42-4.20
1884	Aust-Hun	178	(a)	(a)	54-60 —	.47- .60- —	1891	France	505	(a) M. 60-60-60 .82-2.65- —
1885	Ill	1	5	M.	60-60-60	3.00-3.00-3.00	1892	Algeria	505	(a) M. 66-66-66 .75- .75- .75
1885	Ky	1	3	M.	60-60-60	2.50-2.50-2.50	1892	Australia	424	(a) M. (a) 2.43-3.24- —
1885	La	1	4	M.	55-55-55	3.33-5.00-4.17	1892	France	505	(a) M. d60-63 — .58-2.85- —
1885	Mich	1	5	M.	60-60-60	2.00-2.00-2.00	1894	Md	8	1 M. 60-60-60 3.33-3.33-3.33
1885	Mo	1	7	M.	60-60-60	2.66-5.93-3.59	1894	N. Y	8	4 M. 48-60-54 2.50-4.17-3.17
1885	N. J	1	1	M.	54-54-54	2.00-2.00-2.00	1894	N. C	8	18 M. 60-72-61 1.50-4.00-2.32
1885	N. Y	7	3	M.	55-55-55	3.00-4.17-3.61	1894	W. Va	406	1 M. 60-60-60 1.83-1.83-1.83

a Not reported.
b Per hour.
c Not including hours of 4 persons not reported.
d Applies to but 14 of the 16 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), TOBACCO, CIGARS, AND CIGARETTES—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1894 Australia	425	(a) (a)	(a)	2.43-4.06- —
1894 France	129	(a) M.	60-60-60	.82-1.23- —
1895 La	7	4 M.	55-55-55	3.83-5.83-4.92
1895 Mo	304	4 M.	(a)	2.19-3.28-2.52
1895 N. J	8	11 M.	60-60-60	2.50-5.00-3.52
1895 N. Y	7	3 M.	55-55-55	3.17-4.17-3.67
1895 N. Y	8	13 M.	48-60-56	2.00-6.00-2.97
1895 N. C	7	9 M.	60-60-60	2.50-3.21-2.63
1895 N. C	8	4 M.	60-60-60	2.50-4.50-3.70
1895 Va	7	5 M.	54-54-54	1.50-3.33-1.97
1895 Va	8	2 M.	60-60-60	3.33-6.00-4.67
1895 Australia	426	(a) (a)	(a)	2.43-4.06- —
1896 Iowa	7	1 M.	60-60-60	2.50-2.50-2.50
1896 Ky	8	2 M.	60-60-60	2.00-3.33-2.67
1896 Md	7	2 M.	48-48-48	1.75-3.67-2.71
1896 Mich	7	1 M.	55-55-55	4.49-4.49-4.49
1896 Mo	305	17 M.	54-60-58	2.50-7.98-4.30
1896 N. C	7	1 M.	54-54-54	1.67-1.67-1.67
1896 Ohio	7	2 M.	54-58-56	2.50-6.67-4.59
1896 Pa	7	1 M.	47-47-47	3.33-3.33-3.33
1896 W. Va	7	7 M.	60-60-60	2.00-2.00-2.00
1896 Wis	7	2 M.	48-48-48	2.50-2.50-2.50
1896 Australia	427	(a) (a)	(a)	2.43-4.06- —
1896 Canada	482	(a) (a)	(a)	3.33-4.17- —
1897 Australia	428	(a) (a)	(a)	2.23-4.06- —
1898 Mo	306	9 M.	(a)	2.30-2.57-2.45
1898 Australia	429	(a) (a)	(a)	2.23-4.06- —
1898 Denmark	493	(a) M.	(a)	.98-2.68- —

FOREMEN (NOT SPECIFIED), TOOLS.

1860	Mass	8	4	M.	60-60-60	2.50-2.50-2.50	1891	N. Y	333	2	M.	(a)	3.50-3.50-3.50
1870	Me	8	1	M.	60-60-60	3.00-3.00-3.00	1891	Ohio	372	11	M.	60-60-60	2.69-3.12-3.04
1877	Pa	382	1	M.	60-60-60	5.00-5.00-5.00	1891	France	505	(a)	M.	60-60-60	b2.70-2.70-2.70
1882	Pa	7	1	M.	60-60-60	2.33-2.33-2.33	1892	Mass	20	1	M.	60-60-60	3.50-3.50-3.50
1884	Germany	556	(a)	(a)	66-66-66	.79-1.07- —	1892	France	505	(a)	M.	54-72 —	.48-2.03- —
1885	Me	1	3	M.	54-54-54	2.25-2.75-2.42	1893	Mass	20	1	M.	60-60-60	3.50-3.50-3.50
1887	Conn	202	1	M.	(a)	8.01-8.01-8.01	1894	Mass	20	1	M.	60-60-60	3.25-3.25-3.25
1887	Germany	557	(a)	(a)	60-66 —	.87-1.19- —	1895	Me	8	1	M.	60-60-60	5.00-5.00-5.00
1888	N. J	326	1	M.	(a)	2.50-2.50-2.50	1895	Mass	20	1	M.	60-60-60	3.50-3.50-3.50
1888	N. Y	331	5	M.	56-56-56	3.00-3.00-3.00	1895	N. Y	8	4	M.	60-60-60	2.00-3.00-2.31
1888	Germany	558	(a)	(a)	60-66 —	.83-1.19- —	1895	Pa	8	16	M.	54-60-54	1.80-3.50-2.81
1890	Mich	282	1	M.	60-60-60	2.50-2.50-2.50	1896	Ill	8	1	M.	60-60-60	3.50-3.50-3.50
1890	N. Y	333	2	M.	(a)	3.50-3.50-3.50	1896	Mass	8	6	M.	60-60-60	3.25-3.25-3.25
1890	Ohio	371	5	(a)	60-60-60	3.00-5.00-3.40	1896	Pa	7	1	M.	60-60-60	3.00-3.00-3.00

FOREMEN, TOY MAKERS.

1885	R. I	7	2	M.	48-48-48	3.00-3.50-3.25	1892	France	505	(a)	M.	c70-70-70	1.45-2.12- —
1888	Germany	558	(a)	(a)	60-60-60	1.19-1.19-1.19	1892	France	505	(a)	M.	(a)	1.54-1.54-1.54
1890	N. Y	333	1	M.	(a)	3.00-3.00-3.00	1895	R. I	7	8	M.	55-55-55	1.83-3.33-2.50
1891	N. Y	333	1	M.	(a)	3.00-3.00-3.00							

FOREMEN, TRACKMEN, STREET RAILWAY.

1883	N. J	322	1	M.	60-60-60	2.50-2.50-2.50	1887	Mo	297	7	M.	d60-72-68	1.25-4.10-3.58
1884	Mo	295	1	M.	60-60-60	2.50-2.50-2.50	1888	Kans	242	1	M.	60-60-60	1.33-1.33-1.33
1884	N. J	323	1	M.	(a)	2.50-2.50-2.50	1888	Ohio	370	11	M.	60-72-61	1.36-2.25-1.87
1884	Mexico	178	(a)	(a)	(a)	3.83-3.83-3.83	1889	Kans	243	3	M.	60-60-60	1.50-2.67-1.89
1885	Mo	296	2	M.	60-60-60	2.50-3.85-3.18	1891	Me	257	1	M.	(a)	2.00-2.00-2.00
1886	Kans	240	2	M.	60-60-60	1.50-1.75-1.63	1896	Mass	14	7	M.	54-54-54	4.50-5.49-4.93
1887	Kans	241	3	M.	60-60-60	2.25-2.25-2.25							

FOREMEN, TRIMMERS, CARRIAGES AND WAGONS.

1882	Mo	294	1	M.	60-60-60	4.17-4.17-4.17	1894	N. Y	8	1	M.	60-60-60	3.00-3.00-3.00
1890	N. Y	333	2	M.	(a)	2.62-3.00-2.81	1895	N. Y	8	2	M.	60-60-60	4.00-4.00-4.00
1891	N. Y	333	3	M.	(a)	2.50-3.00-2.77	1896	N. Y	8	1	M.	60-60-60	4.17-4.17-4.17

a Not reported.
b And *gratifications*.
c Applies to but 1 of the 2 wage quotations.
d Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), TRUNKS AND BAGS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Ohio	364	1	(a)	60-60-60	2.67-2.67-2.67	1889 Canada	471	(a)	M.	55-55-55	2.45-2.45-2.45
1883 N. J	7	1	M.	59-59-59	1.67-1.67-1.67	1890 N. Y.	333	6	M.	(a)	2.50-3.99-3.04
1884 Ohio	366	1	M.	(a)	3.00-3.00-3.00	1891 N. Y.	333	6	M.	(a)	2.50-3.99-3.04
1885 N. J	1	7	M.	59-60-60	2.66-4.16-2.87	1891 Ohio	372	1	M.	54-54-54	2.75-2.75-2.75
1887 Wis	409	14	M.	(a)	2.47-2.47-2.47	1891 France	505	(a)	M.	72-72-72	1.35-1.59- —
1887 Germany	557	(a)	(a)	54-60 —	1.19-1.59- —	1892 Cal	196	1	M.	57-57-57	5.00-5.00-5.00
1888 N. Y.	331	1	M.	59-59-59	4.17-4.17-4.17	1892 Australia	424	(a)	M.	(a)	1.82-1.82-1.82
1888 Canada	470	(a)	M.	53-53-53	2.57-2.57-2.57	1893 Ill.	10	1	M.	57-57-57	2.67-2.67-2.67
1888 Germany	558	(a)	(a)	60-60-60	1.29-1.29-1.29	1898 Mo	306	1	M.	(a)	2.30-2.30-2.30

FOREMEN, TYPE FOUNDERS.

1840 Pa	8	1	M.	60-60-60	2.00-2.00-2.00	1884 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1857 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1884 Germany	178	(a)	M.	(a)	1.43-1.67- —
1858 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1885 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1859 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1886 Cal.	193	1	M.	60-60-60	5.00-5.00-5.00
1860 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1886 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1861 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1886 Germany	548	(a)	(a)	(a)	2.74-2.74-2.74
1862 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1887 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1863 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1887 Wis	409	1	M.	(a)	3.50-3.50-3.50
1864 N. Y.	190	1	M.	60-60-60	2.00-2.00-2.00	1887 Germany	557	(a)	(a)	45-54 —	1.67-2.74- —
1865 N. Y.	190	1	M.	60-60-60	2.33-2.33-2.33	1888 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1866 N. Y.	190	1	M.	60-60-60	2.67-2.67-2.67	1888 Germany	558	(a)	M.	60-60-60	1.67-2.74- —
1867 N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1889 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1868 N. Y.	190	1	M.	60-60-60	3.00-3.60-3.00	1890 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1869 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00	1890 Netherl'ds	666	(a)	M.	(a)	1.01-1.01-1.01
1870 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00	1891 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00
1871 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00	1891 N. Y.	333	1	M.	(a)	5.00-5.00-5.00
1872 N. Y.	190	1	M.	59-59-59	3.00-3.00-3.00	1895 N. Y.	7	1	M.	59-59-59	3.00-3.00-3.00
1874 N. Y.	190	1	M.	59-59-59	3.50-3.50-3.50	1895 Pa	8	2	M.	60-60-60	3.50-5.75-4.63
1883 N. Y.	7	1	M.	59-59-59	3.67-3.67-3.67						

FOREMEN (NOT SPECIFIED), UMBRELLAS AND CANES.

1874 N. Y.	185	2	M.	58-58-58	2.50-2.50-2.50	1890 N. Y.	333	3	M.	(a)	2.00-4.00-3.00
1888 N. Y.	331	2	M.	b53-53-53	2.83-4.17-3.50	1891 N. Y.	333	3	M.	(a)	2.00-4.00-3.00
1888 Germany	558	(a)	(a)	57-63 —	.71-1.19- —	1895 N. Y.	8	1	M.	60-60-60	3.00-3.00-3.00

FOREMEN, UPHOLSTERERS.

1869 France	609	(a)	M.	(a)	1.54-1.93- —	1890 Minn	292	3	M.	(a)	2.50-2.50-2.50
1880 N. Y.	7	1	M.	60-60-60	2.50-2.50-2.50	1891 Mo	300	3	M.	(a)	1.86-3.31-2.62
1884 Russia	178	(a)	M.	(a)	c1.53-1.53-1.53	1891 N. Y.	333	2	M.	(a)	3.00-3.00-3.00
1887 Md.	4	1	M.	(a)	3.25-3.25-3.25	1891 France	505	(a)	M.	d53-60 —	2.27-3.14- —
1887 Mo	4	1	M.	(a)	3.25-3.25-3.25	1893 Md.	10	1	M.	60-60-60	3.33-3.33-3.33
1888 Germany	558	(a)	(a)	54-60 —	.95-3.56- —	1893 Italy	639	(a)	M.	60-60-60	.87- .87- .87
1889 Mich.	281	1	M.	60-60-60	3.00-3.00-3.00	1895 N. Y.	7	1	M.	60-60-60	2.67-2.67-2.67
1889 Germany	550	(a)	M.	(a)	.91-1.37- —						

FOREMEN, VARNISHERS.

1886 R. I	7	1	M.	60-60-60	2.50-2.50-2.50	1891 Italy	638	(a)	M.	(a)	1.35-1.35-1.35
1886 Germany	548	(a)	(a)	(a)	.95-1.19- —	1893 Italy	639	(a)	M.	60-60-60	1.35-1.35-1.35
1888 Germany	558	(a)	(a)	36-60 —	.95-1.19- —	1894 N. Y.	8	1	M.	60-60-60	4.16-4.16-4.16
1889 Germany	550	(a)	M.	48-72 —	1.07-1.43- —	1896 R. I	7	1	M.	60-60-60	2.50-2.50-2.50
1890 N. Y.	333	1	M.	(a)	3.33-3.33-3.33						

a Not reported.
b Not including hours of 1 person not reported.
c And lodging.
d Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN (NOT SPECIFIED), WALL PAPER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1879 Pa	384	1 (a)	60-60-60	4.00-4.00-4.00
1881 France	501	(a) M.	(a)	.84-1.60- —
1882 France	502	(a) M.	(a)	.80-1.74- —
1882 Germany	30	(a) M.	(a)	b1.42-1.42-1.42
1883 France	503	(a) M.	(a)	.84-1.74- —
1884 France	504	(a) M.	(a)	.82-1.57- —
1884 Germany	178	(a) M.	c66-66-66	1.00-1.67- —
1888 N. Y	331	1 M.	59-59-59	4.17-4.17-4.17
1890 N. Y	333	5 M.	(a)	3.00-7.67-5.67
1891 N. Y	333	4 M.	(a)	3.00-7.67-5.83
1891 France	522	(a) (a)	(a)	.81-1.57- —
1894 France	129	(a) M.	(a)	1.54-2.89- —

FOREMEN, WAREHOUSE HANDS.

1882	N. J	321	1	M.	(a)	2.50-2.50-2.50	1889	Belgium	5	(a)	M.	(a)	.94-1.38- —
1884	Italy	178	(a)	M.	(a)	1.85-2.96- —	1890	Ind	6	1	M.	60-60-60	3.67-3.67-3.67
1884	Switzerl'd	178	(a)	M.	(a)	2.40-2.40-2.40	1892	France	505	(a)	M.	81-81-81	.97- .97- .97
1885	Mich	279	3	M.	(a)	1.99-2.88-2.29	1893	Ill	10	1	M.	60-60-60	2.50-2.50-2.50
1885	Pa	7	1	M.	60-60-60	2.67-2.67-2.67	1893	Mich	285	5	M.	d60-60-60	1.53-2.11-1.88
1886	England	600	(a)	M.	57-57-57	1.25-1.25-1.25	1894	N. C	8	1	M.	72-72-72	2.50-2.50-2.50
1886	Germany	518	(a)	(a)	(a)	.64- .64- .64	1896	Pa	7	1	M.	60-60-60	2.50-2.50-2.50
1886	Ireland	600	(a)	M.	57-57-57	1.28-1.54- —	1896	R. I	7	1	M.	60-60-60	2.00-2.00-2.00
1886	Scotland	600	(a)	M.	57-57-57	1.08-1.21- —	1898	Ohio	18	1	M.	(a)	6.00-6.00-6.00
1887	N. Y	4	5	M.	(a)	1.92-2.11-2.07	1899	Ohio	18	1	M.	(a)	8.00-8.00-8.00
1887	Wis	4	2	M.	(a)	1.92-2.88-2.40	1899	Pa	18	1	M.	(a)	2.25-2.25-2.25
1888	Germany	558	(a)	(a)	60-60-60	.71- .71- .71							

FOREMEN, WASTEMEN, COAL MINING.

1861	England	564	(a)	(a)	(a)	1.14-1.14-1.14	1880	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1871	England	577	(a)	M.	46-46-46	1.05-1.05-1.05	1881	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1872	England	577	(a)	M.	46-46-46	1.58-1.58-1.58	1882	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1873	England	185	(a)	M.	(a)	e.97-2.02- —	1883	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1873	England	577	(a)	M.	46-46-46	1.91-1.91-1.91	1884	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1874	England	577	(a)	M.	46-46-46	1.91-1.91-1.91	1885	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1875	England	577	(a)	M.	46-46-46	1.83-1.83-1.83	1886	England	577	(a)	M.	46-46-46	1.38-1.38-1.38
1876	England	577	(a)	M.	46-46-46	1.58-1.58-1.58	1886	England	602	(a)	M.	(a)	1.24-1.24-1.24
1877	England	570	(a)	M.	48-48-48	.87- .92- —	1887	England	577	(a)	M.	46-46-46	1.30-1.30-1.30
1877	England	577	(a)	M.	46-46-46	1.38-1.38-1.38	1888	England	577	(a)	M.	46-46-46	1.30-1.30-1.30
1878	England	577	(a)	M.	46-46-46	1.38-1.38-1.38	1889	England	577	(a)	M.	(a)	1.50-1.50-1.50
1879	England	577	(a)	M.	46-46-46	1.38-1.38-1.38	1890	England	577	(a)	M.	(a)	1.62-1.62-1.62
1880	England	571	(a)	M.	54-54-54	1.10-1.10-1.10							

FOREMEN, WATCHMEN.

1858	Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1887	Mass	4	1	M.	(a)	3.75-3.75-3.75
1859	Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1887	N. J	4	2	M.	(a)	1.53-1.53-1.53
1860	Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1887	Pa	4	2	M.	(a)	1.92-2.11-2.02
1861	Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1887	Wis	4	1	M.	(a)	3.19-3.19-3.19
1862	Mass	190	1	M.	72-72-72	2.00-2.00-2.00	1888	N. Y	331	1	M.	(a)	3.00-3.00-3.00
1884	Italy	178	(a)	M.	(a)	.55- .67- —	1889	Mass	6	1	M.	60-60-60	3.00-3.00-3.00
1884	Russia	178	(a)	M.	(a)	.58- .58- .58	1896	Pa	7	1	M.	60-60-60	2.00-2.00-2.00
1885	Pa	7	1	M.	60-60-60	2.00-2.00-2.00							

FOREMEN, WELL DIGGERS.

1878	Germany	544	(a)	M.	(a)	f.15½-.15½-.15½	1887	Germany	557	(a)	(a)	48-66 —	1.19-1.19-1.19
1885	Germany	547	(a)	(a)	(a)	1.07-1.31- —	1889	Germany	550	(a)	M.	(a)	.71-1.31- —
1887	Wis	4	2	M.	(a)	3.00-3.07-3.04							

a Not reported.
b And rent.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 1 person not reported.
e And house.
f Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, WHIP MAKERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Lowest, highest, and average— Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Lowest, highest, and average— Rates of wages per day (dollars)
1886 N. Y	7	2 M.	60-60-60	2.67-3.00-2.84	1891 N. Y	333	1 M.	(a)	2.70-2.70-2.70
1887 Germany	557	(a) (a)	60-60-60	.71- .95- —	1896 N. Y	7	2 M.	60-60-60	3.00-3.17-3.09
1890 N. Y	333	1 M.	(a)	2.50-2.50-2.50					

FOREMEN (NOT SPECIFIED), WHITE AND RED LEAD.

1877	Ohio	359	3	M.	*(a)	3.33-8.67-5.11	1891	N. Y	333	12 M.	(a)	2.50-8.33-6.20
1879	Ohio	361	18	M.	(a)	3.17-3.17-3.17	1891	Ohio	372	3 M.	54-54-54	3.20-3.20-3.20
1888	N. Y	331	4	M.	55-59-58	3.33-3.33-3.33	1892	France	505	(a) M.	66-66-66	.97- .97- .97
1890	N. Y	333	11	M.	(a)	2.50-8.33-5.93	1896	Nebr	314	1 M.	54-54-54	2.50-2.50-2.50
1890	Netherl'ds	666	(a)	M.	(a)	.80- .84- —						

FOREMEN (NOT SPECIFIED), WINE.

1873	Sweden	185	(a)	M.	(a)	1.36-1.36-1.36	1892	France	505	(a) M.	b57-66 —	1.16-3.28- —
1886	C. of G'd H.	483	(a)	(a)	(a)	.81-1.62- —	1892	France	505	(a) M.	60-63 —	c1.16-4.12- —

FOREMEN (NOT SPECIFIED), WIRE AND WIRE GOODS.

1877	Ohio	359	5	M.	(a)	2.50-2.50-2.50	1890	N. Y	333	11 M.	(a)	2.00-4.17-2.68
1884	N. J	323	7	M.	60-60-60	3.00-3.00-3.00	1890	Netherl'ds	666	(a) M.	(a)	.54- .54- .54
1884	Aust-Hun	178	(a)	M.	60-60-60	.46- .52- —	1891	N. Y	333	10 M.	(a)	1.50-5.00-3.25
1885	Cal	1	1	M.	60-60-60	4.00-4.00-4.00	1891	Ohio	372	15 M.	60-66-62	2.50-4.00-3.71
1885	Conn	7	2	M.	60-60-60	1.80-2.50-2.15	1891	France	505	(a) M.	b66-70 —	1.54-2.32- —
1885	Ohio	1	20	M.	60-60-60	3.89-3.89-3.89	1892	France	505	(a) M.	66-72 —	.58-1.28- —
1887	Germany	557	(a)	(a)	60-60-60	.95-1.19- —	1893	Ohio	374	16 M.	60-60-60	3.00-3.25-3.23
1888	N. Y	331	17	M.	d60-60-60	1.50-2.50-2.08	1894	France	129	(a) M.	60-60-60	1.16-3.09- —
1888	Canada	470	(a)	M.	60-60-60	2.74-2.74-2.74	1895	Conn	7	3 M.	60-60-60	2.25-3.00-2.55
1888	Germany	558	(a)	(a)	60-60-60	.95-1.19- —	1896	Ohio	377	1 M.	60-60-60	2.50-2.50-2.50
1890	Mich	282	1	M.	60-60-60	3.25-3.25-3.25						

FOREMEN, WOOD CHOPPERS.

1868	Germany	610	(a)	M.	72-72-72	.49- .49- .49	1886	Canada	64	(a) M.	66-66-66	e1.53-2.30- —
1874	Pa	380	1	M.	(a)	2.25-2.25-2.25	1895	N. C	8	3 M.	60-72-64	1.00-1.50-1.17

FOREMEN (NOT SPECIFIED), WOODEN GOODS.

1871	Mass	267	2	M.	(a)	3.25-3.25-3.25	1891	N. Y	333	5 M.	(a)	2.00-2.50-2.30
1884	Mich	278	10	M.	(a)	.75-3.25-1.50	1891	Ohio	372	1 M.	60-60-60	3.50-3.50-3.50
1886	Mich	7	1	M.	60-60-60	2.25-2.25-2.25	1892	France	505	(a) M.	f63-66 —	.77-3.09- —
1887	Wis	409	2	M.	(a)	3.17-3.17-3.17	1894	Ind	228	1 M.	60-60-60	3.50-3.50-3.50
1890	N. Y	333	2	M.	(a)	2.00-2.00-2.00	1896	Mich	7	1 M.	60-60-60	2.75-2.75-2.75
1890	Ohio	371	2	(a)	60-60-60	2.00-3.00-2.50						

FOREMEN (NOT SPECIFIED), WOOD PULP.

1871	Mass	267	3	M.	(a)	2.88-2.88-2.88	1891	N. Y	333	18 M.	(a)	1.64-3.50-2.41
1888	N. Y	331	3	M.	72-72-72	2.00-2.00-2.00	1893	Norway	689	(a) M.	(a)	.86-1.18- —
1890	N. Y	333	17	M.	(a)	1.50-3.00-2.22						

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And *gratifications*.
d Not including hours of 15 persons not reported.
e And board.
f Applies to but 4 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, WOODWORKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1836 N. H	8	1 M.	72-72-72	1.25-1.25-1.25	1883 France	503	(a) M.	(a)	0.81-1.10- —
1856 Mass	190	1 M.	60-60-60	1.63-1.63-1.63	1884 Mass	190	1 M.	60-60-60	2.70-2.70-2.70
1857 Mass	190	1 M.	60-60-60	1.63-1.63-1.63	1885 Mass	190	1 M.	60-60-60	2.70-2.70-2.70
1858 Mass	190	1 M.	60-60-60	1.63-1.63-1.63	1885 N. J	324	2 M.	60-60-60	5.00-5.00-5.00
1859 Mass	190	1 M.	60-60-60	1.64-1.64-1.64	1886 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1860 Mass	190	1 M.	60-60-60	1.64-1.64-1.64	1887 Conn	202	1 M.	(a)	6.00-6.00-6.00
1861 Mass	190	1 M.	60-60-60	1.63-1.63-1.63	1887 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1862 Mass	190	1 M.	60-60-60	1.63-1.63-1.63	1887 Germany	557	(a) (a)	36-60 —	1.59-1.59-1.59
1863 Mass	190	1 M.	60-60-60	1.77-1.77-1.77	1888 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1864 Mass	190	1 M.	60-60-60	2.00-2.00-2.00	1888 N. J	326	2 M.	(a)	3.00-3.00-3.00
1865 Mass	190	1 M.	60-60-60	2.50-2.50-2.50	1888 Canada	470	(a) M.	60-60-60	2.61-2.61-2.61
1866 Mass	190	1 M.	60-60-60	2.88-2.88-2.88	1889 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1867 Mass	190	1 M.	60-60-60	2.79-2.79-2.79	1889 Canada	471	(a) M.	60-60-60	2.57-2.57-2.57
1868 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1890 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1869 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1890 Mich	282	1 M.	60-60-60	3.00-3.00-3.00
1870 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1890 N. Y	333	5 M.	(a)	2.00-3.00-2.50
1871 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1890 Ohio	371	1 (a)	60-60-60	1.50-1.50-1.50
1872 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1891 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1873 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1891 N. Y	333	7 M.	(a)	2.00-4.00-2.71
1874 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1891 Ohio	372	10 M.	60-60-60	1.70-4.50-2.70
1875 Mass	190	1 M.	60-60-60	3.00-3.00-3.00	1892 Iowa	235	3 M.	60-60-60	2.88-3.85-3.53
1876 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1892 Mass	20	1 M.	60-60-60	4.00-4.00-4.00
1877 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1892 Mass	190	1 M.	60-60-60	3.00-3.00-3.00
1878 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1893 Mass	20	1 M.	58-58-58	4.00-4.00-4.00
1879 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1893 Italy	639	(a) M.	60-60-60	1.16-1.16-1.16
1879 Ohio	361	18 M.	(a)	2.24-2.24-2.24	1894 Iowa	236	1 M.	60-60-60	2.00-2.00-2.00
1880 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1894 Mass	20	1 M.	58-58-58	4.00-4.00-4.00
1881 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1894 N. Y	8	4 M.	60-60-60	2.25-3.00-2.69
1882 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1895 Mass	20	1 M.	58-58-58	4.00-4.00-4.00
1882 Ohio	364	9 (a)	59-60-60	1.75-3.83-2.45	1895 N. Y	8	3 M.	60-60-60	2.00-3.00-2.58
1883 Mass	190	1 M.	60-60-60	2.70-2.70-2.70	1895 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1883 Mass	273	1 M.	(a)	4.00-4.00-4.00	1896 N. Y	8	1 M.	60-60-60	4.17-4.17-4.17
1883 Ohio	365	7 M.	59-60-60	2.40-3.83-2.91					

FOREMEN, WOOL SORTERS.

1824 England	572	(a) (a)	(a)	1.54-1.54-1.54	1885 Mass	7	2 M.	60-60-60	1.98-2.50-2.24
1826 England	572	(a) (a)	(a)	1.50-1.50-1.50	1885 Minn	7	1 M.	(a)	3.00-3.00-3.00
1827 England	572	(a) (a)	(a)	1.56-1.56-1.56	1885 N. H	7	1 M.	66-66-66	2.00-2.00-2.00
1828 England	572	(a) (a)	(a)	1.62-1.62-1.62	1885 Pa	7	1 M.	60-60-60	2.83-2.83-2.83
1829 England	572	(a) (a)	(a)	1.50-1.50-1.50	1885 Vt	7	1 M.	60-60-60	4.17-4.17-4.17
1830 England	572	(a) (a)	(a)	1.62-1.62-1.62	1886 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1831 England	572	(a) (a)	(a)	1.62-1.62-1.62	1886 Pa	7	5 M.	58-60-60	2.33-3.67-3.03
1833 England	572	(a) (a)	(a)	1.62-1.62-1.62	1886 England	67	(a) M.	56-56-56	1.42-1.42-1.42
1859 Mass	190	1 M.	78-78-78	1.50-1.50-1.50	1886 Germany	62	(a) M.	(a)	.99- .99- .99
1860 Mass	190	1 M.	78-78-78	1.75-1.75-1.75	1887 Conn	202	4 M.	(a)	2.48-2.48-2.48
1861 Mass	190	1 M.	78-78-78	1.75-1.75-1.75	1887 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1862 Mass	190	1 M.	78-78-78	1.75-1.75-1.75	1888 Conn	6	1 M.	(a)	5.42-5.42-5.42
1863 Mass	190	1 M.	78-78-78	2.00-2.00-2.00	1888 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1864 Mass	190	1 M.	78-78-78	2.00-2.00-2.00	1888 N. H	6	1 M.	(a)	2.50-2.50-2.50
1865 Mass	190	1 M.	66-66-66	2.50-2.50-2.50	1888 N. J	6	1 M.	(a)	2.00-2.00-2.00
1866 Mass	190	1 M.	66-66-66	2.75-2.75-2.75	1888 R. I	6	3 M.	b 60-60-60	1.00-2.50-2.00
1867 Mass	190	1 M.	66-66-66	2.75-2.75-2.75	1889 Cal	6	1 M.	(a)	2.75-2.75-2.75
1868 Mass	190	1 M.	66-66-66	2.75-2.75-2.75	1889 Conn	6	2 M.	c 60-60-60	1.75-1.75-1.75
1869 Mass	190	1 M.	66-66-66	2.75-2.75-2.75	1889 Me	6	3 M.	c 60-60-60	2.00-2.00-2.00
1870 Mass	190	1 M.	66-66-66	4.00-4.00-4.00	1889 Mass	6	1 M.	60-60-60	3.00-3.00-3.00
1880 Conn	271	1 M.	66-66-66	2.75-2.75-2.75	1889 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1882 Belgium	36	(a) M.	72-72-72	1.00-1.00-1.00	1889 N. H	6	3 M.	60-60-60	1.95-4.00-2.65
1882 Canada	33	(a) (a)	60-60-60	2.00-2.00-2.00	1889 N. J	6	1 M.	60-60-60	2.67-2.67-2.67
1882 England	33	(a) M.	(a)	1.42-1.62- —	1889 N. Y	6	4 M.	b 60-60-60	2.25-3.84-2.96
1882 France	33	(a) (a)	72-72-72	1.16-1.35- —	1889 Scotland	6	(a) M.	(a)	1.42-1.42-1.42
1882 Germany	33	(a) (a)	78-78-78	.71- .71- .71	1890 Me	6	1 M.	60-60-60	1.84-1.84-1.84
1882 Russia	33	(a) M.	84-84-84	1.33-1.33-1.33	1890 Mass	6	1 M.	(a)	2.25-2.25-2.25
1883 Mass	273	4 M.	(a)	2.25-6.41-4.02	1890 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1883 England	43	(a) M.	(a)	1.42-1.54- —	1890 N. H	6	1 M.	60-60-60	3.83-3.83-3.83
1884 England	178	(a) M.	56-56-56	1.42-1.42-1.42	1890 N. J	6	1 M.	60-60-60	2.50-2.50-2.50
1884 France	178	(a) M.	72-72-72	1.16-1.35- —	1890 N. Y	6	2 M.	c 60-60-60	2.35-2.50-2.43
1885 Me	7	1 M.	66-66-66	1.71-1.71-1.71	1890 Pa	6	2 M.	60-60-60	2.50-3.67-3.09

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, WOOL SORTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 R. I.	6	1 M.	(a)	2.25-2.25-2.25
1891 Mass	190	1 M.	60-60-60	2.50-2.50-2.50
1891 N. Y.	6	1 M.	60-60-60	2.50-2.50-2.50
1894 N. Y.	8	1 M.	60-60-60	3.83-3.83-3.83
1895 Me	7	1 M.	60-60-60	2.00-2.00-2.00
1895 Mass	7	2 M.	58-58-58	1.82-3.00-2.41
1895 Pa	7	1 M.	60-60-60	3.00-3.00-3.00
1895 Vt	7	1 M.	60-60-60	4.00-4.00-4.00
1896 Minn	7	1 M.	60-60-60	4.00-4.00-4.00
1896 Pa	7	4 M.	60-60-60	2.50-3.33-2.76

FOREMEN, WOOL WASHERS.

1877	England	570	(a)	M.	57-57-57	.81-1.01- —	1894	C. of G'd H.	487	(a) M.	48-60 — 2.24-2.61- —
1880	England	570	(a)	M.	57-57-57	1.22-1.22-1.22	1895	Australia	426	(a) (a)	(a) 1.82-5.68- —
1883	England	572	(a)	M.	57-57-57	.81-1.01- —	1896	Australia	427	(a) (a)	(a) 1.82-4.06- —
1884	England	178	(a)	M.	57-57-57	.73- .81- —	1897	Australia	428	(a) (a)	(a) 2.03-4.06- —
1892	France	505	(a)	M.	72-72-72	.58- .58- .58	1898	Australia	429	(a) (a)	(a) 2.03-4.06- —
1894	Australia	425	(a)	(a)	(a)	1.82-5.68- —					

FOREMEN, WORK TRAIN, RAILROAD.

1887	Conn	4	5	M.	(a)	1.75-2.30-1.94	1887	N. J	4	9 M.	(a) 1.50-2.25-1.94
1887	Fla	4	3	M.	(a)	1.34-2.88-1.92	1887	N. Y.	4	24 M.	(a) 1.73-2.68-2.07
1887	Md	4	14	M.	(a)	1.10-2.88-1.99	1887	Pa	4	43 M.	(a) 1.50-2.68-1.80
1887	Md	4	2	M.	(a)	b .12½-.13-.12½	1887	Pa	4	1 M.	(a) b .14- .14- .14
1887	Mass	4	7	M.	(a)	2.00-2.50-2.21	1887	Wis	4	10 M.	(a) 1.92-2.68-2.34
1887	Mo	4	2	M.	(a)	2.30-2.68-2.49					

FOREMEN, YARD HANDS.

1843	Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1876	Pa	381	3 M.	(a) 1.50-2.10-1.78
1847	Mass	190	1	M.	78-78-78	1.63-1.63-1.63	1877	Me	7	1 M.	66-66-66 3.15-3.15-3.15
1848	Mass	190	1	M.	78-78-78	1.63-1.63-1.63	1877	Mass	190	3 M.	60-60-60 2.00-3.00-2.50
1849	Mass	190	1	M.	78-78-78	1.63-1.63-1.63	1877	Ohio	190	1 M.	72-72-72 2.50-2.50-2.50
1850	Mass	190	1	M.	78-78-78	1.63-1.63-1.63	1878	Ga	7	1 M.	66-66-66 1.25-1.25-1.25
1851	Mass	190	1	M.	78-78-78	1.63-1.63-1.63	1878	Mass	190	3 M.	60-60-60 2.00-3.00-2.50
1852	Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1878	Ohio	190	1 M.	72-72-72 2.50-2.50-2.50
1853	Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1878	Ohio	360	1 M.	65-65-65 2.08-2.08-2.08
1854	Mass	190	1	M.	78-78-78	2.00-2.00-2.00	1879	Mass	190	3 M.	60-60-60 2.00-3.00-2.50
1858	Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1879	Ohio	190	1 M.	72-72-72 2.50-2.50-2.50
1859	Mass	190	1	M.	78-78-78	1.75-1.75-1.75	1880	Mass	7	1 M.	60-60-60 1.33-1.33-1.33
1860	Mass	190	2	M.	72-78-75	1.50-2.00-1.75	1880	Mass	190	3 M.	60-60-60 2.00-3.12-2.54
1861	Mass	190	2	M.	66-78-72	1.75-2.00-1.88	1880	Ohio	190	1 M.	72-72-72 2.50-2.50-2.50
1862	Mass	190	2	M.	66-72-69	1.75-2.00-1.88	1881	Mass	190	3 M.	60-60-60 2.00-3.15-2.55
1863	Mass	190	2	M.	66-72-69	1.75-2.00-1.88	1881	N. H	7	5 M.	65-65-65 2.50-3.25-2.65
1864	Mass	190	2	M.	66-72-69	2.00-2.25-2.13	1881	N. Y.	190	1 M.	60-60-60 2.00-2.00-2.00
1865	Mass	190	2	M.	66-72-69	2.00-2.50-2.25	1881	Ohio	190	1 M.	72-72-72 2.50-2.50-2.50
1865	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1881	Ohio	363	1 M.	59-59-59 2.00-2.00-2.00
1866	Mass	190	2	M.	66-72-69	2.35-2.50-2.43	1882	Ga	7	1 M.	72-72-72 2.00-2.00-2.00
1866	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1882	Mass	190	3 M.	60-60-60 2.00-3.15-2.55
1867	Mass	190	2	M.	66-72-69	2.50-3.00-2.75	1882	N. H	7	1 M.	66-66-66 3.00-3.00-3.00
1867	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1882	N. Y.	190	1 M.	60-60-60 2.00-2.00-2.00
1868	Mass	190	3	M.	60-66-64	2.00-3.00-2.50	1882	Ohio	190	1 M.	72-72-72 2.00-2.00-2.00
1868	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1882	S. C	7	1 M.	69-69-69 1.17-1.17-1.17
1869	Mass	190	3	M.	60-66-64	2.00-3.00-2.50	1882	Canada	33	(a) (a)	60-60-60 3.00-3.00-3.00
1869	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1882	England	33	(a) M.	(a) .81- .81- .81
1870	Mass	190	3	M.	60-72-66	2.00-3.00-2.50	1882	Germany	33	(a) M.	76-84 — .71- .83- —
1870	N. Y.	190	1	M.	60-60-60	4.00-4.00-4.00	1883	Ga	7	1 M.	(a) 2.75-2.75-2.75
1871	Mass	190	3	M.	60-66-64	2.00-3.25-2.58	1883	Mass	190	3 M.	60-60-60 2.00-3.15-2.55
1871	N. Y.	190	1	M.	60-60-60	4.00-4.00-4.00	1883	Mass	273	6 M.	(a) 2.50-3.50-3.00
1872	Mass	190	3	M.	60-72-66	2.00-3.25-2.58	1883	N. Y.	190	1 M.	60-60-60 2.00-2.00-2.00
1873	Mass	190	3	M.	60-66-64	2.00-3.00-2.50	1883	England	572	(a) M.	59-59-59 1.14-1.14-1.14
1874	Mass	190	3	M.	60-66-64	2.00-3.00-2.50	1883	Gr't Brit	273	(a) M.	(a) 1.62-1.62-1.62
1875	Mass	190	3	M.	60-60-60	2.00-3.00-2.50	1884	La	7	1 M.	66-66-66 1.50-1.50-1.50
1876	Mass	190	3	M.	60-60-60	2.00-3.00-2.50	1884	Mass	190	4 M.	60-60-60 2.00-3.15-2.58

a Not reported. b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREMEN, YARD HANDS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mich	278	7 M.	(a)	1.50-4.75-2.64
1884 N. Y	190	1 M.	60-60-60	2.00-2.00-2.00
1884 Canada	178	(a) M.	(a)	1.00-2.00- —
1884 C.of G'd H.	178	(a) (a)	(a)	2.43-2.75- —
1884 Germany	178	(a) M.	(a)	1.37-1.94- —
1884 Mexico	178	(a) (a)	(a)	1.92-1.92-1.92
1885 Conn	7	1 M.	60-60-60	2.00-2.00-2.00
1885 Mass	190	4 M.	60-60-60	2.00-3.15-2.41
1885 Mich	279	6 M.	(a)	1.53-2.88-2.59
1885 N. Y	190	1 M.	60-60-60	2.00-2.00-2.00
1885 Pa	1	17 M.	48-48-48	2.00-2.00-2.00
1885 Vt	7	5 M.	60-60-60	2.00-2.50-2.35
1885 Wis	7	1 M.	72-72-72	1.50-1.50-1.50
1885 Wis	408	1 M.	60-60-60	1.70-1.70-1.70
1886 Mass	190	4 M.	60-60-60	2.00-3.15-2.35
1886 N. Y	190	1 M.	60-60-60	2.00-2.00-2.00
1886 Pa	7	1 M.	60-60-60	1.75-1.75-1.75
1886 R. I	7	1 M.	60-60-60	2.25-2.25-2.25
1886 England	67	(a) M.	(a)	4.06-4.06-4.06
1887 Conn	4	4 M.	(a)	1.63-2.30-1.99
1887 Fla	4	1 M.	(a)	1.25-1.25-1.25
1887 Md	4	17 M.	(a)	1.50-3.07-2.19
1887 Mass	4	7 M.	(a)	1.92-2.75-2.25
1887 Mass	190	4 M.	60-60-60	2.00-3.15-2.35
1887 Mich	4	3 M.	(a)	1.60-1.60-1.60
1887 Mo	4	38 M.	(a)	1.73-3.45-2.62
1887 N. J	4	1 M.	(a)	1.73-1.73-1.73
1887 N. Y	4	33 M.	(a)	1.46-4.79-1.88
1887 N. Y	190	1 M.	60-60-60	2.25-2.25-2.25
1887 Oregon	4	20 M.	(a)	2.49-2.88-2.86
1887 Pa	4	54 M.	(a)	1.50-4.79-2.45
1887 Pa	4	2 M.	(a)	b .16- .20- .18
1887 R. I	4	2 M.	(a)	1.73-2.50-2.12
1887 Wis	4	14 M.	(a)	1.50-2.88-2.23
1887 England	70	(a) M.	(a)	1.42-1.42-1.42
1888 Conn	6	1 M.	(a)	2.50-2.50-2.50
1888 Ga	6	1 M.	66-66-66	4.00-4.00-4.00
1888 Mass	190	6 M.	60-60-60	2.00-3.15-2.40
1888 Mich	280	1 M.	60-60-60	1.99-1.99-1.99
1888 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50
1888 N. Y	331	1 M.	(a)	4.25-4.25-4.25
1888 R. I	6	1 M.	60-60-60	2.50-2.50-2.50
1888 Germany	558	(a) (a)	48-48-48	.60- .64- —
1889 Ga	5	1 M.	84-84-84	1.64-1.64-1.64
1889 Me	6	2 M.	(a)	2.25-2.25-2.25
1889 Mass	6	2 M.	60-60-60	1.50-1.75-1.63
1889 Mass	190	4 M.	60-60-60	2.00-3.15-2.41
1889 Mich	281	3 M.	60-60-60	1.00-2.50-1.67
1889 Mo	5	1 M.	(a)	2.50-2.50-2.50
1889 N. H	6	5 M.	c 60-60-60	2.25-3.40-2.83
1889 N. Y	6	1 M.	(a)	1.67-1.67-1.67
1889 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50
1889 Pa	5	2 M.	60-60-60	1.50-1.50-1.50
1889 R. I	6	1 M.	(a)	1.70-1.70-1.70
1889 Tenn	5	1 M.	(a)	2.79-2.79-2.79
1889 Australia	432	(a) M.	(a)	2.43-2.43-2.43
1890 Ind	6	1 M.	60-60-60	1.50-1.50-1.50
1890 Mass	190	4 M.	60-60-60	2.00-3.15-2.49
1890 Miss	6	1 M.	(a)	2.33-2.33-2.33
1890 N. H	6	1 M.	60-60-60	2.00-2.00-2.00
1890 N. Y	6	1 M.	(a)	3.00-3.00-3.00
1890 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50
1890 N. Y	333	11 M.	(a)	1.50-2.63-2.02
1890 N. C	345	1 M.	(a)	.65- .65- .65
1891 Me	257	1 M.	60-60-60	1.90-1.90-1.90
1891 Mass	190	3 M.	60-60-60	2.00-3.15-2.55
1891 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1891 Minn	191	1 M.	60-60-60	2.25-2.25-2.25
1891 Mo	300	3 M.	(a)	2.30-3.51-2.92
1891 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50
1891 N. Y	333	16 M.	(a)	1.50-3.33-2.12
1891 Ohio	372	4 M.	60-60-60	1.75-3.25-2.63
1891 Wis	411	1 M.	(a)	2.28-2.28-2.28
1891 Canada	191	(a) M.	66-66-66	1.84-3.20- —
1892 Me	258	79 M.	60-60-60	2.24-3.50-2.28
1892 Mass	20	2 M.	60-60-60	3.85-3.85-3.85
1892 Mass	190	2 M.	58-58-58	3.15-3.68-3.42
1892 Mich	191	1 M.	60-60-60	1.63-1.63-1.63
1892 Minn	191	1 M.	60-60-60	2.25-2.25-2.25
1892 N. H	6	1 M.	(a)	4.00-4.00-4.00
1892 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1892 N. Y	190	1 M.	60-60-60	2.50-2.50-2.50
1892 Canada	191	(a) M.	66-66-66	1.84-3.20- —
1892 France	505	(a) M.	63-66 —	.72-1.01- —
1892 France	505	(a) M.	60-60-60	d 1.54-1.54-1.54
1893 Mass	20	1 M.	58-58-58	3.85-3.85-3.85
1893 Mich	191	1 M.	60-60-60	1.63-1.63-1.63
1893 Mich	285	1 M.	60-60-60	2.00-2.00-2.00
1893 Minn	191	1 M.	60-60-60	2.50-2.50-2.50
1893 Mont	307	11 M.	54-60-58	3.12-3.83-3.41
1893 Mont	307	1 M.	54-54-54	e 3.83-3.83-3.83
1893 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1893 Ohio	374	3 M.	54-60-58	1.60-2.50-2.03
1893 Wis	412	1 M.	(a)	2.28-2.28-2.28
1893 Canada	191	(a) M.	66-66-66	1.84-3.20- —
1894 Ga	8	1 M.	60-60-60	1.60-1.60-1.60
1894 Iowa	236	3 M.	60-66-62	2.10-2.89-2.41
1894 Mass	20	1 M.	58-58-58	3.85-3.85-3.85
1894 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1894 Minn	191	1 M.	60-60-60	3.00-3.00-3.00
1894 N. Y	8	2 M.	60-60-60	1.75-2.50-2.13
1894 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1894 Ohio	375	2 M.	54-54-54	1.50-1.50-1.50
1894 Canada	191	(a) M.	66-66-66	1.84-3.20- —
1895 Ga	7	2 M.	66-66-66	1.50-2.00-1.75
1895 Ga	8	2 M.	66-66-66	1.25-1.50-1.38
1895 La	7	1 M.	60-60-60	1.50-1.50-1.50
1895 Me	7	2 M.	60-60-60	2.00-2.25-2.13
1895 Mass	7	2 M.	58-60-59	1.67-3.83-2.75
1895 Mass	20	1 M.	58-58-58	3.85-3.85-3.85
1895 Mich	191	1 M.	60-60-60	1.50-1.50-1.50
1895 Minn	191	1 M.	60-60-60	3.00-3.00-3.00
1895 Mo	304	2 M.	(a)	1.90-2.50-2.20
1895 N. H	7	5 M.	60-60-60	2.50-3.50-2.80
1895 N. Y	20	1 M.	60-60-60	2.50-2.50-2.50
1895 Vt	7	4 M.	60-60-60	2.50-2.50-2.50
1895 Canada	191	(a) M.	60-60-60	1.84-3.20- —
1895 N. Zealand	670	(a) M.	(a)	4.06-4.06-4.06
1896 Conn	7	1 M.	60-60-60	2.00-2.00-2.00
1896 Ga	7	2 M.	63-66-65	1.17-1.75-1.46
1896 Mich	191	1 M.	60-60-60	1.75-1.75-1.75
1896 Minn	191	3 M.	60-60-60	2.50-3 00-2.67
1896 N. H	7	1 M.	60-60-60	2.75-2.75-2.75
1896 Ohio	377	3 M.	58-58-58	1 71-1.71-1.71
1896 Pa	7	2 M.	60-60-60	1.50-1.50-1.50
1896 R. I	7	1 M.	60-60-60	2.25-2.25-2.25
1896 S. C	7	2 M.	66-66-66	1.35-1.50-1 43
1896 Wis	7	1 M.	72-72-72	1.75-1.75-1 75
1896 Canada	191	(a) M.	60-60-60	1.84-5.00- —
1898 Pa	18	1 M.	(a)	3.11-3.11 3.11
1899 Pa	18	2 M.	(a)	1.70-3.83-2.77

a Not reported.
b Per hour.
c Not including hours of 4 persons not reported.
d And *gratifications*.
e And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN, ARTIFICIAL FLOWER MAKERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y	7	1 F.	54-54-54	2.50-2.50-2.50	1892 France	505	(a) F.	60-60-60	0.26-0.26-0.26
1886 Pa	3	2 F.	53-54-54	1.33-1.50-1.42	1893 England	632	(a) F.	(a)	1.01-1.01-1.01
1890 N. Y	333	4 F.	(a)	1.67-4.17-3.00	1894 France	129	(a) F.	60-60-60	1.35-1.35-1.35
1891 N. Y	333	4 F.	(a)	2.50-4.17-3.33	1895 N. Y	7	2 F.	54-54-54	2.67-2.67-2.67

FOREWOMEN (NOT SPECIFIED), AWNINGS, TENTS, FLAGS, AND SAILS.

1880 Md	7	1 F.	(a)	1.67-1.67-1.67	1894 Australia	425	(a) F.	(a)	.81-1.22- —
1884 N. J	7	1 F.	59-59-59	1.33-1.33-1.33	1895 Md	7	2 F.	54-60-57	1.00-1.33-1.17
1885 Md	7	1 F.	60-60-60	1.00-1.00-1.00	1895 N. J	7	1 F.	59-59-59	1.67-1.67-1.67
1885 Pa	7	1 F.	60-60-60	1.25-1.25-1.25	1895 Australia	426	(a) (a)	(a)	.81-1.22- —
1886 Mich	7	1 F.	60-60-60	1.17-1.17-1.17	1896 Mich	7	1 F.	60-60-60	1.33-1.33-1.33
1886 Mo	3	2 F.	b47-47-47	.58-1.17- .88	1896 Pa	7	1 F.	60-60-60	1.08-1.08-1.08
1886 N. J	3	1 F.	53-53-53	1.36-1.36-1.36	1896 Australia	427	(a) F.	(a)	.81-1.22- —
1887 Mass	3	1 F.	53-53-53	1.50-1.50-1.50	1897 Nebr	314	1 F.	(a)	1.50-1.50-1.50
1890 N. Y	333	2 F.	(a)	1.83-1.83-1.83	1897 Australia	428	(a) F.	(a)	1.22-1.22-1.22
1891 Mich	283	3 F.	(a)	1.17-1.33-1.25	1898 Mo	306	1 F.	(a)	2.88-2.88-2.88
1891 N. Y	333	2 F.	(a)	1.83-1.83-1.83	1898 Australia	429	(a) F.	(a)	.81-1.22- —
1892 Australia	424	(a) F.	(a)	1.01-1.01-1.01					

FOREWOMEN (NOT SPECIFIED), BAGS AND BAGGING.

1882 Mo	7	1 F.	59-59-59	1.67-1.67-1.67	1891 N. Y	333	2 F.	(a)	1.75-1.75-1.75
1886 Mo	3	1 F.	60-60-60	1.17-1.17-1.17	1895 Mo	7	1 F.	59-59-59	1.67-1.67-1.67
1886 Pa	3	1 F.	60-60-60	1.00-1.00-1.00	1895 N. Y	8	2 F.	54-54-54	2.50-2.50-2.50
1890 N. Y	333	2 F.	(a)	1.67-1.67-1.67					

FOREWOMEN, BAKERY.

1880 Pa	7	1 F.	60-60-60	1.17-1.17-1.17	1892 France	505	(a) F.	60-63 —	.42- .77- —
1886 Ill	7	1 F.	72-72-72	1.33-1.33-1.33	1894 Australia	425	(a) F.	(a)	.65-1.34- —
1886 Mo	3	2 F.	56-57-57	1.17-1.33-1.25	1894 France	129	(a) F.	(a)	.58-1.16- —
1886 N. Y	7	1 F.	(a)	1.00-1.00-1.00	1895 Iowa	7	1 F.	60-60-60	1.00-1.00-1.00
1887 Cal	3	1 F.	60-60-60	2.00-2.00-2.00	1895 Australia	426	(a) (a)	(a)	.65-1.34- —
1888 Cal	194	1 F.	60-60-60	2.00-2.00-2.00	1896 Ill	7	1 F.	60-60-60	1.50-1.50-1.50
1888 Ga	3	2 F.	53-54-54	.50- .83- .67	1896 Pa	7	1 F.	57-57-57	1.33-1.33-1.33
1888 S. C	3	1 F.	(a)	1.25-1.25-1.25	1896 Australia	427	(a) F.	(a)	.65-1.22- —
1891 N. Y	333	1 F.	(a)	.83- .83- .83	1897 Australia	428	(a) F.	(a)	.81- .81- .81
1892 Ill	210	1 F.	59-59-59	2.00-2.00-2.00	1898 Mo	306	1 F.	(a)	.92- .92- .92
1892 Australia	424	(a) F.	(a)	.81-2.03- —	1898 Australia	429	(a) F.	(a)	.61- .81- —

FOREWOMEN (NOT SPECIFIED), BONNET FRAMES.

1870 N. Y	7	2 F.	54-54-54	1.67-2.00-1.84	1890 N. Y	333	1 F.	(a)	1.17-1.17-1.17
1886 Pa	3	1 F.	55-55-55	1.00-1.00-1.00	1891 N. Y	333	1 F.	(a)	1.00-1.00-1.00
1887 Mass	3	1 F.	53-53-53	2.00-2.00-2.00	1896 N. Y	7	2 F.	54-54-54	1.50-1.67-1.59

FOREWOMEN (NOT SPECIFIED), BOOKBINDERY.

1870 N. Y	7	1 F.	60-60-60	1.00-1.00-1.00	1883 Mass	273	3 F.	(a)	1.67-2.00-1.78
1874 R. I	7	1 F.	60-60-60	1.67-1.67-1.67	1883 Mo	7	1 F.	53-53-53	1.67-1.67-1.67
1880 Pa	7	1 F.	60-60-60	1.50-1.50-1.50	1884 Pa	7	1 F.	59-59-59	1.67-1.67-1.67
1880 R. I	7	1 F.	59-59-59	1.33-1.33-1.33	1884 Wales	178	(a) F.	(a)	.61- .81- —
1883 Mass	7	1 F.	(a)	1.50-1.50-1.50	1885 Ill	7	2 F.	59-59-59	1.50-2.67-2.09

a Not reported.

b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), BOOKBINDERY—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mass	7	2 F.	55-59-57	2.00-2.33-2.17
1885 S. C	7	1 F.	59-59-59	1.17-1.17-1.17
1886 Mich	7	2 F.	59-59-59	1.17-2.00-1.59
1886 Mo	3	3 F.	59-60-59	1.00-1.33-1.17
1886 N. Y	7	1 F.	59-59-59	1.67-1.67-1.67
1886 Pa	3	5 F.	52-60-57	1.08-1.67-1.28
1886 R. I	3	1 F.	53-53-53	1.23-1.23-1.23
1886 Ireland	3	(a) F.	52-52-52	2.00-2.00-2.00
1887 Cal	3	1 F.	53-53-53	2.00-2.00-2.00
1887 Ill	3	1 F.	59-59-59	1.25-1.25-1.25
1887 Mass	3	2 F.	52-59-56	1.25-1.67-1.46
1887 Minn	3	2 F.	59-60-60	1.33-1.67-1.50
1887 N. Y	3	3 F.	54-61-57	1.00-1.17-1.06
1887 Ohio	3	1 F.	51-51-51	1.83-1.83-1.83
1888 Cal	194	1 F.	54-54-54	2.00-2.00-2.00
1888 Ind	3	3 F.	58-60-59	1.00-1.33-1.12
1888 Va	3	2 F.	59-59-59	1.00-1.67-1.34
1890 Ill	19	2 F.	(a)	1.33-2.50-1.92
1890 N. Y	333	5 F.	(a)	.67-2.00-1.47
1891 Mich	283	4 F.	(a)	1.17-1.17-1.17
1891 Ill	19	2 F.	(a)	1.33-2.50-1.92
1891 N. Y	333	3 F.	(a)	.67-2.00-1.33
1891 France	505	(a) F.	51-81 —	.97-1.18- —
1892 Ill	19	3 F.	59-59-59	1.17-2.50-1.67
1892 Ill	210	11 F.	53-59-58	1.33-3.33-1.93
1893 Ill	19	2 F.	59-59-59	1.50-2.50-2.00
1893 Pa	10	1 F.	69-69-69	1.17-1.17-1.17
1895 Mass	7	4 F.	53-58-56	1.50-2.33-1.88
1895 Mo	7	1 F.	53-53-53	2.00-2.00-2.00
1895 N. Y	7	1 F.	56-56-56	1.50-1.50-1.50
1895 N. Y	8	1 F.	60-60-60	3.00-3.00-3.00
1895 R. I	7	3 F.	59-60-59	1.33-1.50-1.39
1895 S. C	7	1 F.	59-59-59	1.17-1.17-1.17
1896 Ill	7	2 F.	57-59-58	1.67-3.00-2.34
1896 Iowa	7	1 F.	59-59-59	2.00-2.00-2.00
1896 Mich	7	3 F.	56-59-58	1.17-2.50-1.67
1896 N. Y	7	2 F.	59-59-59	1.00-1.17-1.09
1896 N. Y	8	2 F.	60-60-60	2.00-3.00-2.50
1896 Pa	7	2 F.	59-59-59	1.00-2.00-1.50
1897 Australia	428	(a) F.	(a)	.71-1.22- —

FOREWOMEN (NOT SPECIFIED), BOOTS AND SHOES.

1879	Pa	7	1	F.	57-57-57	2.00-2.00-2.00	1888	N. Y	331	2	F.	53-59-56	2.00-2.00-2.00
1885	Conn	7	1	F.	60-60-60	1.33-1.33-1.33	1890	N. Y	333	8	F.	(a)	.83-3.00-1.81
1885	Mass	7	2	F.	59-60-60	1.67-2.00-1.84	1891	Mich	283	1	F.	(a)	2.00-2.00-2.00
1885	N. J	7	1	F.	55-55-55	1.17-1.17-1.17	1891	N. Y	333	9	F.	(a)	.93-3.00-1.83
1886	Md	3	1	F.	59-59-59	1.50-1.50-1.50	1891	France	505	(a)	F.	63-72 —	.87-1.54- —
1886	Mo	3	4	F.	59-59-59	1.33-2.00-1.71	1892	Ill	210	7	F.	56-58-57	1.00-3.33-1.88
1886	N. J	3	3	F.	49-52-51	.83-1.17-1.06	1892	Me	258	4	F.	(a)	1.67-2.50-2.09
1886	N. J	325	1	F.	60-60-60	2.50-2.50-2.50	1892	France	505	(a)	F.	b 60-72 —	.21-1.06- —
1886	N. Y	7	4	F.	56-60-59	1.67-3.00-2.29	1894	N. Y	8	1	F.	60-60-60	2.00-2.00-2.00
1886	Pa	3	2	F.	49-54-52	1.33-1.50-1.42	1895	Mass	7	2	F.	58-58-58	1.80-3.00-2.40
1886	Pa	7	1	F.	(a)	.83- .83- .83	1895	Mass	8	2	F.	60-60-60	2.30-2.30-2.30
1886	Ireland	3	(a)	F.	56-56-56	2.00-2.00-2.00	1895	Mo	304	1	F.	(a)	2.75-2.75-2.75
1887	Cal	3	1	F.	54-54-54	1.00-1.00-1.00	1895	N. J	7	1	F.	55-55-55	1.33-1.33-1.33
1887	Ill	3	1	F.	59-59-59	1.75-1.75-1.75	1895	N. Y	7	1	F.	60-60-60	1.50-1.50-1.50
1887	Ind	3	1	F.	(a)	.58- .58- .58	1895	N. Y	8	1	F.	60-60-60	3.00-3.00-3.00
1887	Ky	3	2	F.	53-47-50	1.20-1.25-1.23	1895	Ohio	376	2	F.	60-60-60	1.33-1.50-1.42
1887	Md	3	1	F.	58-58-58	1.67-1.67-1.67	1896	Mass	8	1	F.	60-60-60	3.00-3.00-3.00
1887	Mass	3	1	F.	53-53-53	1.31-1.31-1.31	1896	N. Y	7	5	F.	56-60-59	2.00-3.96-2.89
1887	N. Y	3	1	F.	60-60-60	2.50-2.50-2.50	1896	Pa	7	3	F.	59-60-60	.83-1.00- .91
1887	Ohio	3	1	F.	56-56-56	1.33-1.33-1.33	1897	Australia	428	(a)	F.	(a)	.91-1.62- —
1887	Pa	3	2	F.	53-57-55	1.00-2.50-1.75	1898	Mo	306	8	F.	(a)	.96-3.83-2.46
1888	Me	254	1	F.	60-60-60	2.00-2.00-2.00	1898	Australia	429	(a)	F.	(a)	.91-1.82- —
1888	N. J	326	1	F.	60-60-60	1.75-1.75-1.75							

FOREWOMEN, BOTTLERS.

1880	Pa	7	1	F.	(a)	1.50-1.50-1.50	1888	N. Y	331	1	F.	60-60-60	1.67-1.67-1.67
1885	Ga	7	1	F.	66-66-66	.58- .58- .58	1896	Pa	7	1	F.	54-54-54	1.67-1.67-1.67

FOREWOMEN, BOX MAKERS, CIGAR.

1885	N. J	7	2	F.	58-60-59	1.17-1.67-1.42	1891	N. Y	333	1	F.	(a)	1.25-1.25-1.25
1886	Ill	7	1	F.	60-60-60	1.33-1.33-1.33	1895	N. J	7	1	F.	50-50-50	1.00-1.00-1.00
1886	Mo	3	1	F.	62-62-62	2.17-2.17-2.17	1896	Ill	7	1	F.	48-48-48	1.33-1.33-1.33
1887	Cal	3	1	F.	54-54-54	1.67-1.67-1.67	1896	N. Y	7	1	F.	58-58-58	2.00-2.00-2.00
1888	Cal	194	1	F.	54-54-54	1.67-1.67-1.67	1896	Wis	7	1	F.	48-48-48	.90- .90- .90

a Not reported

b Applies to but 21 of the 22 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN, BOX MAKERS, PAPER.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Md	7	1 F.	(a)	1.00-1.00-1.00	1888 Va	3	1 F.	60-60-60	1.00-1.00-1.00
1884 N. J	7	1 F.	(a)	1.17-1.17-1.17	1890 N. Y	333	2 F.	(a)	1.50-1.67-1.59
1885 Md	7	2 F.	60-60-60	1.17-1.17-1.17	1891 N. Y	333	3 F.	(a)	1.50-1.67-1.61
1885 Mass	7	1 F.	50-50-50	2.50-2.50-2.50	1892 Ill	210	5 F.	57-57-57	1.33-1.67-1.53
1885 Mo	3	1 F.	60-60-60	1.17-1.17-1.17	1894 Ind	228	1 F.	60-60-60	1.00-1.00-1.00
1885 N. J	7	5 F.	b 59-59-59	1.08-2.33-1.43	1895 Ga	7	1 F.	60-60-60	2.50-2.50-2.50
1885 N. Y	7	1 F.	59-59-59	.92- .92- .92	1895 Md	7	2 F.	60-60-60	.92-1.00- .96
1886 Mo	3	2 F.	53-57-55	.83-1.17-1.00	1895 Mass	7	1 F.	60-60-60	2.50-2.50-2.50
1886 N. J	3	1 F.	59-59-59	1.17-1.17-1.17	1895 N. J	7	7 F.	48-60-56	1.00-2.50-1.51
1886 N. Y	7	2 F.	(a)	1.00-1.33-1.17	1895 N. Y	7	2 F.	57-59-58	.83- .83- .83
1886 Pa	3	4 F.	53-59-57	1.00-1.25-1.13	1896 Md	7	2 F.	60-60-60	1.17-1.17-1.17
1886 R. I	3	2 F.	53-62-58	1.33-1.83-1.58	1896 Mich	7	4 F.	48-60-57	1.00-1.25-1.06
1887 Minn	3	1 F.	57-57-57	1.17-1.17-1.17	1896 N. Y	7	4 F.	54-60-57	1.33-1.50-1.38
1887 N. Y	3	1 F.	53-53-53	.88- .88- .88	1896 Ohio	377	1 F.	48-48-48	1.00-1.00-1.00
1888 N. Y	331	5 F.	c 59-59-59	1.17-1.67-1.47	1896 Pa	7	2 F.	60-60-60	1.33-1.67-1.50

FOREWOMEN, BOX MAKERS, PLUSH AND FANCY.

1885 N. Y	7	4 F.	56-56-56	2.00-3.33-2.42	1893 Ill	10	1 F.	59-59-59	1.67-1.67-1.67
1887 Ill	3	1 F.	51-51-51	2.08-2.08-2.08	1896 N. Y	7	6 F.	56-56-56	2.00-3.00-2.25

FOREWOMEN (NOT SPECIFIED), BRAID AND EMBROIDERY.

1885 N. Y	7	3 F.	56-56-56	1.67-2.08-1.81	1890 N. Y	333	38 F.	(a)	1.17-3.33-1.64
1886 N. J	3	1 F.	55-55-55	1.67-1.67-1.67	1891 N. Y	333	37 F.	(a)	1.17-3.33-1.85
1886 Pa	3	1 F.	60-60-60	1.33-1.33-1.33	1892 Ill	210	6 F.	52-56-55	1.10-2.39-1.57
1887 N. Y	3	3 F.	55-58-56	.94-1.50-1.20	1892 France	505	(a) F.	d 57-69 —	.34-1.16- —
1887 Germany	557	(a) F.	60-60-60	.60- .73- —	1895 N. Y	7	3 F.	55-56-56	1.33-1.67-1.56
1888 Germany	558	(a) F.	60-60-60	.60- .95- —	1895 N. Y	341	1 F.	49-49-49	1.50-1.50-1.50
1889 Germany	550	(a) F.	60-60-60	.68- .73- —					

FOREWOMEN, BRUSH MAKERS.

1886 Pa	3	1 F.	56-56-56	1.17-1.17-1.17	1888 Germany	558	(a) F.	57-57-57	.60- .60- .60
1887 Mass	3	3 F.	48-60-56	1.25-1.67-1.42					

FOREWOMEN, BUTTON MAKERS.

1832 Mass	8	2 F.	66-66-66	.50- .50- .50	1891 N. Y	333	3 F.	(a)	1.33-1.50-1.39
1886 N. Y	3	1 F.	59-59-59	1.17-1.17-1.17	1892 France	505	(a) F.	60-60 60	.83- .83- .83
1886 Pa	3	1 F.	49-49-49	1.00-1.00-1.00	1893 N. J	327	1 F.	55-55-55	2.00-2.00-2.00
1886 Pa	7	1 F.	59-59-59	1.17-1.17-1.17	1895 Mass	8	2 F.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	2 F.	(a)	1.33-1.33-1.33	1896 Pa	7	2 F.	58-58-58	1.17-1.67-1.42

FOREWOMEN, CANDY MAKERS AND CONFECTIONERS.

1880 N. Y	7	2 F.	59-59-59	.92-1.17-1.05	1886 Mo	3	4 F.	59-60-59	.67-1.67- .98
1880 Pa	7	2 F.	60-60-60	1.17-1.17-1.17	1886 Pa	3	1 F.	58-58-58	.83- .83- .83
1885 Md	7	3 F.	(a)	.83-1.17- .94	1886 Ireland	3	(a) F.	59-59-59	1.33-1.33-1.33
1885 N. Y	7	4 F.	56-60-58	1.00-1.67-1.17	1887 Ill	3	3 F.	60-60-60	1.00-1.42-1.19
1886 Ill	7	2 F.	60-60-60	1.00-1.33-1.17	1887 Ky	3	1 F.	59-59-59	.67- .67- .67
1886 Md	3	1 F.	54-54-54	.63- .63- .63	1887 Mass	3	2 F.	56-59-58	1.00-1.50-1.25
1886 Mich	7	1 F.	60-60-60	2.00-2.00-2.00	1887 Minn	3	2 F.	60-60-60	1.17-1.25-1.21

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 4 persons not reported.
d Applies to but 6 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN, CANDY MAKERS AND CONFECTIONERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 N. Y.	3	4 F.	59-60-60	0.88-1.17-1.01
1887 Ohio	3	1 F.	54-54-54	.67- .67- .67
1888 Ga	3	1 F.	60-60-60	.63- .63- .63
1888 Ind	3	3 F.	56-60-58	.83-1.00- .89
1888 N. Y.	331	2 F.	60-60-60	1.08-1.50-1.29
1890 N. Y.	333	1 F.	(a)	1.00-1.00-1.00
1891 Mich	283	2 F.	(a)	1.00-1.50-1.25
1891 N. Y.	333	6 F.	(a)	.92-2.50-1.68
1891 France	505	(a) F.	60-60-60	.75- .75- .75
1892 Ill.	210	1 F.	59-59-59	1.17-1.17-1.17
1895 Ga	7	1 F.	60-60-60	1.00-1.00-1.00
1895 Md.	7	5 F.	60-60-60	0.83-1.33-1.00
1895 Mass	7	2 F.	56-56-56	1.33-3.00-2.17
1895 N. Y.	7	3 F.	56-59-58	1.00-1.33-1.14
1896 Ill.	7	2 F.	60-60-60	1.08-2.00-1.54
1896 Iowa	7	1 F.	59-59-59	1.25-1.25-1.25
1896 Mich	7	2 F.	60-60-60	1.00-1.67-1.34
1896 N. Y.	7	2 F.	60-60-60	1.00-1.00-1.00
1896 Pa	7	2 F.	55-57-56	1.33-2.00-1.67
1897 Australia	428	(a) F.	(a)	.81- .81- .81
1898 Mo	306	1 F.	(a)	3.14-3.14-3.14
1898 Australia	429	(a) F.	(a)	.71-1.12- —

FOREWOMEN (NOT SPECIFIED), CANNED GOODS.

1886	N. Y.	7	2	F.	60-60-60	1.17-1.67-1.42	1892	France	505	(a)	F.	b 60-72 —	.39- .92- —
1887	Cal.	3	1	F.	63-63-63	2.50-2.50-2.50	1895	N. J	7	1	F.	56-56-56	1.17-1.17-1.17
1888	Cal.	194	1	F.	60-60-60	2.50-2.50-2.50	1896	Cal.	8	4	F.	60-60-60	1.50-2.49-2.00
1891	Mich	283	1	F.	(a)	.83- .83- .83	1896	N. Y.	7	2	F.	60-60-60	1.33-1.50-1.42
1891	N. Y.	333	3	F.	(a)	1.50-3.00-2.19							

FOREWOMEN, CARPET SEWERS.

1888	Ga	3	3	F.	60-60-60	1.00-1.25-1.09	....	.....	....	....	....	.....	.....

FOREWOMEN (NOT SPECIFIED), CHOCOLATE AND COCOA.

1892	France	505	(a)	F.	54-63 —	.48- .68- —	....	.....	....	....	....	.....	.....

FOREWOMEN, CLOAKMAKERS.

1884	Ill.	3	1	F.	(a)	2.50-2.50-2.50	1893	N. Y.	10	2	F.	53-53-53	1.67-1.67-1.67
1885	Ill.	7	6	F.	54-54-54	1.67-2.50-1.92	1894	France	506	(a)	F.	(a)	.87- .87- .87
1885	Md.	7	1	F.	60-60-60	2.50-2.50-2.50	1895	Ill.	7	6	F.	54-54-54	1.33-2.50-1.75
1886	Mo	3	1	F.	65-65-65	1.67-1.67-1.67	1895	Me	7	1	F.	57-57-57	2.00-2.00-2.00
1887	Ill.	3	2	F.	53-53-53	3.00-3.33-3.17	1895	Md.	7	1	F.	57-57-57	2.50-2.50-2.50
1887	N. Y.	3	2	F.	53-56-55	1.67-2.50-2.09	1895	Mo	7	2	F.	54-54-54	2.00-2.00-2.00
1888	Germany	558	(a)	F.	54-54-54	.60- .60- .60	1895	Ohio	7	1	F.	58-58-58	3.33-3.33-3.33
1892	Ill.	210	2	F.	54-54-54	1.00-3.33-2.17	1896	Pa	7	1	F.	56-56-56	2.00-2.00-2.00

FOREWOMEN (NOT SPECIFIED), CLOTHING.

1870	N. Y.	7	2	F.	52-52-52	1.67-1.67-1.67	1887	Ill.	3	1	F.	48-48-48	1.00-1.00-1.00
1872	Mass	268	70	F.	(a)	1.00-2.50-1.63	1887	Ky	3	1	F.	56-56-56	1.75-1.75-1.75
1881	Mo	7	1	F.	54-54-54	1.67-1.67-1.67	1887	La	3	1	F.	61-61-61	1.17-1.17-1.17
1885	Ill.	7	4	F.	c 54-54-54	1.33-2.00-1.50	1887	Mass	3	2	F.	51-52-52	1.00-1.67-1.34
1885	Md.	7	3	F.	54-60-58	1.50-2.00-1.72	1887	Minn	3	3	F.	d 57-57-57	1.25-1.33-1.28
1885	N. Y.	7	10	F.	54-60-57	1.17-3.33-2.03	1887	N. Y.	3	2	F.	c 57-57-57	1.33-1.67-1.50
1885	Ohio	7	1	F.	58-58-58	2.92-2.92-2.92	1887	Ohio	3	1	F.	54-54-54	1.00-1.00-1.00
1885	Wis	7	1	F.	60-60-60	2.50-2.50-2.50	1887	Germany	557	(a)	F.	(a)	.25-1.82- —
1885	Germany	547	(a)	F.	(a)	2.38-3.57- —	1888	Ind	3	1	F.	56-56-56	2.50-2.50-2.50
1886	Md.	3	1	F.	60-60-60	.43- .43- .43	1888	Me	254	1	F.	60-60-60	2.00-2.00-2.00
1886	Md.	7	1	F.	57-57-57	1.00-1.00-1.00	1888	N. Y.	331	9	F.	e 53-59-57	1.15-3.17-1.71
1886	Mo	3	2	F.	52-60-56	1.25-1.33-1.29	1888	S. C	3	2	F.	59-60-60	.83-1.17-1.00
1886	N. J	3	2	F.	c 59-59-59	1.25-1.50-1.38	1888	Germany	558	(a)	F.	(a)	.23-1.82- —
1886	Pa	3	3	F.	54-56-55	1.00-1.33-1.22	1889	Kans	243	2	F.	(a)	1.71-1.71-1.71
1886	Pa	7	1	F.	(a)	4.17-4.17-4.17	1889	Germany	550	(a)	F.	(a)	.91-1.09- —
1886	R. I	3	3	F.	60-61-61	1.33-2.25-1.69	1890	N. Y.	333	36	F.	(a)	.67-5.83-1.84

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c Not including hours of 1 person not reported.
d Not including hours of 2 persons not reported.
e Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), CLOTHING—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1890 Australia	423	(a) F.	48-48-48	0.81-1.22- —
1891 Mich	283	11 F.	(a)	1.13-1.33-1.30
1891 N. Y	333	28 F.	(a)	.83-5.83-2.08
1892 Ill	210	4 F.	48-60-52	1.05-2.17-1.72
1892 Me	258	1 F.	60-60-60	2.00-2.00-2.00
1892 Australia	424	(a) F.	(a)	.81-1.01- —
1892 France	505	(a) F.	60-77 —	.29-2.41- —
1893 N. J	327	3 F.	57-57-57	2.00-2.50-2.33
1893 N. Y	10	1 F.	54-54-54	3.00-3.00-3.00
1894 Ind	228	10 F.	56-60-59	1.25-3.50-1.94
1894 N. Y	8	3 F.	60-60-60	1.25-2.50-1.67
1894 France	506	(a) F.	b 60-72 —	.68-1.33- —
1894 France	506	(a) F.	c 60-60-60	d 1.33-1.85- —
1895 Ill	8	2 F.	60-60-60	4.00-4.00-4.00
1895 Iowa	7	1 F.	54-54-54	2.00-2.00-2.00
1895 Md	7	2 F.	54-54-54	1.33-2.00-1.67
1895 Mass	8	1 F.	60-60-60	1.50-1.50-1.50
1895 N. J	8	2 F.	60-60-60	1.33-1.33-1.33
1895 N. Y	7	18 F.	52-60-57	1.40-4.17-2.05
1895 N. Y	8	9 F.	59-60-60	1.00-2.33-1.67
1895 Ohio	376	1 F.	51-51-51	1.50-1.50-1.50
1896 Ill	7	4 F.	54-57-55	1.33-2.00-1.58
1896 Md	7	7 F.	57-60-58	1.00-3.17-1.79
1896 Ohio	377	3 F.	48-54-52	1.50-2.00-1.83
1896 Pa	7	2 F.	54-58-56	2.00-2.00-2.00
1896 Wis	7	1 F.	54-54-54	3.00-3.00-3.00
1897 Australia	428	(a) F.	(a)	1.22-3.04- —
1898 Mo	306	18 F.	(a)	1.53-2.68-2.09
1898 Australia	429	(a) F.	(a)	1.22-2.43- —

FOREWOMEN, COLLAR AND CUFF MAKERS.

1885 N. Y	7	2 F.	54-54-54	2.00-2.00-2.00
1888 N. Y	331	5 F.	59-59-59	1.50-1.50-1.50
1890 N. Y	333	3 F.	(a)	1.50-1.67-1.56
1891 N. Y	333	3 F.	(a)	1.50-1.67-1.56
1895 N. Y	7	2 F.	54-54-54	2.00-2.00-2.00
1895 N. Y	8	7 F.	59-59-59	2.00-2.50-2.12

FOREWOMEN, COMPOSITORS.

1883 Mass	7	1 F.	(a)	4.17-4.17-4.17
1886 N. Y	7	1 F.	60-60-60	1.67-1.67-1.67
1894 Ind	228	1 F.	59-59-59	2.00-2.00-2.00
1895 N. Y	7	1 F.	59-59-59	2.33-2.33-2.33
1896 N. Y	7	1 F.	60-60-60	1.67-1.67-1.67

FOREWOMEN, CORSET MAKERS.

1871 England	629	(a) F.	(a)	.81- .81- .81
1874 Conn	185	1 F.	(a)	2.00-2.00-2.00
1884 Mich	278	2 F.	(a)	1.15-1.15-1.15
1885 Ill	7	2 F.	60-60-60	1.67-2.08-1.88
1885 Mass	7	5 F.	60-60-60	1.00-2.00-1.53
1885 N. Y	7	1 F.	59-59-59	2.00-2.00-2.00
1886 Md	7	1 F.	(a)	.83- .83- .83
1886 Mo	3	1 F.	51-51-51	1.67-1.67-1.67
1887 Minn	3	1 F.	60-60-60	1.50-1.50-1.50
1887 Ohio	3	1 F.	57-57-57	1.33-1.33-1.33
1887 Germany	557	(a) F.	48-57 —	.40-1.43- —
1888 Germany	558	(a) F.	48-48-48	1.43-1.43-1.43
1891 Mich	283	5 F.	(a)	1.17-1.38-1.25
1891 France	505	(a) F.	57-60 —	.58-1.00- —
1892 Ill	210	2 F.	54-54-54	1.33-1.50-1.42
1892 France	505	(a) F.	60-72 —	.32-1.28- —
1895 Conn	7	1 F.	60-60-60	1.75-1.75-1.75
1895 Mass	7	5 F.	58-58-58	1.33-2.17-1.73
1895 N. Y	7	1 F.	59-59-59	2.50-2.50-2.50
1895 N. Y	341	2 F.	(a)	2.00-3.33-2.67
1896 Ill	7	2 F.	60-60-60	2.00-2.50-2.25
1896 Md	7	1 F.	54-54-54	.83- .83- .83
1896 N. J	7	12 F.	56-56-56	1.25-2.50-1.54

FOREWOMEN, DRESSMAKERS.

1869 France	609	(a) F.	(a)	.74- .74- .74
1884 Pa	7	1 F.	56-56-56	2.67-2.67-2.67
1884 Switzerl'd	178	(a) F.	66-66-66	1.12-1.76- —
1885 Ga	7	1 F.	(a)	3.33-3.33-3.33
1887 Ill	3	1 F.	54-54-54	2.50-2.50-2.50
1887 Ky	3	1 F.	62-62-62	1.67-1.67-1.67
1887 La	3	2 F.	e 60-60-60	1.54-1.67-1.61
1888 Colo	198	4 F.	54-60-57	3.33-5.83-4.58
1888 Ga	3	1 F.	57-57-57	4.17-4.17-4.17
1888 N. Y	331	1 F.	(a)	2.67-2.67-2.67
1889 Canada	471	(a) F.	56-56-56	1.77-1.77-1.77
1890 N. Y	333	2 F.	(a)	1.67-2.00-1.84
1890 C. of G'd H	484	(a) F.	(a)	.56- .93- —
1891 Mich	283	1 F.	(a)	2.00-2.00-2.00
1891 N. Y	333	2 F.	(a)	1.67-2.50-2.09
1892 Cal	196	1 F.	54-54-54	2.50-2.50-2.50
1892 Ill	210	6 F.	54-54-54	2.00-7.50-3.36
1892 Australia	424	(a) F.	(a)	.81-3.75- —
1892 France	506	(a) F.	f 66-75 —	.58-1.11- —
1894 Australia	425	(a) F.	(a)	1.22-5.27- —
1895 La	7	1 F.	60-60-60	6.67-6.67-6.67
1895 Me	7	1 F.	57-57-57	3.00-3.00-3.00
1895 Australia	426	(a) F.	(a)	1.22-5.27- —
1896 Colo	200	3 F.	54-54-54	8.00-8.00-8.00
1896 Ga	7	2 F.	54-57-56	2.50-3.33-2.92
1896 Pa	7	2 F.	56-59-58	2.50-2.50-2.50
1896 Australia	427	(a) F.	(a)	1.22-5.27- —
1897 Australia	428	(a) F.	(a)	2.23-4.87- —
1898 Australia	429	(a) F.	(a)	1.82-4.87- —

a Not reported.
b Applies to but 3 of the 5 wage quotations.
c Applies to but 1 of the 2 wage quotations.
d And board.
e Not including hours of 1 person not reported.
f Applies to but 3 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), DRUGS AND CHEMICALS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1880 N. Y.	7	1 F.	(a)	2.50-2.50-2.50
1882 R. I	7	1 F.	60-60-60	1.33-1.33-1.33
1883 N. J	322	1 F.	54-54-54	5.00-5.00-5.00
1885 N. Y.	7	2 F.	b57-57-57	2.00-2.50-2.25
1886 Md.	3	1 F.	50-50-50	.83- .83- .83
1886 Mo.	3	2 F.	59-59-59	1.17-1.17-1.17
1886 N. Y.	3	1 F.	49-49-49	1.67-1.67-1.67
1886 N. Y.	7	1 F.	54-54-54	2.00-2.00-2.00
1886 Pa	3	1 F.	60-60-60	1.33-1.33-1.33
1887 Mass	3	1 F.	57-57-57	1.50-1.50-1.50
1887 Mass	3	1 F.	53-53-53	c1.10-1.10-1.10
1887 N. Y.	3	2 F.	41-56-49	1.17-1.67-1.42
1887 Pa	3	1 F.	57-57-57	1.08-1.08-1.08
1888 N. Y.	331	2 F.	b46-46-46	1.33-1.67-1.50
1890 N. Y.	333	2 F.	(a)	1.33-1.83-1.58
1891 Mich.	283	1 F.	(a)	.75- .75- .75
1891 N. Y.	333	8 F.	(a)	.83-2.00-1.27
1891 France	505	(a) F.	66-66-66	1.16-1.16-1.16
1895 Ill.	7	1 F.	55-55-55	2.00-2.00-2.00
1895 Md.	8	1 F.	60-60-60	1.33-1.33-1.33
1895 N. Y.	7	3 F.	48-54-51	1.50-2.67-2.22
1895 Pa	8	6 F.	60-60-60	1.33-2.00-1.69
1895 R. I	7	1 F.	60-60-60	1.25-1.25-1.25
1896 N. Y.	7	1 F.	54-54-54	2.17-2.17-2.17
1897 Australia	428	(a) F.	(a)	.61-2.03- —
1898 Mo.	306	3 F.	(a)	.65-1.92-1.32
1898 Australia	429	(a) F.	(a)	.61-2.03- —

FOREWOMEN, DRY GOODS STORE.

1884	Pa	3	1	F.	(a)	1.67-1.67-1.67	1887	Ill.	3	1	F.	54-54-54	1.33-1.33-1.33
1885	Pa	3	1	F.	(a)	1.67-1.67-1.67	1887	Ky.	3	1	F.	60-60-60	1.17-1.17-1.17
1886	Md.	3	1	F.	51-51-51	1.67-1.67-1.67	1887	N. Y.	3	4	F.	b54-58-56	.92-2.50-1.85
1886	Mo.	3	1	F.	54-54-54	5.83-5.83-5.83	1888	Ga	3	2	F.	53-57-55	.67-1.67-1.17
1886	N. Y.	3	2	F.	52-54-53	1.33-1.50-1.42	1888	Ind	3	1	F.	56-56-56	5.45-5.45-5.45
1886	N. Y.	7	1	F.	57-57-57	4.17-4.17-4.17	1891	Mich.	283	2	F.	(a)	1.17-2.00-1.59
1886	R. I	3	1	F.	57-57-57	2.50-2.50-2.50	1896	N. Y.	7	1	F.	57-57-57	2.00-2.00-2.00

FOREWOMEN, DYERS.

1887	Pa	3	1	F.	55-55-55	.83- .83- .83	1891	France	505	(a)	F.	d60-60-60	.72-1.32- —

FOREWOMEN (NOT SPECIFIED), ELECTRICAL GOODS.

1886	N. Y.	3	1	F.	59-59-59	1.00-1.00-1.00	1896	Ohio	377	3	F.	61-61-61	1.34-1.34-1.34
1887	Ill.	3	1	F.	53-53-53	1.75-1.75-1.75	1898	Mo.	306	2	F.	(a)	1.92-1.92-1.92
1895	Ohio	376	5	F.	(a)	1.54-1.54-1.54							

FOREWOMEN, FEATHER DUSTER MAKERS.

1885	Ill.	7	1	F.	(a)	1.25-1.25-1.25	1895	N. Y.	7	1	F.	48-48-48	1.67-1.67-1.67
1887	N. Y.	3	1	F.	52-52-52	1.67-1.67-1.67	1896	Ill.	7	2	F.	54-56-55	1.00-1.25-1.13

FOREWOMEN (NOT SPECIFIED), FUR AND FUR GOODS.

1885	Ill.	7	1	F.	54-54-54	2.50-2.50-2.50	1892	Australia	424	(a)	F.	(a)	.89- .89- .89
1885	N. Y.	7	1	F.	57-57-57	2.00-2.00-2.00	1894	Australia	425	(a)	F.	(a)	.81-1.01- —
1886	N. Y.	3	2	F.	59-60-60	.75-1.33-1.04	1895	Ill.	7	1	F.	54-54-54	2.50-2.50-2.50
1887	Mass	3	1	F.	54-54-54	2.50-2.50-2.50	1895	Wis	7	1	F.	59-59-59	2.00-2.00-2.00
1887	Minn	3	1	F.	59-59-59	1.17-1.17-1.17	1895	Australia	426	(a)	F.	(a)	.81-1.01- —
1891	Mich.	283	1	F.	(a)	2.08-2.08-2.08	1896	N. Y.	7	1	F.	57-57-57	2.00-2.00-2.00
1891	France	505	(a)	F.	70-70-70	.77- .97- —	1896	Australia	427	(a)	F.	(a)	.81-1.01- —

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), FURNITURE.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	1 F.	(a)	1.58-1.58-1.58
1886 Md.	7	1 F.	60-60-60	1.00-1.00-1.00
1889 Mich.	281	1 F.	60-60-60	.85- .85- .85
1891 Mich.	283	1 F.	(a)	1.25-1.25-1.25
1891 France.	505	(a) F.	60-60-60	1.21-1.30- —
1892 France.	505	(a) F.	63-70 —	.58- .77- —
1892 France.	505	(a) F.	72-72-72	b .63- .63- .63
1895 N. Y.	7	1 F.	48-48-48	2.00-2.00-2.00
1896 Fla.	7	1 F.	60-60-60	.83- .83- .83
1896 Md.	7	1 F.	60-60-60	1.00-1.00-1.00
1897 Australia.	428	(a) F.	(a)	1.01-1.22- —
1898 Mo.	306	2 F.	(a)	1.15-1.53-1.34
1898 Australia.	429	(a) F.	(a)	1.01-1.22- —

FOREWOMEN (NOT SPECIFIED), GLOVES AND MITTENS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Ill.	7	1 F.	(a)	2.00-2.00-2.00
1887 N. Y.	3	1 F.	60-60-60	.75- .75- .75
1890 N. Y.	333	4 F.	(a)	2.00-2.00-2.00
1891 N. Y.	333	3 F.	(a)	2.00-2.75-2.25
1891 France.	505	(a) F.	57-57-57	.97- .97- .97
1892 France.	505	(a) F.	57-60 —	.39- .82- —
1892 France.	505	(a) F.	66-66-66	c .58- .58- .58
1895 N. Y.	7	1 F.	55-55-55	3.00-3.00-3.00
1895 N. Y.	8	1 F.	60-60-60	1.50-1.50-1.50
1896 Ill.	7	1 F.	57-57-57	2.00-2.00-2.00

FOREWOMEN (NOT SPECIFIED), HATS AND CAPS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1866 N. J.	7	1 F.	(a)	2.00-2.00-2.00
1885 N. J.	1	1 F.	60-60-60	1.67-1.67-1.67
1885 N. J.	7	1 F.	(a)	1.67-1.67-1.67
1885 N. Y.	7	2 F.	60-60-60	1.67-2.00-1.84
1886 Md.	3	1 F.	56-56-56	2.00-2.00-2.00
1886 Md.	7	1 F.	57-57-57	1.67-1.67-1.67
1886 Mo.	3	1 F.	57-57-57	1.17-1.17-1.17
1886 N. J.	3	3 F.	d 53-57-55	1.50-2.00-1.72
1886 N. Y.	3	4 F.	53-60-56	1.00-3.00-1.58
1886 Pa.	3	1 F.	53-53-53	1.17-1.17-1.17
1887 Ohio	3	1 F.	60-60-60	1.67-1.67-1.67
1887 Germany.	557	(a) F.	63-63-63	.48- .79- —
1888 Ind.	3	1 F.	57-57-57	2.00-2.00-2.00
1888 Me.	254	1 F.	60-60-60	1.50-1.50-1.50
1888 N. J.	326	2 F.	(a)	2.00-2.00-2.00
1888 N. Y.	331	4 F.	(a)	1.66-2.00-1.92
1888 Germany.	558	(a) F.	63-63-63	.63- .83- —
1890 N. Y.	333	5 F.	(a)	1.50-1.67-1.63
1891 N. Y.	333	5 F.	(a)	1.67-2.00-1.73
1891 France.	505	(a) F.	48-77 —	.97-1.30- —
1892 France.	505	(a) F.	54-72 —	.39- .77- —
1893 Pa.	10	1 F.	60-60-60	1.50-1.50-1.50
1894 Ind.	228	1 F.	57-57-57	.66- .66- .66
1894 France.	129	(a) F.	60-60-60	1.06-1.69- —
1895 N. J.	7	1 F.	54-54-54	1.50-1.50-1.50
1895 N. Y.	7	2 F.	60-60-60	1.50-2.50-2.00
1895 Ohio	376	1 F.	54-54-54	1.50-1.50-1.50
1896 Md.	7	1 F.	57-57-57	2.50-2.50-2.50
1897 Australia.	428	(a) F.	(a)	.91- .91- .91
1898 Australia.	429	(a) F.	(a)	.81-1.42- —

FOREWOMEN (NOT SPECIFIED), HOSIERY AND KNIT GOODS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 N. Y.	3	1 F.	(a)	1.33-1.33-1.33
1877 England.	570	(a) F.	54-54-54	.81- .81- .81
1880 Ohio	3	1 F.	(a)	3.00-3.00-3.00
1884 N. H.	7	1 F.	66-66-66	1.25-1.25-1.25
1884 Canada.	178	(a) F.	54-54-54	.83-1.00- —
1885 Mass.	7	1 F.	60-60-60	2.00-2.00-2.00
1885 Minn.	7	1 F.	60-60-60	1.83-1.83-1.83
1885 N. Y.	1	4 F.	66-66-66	1.54-2.00-1.89
1885 N. Y.	7	1 F.	(a)	2.00-2.00-2.00
1885 Vt.	7	1 F.	64-64-64	2.00-2.00-2.00
1886 N. Y.	7	1 F.	58-58-58	1.50-1.50-1.50
1886 Pa.	7	10 F.	e 60-60-60	1.50-2.00-1.72
1887 Ill.	3	1 F.	56-56-56	.92- .92- .92
1887 Minn.	3	2 F.	60-60-60	.83-1.67-1.25
1887 Wis.	409	5 F.	(a)	.83- .83- .83
1888 Cal.	194	1 F.	61-61-61	2.00-2.00-2.00
1888 Ind.	3	1 F.	60-60-60	.61- .61- .61
1888 N. Y.	331	2 F.	60-60-60	1.33-2.00-1.67
1889 R. I.	398	1 F.	60-60-60	1.00-1.00-1.00
1889 Canada.	471	(a) F.	57-57-57	1.42-1.42-1.42
1890 N. Y.	333	12 F.	(a)	.75-4.17-2.28
1891 Mich.	283	4 F.	(a)	1.00-1.67-1.38
1891 N. Y.	333	12 F.	(a)	.75-4.17-2.28
1891 France.	505	(a) F.	f 48-48-48	.68- .77- —
1892 France.	505	(a) F.	60-60-60	.38- .38- .38
1895 Conn.	7	1 F.	60-60-60	1.67-1.67-1.67
1895 Mass.	7	1 F.	58-58-58	1.93-1.93-1.93
1895 Mass.	8	1 F.	60-60-60	1.50-1.50-1.50
1895 N. H.	7	1 F.	60-60-60	1.35-1.35-1.35
1895 N. H.	8	2 F.	60-60-60	1.20-1.35-1.28
1895 N. Y.	7	2 F.	60-60-60	2.25-2.50-2.38
1895 Pa.	8	12 F.	60-60-60	1.50-2.33-1.82
1896 Ga.	7	2 F.	63-63-63	.67-1.00- .84
1896 Minn.	7	1 F.	54-54-54	1.33-1.33-1.33
1896 N. Y.	7	1 F.	58-58-58	1.50-1.50-1.50
1896 Pa.	7	14 F.	60-60-60	1.25-2.00-1.63
1896 Vt.	7	1 F.	64-64-64	2.00-2.00-2.00
1897 Mass.	8	1 F.	63-63-63	1.25-1.25-1.25
1897 N. H.	8	2 F.	60-60-60	1.20-1.25-1.23

a Not reported.
b And lodging and fuel.
c And *gratifications*.
d Not including hours of 1 person not reported.
e Not including hours of 4 persons not reported.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), JEWELRY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	7	1 F.	(a)	1.92-1.92-1.92	1891 France	505	(a) F.	60-60-60	c1.35-1.35-1.35
1887 Mass	3	2 F.	57-59-58	1.15-1.50-1.33	1892 France	505	(a) F.	72-72-72	.69- .69- .69
1891 France	505	(a) F.	b60-60-60	1.16-1.54- —	1895 N. Y.	7	1 F.	59-59-59	1.92-1.92-1.92

FOREWOMEN, KNITTERS.

1886 Ill.	7	1 F.	(a)	2.00-2.00-2.00	1895 Pa	8	1 F.	60-60-60	2.33-2.33-2.33
1886 Mich.	7	1 F.	(a)	2.50-2.50-2.50	1896 Mich.	7	1 F.	60-60-60	3.00-3.00-3.00
1886 N. Y.	7	1 F.	58-58-58	1.17-1.17-1.17	1896 N. Y.	7	1 F.	58-58-58	1.50-1.50-1.50
1886 Pa	7	1 F.	60-60-60	1.67-1.67-1.67	1896 Pa	7	2 F.	60-60-60	1.83-2.00-1.92
1895 N. H	7	1 F.	60-60-60	1.00-1.00-1.00					

FOREWOMEN, LABELERS.

1880 Pa	7	1 F.	(a)	1.00-1.00-1.00	1895 Mass	7	1 F.	55-55-55	1.50-1.50-1.50
1890 N. Y.	333	1 F.	(a)	2.00-2.00-2.00	1896 Pa	7	1 F.	54-54-54	1.33-1.33-1.33
1891 N. Y.	333	2 F.	(a)	2.00-2.50-2.25					

FOREWOMEN (NOT SPECIFIED), LACE AND LACE GOODS.

1886 N. Y.	3	4 F.	51-60-56	1.14-2.00-1.74	1892 France	505	(a) F.	57-66 —	.63-1.08- —
1887 Mass	3	1 F.	53-53-53	1.20-1.20-1.20	1896 Pa	394	1 F.	60-60-60	1.67-1.67-1.67
1887 N. Y.	3	4 F.	50-54-53	.83-1.67-1.29					

FOREWOMEN (NOT SPECIFIED), LAUNDRY.

1870 N. Y.	7	3 F.	60-60-60	1.67-2.08-1.94	1888 Germany	558	(a) F.	51-51-51	1.37-1.37-1.37
1885 Conn.	7	1 F.	65-65-65	1.17-1.17-1.17	1891 Mich.	283	3 F.	(a)	1.00-1.67-1.39
1885 N. Y.	7	5 F.	60-60-60	1.67-2.33-1.87	1891 France	505	(a) F.	60-60-60	1.35-1.54- —
1886 Ga	7	1 F.	60-60-60	2.50-2.50-2.50	1892 Cal.	196	1 F.	63-63-63	e.77- .77- .77
1886 Md.	7	1 F.	60-60-60	1.17-1.17-1.17	1892 Ill.	210	4 F.	54-59-55	1.00-2.33-1.58
1886 Mo	3	1 F.	72-72-72	1.33-1.33-1.33	1892 Ill.	210	1 F.	63-63-63	f1.54-1.54-1.54
1886 N. Y.	3	3 F.	65-67-66	1.50-2.50-1.89	1892 France	505	(a) F.	60-60-60	.39- .43- —
1886 Pa	3	2 F.	59-59-59	1.00-1.50-1.25	1895 Conn.	7	2 F.	59-59-59	1.83-2.17-2.00
1886 R. I.	3	1 F.	60-60-60	1.67-1.67-1.67	1895 N. Y.	7	9 F.	60-60-60	1.67-2.00-1.83
1887 Ill.	3	1 F.	57-57-57	1.33-1.33-1.33	1895 S. C	7	1 F.	60-60-60	1.17-1.17-1.17
1887 Ky	3	1 F.	63-63-63	1.25-1.25-1.25	1896 Ga	7	1 F.	60-60-60	3.33-3.33-3.33
1887 N. Y.	3	1 F.	56-56-56	2.07-2.07-2.07	1896 Iowa	7	3 F.	57-57-57	1.17-1.50-1.33
1887 Wis	409	1 F.	(a)	1.25-1.25-1.25	1896 Md.	7	2 F.	60-60-60	1.17-1.17-1.17
1887 Germany	557	(a) F.	51-63 —	.82-1.37- —	1896 Mich.	7	1 F.	60-60-60	2.17-2.17-2.17
1888 Ind	3	1 F.	(a)	.67- .67- .67	1896 Pa	7	1 F.	58-58-58	3.00-3.00-3.00
1888 N. Y.	331	2 F.	d59-59-59	1.17-2.00-1.59					

FOREWOMEN (NOT SPECIFIED), LEATHER GOODS.

1886 Ill.	7	1 F.	60-60-60	1.50-1.50-1.50	1896 Pa	8	1 F.	60-60-60	2.33-2.33-2.33
1896 Ill.	7	1 F.	60-60-60	1.50-1.50-1.50					

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And *gratifications*.
d Not including hours of 1 person not reported.
e And board.
f And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), MATCHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mich	283	2 F.	(a)	1.25-1.25-1.25	1892 France	505	(a) F.	54-72 —	0.29-0.92- —
1892 Me	258	1 F.	60-60-60	1.50-1.50-1.50					

FOREWOMEN (NOT SPECIFIED), MATTRESSES AND SPRING BEDS.

1880 Md	7	1 F.	60-60-60	1.33-1.33-1.33	1892 Ill	210	1 F.	60-60-60	1.83-1.83-1.83
1885 Ill	7	1 F.	60-60-60	1.67-1.67-1.67	1895 Md	7	1 F.	60-60-60	1.25-1.25-1.25
1886 Mo	3	1 F.	56-56-56	1.17-1.17-1.17	1895 N. Y	7	1 F.	60-60-60	1.67-1.67-1.67
1887 N. Y	3	1 F.	54-54-54	2.00-2.00-2.00	1896 Ill	7	1 F.	60-60-60	1.67-1.67-1.67
1891 Mich	283	1 F.	(a)	2.00-2.00-2.00					

FOREWOMEN (NOT SPECIFIED), MEAT PACKING.

1888 Ind	3	1 F.	48-48-48	1.00-1.00-1.00	1894 Ohio	375	1 F.	60-60-60	.87- .87- .87
1892 Ill	210	5 F.	60-60-60	1.33-1.75-1.63					

FOREWOMEN, MENDERS, HOSIERY AND KNIT GOODS.

1895 N. H	7	1 F.	60-60-60	1.35-1.35-1.35	1897 N. H	8	2 F.	60-60-60	1.35-1.35-1.35
1895 Pa	8	3 F.	60-60-60	1.50-2.50-1.83					

FOREWOMEN, MILLINERS.

1880 Ga	7	1 F.	75-75-75	3.00-3.00-3.00	1888 S. C	3	1 F.	(a)	1.50-1.50-1.50
1880 Pa	7	1 F.	57-57-57	3.00-3.00-3.00	1889 Canada	471	(a) F.	55-55-55	1.71-1.71-1.71
1882 Pa	7	1 F.	57-57-57	2.50-2.50-2.50	1891 France	505	(a) F.	66-66-66	1.01-1.06- —
1884 Ga	7	1 F.	60-60-60	5.00-5.00-5.00	1892 Australia	424	(a) F.	(a)	.81-1.82- —
1884 Pa	7	1 F.	57-57-57	2.50-2.50-2.50	1893 Wales	632	(a) F.	(a)	b1.55-1.55-1.55
1884 Wales	178	(a) F.	(a)	1.55-1.55-1.55	1894 Ind	228	2 F.	58-63-61	3.33-5.00-4.17
1885 Ga	7	1 F.	(a)	3.33-3.33-3.33	1894 Australia	425	(a) F.	(a)	1.62-2.43- —
1886 Mo	3	3 F.	54-60-56	2.17-5.00-3.24	1895 N. Y	7	2 F.	54-54-54	3.33-3.33-3.33
1887 Iowa	3	2 F.	54-54-54	2.89-3.00-2.95	1895 Australia	426	(a) F.	(a)	1.62-2.43- —
1887 La	3	1 F.	63-63-63	4.17-4.17-4.17	1896 Ga	7	2 F.	54-64-59	3.33-3.33-3.33
1887 Mass	3	2 F.	53-53-53	1.50-1.67-1.59	1896 Pa	7	8 F.	56-60-58	1.67-4.33-2.92
1887 N. Y	3	1 F.	60-60-60	3.00-3.00-3.00	1896 Australia	427	(a) F.	(a)	1.62-2.43- —
1888 Ga	3	1 F.	66-66-66	3.33-3.33-3.33					

FOREWOMEN, NECKTIE MAKERS.

1870 N. Y	7	1 F.	52-52-52	1.33-1.33-1.33	1892 Ill	210	10 F.	50-51-50	.67-4.04-1.79
1875 N. Y	7	1 F.	54-54-54	1.67-1.67-1.67	1893 N. Y	10	2 F.	66-66-66	2.00-2.33-2.17
1885 Ill	7	1 F.	54-54-54	2.50-2.50-2.50	1895 N. Y	7	17 F.	49-52-49	1.33-5.83-2.34
1886 N. Y	7	1 F.	59-59-59	1.67-1.67-1.67	1895 N. Y	8	4 F.	54-54-54	1.67-3.33-2.42
1887 Mass	3	2 F.	54-54-54	2.00-2.50-2.25	1896 Ill	7	1 F.	48-48-48	2.50-2.50-2.50
1890 N. Y	333	9 F.	(a)	1.67-4.67-2.56	1896 N. Y	7	1 F.	59-59-59	2.00-2.00-2.00
1891 N. Y	333	13 F.	(a)	1.67-4.83-2.67					

FOREWOMEN (NOT SPECIFIED), OPTICAL GOODS.

1886 N. Y	7	2 F.	(a)	1.25-1.38-1.32	1896 N. Y	7	3 F.	59-59-59	1.00-1.38-1.21
1892 France	505	(a) F.	69-69-69	.39- .82- —					

a Not reported. b And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN, PACKERS, CONFECTIONERY.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1880 N. Y	7	1 F.	59-59-59	0.92-0.92-0.92	1895 Mass	7	1 F.	56-56-56	1.67-1.67-1.67
1885 Mass	7	1 F.	56-56-56	1.33-1.33-1.33	1895 N. Y	7	1 F.	59-59-59	.92- .92- .92
1886 Ill	7	1 F.	60-60-60	1.33-1.33-1.33	1896 Ill	7	1 F.	60-60-60	1.67-1.67-1.67

FOREWOMEN (NOT SPECIFIED), PAINTS AND VARNISHES.

1886 N. Y	3	1 F.	60-60-60	1.67-1.67-1.67	1890 N. Y	333	2 F.	(a)	2.00-2.00-2.00
1887 Ohio	3	1 F.	54-54-54	2.00-2.00-2.00	1891 N. Y	333	2 F.	(a)	2.00-2.00-2.00

FOREWOMEN, PANTS MAKERS.

1882 W. Va	7	1 F.	60-60-60	1.67-1.67-1.67	1895 La	7	1 F.	60-60-60	1.67-1.67-1.67
1885 N. Y	7	1 F.	(a)	1.67-1.67-1.67	1896 N. Y	7	1 F.	54-54-54	1.83-1.83-1.83
1893 Ill	10	1 F.	59-59-59	1.67-1.67-1.67	1896 W. Va	7	1 F.	60-60-60	2.00-2.00-2.00

FOREWOMEN (NOT SPECIFIED), PAPER.

1885 Mass	1	16 F.	72-72-72	.90- .90- .90	1890 N. Y	333	1 F.	(a)	1.67-1.67-1.67
1887 Ohio	3	1 F.	60-60-60	.90- .90- .90	1891 N. Y	333	1 F.	(a)	1.67-1.67-1.67
1888 Va	3	1 F.	56-56-56	.67- .67- .67	1892 France	505	(a) F.	b 66-84 —	.24- .70- —
1888 Germany	558	(a) F.	54-54-54	.56- .99- —	1895 Mass	7	1 F.	58-58-58	1.25-1.25-1.25

FOREWOMEN (NOT SPECIFIED), PAPER PRODUCTS.

1884 Pa	7	1 F.	60-60-60	1.67-1.67-1.67	1892 Australia	424	(a) F.	(a)	.93- .93- .93
1884 Scotland	178	(a) F.	54-54-54	.69- .69- .69	1894 Ind	228	2 F.	60-60-60	1.70-1.70-1.70
1886 N. Y	3	1 F.	54-54-54	1.33-1.33-1.33	1894 Australia	425	(a) F.	(a)	.81-1.12- —
1886 Pa	3	1 F.	59-59-59	1.17-1.17-1.17	1895 Australia	426	(a) F.	(a)	.81-1.12- —
1887 Germany	557	(a) F.	57-57-57	.48- .91- —	1896 Australia	427	(a) F.	(a)	.81-1.22- —
1888 Germany	558	(a) F.	60-60-60	1.19-1.19-1.19	1897 Australia	428	(a) F.	(a)	.71-1.22- —
1891 France	505	(a) F.	c 66-66-66	.77-1.35- —	1898 Australia	429	(a) F.	(a)	.71-1.22- —
1892 Ill	210	1 F.	56-56-56	1.17-1.17-1.17					

FOREWOMEN, PERFUMERY MAKERS.

1885 N. J	7	1 F.	60-60-60	1.67-1.67-1.67	1891 N. Y	333	2 F.	(a)	1.17-1.58-1.38
1886 Mich	7	1 F.	60-60-60	1.33-1.33-1.33	1891 France	505	(a) F.	60-60-60	1.35-1.35-1.35
1887 N. Y	3	1 F.	56-56-56	1.18-1.18-1.18	1895 N. J	7	1 F.	55-55-55	2.50-2.50-2.50
1887 Ohio	3	1 F.	58-58-58	.88- .88- .88	1896 Mich	7	1 F.	54-54-54	2.00-2.00-2.00
1890 N. Y	333	2 F.	(a)	1.17-1.58-1.38	1896 N. Y	7	1 F.	60-60-60	1.00-1.00-1.00

FOREWOMEN (NOT SPECIFIED), POTTERY PRODUCTS.

1882 N. J	321	1 F.	(a)	.83- .83- .83	1892 Ohio	373	4 F.	57-59-58	1.00-1.50-1.25
1886 N. Y	7	1 F.	53-53-53	1.00-1.00-1.00	1892 France	505	(a) F.	63-74 —	.58- .97- —
1891 France	505	(a) F.	66-66-66	.97-1.16- —	1896 N. Y	7	2 F.	53-59-56	.83-2.17-1.50

a Not reported.
b Applies to but 8 of the 9 wage quotations.
c Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), PRESERVES, PICKLES, AND SAUCES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 Pa	7	3 F.	(a)	1.17-1.50-1.28	1896 Pa	7	3 F.	54-54-54	1.33-1.67-1.44
1896 Ohio	377	1 F.	60-60-60	1.65-1.65-1.65					

FOREWOMEN (NOT SPECIFIED), PRINTING AND PUBLISHING.

1885 Mass	7	1 F.	59-59-59	2.33-2.33-2.33	1892 England	632	(a) F.	(a)	1.12-1.12-1.12
1885 N. Y	7	1 F.	60-60-60	1.00-1.00-1.00	1892 France	505	(a) F.	57-70 —	.43- .97- —
1886 Pa	3	1 F.	50-50-50	1.17-1.17-1.17	1893 Conn	20	7 F.	60-60-60	3.00-3.00-3.00
1886 Pa	7	1 F.	59-59-59	1.50-1.50-1.50	1893 Md	10	1 F.	60-60-60	1.50-1.50-1.50
1887 N. Y	3	1 F.	54-54-54	1.67-1.67-1.67	1894 Conn	20	6 F.	60-60-60	3.00-3.00-3.00
1888 Ind	3	1 F.	59-59-59	1.28-1.28-1.28	1894 Ind	228	3 F.	59-59-59	1.00-1.50-1.28
1890 N. Y	333	4 F.	(a)	2.00-2.17-2.04	1894 France	129	(a) F.	(a)	.58-1.93- —
1891 Mich	283	1 F.	(a)	1.33-1.33-1.33	1895 Conn	20	5 F.	60-60-60	3.00-3.00-3.00
1891 N. Y	333	4 F.	(a)	2.00-2.17-2.04	1895 Mass	7	3 F.	58-58-58	1.67-3.00-2.33
1891 France	505	(a) F.	54-72 —	1.91-1.93- —	1895 N. Y	8	1 F.	60-60-60	1.67-1.67-1.67
1892 Cal	196	1 F.	60-60-60	2.00-2.00-2.00	1896 N. Y	4	2 F.	60-60-60	1.00-1.00-1.00
1892 Conn	20	2 F.	60-60-60	3.00-3.00-3.00	1896 Pa	7	1 F.	59-59-59	1.35-1.35-1.35
1892 Ill	210	1 F.	54-54-54	2.67-2.67-2.67					

FOREWOMEN (NOT SPECIFIED), REGALIAS AND UNIFORMS.

1887 Ill	3	1 F.	54-54-54	1.50-1.50-1.50	1891 Mich	283	1 F.	(a)	2.50-2.50-2.50
1887 Mass	3	1 F.	53-53-53	1.47-1.47-1.47	1892 Ill	210	3 F.	60-60-60	1.41-3.33-2.14

FOREWOMEN (NOT SPECIFIED), ROPE AND TWINE.

1885 Md	7	1 F.	72-72-72	1.33-1.33-1.33	1895 Mass	7	1 F.	58-58-58	1.50-1.50-1.50
1886 N. Y	3	1 F.	61-61-61	1.00-1.00-1.00	1896 Md	7	1 F.	69-69-69	1.33-1.33-1.33
1894 France	129	(a) F.	60-60-60	.58- .97- —					

FOREWOMEN (NOT SPECIFIED), RUBBER AND RUBBER GOODS.

1886 N. J	3	1 F.	60-60-60	1.33-1.33-1.33	1887 Ohio	3	1 F.	59-59-59	1.50-1.50-1.50
1886 R. I	3	1 F.	60-60-60	1.67-1.67-1.67	1891 France	505	(a) F.	60-60-60	1.16-1.16-1.16
1887 Mass	3	1 F.	54-54-54	1.00-1.00-1.00	1892 France	505	(a) F.	66-66-66	.90- .90- .90

FOREWOMEN, SHIRTMAKERS.

1873 Conn	7	1 F.	60-60-60	1.75-1.75-1.75	1888 S. C	3	1 F.	60-60-60	.89- .89- .89
1880 S. C	7	1 F.	60-60-60	1.17-1.17-1.17	1890 N. Y	333	11 F.	(a)	.83-2.50-1.57
1881 N. J	320	1 F.	68-68-68	2.00-2.00-2.00	1891 Mich	283	3 F.	(a)	1.17-1.42-1.25
1882 W. Va	7	1 F.	(a)	1.17-1.17-1.17	1891 N. Y	333	12 F.	(a)	.83-2.50-1.56
1883 N. J	322	1 F.	60-60-60	1.67-1.67-1.67	1892 Cal	196	1 F.	57-57-57	1.67-1.67-1.67
1885 Ill	7	1 F.	54-54-54	1.17-1.17-1.17	1892 Ill	210	2 F.	54-54-54	1.17-1.66-1.42
1885 N. J	7	1 F.	58-58-58	1.33-1.33-1.33	1892 Me	258	2 F.	60-60-60	1.17-1.50-1.34
1885 N. Y	7	1 F.	54-54-54	2.33-2.33-2.33	1894 Australia	425	(a) F.	(a)	1.01-1.42- —
1886 Md	3	1 F.	(a)	1.25-1.25-1.25	1895 N. J	7	1 F.	58-58-58	1.00-1.00-1.00
1886 Mich	7	1 F.	54-54-54	1.50-1.50-1.50	1895 N. Y	7	1 F.	54-54-54	1.42-1.42-1.42
1886 Mo	3	2 F.	48-53-51	1.33-1.50-1.42	1895 S. C	7	1 F.	60-60-60	1.17-1.17-1.17
1886 Pa	3	2 F.	53-59-56	1.17-1.33-1.25	1895 Australia	426	(a) F.	(a)	1.01-1.42- —
1886 Pa	7	4 F.	48-59-56	1.17-2.00-1.42	1896 Ill	7	1 F.	51-51-51	1.25-1.25-1.25
1887 La	3	2 F.	57-60-59	.83-1.00- .92	1896 Md	7	2 F.	57-57-57	1.17-1.33-1.25
1888 Ga	3	1 F.	56-56-56	1.00-1.00-1.00	1896 Mich	7	2 F.	54-57-56	1.33-1.50-1.42
1888 Me	254	4 F.	60-60-60	1.17-1.33-1.23	1896 Pa	7	3 F.	48-58-55	1.33-1.67-1.50
1888 N. Y	331	8 F.	59-59-59	1.50-1.67-1.63	1896 Australia	427	(a) F.	(a)	1.01-1.22- —

(a) Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 29 to 32.]

FOREWOMEN, SOAP AND CANDLE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1884	Germany	556	(a) F.	66-66-66	0.56-0.79- —
1885	N. J	7	2 F.	60-60-60	1.00-1.08-1.04
1886	Mo	3	1 F.	65-65-65	.96- .96- .96
1886	Pa	3	1 F.	55-55-55	.83- .83- .83
1886	Germany	548	(a) F.	(a)	.58- .73- —
1887	N. Y.	3	1 F.	59-59-59	.56- .56- .56
1887	Germany	557	(a) F.	60-60-60	.60- .60- .60
1888	Germany	558	(a) F.	60-60-60	0.60-0.60-0.60
1891	N. Y.	333	1 F.	(a)	1.00-1.00-1.00
1891	Belgium	457	(a) F.	51-51-51	.77- .77- .77
1892	France	505	(a) F.	70-70-70	.58- .58- .58
1892	France	505	(a) F.	63-63-63	b.53- .53- .53
1895	N. J	7	3 F.	55-55-55	1.25-1.50-1.33

FOREWOMEN, SUSPENDER MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1886	Pa	3	1 F.	49-49-49	1.33-1.33-1.33
1887	N. Y.	3	1 F.	53-53-53	.83- .83- .83
1888	Me	254	1 F.	54-54-54	1.50-1.50-1.50
1892	Ill.	210	2 F.	51-52-52	1.23-2.71-1.97
1895	N. J	7	2 F.	55-55-55	1.25-2.17-1.71

FOREWOMEN (NOT SPECIFIED), TANNERY.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1891	France	505	(a) F.	60-77 —	.85- .97- —
1892	France	505	(a) F.	60-66 —	.39- .80- —
1894	France	129	(a) F.	(a)	.77-1.10- —

FOREWOMEN (NOT SPECIFIED), TINWARE.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1886	Mo	3	1 F.	59-59-59	1.17-1.17-1.17
1886	N. J	3	1 F.	59-59-59	1.50-1.50-1.50
1886	N. Y.	3	2 F.	56-56-56	1.00-1.50-1.25
1887	N. Y.	3	1 F.	60-60-60	1.50-1.50-1.50

FOREWOMEN (NOT SPECIFIED), TOBACCO, CIGARS, AND CIGARETTES.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1868	Germany	610	(a) F.	66-66-66	.24- .30- —
1876	N. Y.	8	1 F.	60-60-60	2.00-2.00-2.00
1880	Pa	7	1 F.	42-42-42	2.00-2.00-2.00
1884	England	178	(a) F.	(a)	.30- .81- —
1885	Mo	1	1 F.	60-60-60	1.45-1.45-1.45
1885	N. J	7	2 F.	58-58-58	1.00-1.17-1.09
1885	Ohio	1	1 F.	50-50-50	1.67-1.67-1.67
1885	Ohio	7	1 F.	(a)	1.33-1.33-1.33
1886	Mich	7	1 F.	60-60-60	1.33-1.33-1.33
1886	Mo	3	3 F.	48-57-51	1.17-1.67-1.40
1886	N. J	3	1 F.	56-56-56	1.67-1.67-1.67
1886	Pa	7	2 F.	c58-58-58	1.17-1.50-1.34
1886	R. I	3	1 F.	53-53-53	1.33-1.33-1.33
1887	Ky	3	1 F.	60-60-60	1.67-1.67-1.67
1887	La	3	1 F.	60-60-60	1.33-1.33-1.33
1887	Ohio	3	1 F.	60-60-60	.75- .75- .75
1891	France	505	(a) F.	60-60-60	.68-1.11- —
1892	Ill.	210	1 F.	60-60-60	1.44-1.44-1.44
1892	France	505	(a) F.	d60-63 —	.48- .97- —
1894	France	129	(a) F.	60-60-60	.68- .92- —
1895	La	7	1 F.	55-55-55	1.25-1.25-1.25
1895	Md	8	1 F.	60-60-60	1.67-1.67-1.67
1895	Mass	7	1 F.	50-50-50	2.00-2.00-2.00
1895	N. J	7	2 F.	56-56-56	1.17-1.67-1.42
1895	N. Y.	8	7 F.	60-60-60	1.50-2.67-2.02
1895	Va	8	1 F.	60-60-60	2.00-2.00-2.00
1896	Iowa	7	1 F.	48-48-48	2.50-2.50-2.50
1896	Md	7	1 F.	48-48-48	1.33-1.33-1.33
1896	Mich	7	2 F.	48-48-48	.83-1.00- .92
1896	Ohio	7	1 F.	54-54-54	1.33-1.33-1.33
1896	Pa	7	7 F.	39-52-50	1.17-2.50-1.50
1897	Australia	428	(a) F.	(a)	.61-1.22- —
1898	Mo	306	1 F.	(a)	1.27-1.27-1.27
1898	Australia	429	(a) F.	(a)	.61-1.22- —

FOREWOMEN, TRIMMERS, HATS AND CAPS.

Year	State or country	Rep't No.	Number and sex of employees	Hours of work per week.	Rates of wages per day (dollars).
1885	N. J	7	1 F.	48-48-48	1.67-1.67-1.67
1885	N. Y.	7	3 F.	60-60-60	1.71-2.00-1.82
1886	Md	7	1 F.	57-57-57	2.33-2.33-2.33
1890	N. Y.	333	1 F.	(a)	1.50-1.50-1.50
1891	N. Y.	333	1 F.	(a)	1.50-1.50-1.50
1895	N. J	7	2 F.	48-48-48	1.67-2.50-2.09
1895	N. Y.	7	2 F.	60-60-60	2.08-2.33-2.21
1896	Md	7	1 F.	57-57-57	2.33-2.33-2.33

a Not reported.
b And fuel.
c Not including hours of 1 person not reported.
d Applies to but 13 of the 15 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOREWOMEN (NOT SPECIFIED), UMBRELLAS AND CANES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Mich	7	1 F.	(a)	2.00-2.00-2.00	1888 N. Y	331	1 F.	(a)	2.00-2.00-2.00
1886 Pa	3	2 F.	52-57-55	1.17-1.50-1.34	1895 N. Y	8	1 F.	51-51-51	2.50-2.50-2.50
1887 N. Y	3	2 F.	48-55-52	2.33-3.33-2.83	1896 Mich	7	1 F.	54-54-54	2.33-2.33-2.33

FOREWOMEN (NOT SPECIFIED), UNDERTAKERS' SUPPLIES.

1880 Pa	7	1 F.	57-57-57	1.67-1.67-1.67	1887 Mass	3	1 F.	54-54-54	1.67-1.67-1.67
1881 Ohio	7	1 F.	60-60-60	2.08-2.08-2.08	1887 N. Y	3	2 F.	56-56-56	1.83-2.00-1.92
1886 Mo	3	2 F.	51-60-56	1.33-1.67-1.50	1896 Ohio	7	1 F.	60-60-60	2.50-2.50-2.50
1886 Pa	3	1 F.	57-57-57	1.33-1.33-1.33	1896 Pa	7	1 F.	57-57-57	2.50-2.50-2.50

FOREWOMEN (NOT SPECIFIED), UPHOLSTERING.

1886 Md	3	1 F.	60-60-60	1.50-1.50-1.50	1888 Germany	558	(a) F.	54-54-54	1.46-1.46-1.46
1886 Pa	3	2 F.	60-60-60	1.17-1.33-1.25	1892 England	632	(a) F.	60-60-60	.69- .73- —
1887 N. Y	3	2 F.	57-58-58	1.33-1.75-1.54	1896 Pa	7	1 F.	60-60-60	1.33-1.33-1.33
1887 Ohio	3	1 F.	54-54-54	.67- .67- .67					

FORGERS, CUTLERY.

1840 England	563	(a)	M.	54-60 —	.73-1.62- —	1878 England	43	(a)	(a)	(a)	.97-2.23- —
1850 England	563	(a)	M.	54-60 —	.73-1.62- —	1883 England	43	(a)	(a)	(a)	1.01-2.03- —
(b) England	561	(a)	(a)	(a)	.79-1.70- —	1884 Germany	178	(a)	M.	72-72-72	.60-1.07- —
1860 England	563	(a)	M.	54-60 —	.73-1.70- —	1891 England	576	(a)	M.	(a)	.97-1.22- —
1866 England	566	(a)	M.	60-60-60	.41-1.22- —	1892 England	118	(a)	M.	(a)	1.32-2.13- —
(c) England	567	(a)	M.	60-60-60	.41-1.22- —	1892 England	577	(a)	M.	(a)	.93-1.05- —
1871 England	568	(a)	M.	48-55 —	.81-1.46- —	1892 Germany	118	(a)	M.	(a)	.83-1.67- —
1871 England	629	(a)	(a)	58-58-58	.81-2.03- —	1893 England	578	(a)	M.	(a)	1.05-1.22- —
1872 England	185	(a)	M.	d48-55 —	.81-1.61- —	1896 England	586	(a)	M.	(a)	1.09-1.30- —

FORGERS' HELPERS, IRON AND STEEL PRODUCTS.

1863 N. J	8	1	M.	60-60-60	1.50-1.50-1.50	1895 N.Zealand	670	(a)	M.	(a)	1.74-1.74-1.74
1885 Belgium	55	(a)	M.	(a)	.70- .70- .70	1896 Ohio	377	8	M.	60-60-60	1.30-1.30-1.30
1886 Gr't Brit	604	(a)	M.	(a)	.78-1.24- —	1896 N.Zealand	671	(a)	M.	(a)	1.78-1.78-1.78
1888 N. Y	331	14	M.	(a)	1.33-1.33-1.33	1897 N.Zealand	672	(a)	M.	(a)	1.70-1.70-1.70
1891 France	505	(a)	M.	66-77 —	.97-1.30- —	1898 N.Zealand	673	(a)	M.	(a)	1.70-1.70-1.70
1893 N.Zealand	668	(a)	M.	(a)	1.70-1.70-1.70	1899 N.Zealand	674	(a)	M.	(a)	1.91-1.91-1.91
1894 N.Zealand	669	(a)	M.	(a)	1.74-1.74-1.74						

FORGERS' HELPERS, TOOLS.

1888 N. Y	331	20	M.	e46-46-46	1.25-2.08-1.76	1895 Canada	187	(a)	M.	60-60-60	1.25-1.25-1.25

a Not reported.
b Average for 1855–57.
c Average for 1867–68.
d Applies to but 5 of the 11 wage quotations.
e Not including hours of 16 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FORGERS, IRON AND STEEL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1857 Pa	384	6 M.	(a)	2.10-2.10-2.10
(b) England	561	(a) (a)	(a)	.85-1.95- —
1863 Pa	384	6 M.	(a)	2.75-2.75-2.75
1870 Italy	633	(a) M.	(a)	.39- .39- .39
1871 Pa	384	6 M.	(a)	2.38-2.38-2.38
1871 England	629	(a) M.	58-58-58	2.03-2.43- —
1872 Germany	185	(a) M.	66-66-66	.60-1.80- —
1874 Pa	380	110 M.	(a)	1.50-3.00-1.96
1874 England	569	(a) M.	54-54-54	1.70-1.70-1.70
1875 Mass	270	1 M.	(a)	2.00-2.00-2.00
1876 Pa	381	26 M.	(a)	1.75-3.00-2.25
1877 England	570	(a) M.	72-72-72	1.09-1.82- —
1878 England	43	(a) (a)	(a)	2.03-3.04- —
1879 Pa	384	7 M.	c48-48-48	1.80-3.21-2.11
1883 England	43	(a) (a)	(a)	2.03-3.04- —
1883 Italy	633	(a) M.	(a)	.46- .46- .46
1885 Cal	1	18 M.	60-60-60	3.00-3.00-3.00
1885 Pa	1	3 M.	48-48-48	2.70-2.70-2.70
1886 Aust-Hun	60	(a) (a)	(a)	1.08-1.08-1.08
1886 Germany	66	(a) M.	(a)	1.19-1.19-1.19
1886 Italy	633	(a) M.	d66-66-66	.39- .77- —
1889 N. Y	5	3 M.	60-72-68	1.63-2.10-1.91
1890 N. Y	333	30 M.	(a)	3.50-3.50-3.50
1891 N. Y	333	32 M.	(a)	3.50-3.50-3.50
1891 France	505	(a) M.	77-77-77	2.12-4.25- —
1892 France	505	(a) M.	60-77 —	.53-1.45- —
1893 Italy	639	(a) M.	(a)	.39- .68- —

FORGERS, IRON AND STEEL PRODUCTS.

1835	Vt	8	3	M.	72-72-72	.75-1.00- .92	1880	England	571	(a)	M.	54-54-54	.89-2.43- —
1839	England	562	(a)	M.	59-59-59	1.62-1.62-1.62	1880	Italy	633	(a)	M.	q60-66 —	.50- .82- —
1840	England	564	(a)	(a)	72-72-72	.81- .81- .81	1880	Scotland	571	(a)	M.	54-54-54	.73-2.84- —
1849	England	562	(a)	M.	59-59-59	1.62-1.62-1.62	1881	Italy	633	(a)	M.	t60-66 —	.50- .83- —
1850	Mass	8	10	M.	60-60-60	1.75-1.75-1.75	1882	Pa	387	3	M.	r60-66-63	1.10-3.04-2.28
1850	England	564	(a)	(a)	54-72 —	.93-1.14- —	1882	Italy	633	(a)	M.	s60-66 —	.42- .97- —
1854	France	463	(a)	(a)	(a)	.64- .64- .64	1883	Mass	273	157	M.	(a)	1.60-3.00-2.19
1859	England	177	(a)	M.	59-59-59	1.37-1.37-1.37	1883	N. J	322	2	M.	60-60-60	1.50-3.00-2.50
1859	England	562	(a)	M.	59-59-59	1.62-1.62-1.62	1883	England	43	(a)	(a)	54-54-54	2.43-4.87- —
1860	England	564	(a)	(a)	54-72 —	.93-1.14- —	1883	England	572	(a)	M.	54-54-54	1.62-2.43- —
1862	Italy	633	(a)	M.	(a)	.42- .69- —	1883	Gr't Brit	273	(a)	M.	(a)	1.22-4.87- —
1863	N. J	8	1	M.	60-60-60	1.75-1.75-1.75	1883	Gr't Brit	273	(a)	(a)	(a)	.33- .49- —
1863	Italy	633	(a)	M.	(a)	.41- .41- .41	1883	Italy	633	(a)	M.	s60-66 —	.50-1.16- —
(c)	Italy	633	(a)	M.	72-72-72	.44- .44- .44	1883	Scotland	572	(a)	M.	h54-54-54	1.58-3.24- —
(f)	Italy	633	(a)	M.	(a)	.66- .66- .66	1884	Mich	278	1	M.	(a)	3.00-3.00-3.00
1866	England	566	(a)	M.	60-60-60	.61-1.62- —	1884	England	178	(a)	M.	55-55-55	2.03-3.04- —
1866	Italy	633	(a)	M.	(a)	.66- .66- .66	1884	Germany	178	(a)	M.	60-60-60	1.02-1.02-1.02
(g)	Italy	633	(a)	M.	60-60-60	.68- .68- .68	1884	Italy	178	(a)	M.	t60-60-60	.29-1.54- —
1868	Italy	633	(a)	M.	60-63 —	.43- .63- —	1884	Italy	633	(a)	M.	q60-66 —	.46- .85- —
1869	England	177	(a)	M.	59-59-59	1.38-1.38-1.38	1884	Scotland	178	(a)	M.	51-51-51	1.19-1.19-1.19
1869	Italy	633	(a)	M.	h60-63 —	.43- .68- —	1884	Spain	178	(a)	M.	60-60-60	.17- .50- —
1870	Italy	633	(a)	M.	60-60-60	.72- .72- .72	1884	Wales	178	(a)	M.	54-54-54	1.62-1.82- —
1871	Mass	267	18	M.	i60-60-60	3.00-3.50-3.28	1885	Mass	1	10	M.	60-60-60	2.00-2.00-2.00
1871	England	629	(a)	M.	59-59-59	4.87-4.87-4.87	1885	Belgium	55	(a)	M.	(a)	1.10-1.10-1.10
1871	Italy	633	(a)	M.	h60-63 —	.43- .75- —	1885	Italy	633	(a)	M.	o60-66 —	.46- .89- —
1871	Scotland	185	(a)	M.	57-57-57	1.41-1.41-1.41	1886	England	604	(a)	M.	54-54-54	2.62-2.62-2.62
1872	Italy	633	(a)	M.	j60-63 —	.48- .75- —	1886	Gr't Brit	604	(a)	M.	(a)	1.26-3.24- —
1873	England	177	(a)	M.	54-54-54	1.40-1.40-1.40	1886	Italy	633	(a)	M.	60-72 —	.29-1.25- —
1873	Italy	633	(a)	M.	d60-66 —	.42- .77- —	1886	Scotland	604	(a)	M.	54-54-54	1.98-1.98-1.98
1874	Italy	633	(a)	M.	h60-60-60	.52- .77- —	1887	Ohio	369	10	M.	60-60-60	1.66-3.00-2.20
1875	Italy	633	(a)	M.	k60-66 —	.52- .83- —	1888	N. J	326	114	M.	u58-58-58	1.66-2.67-1.77
1876	Pa	381	1	M.	(a)	4.00-4.00-4.00	1888	N. Y	331	37	M.	v60-60-60	2.00-2.12-2.05
1876	Italy	633	(a)	M.	h60-66 —	.52- .79- —	1888	France	463	(a)	(a)	(a)	.77- .77- .77
1877	Italy	633	(a)	M.	l60-66 —	.52- .79- —	1889	Portugal	691	(a)	(a)	(a)	.35-1.30- —
1877	Scotland	570	(a)	M.	51-51-51	1.31-1.31-1.31	1890	N. Y	333	26	M.	(a)	2.13-3.00-2.16
1878	Pa	383	12	M.	60-72-68	2.00-2.50-2.17	1891	N. Y	333	9	M.	(a)	1.00-3.00-1.78
1878	England	177	(a)	M.	n54-54-54	1.40-3.04- —	1891	Belgium	632	(a)	(a)	(a)	1.74-1.74-1.74
1878	Italy	633	(a)	M.	o60-66 —	.46- .81- —	1891	France	505	(a)	M.	66-66-66	1.16-1.93- —
1879	Italy	633	(a)	M.	p60-60-60	.68- .81- —	1891	Italy	638	(a)	M.	w60-66 —	.34-1.31- —
1880	Pa	385	2	M.	78-84-81	1.65-2.25-1.95	1892	Mass	20	3	M.	60-60-60	1.50-2.00-1.83

a Not reported.
b Average for 1855–57.
c Not including hours of 6 persons not reported.
d Applies to but 3 of the 6 wage quotations.
e Average for 1862–64.
f Average for 1862–65.
g Average for 1866–67.
h Applies to but 2 of the 3 wage quotations.
i Not including hours of 9 persons not reported.
j Applies to but 2 of the 4 wage quotations.
k Applies to but 4 of the 6 wage quotations.
l Applies to but 3 of the 5 wage quotations.
n Applies to but 1 of the 3 wage quotations.
o Applies to but 3 of the 4 wage quotations.
p Applies to but 1 of the 2 wage quotations.
q Applies to but 4 of the 5 wage quotations.
r Not including hours of 1 person not reported.
s Applies to but 6 of the 7 wage quotations.
t Applies to but 6 of the 12 wage quotations.
u Not including hours of 113 persons not reported.
v Not including hours of 32 persons not reported.
w Applies to but 11 of the 19 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FORGERS, IRON AND STEEL PRODUCTS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1892 England ..	632	(a) M.	54-54-54	1.12-1.12-1.12
1892 France....	505	(a) M.	60-72 —	.48-1.69- —
1893 Mass	20	2 M.	60-60-60	1.50-1.75-1.63
1893 Ohio	374	35 M.	60-60-60	2.00-2.25-2.14
1893 England ..	589	(a) M.	54-54-54	1.05-1.37- —
1893 Italy	639	(a) M.	60-60-60	.48-1.38- —
1893 N. Zealand	668	(a) M.	(a)	.95- .95- 95
1894 Ind	228	6 M.	60-60-60	2.04-2.04-2.04
1894 N. Y.....	8	14 M.	60-60-60	1.75-2.50-2.05
1894 N. C.....	8	1 M.	60-60-60	2.00-2.00-2.00
1894 Ohio	375	65 M.	b 60-60-60	1.70-1.75-1.71
1894 Italy	640	(a) M.	(a)	.77-1.00- —
1894 N. Zealand	669	(a) M.	(a)	4.91-4.91-4.91
1895 Mass	20	1 M.	60-60-60	3.00-3.00-3.00
1895 N. Y.....	8	1 M.	60-60-60	1.50-1.50-1.50
1895 Ohio	376	130 M.	48-60-58	1.40-4.00-2.24
1895 France....	677	(a) (a)	60-60-60	.78-1.07- —
1895 Italy	640	(a) M.	(a)	.77-1.02- —
1895 N. Zealand	670	(a) M.	(a)	5.07-5.07-5.07
1896 Conn.....	8	10 M.	60-60-60	1.50-3.50-2.40
1896 Mass	8	8 M.	60-60-60	1.50-2.25-1.97
1896 Ohio	377	72 M.	60-60-60	1.75-2.75-1.95
1896 Vt	8	1 M.	60-60-60	3.00-3.00-3.00
1896 Italy	640	(a) M.	(a)	.77-1.02- —
1897 N. Zealand	672	(a) M.	(a)	2.43-2.43-2.43
1898 N. Zealand	673	(a) M.	(a)	3.65-3.65-3.65
1899 N. Zealand	674	(a) M.	(a)	2.96-3.65- —

FORGERS, TIN PLATE.

1894 Wales.....	590	(a)	M.	(a)	1.44-1.78- —	1895 Wales.....	591	(a)	M.	(a)	1.58-1.62- —

FORGERS, TOOLS.

1840 England ..	563	(a)	M.	48-60 —	.93-1.58- —	1887 Ohio	369	3	M.	60-60-60	2.50-3.00-2.67
1850 England ..	563	(a)	M.	48-60 —	.97-1.66- —	1888 N. J	326	6	M.	(a)	2.25-3.00-2.79
(c) England ..	561	(a)	(a)	(a)	.97-1.95- —	1888 N. Y.....	331	54	M.	f 42-60-53	1.99-3.33-2.37
1860 England ..	563	(a)	M.	48-60 —	1.05-1.82- —	1888 Canada ...	80	(a)	M.	48-48-48	2.00-3.00- —
1866 England ..	566	(a)	M.	d 42-48 —	1.22-2.51- —	1890 Mich.....	282	3	M.	60-60-60	2.00-2.50-2.33
(e) England ..	567	(a)	M.	d 42-48 —	1.22-2.51- —	1890 N. Y.....	333	39	M.	(a)	1.50-3.50-2.35
1871 Mass	267	136	M.	54-54-54	2.87-2.87-2.87	1891 N. Y.....	333	40	M.	(a)	1.50-3.50-2.47
1871 England ..	568	(a)	M.	(a)	1.01-1.54- —	1891 England ..	576	(a)	M.	(a)	1.01-1.01-1.01
1871 England ..	629	(a)	(a)	58-58-58	1.62-2.03- —	1892 England ..	577	(a)	M.	(a)	1.01-1.01-1.01
1872 England ..	185	(a)	M.	(a)	1.01-2.22- —	1892 France....	505	(a)	M.	72-72-72	.97- .97- .97
1876 Pa	381	2	M.	(a)	3.00-3.00-3.00	1893 Ohio	374	38	M.	48-60-49	1.35-3.00-2.04
1877 Pa	382	2	M.	60-60-60	2.75-2.75-2.75	1893 England ..	578	(a)	M.	(a)	1.01-1.01-1.01
1878 England ..	177	(a)	M.	(a)	1.42-2.23- —	1894 Ohio	375	51	M.	g 42-60-44	1.35-3.00-1.84
1883 N. J	822	15	M.	60-60-60	1.33-2.67-2.07	1894 France....	129	(a)	M.	60-60-60	.87-1.06- —
1883 England ..	43	(a)	(a)	(a)	1.22-1.62- —	1895 Mass	8	3	M.	60-60-60	1.75-2.00-1.92
1883 Gr't Brit ..	273	(a)	M.	(a)	1.01-1.62- —	1895 N. H.....	7	3	M.	59-59-59	.74-1.33- .96
1884 Aust-Hun .	178	(a)	M.	60-60-60	.34- .45- —	1895 Ohio	376	6	M.	54-60-59	1.00-3.00-2.46
1884 Canada ...	466	(a)	M.	48-58 —	1.53-2.00- —	1895 Pa	8	3	M.	60-60-60	1.50-2.50-2.17
1885 N. H	7	6	M.	59-59-59	1.09-2.74-1.93	1895 Canada ...	187	(a)	M.	60-60-60	2.00-2.00-2.00
1886 Italy.....	633	(a)	M.	66-66-66	.58- .77- —	1896 Ohio	377	16	M.	60-60-60	1.99-2.00-1.99

FORKERS, IRON AND STEEL.

1889 England ..	5	(a)	M.	66-72 —	1.43-2.10- —	....	.....	....	....	...	.....	.....

FORMERS, BUTTONS.

1830 Conn.....	8	2	M.	60-60-60	1.00-1.00-1.00	1840 Conn.....	8	1	M.	60-60-60	.67- .67- .67

FORMERS, CELLULOID GOODS.

1885 N. J	7	3	F.	59-59-59	1.25-1.42-1.35	1895 N. J	7	3	F.	55-55-55	1.33-1.34-1.33

a Not reported.
b Not including hours of 54 persons not reported.
c Average for 1855-57.
d Applies to but 4 of the 6 wage quotations.
e Average for 1867-68.
f Not including hours of 9 persons not reported.
g Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FORMERS, HARNESS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Conn	8	1 M.	60-60-60	2.00-2.00-2.00	1895 Ohio	8	4 M.	60-60-60	1.00-1.00-1.00
1895 N. J	8	2 M.	60-60-60	1.25-1.25-1.25					

FORMERS, HATS AND CAPS.

1883 Mass	273	5 M.	(a)	1.67-2.50-2.03	1886 N. J	325	75 M.	60-60-60	2.00-2.00-2.00
1883 Mass	273	2 (a)	(a)	.83- .83- .83	1888 N. J	326	5 M.	(a)	1.67-1.67-1.67
1883 Gr't Brit	273	(a) M.	(a)	1.22-1.62- —	1888 N. J	326	3 F.	(a)	1.00-1.00-1.00
1884 N. J	323	21 M.	60-60-60	2.00-2.00-2.00	1890 N. Y	333	2 M.	(a)	1.33-2.17-1.75
1884 N. J	323	14 F.	60-60-60	.83- .83- .83	1891 N. Y	333	13 M.	(a)	1.00-2.50-2.15
1885 N. J	1	33 M.	60-60-60	.83-3.00-1.97	1891 Ohio	372	1 M.	60-60-60	2.50-2.50-2.50
1885 N. J	1	32 F.	60-60-60	.83-1.33-1.18	1891 Belgium	457	(a) F.	60-60-60	.09½-.41- —
1885 N. J	324	35 M.	60-60-60	.67-2.50-1.43	1894 Ohio	375	1 M.	60-60-60	2.75-2.75-2.75
1885 N. Y	7	1 M.	60-60-60	2.50-2.50-2.50	1895 N. J	7	5 M.	54-54-54	1.67-2.50-2.17
1885 Pa	1	36 M.	60-60-60	.54-1.53-1.06	1895 N. Y	7	1 M.	60-60-60	2.00-2.00-2.00
1886 Conn	2	16 (a)	60-60-60	2.00-2.25-2.13	1896 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1886 Md	3	3 F.	59-60-59	.67- .75- .69					

FORMERS, HOSIERY AND KNIT GOODS.

1872 Germany	185	(a) F.	(a)	1.08-1.44- —	1886 Mo	3	2 F.	b 59-59-59	.25- .50- .38
1886 Mich	7	3 F.	(a)	.75- .85- .79	1896 Mich	7	6 F.	60-60-60	.83-1.00- .91

FORMERS, JEWELRY.

1865 R. I	8	1 M.	60-60-60	2.00-2.00-2.00	1896 R. I	8	2 M.	60-60-60	3.00-3.50-3.25
1896 N. Y	8	4 M.	60-60-60	1.50-2.00-1.63					

FORMERS, METALLIC GOODS.

1851 Conn	8	4 M.	60-60-60	1.50-1.50-1.50	1895 N. H	8	1 F.	60-60-60	1.00-1.00-1.00
1863 N. J	8	1 M.	60-60-60	2.00-2.00-2.00	1895 Ohio	376	1 M.	60-60-60	1.25-1.25-1.25
1894 N. Y	8	2 M.	60-60-60	1.50-2.00-1.75	1896 Conn	8	5 M.	60-60-60	1.50-1.75-1.55
1895 Conn	7	7 M.	60-60-60	.52- .62- .58	1896 N. J	8	1 M.	60-60-60	1.66-1.66-1.66
1895 Mass	8	1 M.	60-60-60	1.50-1.50-1.50					

FORMERS, POTTERY PRODUCTS.

1877 Germany	171	(a) M.	(a)	.75-1.00- —	1882 Germany	27	(a) (a)	(a)	.75-1.00- —
1877 Germany	171	(a) F.	(a)	.38- .63- —	1884 N. J	7	20 M.	(a)	1.67-2.50-2.09
1878 Germany	177	(a) M.	(a)	.75- .98- —	1895 N. J	7	35 M.	55-55-55	1.50-2.54-2.01
1878 Germany	177	(a) F.	(a)	.36- .60- —					

FORMERS, ROPE AND TWINE.

1884 Russia	178	(a) M.	60-60-60	.31- .35- —	1888 N. Y	331	25 M.	c 60-60-60	.60-1.50- .76
1885 N. Y	7	1 F.	60-60-60	.75- .75- .75	1894 Ohio	375	4 M.	60-60-60	1.08-1.08-1.08
1886 N. Y	3	2 F.	60-60-60	.67- .70- .69	1894 Ohio	375	5 F.	60-60-60	.67- .67- .67
1886 Pa	7	26 M.	60-60-60	.50- .50- .50	1895 N. Y	7	2 F.	60-60-60	.75- .75- .75
1887 Ohio	3	3 F.	60-60-60	.38- .40- .38	1896 Pa	7	32 M.	60-60-60	.46- .46- .46

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 19 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FORMERS, SILVER GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Conn	8	1	M.	60-60-60	2.50-2.50-2.50	1897 Conn	8	1	M.	60-60-60	2.00-2.00-2.00
1896 R. I	8	2	M.	60-60-60	2.00-2.00-2.00						

FORMERS, TINWARE.

1876 Pa	8	1	M.	60-60-60	1.67-1.67-1.67	1881 Pa	8	2	M.	60-60-60	1.50-1.50-1.50
1878 Pa	8	3	M.	60-60-60	1.50-1.50-1.50	1889 Pa	8	1	M.	60-60-60	1.50-1.50-1.50
1880 Pa	8	1	M.	60-60-60	1.50-1.50-1.50	1896 Pa	8	5	M.	60-60-60	1.00-1.50-1.23

FORWARDERS, BOOKBINDERY.

1860 N. Y	8	2	M.	60-60-60	2.00-2.00-2.00	1888 N. Y	331	15	M.	b58-60-59	.92-2.50-1.69
1862 Pa	8	3	M.	60-60-60	2.00-3.50-2.83	1888 Canada	470	(a)	M.	55-55-55	1.54-1.54-1.54
1870 N. Y	7	1	M.	60-60-60	2.00-2.00-2.00	1889 Canada	471	(a)	M.	56-56-56	1.63-1.63-1.63
1871 England	629	(a)	(a)	(a)	1.30-1.46- —	1890 Ill	19	9	M.	(a)	1.67-3.00-2.48
1874 Ill	185	3	(a)	59-59-59	3.00-3.00-3.00	1890 Mass	8	1	M.	60-60-60	3.00-3.00-3.00
1874 R. I	7	5	M.	60-60-60	1.17-2.50-1.50	1890 N. Y	333	125	M.	(a)	.58-3.83-2.58
1878 England	177	(a)	M.	54-54-54	1.30-1.30-1.30	1890 N. Y	333	1	F.	(a)	.83- .83- .83
1880 Pa	7	9	M.	60-60-60	2.00-2.67-2.33	1891 Ill	19	8	M.	(a)	1.67-3.00-2.52
1880 R. I	7	5	M.	59-59-59	1.50-2.50-2.08	1891 N. Y	333	128	M.	(a)	.58-3.83-2.53
1880 Scotland	571	(a)	M.	54-54-54	1.27-1.27-1.27	1891 N. Y	333	1	F.	(a)	1.17-1.17-1.17
1881 Pa	7	1	M.	59-59-59	1.67-1.67-1.67	1892 Ill	19	14	M.	59-59-59	2.00-3.00-2.75
1882 Mass	7	10	M.	59-59-59	1.50-3.00-2.32	1892 England	632	(a)	M.	53-54 —	1.14-1.62- —
1883 Mass	273	12	M.	(a)	1.67-3.00-2.44	1893 Ill	19	17	M.	59-59-59	2.00-3.00-2.66
1883 Mass	273	2	(a)	(a)	.83-1.00- .92	1893 Ohio	374	30	M.	54-60-59	1.25-2.67-2.16
1883 Australia	174	(a)	(a)	(a)	1.82-2.23- —	1893 England	578	(a)	(a)	48-48-48	1.30-1.30-1.30
1883 Gr't Brit	273	(a)	M.	(a)	1.10-1.22- —	1894 N. H	316	2	M.	59-59-59	2.50-2.67-2.59
1883 Ireland	572	(a)	M.	57-57-57	1.22-1.22-1.22	1894 Ohio	375	14	M.	54-60-58	1.00-2.75-2.06
1883 Scotland	572	(a)	M.	54-54-54	1.22-1.32- —	1895 Mass	7	40	M.	41-59-55	1.52-5.67-3.00
1884 Mich	278	2	M.	(a)	1.10-1.10-1.10	1895 N. Y	7	47	M.	58-59-59	1.50-3.74-2.52
1884 Pa	7	3	M.	59-59-59	2.08-2.50-2.31	1895 N. Y	8	2	M.	60-60-60	2.50-3.00-2.75
1884 England	178	(a)	M.	54-54-54	1.30-1.46- —	1895 Ohio	376	19	M.	c59-60-60	.60-2.84-2.05
1884 Scotland	178	(a)	M.	54-54-54	1.32-1.32-1.32	1895 R. I	7	10	M.	59-59-59	1.67-2.50-2.15
1885 Ill	7	11	M.	59-60-60	1.50-3.00-2.08	1895 S. C	7	2	M.	59-59-59	1.33-2.50-1.92
1885 Mass	7	32	M.	44-59-56	1.50-4.00-2.72	1895 Va	7	7	M.	59-59-59	1.67-1.67-1.67
1885 N. Y	7	37	M.	59-59-59	1.17-3.00-2.03	1896 Ill	7	10	M.	51-59-53	1.67-3.00-2.22
1885 S. C	7	1	M.	59-59-59	2.33-2.33-2.33	1896 Iowa	7	6	M.	60-60-60	.92-2.33-1.71
1885 Va	7	5	M.	59-59-59	1.50-1.50-1.50	1896 Mich	7	25	M.	48-59-55	1.67-2.67-2.14
1886 Iowa	7	5	M.	60-60-60	1.00-2.50-1.65	1896 N. Y	7	2	M.	59-59-59	1.67-2.00-1.84
1886 Mich	7	13	M.	59-60-60	2.00-2.67-2.13	1896 Ohio	377	29	M.	54-60-58	1.25-2.50-2.11
1886 Mich	7	3	F.	59-59-59	1.83-2.00-1.89	1896 Pa	7	17	M.	59-60-60	1.83-3.00-2.41
1886 Pa	7	2	M.	60-60-60	2.50-2.75-2.63	1899 Mass	18	4	M.	55-55-55	2.36-2.73-2.53
1887 Canada	469	(a)	M.	55-55-55	1.21-1.25- —	1900 Mass	18	3	M.	55-55-55	1.56-2.78-2.30

FORWARDERS' HELPERS, BOOKBINDERY.

1890 Mass	8	2	M.	60-60-60	1.00-1.00-1.00	1895 N. Y	8	2	M.	60-60-60	1.00-1.00-1.00
1890 N. Y	333	2	M.	(a)	.58-2.00-1.29	1896 Iowa	7	1	M.	60-60-60	.42- .42- .42
1891 N. Y	333	2	M.	(a)	.58-2.00-1.29						

FORWARDERS, PAPER.

1890 N. Y	333	3	M.	(a)	1.00-3.00-1.67	1891 N. Y	333	3	M.	(a)	1.08-3.00-1.72

a Not reported.
b Not including hours of 5 persons not reported.
c Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOUNDERS, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	629	(a)	(a)	50-50-50	1.49-1.49-1.49
1882 Belgium ..	38	(a)	(a)	(a)	1.15-1.34- —
1884 Scotland ..	178	(a)	M.	96-96-96	1.62-1.62-1.62
1892 France....	505	(a)	M.	57-70 —	0.58-1.35- —
1892 France....	505	(a)	M.	56-70 —	*b* .77-1.93- —

FOUNDERS' HELPERS, IRON.

1884 Spain	178	(a)	M.	60-60-60	.34- .39- —
1889 Denmark .	520	(a)	(a)	(a)	.65- .65- .65
1892 Mass	20	2	M.	60-60-60	1.25-1.25-1.25
1892 France....	505	(a)	M.	77-77-77	.53- .63- —
1895 Mass	20	1	M.	60-60-60	1.00-1.00-1.00

FOUNDERS, IRON.

1810 England ..	572	(a)	(a)	(a)	1.27-1.27-1.27
1811 England ..	572	(a)	(a)	(a)	1.14-1.14-1.14
1812 England ..	572	(a)	(a)	(a)	1.11-1.11-1.11
1813 England ..	572	(a)	(a)	(a)	1.28-1.28-1.28
1814 England ..	572	(a)	(a)	(a)	1.31-1.31-1.31
1815 England ..	572	(a)	(a)	(a)	1.30-1.30-1.30
1816 England ..	572	(a)	(a)	(a)	1.41-1.41-1.41
1817 England ..	572	(a)	(a)	(a)	1.37-1.37-1.37
1818 England ..	572	(a)	(a)	(a)	1.45-1.45-1.45
1819 England ..	572	(a)	(a)	(a)	1.28-1.28-1.28
1821 England ..	572	(a)	(a)	(a)	1.24-1.24-1.24
1822 England ..	572	(a)	(a)	(*a*)	1.24-1.24-1.24
1823 England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1824 England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1825 England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1832 England ..	572	(a)	M.	(a)	1.14-1.22- —
1840 Wales	572	(a)	(a)	(a)	1.46-1.46-1.46
1841 Wales	572	(a)	(a)	(a)	.95- .95- .95
1842 Wales	572	(a)	(a)	(a)	.69- .69- .69
1843 Wales	572	(a)	(a)	(a)	.77- .77- .77
1844 Wales	572	(a)	(a)	(a)	.89- .96- —
1845 Wales	572	(a)	(a)	(a)	1.09-1.14- —
1846 England ..	572	(a)	(a)	(a)	1.22-1.22-1.22
1846 Wales	572	(a)	(a)	(a)	1.37-1.37-1.37
1847 England ..	572	(a)	(a)	(a)	1.42-1.42-1.42
1847 Wales	572	(a)	(a)	(a)	1.36-1.36-1.36
1848 England ..	572	(a)	(a)	(a)	1.21-1.21-1.21
1848 Wales	572	(a)	(a)	(a)	1.42-1.42-1.42
1849 England ..	572	(a)	(a)	(a)	.95- .95- .95
1849 Wales	572	(a)	(a)	(a)	1.23-1.23-1.23
1855 Belgium ..	456	(a)	(a)	(a)	.39- .39- .39
1857 Ireland ...	561	(a)	(a)	(a)	1.30-1.30-1.30
(*c*) England ..	562	(a)	M.	(a)	.85- .85- .85
(*d*) Ireland ...	562	(a)	M.	(a)	1.30-1.30-1.30
1859 England ..	564	(a)	(a)	63-63-63	1.22-1.22-1.22
1860 Belgium ..	456	(a)	(a)	(a)	.41- .41- .41
1860 England ..	564	(a)	(a)	63-63-63	1.46-1.46-1.46
1860 Germany .	185	(a)	M.	(a)	.42- .42- .42
1861 England ..	564	(a)	(a)	63-63-63	1.46-1.46-1.46
1862 Italy	633	(a)	M.	(a)	.42- .62- —
1863 England ..	565	(a)	(a)	(a)	.85-1.22- —
1863 Italy	633	(a)	M.	(a)	.39- .39- .39
1864 Germany .	185	(a)	M.	(a)	.36- .60- —
(*e*) Italy	633	(a)	M.	72-72-72	.44- .44- .44
1865 Belgium ..	456	(a)	(a)	(a)	.46- .46- .46
1865 Germany .	185	(a)	M.	(a)	.48- .48- .48
(*f*) England ..	567	(a)	M.	59-59-59	.81-1.18- —
1868 Germany..	185	(a)	M.	(a)	.52- .72- —
(*g*) Italy	633	(a)	M.	72-72-72	.44- .44- .44
(*h*) Italy	633	(a)	M.	63-63-63	.43- .43- .43
1869 Germany..	609	(a)	M.	*i* 72-72-72	.30-1.22- —
1869 Italy	633	(a)	M.	*j* 63-63-63	.42- .48- —
1869 Sweden ...	609	(a)	(a)	(a)	.41- .69- —
1870 Belgium ..	456	(a)	(a)	(a)	.48- .48- .48
1870 England ..	16	(a)	M.	60-60-60	1.46-1.46-1.46
1870 Italy	610	(a)	M.	(a)	.39- .77- —
1870 Italy	633	(a)	M.	(a)	.39- .39- .39
1871 England ..	16	(a)	M.	54-54-54	1.46-1.46-1.46
1871 England ..	185	(a)	(a)	(a)	1.53-1.53-1.53
1871 Germany..	185	(a)	M.	(a)	.30- .84- —
1871 Italy	610	(a)	M.	(a)	.58-1.35- —
1871 Italy	633	(a)	M.	*j* 63-63-63	.48- .48- .48
1872 Belgium ..	598	(a)	(a)	(a)	.58- .58- .58
1872 England ..	16	(a)	M.	54-54-54	1.46-1.46-1.46
1872 England ..	185	(a)	M.	59-59-59	1.29-1.29-1.29
1872 Germany..	185	(a)	M.	(a)	.54- .54- .54
1872 Italy	633	(a)	M.	*k* 60-63 —	.48- .63- —
1872 Switzerl'd.	185	(a)	M.	(a)	1.22-1.22-1.22
1873 Aust-Hun .	711	(a)	M.	(a)	*l* .13½-.13½-.13½
1873 Belgium ..	598	(a)	(a)	(a)	.62- .62- .62
1873 England ..	16	(a)	M.	54-54-54	1.46-1.54- —
1873 Germany .	177	(a)	M.	(a)	.71- .71- .71
1873 Germany .	711	(a)	M.	(a)	*l* .08½-08½-.08½
1873 Italy	633	(a)	M.	*n* 60-66 —	.44- .64- —
1873 Switzerl'd.	185	(a)	(a)	(a)	.80-1.00- —
1874 Belgium ..	598	(a)	(a)	(a)	.65- .65- .65
1874 England ..	16	(a)	M.	54-54-54	1.46-1.54- —
1874 Germany .	177	(a)	M.	(a)	.67- .67- .67
1874 Italy	633	(a)	M.	*k* 60-63 —	.48- .63- —
1875 Belgium ..	456	(a)	(a)	(a)	.53- .53- .53
1875 Belgium ..	598	(a)	(a)	(a)	.54- .64- —
1875 England ..	16	(a)	M.	54-54-54	1.54-1.54-1.54
1875 Germany .	177	(a)	M.	(a)	.66- .66- .66
1875 Italy	633	(a)	M.	*o* 60-66 —	.48- .74- —
1875 Norway ...	686	(a)	M.	(a)	.76- .76- .76
1876 Belgium ..	598	(a)	(a)	(a)	.65- .65- .65
1876 England ..	16	(a)	M.	54-54-54	1.54-1.54-1.54
1876 Germany .	177	(a)	M.	(a)	.63- .63- .63
1876 Italy	633	(a)	M.	*i* 60-66 —	.52- .68- —
1877 Belgium ..	633	(a)	(a)	(a)	.62- .62- .62

a Not reported.
b And lodging and fuel.
c Average for 1856–58.
d Average for 1857–58.
e Average for 1862–64.
f Average for 1867–68.
g Average for 1865–68.
h Average for 1866–68.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 2 of the 3 wage quotations.
l Per hour.
n Applies to but 3 of the 6 wage quotations.
o Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOUNDERS, IRON—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1877 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1877 Germany .	177	(a) M.	(a)	.40- .63- —
1877 Italy	633	(a) M.	b60-66 —	.46- .68- —
1878 Belgium ..	178	(a) M.	(a)	1.16-1.16-1.16
1878 Belgium ..	598	(a) (a)	(a)	.61- .61- .61
1878 England ..	16	(a) M.	54-54-54	1.46-1.54- —
1878 Germany .	177	(a) M.	(a)	.63- .63- .63
1878 Italy	177	(a) M.	(a)	.50-1.60- —
1878 Italy	633	(a) M.	c60-66 —	.54- .68- —
1878 Spain	177	(a) M.	60-60-60	.60- .60- .60
1879 Belgium ..	598	(a) (a)	(a)	.60- .60- .60
1879 England ..	16	(a) M.	54-54-54	1.46-1.54- —
1879 Italy	633	(a) M.	d60-60-60	.54- .68- —
1880 Belgium ..	456	(a) (a)	(a)	.50- .50- .50
1880 Belgium ..	598	(a) (a)	(a)	.50- .59- —
1880 Brazil.....	173	(a) (a)	(a)	1.22-1.22-1.22
1880 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1880 Italy	633	(a) M.	c60-66 —	.56- .68- —
1880 Norway ...	686	(a) M.	(a)	.67- .67- .67
1880 Scotland ..	16	(a) M.	51-54 —	1.25-1.33- —
1881 Belgium ..	598	(a) (a)	(a)	.59- .59- .59
1881 England ..	16	(a) M.	54-54-54	1.46-1.54- —
1881 Italy	633	(a) M.	c60-66 —	.56- .73- —
1881 Scotland ..	16	(a) M.	51-54 —	1.30-1.37- —
1882 Belgium ..	598	(a) (a)	(a)	.59- .59- .59
1882 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1882 Italy	633	(a) M.	c60-66 —	.58- .73- —
1882 Scotland ..	16	(a) M.	51-54 —	1.30-1.37- —
1883 Belgium ..	598	(a) (a)	(a)	.58- .58- .58
1883 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1883 Italy	633	(a) M.	f60-66 —	.55- .73- —
1883 Scotland ..	16	(a) M.	51-54 —	1.34-1.42- —
1884 Aust-Hun ..	178	(a) M.	60-72 —	.32-2.00- —
1884 Belgium ..	178	(a) M.	(a)	1.16-1.16-1.16
1884 Belgium ..	598	(a) (a)	(a)	.57- .57- .57
1884 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1884 France	178	(a) M.	(a)	.77- .97- —
1884 Germany .	178	(a) M.	g60-66 —	.36-1.42- —
1884 Italy	178	(a) M.	h60-72 —	.39-2.90- —
1884 Italy	633	(a) M.	e60-66 —	.58- .73- —
1884 Persia.....	178	(a) (a)	(a)	1.13-1.61- —
1884 Russia	178	(a) M.	55-60 —	.25- .92- —
1884 Scotland ..	16	(a) M.	51-54 —	1.30-1.37- —
1884 Spain	178	(a) M.	e57-60 —	.70-2.00- —
1884 Switzerl'd.	178	(a) M.	i65-65-65	.55-1.67- —
1885 Belgium ..	456	(a) (a)	(a)	.61- .61- .61
1885 Belgium ..	598	(a) (a)	(a)	.56- .62- —
1885 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1885 Italy	633	(a) M.	c60-66 —	.48- .73- —
1885 Norway ...	686	(a) M.	(a)	.76- .76- .76
1885 Scotland ..	16	(a) M.	51-54 —	1.21-1.28- —
1886 Belgium ..	456	(a) (a)	(a)	.58- .82- —
1886 Belgium ..	598	(a) (a)	(a)	.56- .56- .56
1886 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1886 Gr't Brit ..	632	(a) M.	54-54-54	1.19-1.19-1.19
1886 Italy	633	(a) M.	j48-72 —	.29-1.54- —
1886 Netherl'ds	456	(a) (a)	64-64-64	.68- .88- —
1886 Scotland ..	16	(a) M.	51-54 —	1.17-1.24- —
1887 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1887 Germany .	557	(a) (a)	57-60 —	.48-1.25- —
1887 Scotland ..	16	(a) M.	51-54 —	1.21-1.28- —
1888 Australia..	83	(a) (a)	(a)	2.00-2.75- —
1888 C. of G'd H.	483	(a) (a)	(a)	.81-4.87- —
1888 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1888 Germany ..	558	(a) (a)	57-57-57	.71- .95- —
1888 Scotland ..	16	(a) M.	51-54 —	k.14½-.15½- —
1889 Denmark .	520	(a) (a)	(a)	.79- .79- .79
1889 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1889 England ..	576	(a) M.	(a)	.97-1.54- —
1889 Germany ..	5	(a) M.	(a)	1.09-1.09-1.09
1889 Ireland ...	576	(a) M.	(a)	1.06-1.38- —
1889 Portugal ..	691	(a) (a)	(a)	.13-1.51- —
1889 Scotland ..	16	(a) M.	51-54 —	k.15½-.16½- —
1889 Scotland ..	576	(a) M.	(a)	1.09-1.09-1.09
1889 Wales	576	(a) M.	(a)	1.20-1.36- —
1890 N. Y.....	333	4 M.	(a)	1.88-1.88-1.88
1890 C. of G'd H.	486	(a) M.	(a)	4.87-4.87-4.87
1890 England ..	16	(a) M.	54-54-54	1.54-1.54-1.54
1890 England ..	577	(a) M.	(a)	1.02-1.54- —
1890 Gr't Brit ..	577	(a) M.	(a)	1.38-1.38-1.38
1890 Gr't Brit ..	632	(a) M.	54-54-54	1.39-1.39-1.39
1890 Ireland ...	577	(a) M.	(a)	1.14-1.38- —
1890 Netherl'ds	666	(a) M.	(a)	.40- .80- —
1890 Netherl'ds	666	(a) M.	(a)	k.03- .10- —
1890 Norway ...	686	(a) (a)	(a)	.78- .78- .78
1890 Scotland ..	16	(a) M.	51-54 —	k.15½-.16½- —
1890 Scotland ..	577	(a) M.	(a)	1.09-1.09-1.09
1890 Wales	577	(a) M.	(a)	1.22-1.38- —
1891 N. Y.....	333	85 M.	(a)	.55-4.24-1.62
1891 Belgium ..	457	(a) M.	l60-72 —	.58- .97- —
1891 Belgium ..	632	(a) (a)	(a)	.62- .92- —
1891 England ..	16	(a) M.	53-54 —	1.54-1.54-1.54
1891 England ..	578	(a) M.	(a)	1.05-1.54- —
1891 France....	505	(a) M.	60-72 —	.82-2.32- —
1891 Germany .	632	(a) M.	(a)	.96- .96- .96
1891 Gr't Brit ..	576	(a) M.	(a)	1.44-1.44-1.44
1891 Gr't Brit ..	578	(a) M.	(a)	1.38-1.38-1.38
1891 Ireland ...	578	(a) M.	(a)	1.14-1.38- —
1891 Italy	638	(a) M.	n60-66 —	.33-1.45- —
1891 Nicaragua	106	(a) (a)	(a)	3.75-3.75-3.75
1891 Scotland ..	16	(a) M.	51-54 —	k.15½-.16½- —
1891 Scotland ..	578	(a) M.	(a)	1.09-1.09-1.09
1891 Wales	578	(a) M.	(a)	1.30-1.38- —
1892 Mass	20	13 M.	60-60-60	1.50-2.50-2.08
1892 Algeria ...	505	(a) M.	67-67-67	o1.16-1.16-1.16
1892 England ..	16	(a) M.	53-54 —	1.54-1.54-1.54
1892 England ..	578	(a) M.	(a)	1.05-1.54- —
1892 France....	505	(a) M.	60-81 —	.48-1.93- —
1892 France....	505	(a) M.	77-77-77	p .68- .77- —
1892 Germany .	119	(a) M.	(a)	.99- .99- .99
1892 Gr't Brit ..	578	(a) M.	(a)	1.38-1.38-1.38
1892 Ireland ...	578	(a) M.	(a)	1.14-1.38- —
1892 Italy	641	(a) M.	(a)	.80- .80- .80
1892 Russia	692	(a) (a)	(a)	.30-1.93- —
1892 Scotland ..	16	(a) M.	51-54 —	1.35-1.46- —
1892 Scotland ..	578	(a) M.	(a)	1.09-1.09-1.09
1892 Wales	578	(a) M.	(a)	1.30-1.38- —
1893 Ill.....	10	1 M.	60-60-60	2.00-2.00-2.00
1893 Mass	20	9 M.	60-60-60	1.50-2.50-2.17
1893 England ..	16	(a) M.	53-54 —	1.54-1.54-1.54
1893 France....	507	(a) (a)	66-66-66	.97- .97- .97
1893 Germany .	11	(a) M.	(a)	.71- .71- .71
1893 Ireland ...	583	(a) M.	(a)	1.30-1.54- —
1893 Italy	639	(a) M.	q60-60-60	.39-1.45- —
1893 Lux'burg .	128	(a) M.	(a)	.69-1.18- —
1893 Scotland ..	16	(a) M.	51-54 —	1.38-1.46- —

a Not reported.
b Applies to but 4 of the 6 wage quotations.
c Applies to but 3 of the 4 wage quotations.
d Applies to but 1 of the 2 wage quotations.
e Applies to but 4 of the 5 wage quotations.
f Applies to but 3 of the 5 wage quotations.
g Applies to but 9 of the 12 wage quotations.
h Applies to but 4 of the 10 wage quotations.
i Applies to but 8 of the 16 wage quotations.
j Applies to but 42 of the 45 wage quotations.
k Per hour.
l Applies to but 10 of the 14 wage quotations.
n Applies to but 9 of the 14 wage quotations.
o And *gratifications*.
p And lodging.
q Applies to but 6 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOUNDERS, IRON—Concluded.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1894	Mass	20	6 M.	60-60-60	1.50-2.40-2.11
1894	Ohio	374	1 M.	(a)	1.50-1.50-1.50
1894	Ohio	375	191 M.	b42-60-57	1.25-3.00-1.93
1894	Aust-Hun	434	(a) M.	42-60 —	.20-1.35- —
1894	England	16	(a) M.	53-54 —	1.54-1.54-1.54
1894	France	508	(a) M.	66-66-66	.97- .97- .97
1894	Ireland	585	(a) M.	(a)	1.30-1.30-1.30
1894	Italy	640	(a) M.	(a)	.85- .97- —
1894	Scotland	16	(a) M.	51-54 —	1.38-1.46- —
1895	Mass	20	8 M.	60-60-60	1.50-2.40-2.07
1895	Aust-Hun	435	(a) M.	42-60 —	.35-1.22- —
1895	Belgium	184	(a) (a)	(a)	c.06½-.06¾-.06½
1895	England	16	(a) M.	53-54 —	1.54-1.54-1.54
1895	France	509	(a) (a)	72-72-72	1.11-1.25- —
1895	Ireland	591	(a) M.	(a)	1.30-1.38- —
1895	Italy	640	(a) M.	(a)	.94- .97- —
1895	Norway	687	(a) M.	(a)	.85- .85- .85
1895	Scotland	16	(a) M.	51-54 —	1.38-1.46- —
1896	Aust-Hun	436	(a) (a)	54-66 —	.18-1.69- —
1896	England	16	(a) M.	53-54 —	1.58-1.62- —
1896	England	592	(a) M.	(a)	1.22-1.62- —
1896	France	510	(a) (a)	60-72 —	.48- .93- —
1896	Ireland	592	(a) M.	(a)	1.22-1.46- —
1896	Italy	640	(a) M.	(a)	.94- .97- —
1896	Scotland	16	(a) M.	51-54 —	c.16¼-.17½- —
1896	Scotland	586	(a) M.	(a)	1.40-1.45- —
1896	Wales	592	(a) M.	(a)	1.38-1.46- —
1897	Australia	428	(a) (a)	(a)	1.42-2.03- —
1897	Aust-Hun	437	(a) (a)	60-66 —	.41-2.84- —
1897	England	593	(a) (a)	(a)	1.05-1.62- —
1897	Ireland	593	(a) (a)	(a)	1.46-1.50- —
1897	Italy	641	(a) M.	(a)	.91- .97- —
1897	Wales	593	(a) (a)	(a)	1.38-1.46- —
1898	Australia	429	(a) (a)	(a)	1.42-2.03- —
1898	Aust-Hun	438	(a) (a)	57-60 —	.49-1.56- —
1898	England	582	(a) (a)	(a)	1.05-1.70- —
1898	England	594	(a) (a)	(a)	1.22-1.58- —
1898	Ireland	582	(a) (a)	(a)	1.46-1.62- —
1898	Scotland	582	(a) (a)	(a)	1.50-1.55- —
1898	Wales	582	(a) (a)	(a)	1.34-1.46- —
1899	England	588	(a) (a)	(a)	1.26-1.62- —
1899	Ireland	588	(a) (a)	(a)	1.30-1.38- —
1899	Scotland	588	(a) (a)	(a)	1.50-1.54- —
1899	Wales	588	(a) (a)	(a)	1.30-1.46- —

FOUNDERS, LEAD AND ZINC.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1885	Belgium	456	(a) (a)	(a)	.74- .74- .74
1888	Germany	558	(a) (a)	57-60 —	.71-1.86- —
1892	France	505	(a) M.	63-77 —	.43-1.25- —
1895	France	509	(a) (a)	72-72-72	1.16-1.16-1.16

FOUNDERS, TIN PLATE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1869	Germany	609	(a) M.	(a)	.24- .43- —
1870	Germany	610	(a) M.	72-72-72	.24- .43- —
1871	Germany	185	(a) M.	(a)	.18- .18- .18
1878	Germany	177	(a) M.	(a)	.58- .71- —
1879	Germany	545	(a) M.	60-60-60	.60- .95- —
1884	Germany	178	(a) M.	72-72-72	.60-1.43- —
1885	Germany	547	(a) M.	(a)	.60-1.15- —
1889	Germany	550	(a) M.	d72-72-72	.60-1.19- —

FOUNDRY MEN.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1873	Pa	379	3 M.	(a)	2.50-3.00-2.67
1874	Pa	380	80 M.	(a)	1.50-4.11-1.98
1875	Pa	380	1 M.	(a)	2.75-2.75-2.75
1876	Pa	381	38 M.	(a)	1.67-5.50-2.77
1876	Pa	381	1 M.	(a)	e1.53-1.53-1.53
1876	Pa	382	7 M.	(a)	2.30-5.48-3.00
1878	Pa	383	30 M.	f57-72-71	1.20-4.25-2.24
1879	Pa	384	34 M.	(a)	1.27-5.00-2.59
1881	N. H	7	33 M.	65-65-65	1.00-3.18-1.68
1882	England	33	(a) M.	56-56-56	1.25-1.44- —
1882	Italy	33	(a) (a)	66-66-66	.64- .75- —
1882	Switzerl'd	33	(a) M.	66-66-66	.72- .72- .72
1884	Mich	278	1 M.	(a)	2.75-2.75-2.75
1884	N. J	323	4 M.	60-60-60	2.25-2.25-2.25
1885	Md	1	2 M.	72-72-72	3.00-3.00-3.00
1885	N. J	7	12 M.	(a)	2.00-2.00-2.00
1885	Ohio	1	6 M.	72-72-72	2.70-5.56-4.09
1885	Tenn	1	4 M.	72-72-72	3.00-3.00-3.00
1885	Va	1	4 M.	72-72-72	4.00-5.00-4.50
1887	Conn	202	123 M.	(a)	2.01-2.01-2.01
1888	N. Y	331	23 M.	48-72-58	2.95-5.00-3.07
1888	Va	5	1 M.	(a)	5.27-5.27-5.27
1889	Ala	5	6 M.	60-84-76	2.50-9.58-5.08
1889	N. Y	5	1 M.	60-60-60	3.83-3.83-3.83
1889	Pa	5	1 M.	(a)	9.93-9.93-9.93
1890	N. Y	333	135 M.	(a)	.81-4.79-2.21
1891	N. Y	333	133 M.	(a)	.81-4.79-2.17
1892	Ind	227	12 M.	54-60-59	1.75-2.13-2.07
1893	N. J	8	1 M.	84-84-84	2.88-2.88-2.88
1893	Ohio	374	72 M.	48-60-51	1.66-2.00-1.92
1895	N. H	7	30 M.	60-60-60	.85-2.50-1.66
1895	N. J	7	9 M.	60-60-60	2.00-2.00-2.00
1895	Ohio	376	165 M.	42-72-57	1.50-2.00-1.67
1895	Japan	145	(a) (a)	(a)	.33- .33- .33
1896	Ohio	377	454 M.	g45-60-57	1.00-2.00-1.72
1897	Japan	145	(a) (a)	(a)	.45- .45- .45

a Not reported.
b Not including hours of 26 persons not reported.
c Per hour.
d Applies to but 1 of the 3 wage quotations.
e And house.
f Not including hours of 10 persons not reported.
g Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FOUNDRY MEN'S HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	1 M.	72-72-72	2.25-2.25-2.25	1890 N. Y.	333	6 M.	(a)	0.67-1.50-1.24
1889 Ala	5	1 M.	84-84-84	3.83-3.83-3.83	1891 N. Y.	333	6 M.	(a)	.67-1.50-1.24

FOURTH HANDS, BAKERY.

1886 N. Y.	331	3 M.	74-87-82	1.25-1.67-1.42	1890 Mass	332	6 (a)	(a)	1.53-1.53-1.53
1886 N. Y.	331	2 M.	b 74-74-74	c .50- .83- .67	1890 Mich.	332	3 (a)	(a)	2.00-2.00-2.00
1887 N. Y.	331	1 M.	(a)	1.67-1.67-1.67	1890 Minn	332	1 (a)	(a)	1.50-1.50-1.50
1887 N. Y.	331	3 M.	d 62-62-62	c .83- .83- .83	1890 Mo.	332	1 (a)	(a)	1.83-1.83-1.83
1888 N. Y.	331	6 M.	74-74-74	c .31-1.67-1.27	1890 N. J	332	3 (a)	(a)	.83-2.17-1.28
1890 Cal.	332	36 (a)	(a)	1.27-2.11-1.37	1890 N. Y.	332	22 (a)	(a)	1.17-1.33-1.22
1890 Colo	332	2 (a)	(a)	1.92-1.92-1.92	1890 Ohio	332	4 (a)	(a)	1.42-1.67-1.54
1890 Conn	332	4 (a)	(a)	1.56-2.67-1.83	1890 Tenn	332	1 (a)	(a)	1.67-1.67-1.67
1890 Ill	332	7 (a)	(a)	1.07-1.07-1.07	1890 Va	332	1 (a)	(a)	.83- .83- .83
1890 Ky	332	4 (a)	(a)	1.00-1.00-1.00	1892 N. Y.	334	12 (a)	(e)	.83-2.00-1.30
1890 La	332	2 (a)	(a)	.58- .58- .58	1892 N. Y.	334	31 (a)	(f)	c .33-1.17- .65
1890 Md.	332	1 (a)	(a)	.50- .50- .50					

FRAISERS, FOUNDRY AND MACHINE SHOP.

1891 Belgium	457	(a) M.	60-60-60	.19- .68- —	1892 France	505	(a) M.	60-77 —	.68-2.32- —
1891 Belgium	457	(a) M.	(a)	g .05- .05- .05	1894 Aust-Hun	434	(a) M.	60-60-60	.57- .61- —
1891 France	505	(a) M.	66-66-66	1.16-1.59- —	1897 Aust-Hun	437	(a) (a)	57-57-57	.47- .47- .47

FRAISERS, FURNITURE.

1885 N. Y.	1	2 M.	60-60-60	2.16-2.16-2.16	1889 N. Y.	332	7 (a)	48-59-53	2.88-4.00-3.30
1887 Germany	557	(a) (a)	60-60-60	.54-1.37- —	1891 France	505	(a) M.	60-60-60	1.25-1.45- —
1888 Germany	558	(a) (a)	60-60-60	.95- .95- .95					

FRAME COVERERS, FANCY ARTICLES.

1885 N. Y.	7	36 F.	50-50-50	1.04-1.50-1.23	1895 N. Y.	7	30 F.	50-50-50	.92-1.42-1.11

FRAME FILLERS, MATCHES.

1863 England	627	(a) M.	(a)	.12- .24- —	1871 England	629	(a) F.	60-60-60	.44- .44- .44
1863 England	627	(a) F.	(a)	.08- .24- —					

FRAME FIXERS, COTTON GOODS.

1885 Ala	7	1 F.	66-66-66	.70- .70- .70	1895 Ala	7	1 M.	66-66-66	.75- .75- .75
1888 N. Y.	6	2 M.	b 60-60-60	1.25-1.25-1.25	1896 Ind	7	9 M.	65-65-65	.60-1.25-1.03

FRAME MAKERS, AWNINGS.

1885 Ill.	7	2 M.	60-60-60	1.50-2.00-1.75	1895 N. Y.	8	3 M.	60-60-60	1.50-1.50-1.50
1888 N. Y.	331	1 M.	60-60-60	2.00-2.00-2.00	1896 Ill.	7	2 M.	48-48-48	1.50-2.25-1.88
1894 Ohio	375	3 M.	60-60-60	2.00-2.00-2.00	1896 Ohio	377	3 M.	54-60-56	1.75-2.00-1.83

a Not reported.
b Not including hours of 1 person not reported.
c And board.
d Not including hours of 2 persons not reported.
e 53-104-71 hours; not including hours of 1 person not reported.
f 48-100-73 hours; not including hours of 4 persons not reported
g Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FRAME MAKERS, CARRIAGES AND WAGONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Aust-Hun.	178	(a) (a)	60-60-60	0.53-0.67- —	1894 N. Y.	8	2 M.	60-60-60	1.50-1.50-1.50
1888 N. Y.	331	2 M.	50-50-50	2.75-2.75-2.75	1895 Ohio	376	4 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	1 M.	(a)	2.00-2.00-2.00	1896 Mich	7	2 M.	60-60-60	1.83-1.83-1.83
1891 N. Y.	333	1 M.	(a)	2.00-2.00-2.00	1896 Mich	288	17 M.	60-60-60	1.25-2.50-1.74

FRAME MAKERS' HELPERS, AWNINGS.

1888 N. Y.	331	1 M.	60-60-60	.75- .75- .75	1896 Ohio	377	1 M.	60-60-60	1.00-1.00-1.00
1895 N. Y.	8	1 M.	60-60-60	.90- .90- .90					

FRAMERS, BUILDING.

1885 N. Y.	331	75 M.	58-58-58	3.50-3.50-3.50	1897 N. Y.	337	1274 M.	48-48-48	2.25-3.50-2.94
1886 N. Y.	331	75 M.	58-58-58	3.50-3.50-3.50	1898 N. Y.	338	898 M.	48-48-48	2.75-3.50-3.22
1887 N. Y.	331	272 M.	53-59-55	2.50-3.00-2.82					

FRAMERS, LUMBER.

1893 Ohio	374	2 M.	(a)	1.75-1.75-1.75	1895 N. Y.	8	2 M.	54-60-57	2.00-2.50-2.25
1895 Mo	304	1 M.	(a)	3.18-3.18-3.18	1896 Mass	8	1 M.	54-54-54	2.50-2.50-2.50
1895 N. J	8	1 M.	60-60-60	2.50-2.50-2.50					

FRAME STRINGERS, CARPETINGS.

1885 N. Y.	1	10 F.	60-60-60	.80- .80- .80	1891 N. Y.	333	10 M.	(a)	.65- .70- .68
1890 N. Y.	333	12 M.	(a)	.65- .70- .68					

FREIGHT CHECKERS.

1884 Mich	278	1 M.	(a)	1.75-1.75-1.75	1887 Mich	4	4 M.	(a)	1.73-1.73-1.73
1884 Germany	178	(a) M.	(a)	.70- .73- —	1887 N. Y.	4	1 M.	(a)	1.73-1.73-1.73
1884 Germany	178	(a) M.	(a)	b.96-1.68- —	1888 N. J	326	1 (a)	60-60-60	1.69-1.69-1.69
1884 Italy	178	(a) M.	(a)	.89-1.18- —	1893 Ill.	10	1 M.	60-60-60	2.00-2.00-2.00
1884 Switzerl'd.	178	(a) (a)	(a)	.87- .87- .87	1893 Mich	285	3 M.	60-72-64	1.73-1.73-1.73
1885 Mich	279	18 M.	(a)	1.25-2.49-1.73	1893 N. Y.	10	1 M.	60-60-60	2.17-2.17-2.17
1887 Md	4	1 M.	(a)	1.25-1.25-1.25	1894 N. H	316	1 M.	60-60-60	2.00-2.00-2.00

FREIGHT HANDLERS.

1876 Germany	177	(a) M.	(a)	.49- .49- .49	1883 La	2	1300 M.	60-60-60	1.50-1.50-1.50
1877 Germany	177	(a) M.	(a)	.46- .64- —	1883 N. Y.	2	120 M.	60-60-60	1.50-1.50-1.50
1878 Germany	177	(a) M.	(a)	.46- .80- —	1884 N. Y.	2	141 M.	77-77-77	1.25-1.30-1.28
1881 Conn	2	20 M.	59-59-59	1.35-1.35-1.35	1884 Aust-Hun.	178	(a) M.	(a)	.46- .92- —
1881 Ga	2	1400 M.	60-60-60	1.25-1.50-1.40	1884 Canada	178	(a) (a)	(a)	1.60-2.00- —
1881 Ill.	2	1442 M.	60-60-60	1.25-1.50-1.39	1884 England	178	(a) M.	(a)	.97-1.05- —
1881 N. Y.	2	571 M.	60-77-66	1.25-1.60-1.41	1884 Germany	178	(a) M.	(a)	.49- .68- —
1882 Mass	2	420 M.	60-60-60	1.40-2.00-1.59	1884 Italy	178	(a) M.	(a)	1.02-2.22- —
1882 N. J	2	825 M.	60-60-60	1.67-1.67-1.67	1884 Spain	178	(a) M.	c84-84-84	.47- .48- —
1882 N. Y.	2	3297 M.	60-60-60	1.70-1.70-1.70	1884 Switzerl'd.	178	(a) (a)	(a)	.63- .75- —
1882 Pa	2	60 M.	60-60-60	3.00-3.00-3.00	1885 Ga	2	67 M.	60-60-60	1.40-1.40-1.40

a Not reported.
b And rent, fuel, and uniform.
c Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FREIGHT HANDLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 N. Y	2	210 M.	36-36-36	1.80-1.80-1.80	1888 N. Y	331	39 M.	60-60-60	1.83-1.83-1.83
1886 Ala	2	9 M.	60-60-60	1.25-1.25-1.25	1890 Kans	244	4 M.	(*b*)	1.25-1.25-1.25
1886 Conn	2	145 M.	*a*77-98-88	1.25-1.85-1.75	1893 Ill	10	45 M.	*e*58-72-60	1.33-2.67-1.81
1886 Ill	2	2180 M.	60-62-60	1.50-1.60-1.52	1893 Md	10	2 M.	60-60-60	1.67-1.67-1.67
1886 Iowa	232	3 M.	(*b*)	1.50-1.50-1.50	1893 Mich	285	181 M.	*f*30-72-59	1.00-2.80-1.40
1886 Mass	2	384 M.	60-60-60	1.50-1.65.1.56	1893 N. Y	10	4 M.	60-63-61	1.67-2.50-2.02
1886 Ohio	2	990 M.	60-60-60	1.23-1.37-1.30	1893 Ohio	374	100 M.	48-48-48	2.10-2.10-2.10
1887 Conn	4	21 M.	(*b*)	1.35-1.61-1.46	1894 Iowa	236	2 M.	57-57-57	1.67-1.71-1.69
1887 Md	4	73 M.	(*b*)	.75-1.50-1.40	1894 N. H	316	2 M.	60-72-66	1.58-2.00-1.79
1887 Mass	4	38 M.	(*b*)	1.00-1.75-1.52	1896 Canada	184	(*b*) M.	(*b*)	1.25-1.25-1.25
1887 N. Y	4	7 M.	(*b*)	1.15-1.70-1.36	1896 Germany	595	(*b*) M.	(*b*)	.65- .65- .65
1887 R. I	4	115 M.	(*b*)	1.00-2.30-1.81	1896 Hawai. Is	184	(*b*) M.	(*b*)	1.34-1.53- —
1887 R. I	4	21 M.	(*b*)	*c* .20- .20- .20	1897 Mich	289	3 (*b*)	60-60-60	1.73-2.30-1.92
1887 Va	4	4 M.	(*b*)	1.00-1.00-1.00	1897 Germany	595	(*b*) M.	(*b*)	.65- .65- .65
1887 Wis	4	2 M.	(*b*)	1.73-1.73-1.73	1898 Nebr	314	4 (*b*)	60-60-60	1.63-1.82-1.73
1888 Colo	198	113 M.	(*b*)	1.75-2.02-1.81	1898 N. Y	338	105 M.	60-60-60	2.50-2.50-2.50
1888 Mich	280	1 M.	60-60-60	1.53-1.53-1.53	1898 Wash	405	317 (*b*)	(*b*)	1.50-2.26-1.88
1888 N. J	326	3 (*b*)	*d*60-60-60	1.69-1.70-1.69					

FRINGE MAKERS.

1860 Germany	185	(*b*) M.	(*b*)	.32- .32- .32	1878 Germany	177	(*b*) F.	(*b*)	.24- .24- .24
1864 Germany	185	(*b*) M.	(*b*)	.36- .36- .36	1881 N. Y	3	1 F.	(*b*)	.50- .50- .50
1865 Germany	185	(*b*) M.	(*b*)	.36- .36- .36	1885 Me	7	5 M.	66-66-66	.50- .70- .62
1866 Germany	185	(*b*) M.	(*b*)	.36- .36- .36	1885 Me	7	2 F.	66-66-66	.70- .70- .70
1867 Germany	185	(*b*) M.	(*b*)	.36- .36- .36	1885 N. Y	330	50 F.	(*b*)	1.17-1.17-1.17
1868 Germany	185	(*b*) M.	(*b*)	.40- .40- .40	1885 Pa	7	1 F.	60-60-60	1.13-1.13-1.13
1870 Germany	610	(*b*) M.	72-72-72	*g* .51- .61- —	1886 Pa	3	9 F.	49-60-59	.42-1.00- .75
1872 Germany	185	(*b*) M.	*h*60-66 —	.36-1.44- —	1887 Ill	3	19 F.	52-57-55	.42-1.83- .82
1872 Germany	185	(*b*) F.	*i* 60-84 —	.24- .72- —	1887 Mass	3	1 F.	59-59-59	.83- .83- .83
1872 Germany	185	(*b*) (*b*)	60-60-60	.21- .30- —	1887 N. Y	3	3 F.	53-56-54	.70-1.25-1.00
1872 Switzerl'd	611	(*b*) (*b*)	72-72-72	.55- .55- .55	1887 Ohio	3	6 F.	54-59-57	.50- .88- .63
1873 Germany	177	(*b*) M.	(*b*)	.56- .56- .56	1887 Pa	3	11 F.	56-60-58	.33-1.17- .78
1873 Germany	177	(*b*) F.	(*b*)	.44- .44- .44	1888 N. Y	331	3 M.	59-59-59	1.50-1.50-1.50
1874 Germany	177	(*b*) M.	(*b*)	.50- .50- .50	1890 Scotland	6	(*b*) F.	56-56-56	.30- .53- —
1874 Germany	177	(*b*) F.	(*b*)	.40- .40- .40	1892 Scotland	11	(*b*) (*b*)	(*b*)	.61- .61- .61
1875 Germany	177	(*b*) M.	(*b*)	.44- .44- .44	1893 Pa	10	3 F.	60-60-60	.50- .58- .55
1875 Germany	177	(*b*) F.	(*b*)	.36- .36- .36	1895 Me	7	2 M.	60-60-60	.70- .85- .78
1876 Germany	177	(*b*) M.	(*b*)	.38- .38- .38	1895 Me	7	12 F.	60-60-60	.51-1.37- .93
1876 Germany	177	(*b*) F.	(*b*)	.32- .32- .32	1895 Aust-Hun	435	(*b*) F.	65-65-65	.24- .25- —
1877 Germany	177	(*b*) M.	(*b*)	.32- .32- .32	1896 Pa	7	3 F.	60-60-60	.73- .97- .84
1877 Germany	177	(*b*) F.	(*b*)	.28- .28- .28	1898 Denmark	493	(*b*) M.	(*b*)	.80-1.07- —
1878 Germany	177	(*b*) M.	(*b*)	.28- .28- .28	1898 Denmark	493	(*b*) F.	(*b*)	.27- .58- —

FRINGERS, CARPETINGS.

1887 Pa	3	2 F.	60-60-60	1.00-1.17-1.09	1893 England	632	(*b*) F.	(*b*)	.24- .24- .24

FRINGERS, UPHOLSTERY.

1886 Pa	7	29 F.	60-60-60	.42- .83- .45	1896 Pa	7	141 F.	60-60-60	.21- .98- .52

a Not including hours of 25 persons not reported.
b Not reported.
c Per hour.
d Not including hours of 2 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 4 persons not reported.
g And board and lodging.
h Applies to but 3 of the 10 wage quotations
i Applies to but 5 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FULLERS, FELT AND FELT GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 N. J	323	1 M.	60-60-60	1.50-1.50-1.50
1886 Mich	7	8 M.	60-60-60	1.17-1.33-1.21
1888 N. Y	331	3 M.	(a)	1.50-1.50-1.50
1890 N. Y	333	36 M.	(a)	1.25-1.50-1.43
1891 N. Y	333	44 M.	(a)	1.25-1.54-1.51
1896 Mich	7	8 M.	54-54-54	1.25-1.50-1.31

FULLERS, HATS AND CAPS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1883 Mass	273	24 M.	(a)	1.25-3.58-1.51
1884 N. J	323	1 M.	60-60-60	1.17-1.17-1.17
1884 Aust-Hun	178	(a) M.	63-63-63	.80-1.00- —
1887 Germany	557	(a) (a)	66-66-66	.54- .65- —
1888 N. Y	331	17 M.	(a)	1.25-2.50-1.38
1888 Germany	558	(a) (a)	66-66-66	.48- .71- —
1889 Portugal	691	(a) F.	(a)	.22- .76- —
1891 N. Y	333	13 M.	(a)	1.25-2.25-1.45
1891 Belgium	457	(a) M.	60-60-60	.97- .97- .97
1891 France	505	(a) M.	60-60-60	.68-1.93- —
1891 France	505	(a) F.	60-60-60	.39- .77- —
1892 France	505	(a) M.	54-78 —	.29-1.54- —
1892 France	505	(a) F.	72-72-72	.31- .31- .31
1892 Russia	692	(a) (a)	(a)	.40- .64- —
1894 France	129	(a) F.	60-60-60	.39- .77- —
1894 France	508	(a) M.	54-54-54	.58- .97- —
1896 France	510	(a) (a)	54-60 —	.68- .97- —

FULLERS' HELPERS, HATS AND CAPS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1890 N. Y	333	19 M.	(a)	.75-1.75-1.30
1891 N. Y	333	19 M.	(a)	.75-1.75-1.30

FULLERS' HELPERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1868 Germany	610	(a) M.	78-78-78	.36- .36- .36
1872 Aust-Hun	185	(a) (a)	(a)	.32- .39- —
1882 Germany	33	(a) M.	84-84-84	.28- .28- .28
1885 Me	1	1 M.	66-66-66	1.25-1.25-1.25
1886 Pa	7	1 M.	60-60-60	1.25-1.25-1.25
1886 England	600	(a) M.	57-57-57	.31- .53- —
1886 Scotland	600	(a) M.	57-57-57	.43- .43- .43
1888 Canada	470	(a) M.	58-60 —	.50- .65- —
1890 Me	6	1 M.	60-60-60	1.25-1.25-1.25
1895 N. Y	7	1 M.	60-60-60	.58- .58- .58
1896 Pa	7	2 M.	60-60-60	.75- .83- .79

FULLERS, LEATHER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1860 Mass	8	2 M.	60-60-60	1.25-1.25-1.25
1866 Mass	8	1 M.	60-60-60	1.67-1.67-1.67
1879 Germany	545	(a) M.	78-78-78	.87- .95- —
1884 Germany	556	(a) (a)	54-54-54	.60- .83- —
1894 Australia	425	(a) (a)	(a)	.81-2.43- —
1895 Australia	426	(a) (a)	(a)	.81-2.43- —
1896 Mass	8	3 M.	60-60-60	1.00-1.67-1.22
1896 Australia	427	(a) (a)	(a)	1.22-2.03- —
1897 Australia	428	(a) (a)	(a)	1.22-2.03- —
1898 Australia	429	(a) (a)	(a)	1.22-2.03- —

FULLERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1833 England	624	(a) (a)	64-76 —	.81-1.54- —
1836 Belgium	610	(a) M	(a)	.27- .27- .27
1839 England	563	(a) M.	65-65-65	.73- .73- .73
1846 Belgium	610	(a) M.	(a)	.33- .33- .33
1849 England	563	(a) M.	60-60-60	.79- .79- .79
1850 R. I	190	1 M.	84-84-84	1.00-1.00-1.00
1851 R. I	190	1 M.	84-84-84	1.00-1.00-1.00
1852 R. I	190	1 M.	84-84-84	1.00-1.00-1.00
1853 R. I	190	1 M.	84-84-84	1.00-1.00-1.00
1854 R. I	190	1 M.	84-84-84	1.12-1.12-1.12
1855 R. I	190	1 M.	84-84-84	1.12-1.12-1.12
1856 R. I	190	1 M.	84-84-84	1.17-1.17-1.17
1856 Belgium	610	(a) M.	(a)	.34- .34- .34
1857 R. I	190	1 M.	84-84-84	1.17-1.17-1.17
1858 Mass	190	2 M.	78-78-78	.58- .58- .58
1858 R. I	190	1 M.	84-84-84	1.17-1.17-1.17
1858 England	562	(a) M.	(a)	.73- .81- —
1859 Mass	190	15 M.	78-78-78	.31-1.25- .68
1859 R. I	190	1 M.	84-84-84	1.17-1.17-1.17
1859 England	563	(a) M.	60-60-60	.79- .79- .79
1860 Mass	190	29 M.	78-78-78	.31-1.25- .57
1860 R. I	190	1 M.	78-78-78	1.17-1.17-1.17
1860 England	563	(a) M.	(a)	.73- .81- —
1861 Mass	190	16 M.	78-78-78	.31-1.25- .62
1861 R. I	190	1 M.	78-78-78	1.17-1.17-1.17
1862 Mass	190	21 M.	78-78-78	.50-1.25- .64
1862 R. I	190	1 M.	78-78-78	1.17-1.17-1.17
1863 Mass	190	30 M.	78-78-78	.58-1.00- .70
1863 Mass	190	1 F.	78-78-78	.65- .65- .65
1863 R. I	190	1 M.	78-78-78	1.21-1.21-1.21

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FULLERS, TEXTILES—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 Belgium ..	610	(a) M.	(a)	0.44-0.44-0.44
1864 Mass	190	60 M.	78-78-78	.54-2.00- .82
1864 Mass	190	2 F.	78-78-78	.65- .65- .65
1864 R.I.....	190	1 M.	78-78-78	1.25-1.25-1.25
1865 Mass	190	12 M.	66-66-66	.61-2.00-1.03
1865 R.I.....	190	1 M.	78-78-78	1.25-1.25-1.25
1866 R.I.....	190	1 M.	78-78-78	1.33-1.33-1.33
1866 England ..	566	(a) M.	60-60-60	.41-1.05- —
1867 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1867 N.H.....	7	1 M.	66-66-66	1.33-1.33-1.33
1867 R.I.....	190	1 M.	78-78-78	1.33-1.33-1.33
1868 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1868 R.I.....	190	1 M.	72-72-72	1.33-1.33-1.33
(b) England ..	567	(a) M.	60-60-60	.41-1.05- —
1868 Germany..	185	(a) M.	(a)	.24- .24- .24
1868 Germany..	185	(a) F.	(a)	.15- .15- .15
1868 Germany..	610	(a) M.	72-96 —	.15- .55- —
1868 Germany..	610	(a) M.	78-78-78	c .12- .12- .12
(b) Ireland ...	567	(a) M.	63-63-63	.61- .61- .61
1868 Italy	185	(a) M.	(a)	.40- .40- .40
1869 R.I	190	1 M.	72-72-72	1.33-1.33-1.33
1870 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1870 Aust-Hun.	33	(a) (a)	(a)	.39- .39- .39
1870 Belgium ..	33	(a) (a)	(a)	.43- .43- .43
1870 England ..	33	(a) (a)	(a)	.73- .73- .73
1870 France....	33	(a) (a)	(a)	.58- .58- .58
1870 Germany..	33	(a) (a)	(a)	.39- .39- .39
1870 Norway ...	610	(a) M.	(a)	.54- .54- .54
1871 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1871 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1871 England ..	568	(a) M.	59-59-59	.81- .81- .81
1871 England ..	629	(a) M.	60-60-60	.81-1.42- —
1871 Germany ..	185	(a) M.	(a)	.36- .42- —
1871 Norway ...	185	(a) (a)	(a)	.53- .53- .53
1871 Scotland ..	629	(a) M.	60-60-60	.73- .73- .73
1872 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1872 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1872 England ..	185	(a) M.	59-59-59	.81-1.53- —
1872 Germany .	185	(a) M.	d60-78-59	.30- .72- —
1872 Germany .	185	(a) F.	60-60-60	.30- .36- —
1872 Germany .	185	(a) (a)	(a)	.31- .48- —
1873 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1873 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1873 England ..	185	(a) M.	(a)	1.21-1.21-1.21
1874 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1874 R.I	190	1 M.	72-72-72	1.27-1.27-1.27
1874 England ..	569	(a) M.	56-60 —	.61-1.01- —
1875 Mass	190	1 M.	66-66-66	1.75-1.75-1.75
1875 Mass	270	10 M.	(a)	1.08-1.75-1.24
1875 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1876 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1876 Mass	270	3 M.	(a)	1.21-1.46-1.37
1876 Pa	381	9 M.	(a)	.94-2.13-1.55
1876 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1877 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1877 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1877 England ..	570	(a) M.	54-57 —	.89-1.01- —
1877 Scotland ..	570	(a) M.	(a)	.73- .79- —
1878 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1878 Pa	383	2 M.	(a)	1.45-1.45-1.45
1878 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1878 England ..	185	(a) M.	54-54-54	.80- .96- —
1879 Pa	384	12 M.	e 60-72-63	.80-2.00-1.34
1879 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1880 Conn.....	271	1 (a)	66-66-66	1.50-1.50-1.50
1880 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1880 England ..	571	(a) M.	f54-57 —	.41-1.62- —
1881 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1882 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1882 Belgium ..	36	(a) M.	70-70-70	.70- .70- .70
1882 Belgium ..	40	(a) M.	72-72-72	.75- .75- .75
1882 Canada ...	33	(a) (a)	60-60-60	1.10-1.10-1.10
1882 England ..	33	(a) M.	(a)	1.62-1.62-1.62
1882 Germany .	33	(a) (a)	72-84 —	.44- .54- —
1882 Russia	33	(a) M.	84-84-84	.83- .83- .83
1883 Mass	273	48 M.	(a)	1.00-1.75-1.11
1883 Mass	273	19 (a)	(a)	.90- .93- .92
1883 N.J	322	40 M.	g60-60-60	1.17-1.17-1.17
1883 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1883 England ..	572	(a) M.	54-60 —	.43-1.01- —
1884 N.J	323	16 M.	60-60-60	1.25-1.50-1.36
1884 R.I	190	1 M.	72-72-72	1.75-1.75-1.75
1884 Aust-Hun.	178	(a) (a)	66-66-66	.33- .53- —
1884 Belgium ..	178	(a) M.	72-72-72	.58- .78- —
1884 Canada ...	178	(a) (a)	60-60-60	1.20-1.25- —
1884 Canada ...	466	(a) M.	60-60-60	1.10-1.10-1.10
1884 England ..	178	(a) M.	(a)	.41- .73- —
1884 Germany..	178	(a) M.	60-60-60	.40- .40- .40
1884 Italy	178	(a) M.	(a)	.29- .39- —
1884 Scotland ..	178	(a) M.	57-57-57	.73- .89- —
1884 Switzerl'd.	178	(a) (a)	65-65-65	.80- .97- —
1885 Cal.....	1	9 M.	60-60-60	1.12-2.00-1.22
1885 Conn.....	1	3 M.	66-69-68	1.10-1.35-1.18
1885 Del.....	1	4 M.	60-60-60	1.33-1.50-1.42
1885 Ind	1	17 M.	66-66-66	.57-1.33-1.00
1885 Ind	1	2 F.	66-66-66	.67- .67- .67
1885 Me.....	1	2 M.	66-66-66	1.50-1.50-1.50
1885 Md.....	1	5 M.	66-66-66	1.35-1.75-1.43
1885 Mass	1	18 M.	60-60-60	1.00-1.50-1.04
1885 Mass	7	1 M.	60-60-60	1.51-1.51-1.51
1885 Minn	7	1 M.	(a)	1.50-1.50-1.50
1885 N.H	1	8 M.	66-66-66	1.25-1.25-1.25
1885 N.Y.....	1	10 M.	66-66-66	1.05-1.50-1.10
1885 N.Y.....	7	2 M.	60-60-60	1.33-1.33-1.33
1885 Pa	1	48 M.	60-60-60	1.37-1.75-1.59
1885 R.I	190	1 M.	72-72-72	1.50-1.50-1.50
1885 Vt	1	16 M.	66-66-66	1.00-1.00-1.00
1885 Vt	7	10 M.	60-60-60	.90-1.13- .92
1885 Canada ...	467	(a) M.	61-61-61	1.20-1.27- —
1886 Conn.....	201	1 M.	(a)	1.05-1.05-1.05
1886 N.J	325	6 M.	60-60-60	2.67-2.67-2.67
1886 Pa	7	45 M.	h 60-60-60	1.08-1.75-1.31
1886 R.I	190	1 M.	60-60-60	1.50-1.50-1.50
1886 Belgium ..	456	(a) M.	(a)	.58- .58- .58
1886 Canada ...	468	(a) M.	60-60-60	1.14-1.17- —
1886 England ..	600	(a) M.	57-57-57	.69-1.22- —
1886 Germany..	62	(a) M.	(a)	.60- .60- .60
1886 Ireland ...	600	(a) M.	57-57-57	.43- .43- .43
1886 Scotland ..	67	(a) M.	56-56-56	.85- .85- .85
1886 Scotland ..	600	(a) M.	57-57-57	.76- .88- —
1886 Wales	600	(a) M.	57-57-57	.76- .76- .76
1887 Conn.....	202	8 M.	(a)	1.33-1.33-1.33
1887 R.I	190	1 M.	60-60-60	1.50-1.50-1.50
1887 Canada ...	469	(a) M.	60-60-60	1.33-1.36- —
1887 Germany..	75	(a) M.	66-66-66	.40- .60- —
1888 Conn.....	6	3 M.	(a)	1.10-1.33-1.26
1888 Del	6	1 M.	(a)	1.33-1.33-1.33
1888 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1888 R.I	6	5 M.	60-60-60	.95- .95- .95
1888 R.I	190	1 M.	60-60-60	1.50-1.50-1.50
1888 R.I	397	2 (a)	(a)	1.00-1.00-1.00
1888 Canada ...	470	(a) M.	60-60-60	1.20-1.20-1.20
1889 Cal	6	4 M.	(a)	.90-3.00-1.83
1889 Conn	6	1 M.	(a)	1.50-1.50-1.50

a Not reported.
b Average for 1867–68.
c And board.
d Applies to but 5 of the 11 wage quotations.
e Not including hours of 2 persons not reported.
f Applies to but 6 of the 8 wage quotations.
g Not including hours of 10 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FULLERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Me	6	8 M.	a60-60-60	1.15-1.75-1.47
1889 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1889 N. Y	6	28 M.	b60-60-60	.88-2.00-1.18
1889 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Canada	471	(c) M.	60-60-60	1.42-1.42-1.42
1889 Portugal	691	(c) (c)	(c)	.06½-1.08- —
1890 Me	6	2 M.	a60-60-60	1.35-1.50-1.43
1890 Mass	6	1 M.	(c)	1.20-1.20-1.20
1890 Mo	6	3 M.	(c)	1.50-1.50-1.50
1890 N H	6	8 M.	60-60-60	.80-1.20-1.15
1890 N. J	6	9 M.	d60-60-60	1.00-1.67-1.19
1890 N. Y	6	1 M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	18 M.	(c)	1.13-2.50-1.29
1890 R. I	6	5 M.	(c)	1.00-1.00-1.00
1890 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Aust-Hun	632	(c) M.	(c)	.38- .57- —
1890 England	632	(c) M.	(c)	.92- .92- .92
1890 Germany	94	(c) (c)	(c)	.40- .60- —
1891 Me	257	1 M.	60-60-60	1.15-1.15-1.15
1891 N. J	6	1 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	6	4 M.	60-60-60	1.13-1.13-1.13
1891 N. Y	333	26 M.	(c)	1.13-2.50-1.27
1891 R. I	190	1 M.	60-60-60	1.50-1.50-1.50
1891 Belgium	457	(c) M.	63-63-63	.58- .58- .58
1891 Italy	634	(c) M.	(c)	.48- .48- .48
1892 Conn	190	18 M.	60-60-60	1.25-1.50-1.26
1892 Ind	227	2 M.	60-60-60	1.35-1.75-1.55
1892 Me	258	3 M.	60-60-60	1.00-1.63-1.42
1892 R. I	20	9 M.	60-60-60	1.10-1.10-1.10
1892 R. I	190	7 M.	60-60-60	1.10-1.50-1.22
1892 France	505	(c) M.	54-72 —	.24- .77- —
1892 France	505	(c) M.	66-66-66	e.48- .63- —
1892 Germany	33	(c) M.	76-76-76	.48- .48- .48
1892 Germany	667	(c) (c)	(c)	.45- .45- .45
1892 Russia	692	(c) (c)	(c)	.10- .41- —
1893 Ohio	374	3 M.	60-60-60	1.66-1.75-1.72
1893 R. I	20	9 M.	60-60-60	1.10-1.10-1.10
1894 Ind	228	2 (c)	60-60-60	1.50-1.50-1.50
1894 Ohio	375	3 M.	a60-60-60	1.50-1.75-1.64
1894 R. I	20	9 M.	60-60-60	1.00-1.00-1.00
1894 R. I	401	4 M.	(c)	1.12-3.00-1.71
1894 England	590	(c) (c)	(c)	.73- .77- —
1895 Mass	7	5 M.	58-58-58	1.11-1.70-1.32
1895 N. H	7	6 M.	60-60-60	1.13-1.75-1.42
1895 N. Y	7	4 M.	60-60-60	1.00-1.33-1.08
1895 N. Y	8	6 M.	60-60-60	.85-1.63-1.18
1895 N. C	8	1 M.	66-66-66	.75- .75- .75
1895 Ohio	376	1 M.	60-60-60	1.67-1.67-1.67
1895 R. I	20	9 M.	60-60-60	1.10-1.10-1.10
1895 Vt	7	11 M.	60-60-60	.90-1.35- .94
1896 Minn	7	3 M.	60-60-60	1.20-1.80-1.47
1896 Ohio	377	2 M.	60-60-60	1.67-1.75-1.71
1896 Pa	7	53 M.	60-60-60	1.08-1.70-1.26
1896 England	592	(c) (c)	(c)	.69- .77- —

FURNACE KEEPERS' HELPERS, PIG IRON.

1856	Pa	8	2	M.	72-72-72	.66- .66- .66	1889	Ill	5	14	M.	84-84-84	2.50-2.75-2.52
1874	Pa	380	10	M.	(c)	1.72-1.72-1.72	1889	Ind	5	2	M.	84-84-84	1.50-1.50-1.50
1876	Pa	381	183	M.	(c)	.92-1.87-1.47	1889	Md	5	4	M.	72-72-72	1.35-1.35-1.35
1876	Pa	382	24	M.	(c)	1.10-1.58-1.27	1889	Mich	5	8	M.	84-84-84	1.60-1.75-1.68
1877	England	570	(c)	M.	84-84-84	.83- .83- .83	1889	Mo	5	4	M.	84-84-84	1.50-1.50-1.50
1878	Pa	383	159	M.	f67-84-84	.80-1.35-1.11	1889	N. Y	5	19	M.	84-84-84	1.50-1.90-1.74
1879	Pa	384	194	M.	(c)	1.00-2.00-1.42	1889	Ohio	5	169	M.	g56-84-82	1.38-1.85-1.64
1880	England	571	(c)	M.	84-84-84	.81- .81- .81	1889	Pa	5	193	M.	h56-84-83	.82-2.00-1.59
1883	England	572	(c)	M.	84-84-84	.81- .81- .81	1889	Tenn	5	28	M.	77-84-83	1.20-1.50-1.41
1883	Gr't Brit	273	(c)	M.	(c)	1.03-1.18- —	1889	Va	5	7	M.	i84-84-84	1.15-1.50-1.25
1885	Ind	1	2	M.	70-70-70	1.40-1.40-1.40	1889	W. Va	5	14	M.	84-84-84	1.65 1.65-1.65
1885	Md	1	18	M.	84-84-84	1.25-1.25-1.25	1889	Belgium	5	(c)	M.	j84-84-84	.54- .92- —
1885	N. Y	1	16	M.	84-84-84	1.50-1.65-1.58	1889	England	5	(c)	M.	k84-84-84	.75 1.19- —
1885	Ohio	1	94	M.	84-84-84	1.10-1.48-1.33	1889	France	5	(c)	M.	84-84-84	.75- .75- .75
1885	Pa	1	20	M.	84-84-84	1.35-1.70-1.56	1889	Germany	5	(c)	M.	84-84-84	.60- .74- —
1885	Tenn	1	4	M.	84-84-84	1.35-1.35-1.35	1889	Italy	5	(c)	M.	(c)	.49- .49- .49
1885	Va	1	28	M.	84-84-84	1.15-1.50-1.43	1890	Ohio	5	8	M.	72-84-81	1.00-1.75-1.56
1885	Belgium	1	(c)	M.	84-84-84	.64- .64- .64	1890	Pa	5	4	M.	84-84-84	1.65-1.65-1.65
1885	Gr't Brit	1	(c)	M.	84-84-84	.72-1.28- —	1890	Wis	5	12	M.	84-84-84	2.25-2.25-2.25
1888	Ill	5	8	M.	84-84-84	2.50-2.50-2.50	1892	Ohio	373	109	M.	l70-84-72	1.00-2.10-1.56
1888	N. Y	331	32	M.	70-84-81	1.63-2.00-1.78	1893	N. J	8	4	M.	84-84-84	1.55-1.55-1.55
1888	Ohio	5	6	M.	84-84-84	1.65-1.65-1.65	1895	Ohio	376	197	M.	n84-84-84	.75-1.65-1.53
1888	Pa	5	24	M.	84-84-84	1.40-2.10-1.65	1896	Pa	394	2	M.	84-84-84	1.43-1.51-1.47
1888	Va	5	20	M.	84-84-84	1.10-1.30-1.25	1897	Ohio	377	205	(c)	g84-84-84	.75-1.65-1.39
1888	W. Va	5	6	M.	84-84-84	1.65-1.65-1.65	1898	Pa	18	24	M.	(c)	1.70-1.70-1.70
1888	Belgium	5	(c)	M.	84-84-84	.80- .80- .80	1899	Ala	18	36	M.	84-84-84	1.25-1.50-1.38
1888	England	5	(c)	M.	84-84-84	.75- .85- —	1899	Pa	18	24	M.	(c)	1.95-1.95-1.95
1889	Ala	5	96	M.	84-84-84	1.00-1.60-1.43	1900	Ala	18	36	M.	84-84-84	1.25-1.50-1.39
1889	Ga	5	2	M.	84-84-84	1.40-1.40-1.40							

a Not including hours of 1 person not reported.
b Not including hours of 11 persons not reported.
c Not reported.
d Not including hours of 3 persons not reported.
e And lodging.
f Not including hours of 65 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 21 persons not reported.
i Not including hours of 4 persons not reported.
j Applies to but 2 of the 6 wage quotations.
k Applies to but 1 of the 4 wage quotations.
l Not including hours of 8 persons not reported.
n Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURNACE KEEPERS, PIG IRON.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 Pa	190	1 M.	(a)	1.00-1.00-1.00
1841 Pa	190	1 M.	(a)	1.00-1.00-1.00
1842 Pa	190	1 M.	(a)	1.00-1.00-1.00
1843 Pa	190	1 M.	(a)	1.00-1.00-1.00
1844 Pa	190	1 M.	(a)	1.21-1.21-1.21
1844 England	572	(a) (a)	84-84-84	1.22-1.22-1.22
1844 Wales	572	(a) (a)	(a)	.68- .68- .68
1845 Pa	190	1 M.	(a)	1.41-1.41-1.41
1845 England	572	(a) (a)	84-84-84	1.58-1.58-1.58
1845 Wales	572	(a) (a)	(a)	.80- .80- .80
1846 Pa	190	1 M.	(a)	1.42-1.42-1.42
1846 England	572	(a) (a)	84-84-84	1.70-1.70-1.70
1846 Wales	572	(a) (a)	(a)	.97- .97- .97
1847 Pa	190	1 M.	(a)	1.70-1.70-1.70
1847 England	572	(a) (a)	84-84-84	1.83-1.83-1.83
1847 Wales	572	(a) (a)	(a)	.94- .94- .94
1848 Pa	190	1 M.	(a)	1.67-1.67-1.67
1848 England	572	(a) (a)	84-84-84	1.10-1.10-1.10
1848 Wales	572	(a) (a)	(a)	.80- .80- .80
1849 Pa	190	1 M.	(a)	1.40-1.40-1.40
1849 England	572	(a) (a)	84-84-84	.97- .97- .97
1849 Wales	572	(a) (a)	(a)	.76- .76- .76
1850 Pa	190	1 M.	(a)	1.65-1.65-1.65
1851 Pa	190	1 M.	(a)	1.69-1.69-1.69
1852 Pa	190	1 M.	(a)	1.53-1.53-1.53
1853 Pa	190	1 M.	(a)	1.63-1.63-1.63
1854 Pa	190	1 M.	(a)	1.63-1.63-1.63
1855 Pa	190	1 M.	(a)	1.92-1.92-1.92
1856 Pa	8	2 M.	72-72-72	.72- .72- .72
1856 Pa	190	1 M.	(a)	1.94-1.94-1.94
1857 Pa	190	1 M.	(a)	1.94-1.94-1.94
1858 Pa	190	1 M.	(a)	1.70-1.70-1.70
1859 Pa	190	1 M.	(a)	1.67-1.67-1.67
1860 Pa	190	1 M.	(a)	1.85-1.85-1.85
1861 Pa	190	1 M.	(a)	1.90-1.90-1.90
1862 Pa	190	1 M.	(a)	1.68-1.68-1.68
1863 Pa	190	1 M.	(a)	1.90-1.90-1.90
1864 Pa	190	1 M.	(a)	2.70-2.70-2.70
1865 Pa	190	1 M.	(a)	2.49-2.49-2.49
1866 Pa	190	1 M.	(a)	2.41-2.41-2.41
1867 Pa	190	1 M.	(a)	2.53-2.53-2.53
1868 Pa	190	1 M.	(a)	2.53-2.53-2.53
1869 Pa	190	1 M.	(a)	2.77-2.77-2.77
1870 Pa	190	1 M.	(a)	2.77-2.77-2.77
1871 Pa	190	1 M.	(a)	2.78-2.78-2.78
1871 England	629	(a) (a)	59-59-59	1.76-1.76-1.76
1872 Pa	190	1 M.	(a)	3.15-3.15-3.15
1873 Pa	190	1 M.	(a)	3.27-3.27-3.27
1873 Pa	379	2 M.	(a)	2.58-2.58-2.58
1874 Pa	190	1 M.	(a)	2.04-2.04-2.04
1874 Pa	380	46 M.	(a)	1.25-4.00-1.94
1875 Pa	190	1 M.	(a)	1.94-1.94-1.94
1875 Pa	380	2 M.	(a)	1.60-1.60-1.60
1876 Pa	190	1 M.	(a)	1.68-1.68-1.68
1876 Pa	381	153 M.	(a)	.85-2.37-1.69
1876 Pa	382	16 M.	(a)	1.25-2.03-1.49
1877 Ohio	359	90 M.	b60-84-77	.86-1.90-1.32
1877 Pa	190	1 M.	(a)	1.56-1.56-1.56
1877 England	570	(a) M.	63-84 —	1.46-2.29- —
1878 Ohio	360	111 M.	(a)	.86-1.75-1.37
1878 Pa	190	1 M.	(a)	1.58-1.58-1.58
1878 Pa	383	112 M.	c67-84-82	.79-2.25-1.36
1879 Ohio	361	133 M.	(a)	.86-2.80-1.51
1879 Pa	190	1 M.	(a)	1.57-1.57-1.57
1879 Pa	384	149 M.	d84-84-84	.79-2.50-1.59
1879 Pa	384	2 M.	(a)	e.66- .66- .66
1880 Ohio	362	158 M.	f60-84-78	1.07-2.50-1.63
1880 Pa	190	1 M.	(a)	1.78-1.78-1.78
1880 Pa	385	4 M.	84-84-84	1.30-1.75-1.58
1880 England	571	(a) M.	74-84 —	1.30-1.62- —
1881 Onio	363	90 M.	g70-84-77	1.00-2.65-1.65
1881 Pa	190	1 M.	(a)	1.78-1.78-1.78
1881 Pa	386	1 M.	84-84-84	1.90-1.90-1.90
1882 Pa	190	1 M.	(a)	2.00-2.00-2.00
1882 Pa	387	1 M.	84-84-84	1.90-1.90-1.90
1883 Pa	190	1 M.	(a)	2.25-2.25-2.25
1883 England	572	(a) M.	84-84-84	1.64-1.64-1.64
1883 Gr't Brit	273	(a) M.	(a)	2.02-2.40- —
1884 Mich	278	2 M.	(a)	1.85-1.85-1.85
1884 N. J	323	7 M.	70-84-80	1.59-2.53-1.82
1884 Ohio	366	78 M.	(a)	1.00-2.25-1.64
1884 Pa	190	1 M.	(a)	2.25-2.25-2.25
1884 England	178	(a) M.	(a)	1.66-2.72- —
1885 Ind	1	2 M.	70-70-70	1.85-1.85-1.85
1885 Md	1	18 M.	84-84-84	1.50-1.50-1.50
1885 N. Y	1	12 M.	84-84-84	1.67-1.85-1.79
1885 Ohio	1	48 M.	84-84-84	1.35-2.00-1.64
1885 Ohio	367	2 M.	72-72-72	1.60-1.60-1.60
1885 Pa	1	12 M.	84-84-84	1.80-2.25-2.02
1885 Pa	190	1 M.	(a)	2.00-2.00-2.00
1885 Tenn	1	4 M.	84-84-84	1.80-1.80-1.80
1885 Va	1	12 M.	84-84-84	1.50-2.30-1.93
1885 Belgium	1	(a) M.	84-84-84	1.00-1.00-1.00
1885 Gr't Brit	1	(a) M.	84-84-84	.72-1.86- —
1886 Pa	190	1 M.	(a)	2.05-2.05-2.05
1886 England	67	(a) (a)	(a)	1.86-1.86-1.86
1886 England	604	(a) M.	(a)	.97-1.83- —
1886 Scotland	67	(a) M.	(a)	.91-1.83- —
1886 Scotland	604	(a) M.	(a)	1.14-1.23- —
1887 Ohio	369	28 M.	70-84-74	1.40-2.25-1.91
1887 Pa	190	1 M.	(a)	2.25-2.25-2.25
1887 Pa	390	1 M.	84-84-84	2.10-2.10-2.10
1887 Wis	409	4 M.	(a)	3.10-3.10-3.10
1888 Ill	5	2 M.	84-84-84	3.25-3.25-3.25
1888 Mich	5	2 M.	84-84-84	1.80-2.00-1.90
1888 N. Y	331	8 M.	70-84-75	1.88-2.15-1.98
1888 Ohio	5	2 M.	84-84-84	2.40-2.40-2.40
1888 Pa	5	8 M.	84-84-84	1.85-2.25-2.04
1888 Pa	190	1 M.	(a)	2.05-2.05-2.05
1888 Tenn	5	3 M.	(a)	1.85-1.85-1.85
1888 Va	5	11 M.	84-84-84	1.40-2.00-1.67
1888 W. Va	5	2 M.	84-84-84	2.40-2.40-2.40
1888 Belgium	5	(a) M.	84-84-84	1.60-1.60-1.60
1888 Germany	5	(a) M.	84-84-84	1.17-1.17-1.17
1889 Ala	5	32 M.	84-84-84	1.25-2.00-1.89
1889 Ga	5	2 M.	84-84-84	1.65-1.65-1.65
1889 Ill	5	4 M.	84-84-84	3.10-3.25-3.21
1889 Ind	5	2 M.	84-84-84	1.70-1.70-1.70
1889 Md	5	2 M.	72-72-72	1.58-1.58-1.58
1889 Mich	5	2 M.	84-84-84	2.00-2.00-2.00
1889 Mo	5	2 M.	84-84-84	1.70-1.70-1.70
1889 N. Y	5	11 M.	g84-84-84	1.85-2.15-1.98
1889 Ohio	5	45 M.	h84-84-84	1.80-2.50-2.07
1889 Pa	5	66 M.	g56-84-83	1.08-3.00-1.90
1889 Pa	190	1 M.	(a)	2.25-2.25-2.25
1889 Tenn	5	18 M.	77-84-82	1.75-2.00-1.89
1889 Va	5	3 M.	i84-84-84	1.50-2.00-1.83
1889 W. Va	5	12 M.	84-84-84	1.65-2.40-2.01
1889 Belgium	5	(a) M.	j60-84 —	.48-1.49- —
1889 England	5	(a) M.	k84-84-84	.77-1.70- —
1889 France	5	(a) M.	84-84-84	1.20-1.70- —
1889 Germany	5	(a) M.	84-84-84	.79-1.07- —

a Not reported.
b Not including hours of 16 persons not reported.
c Not including hours of 12 persons not reported.
d Not including hours of 147 persons not reported.
e And rent.
f Not including hours of 114 persons not reported.
g Not including hours of 4 persons not reported.
h Not including hours of 3 persons not reported.
i Not including hours of 1 person not reported.
j Applies to but 3 of the 9 wage quotations.
k Applies to but 6 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURNACE KEEPERS, PIG IRON—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Italy	5	(a) M.	(a)	0.60-0.98- —
1890 Ala	5	8 M.	84-84-84	2.00-2.00-2.00
1890 N. Y	333	4 M.	(a)	2.00-2.00-2.00
1890 Ohio	5	6 M.	72-84-76	1.00-2.30-1.43
1890 Pa	5	2 M.	84-84-84	1.90-1.90-1.90
1890 Pa	190	1 M.	(a)	2.25-2.25-2.25
1890 Wis	5	4 M.	84-84-84	3.00-3.00-3.00
1891 N. Y	333	14 M.	(a)	1.75-2.20-1.93
1891 Pa	190	1 M.	(a)	2.00-2.00-2.00
1892 Ohio	373	52 M.	b58-84-72	1.00-3.00-1.69
1892 Pa	190	1 M.	(a)	2.25-2.25-2.25
1892 Aust-Hun	595	(a) (a)	(a)	.73- .73- .73
1893 N. J	8	4 M.	84-84-84	1.75-1.75-1.75
1893 Aust-Hun	595	(a) (a)	(a)	0.64-0.64-0.64
1894 Aust-Hun	595	(a) (a)	(a)	.59- .59- .59
1895 Ohio	376	76 M.	c84-84-84	.75-2.25-1.70
1895 Aust-Hun	595	(a) (a)	(a)	.60- .60- .60
1895 Canada	187	(a) M.	70-112 —	2.10-2.30- —
1896 Pa	394	2 M.	84-84-84	1.68-1.69-1.69
1896 Aust-Hun	595	(a) (a)	(a)	.62- .62- .62
1897 Ohio	377	83 (a)	b84-84-84	.75-2.20-1.50
1897 Pa	395	3 M.	(a)	2.00-2.10-2.06
1898 Pa	18	6 M.	(a)	2.10-2.20-2.17
1899 Ala	18	12 M.	84-84-84	1.75-1.85-1.82
1899 Pa	18	6 M.	(a)	2.40-2.50-2.47
1900 Ala	18	12 M.	84-84-84	1.80-1.85-1.83

FURNACE MEN, COAL MINING.

1841	England	625	(a)	M.	(a)	.49- .57- —	1887	Ohio	369	2	M.	54-60-57	1.28-1.50-1.39
1860	England	563	(a)	M.	(a)	.65- .65- .65	1888	Germany	5	(a)	M.	72-72-72	.26- .26- .26
(d)	England	567	(a)	M.	72-72-72	.63- .63- .63	1889	Ala	5	2	M.	60-60-60	1.10-1.10-1.10
1873	England	185	(a)	M.	(a)	e.61-1.33- —	1889	Md	5	1	M.	60-60-60	2.00-2.00-2.00
1877	England	570	(a)	M.	48-60 —	.71- .75- —	1889	Ohio	5	3	M.	60-60-60	1.25-2.00-1.58
1878	England	178	(a)	M.	48 48-48	.75- .75- .75	1889	Pa	5	12	M.	b53-70-60	1.00-2.00-1.64
1878	Wales	177	(a)	M.	(a)	.64- .64- .64	1889	Canada	5	(a)	M.	70-70-70	.90-1.10- —
1880	England	571	(a)	M.	84-84-84	.67- .67- .67	1889	England	5	(a)	M.	60-60-60	.89- .89- .89
1880	Scotland	571	(a)	M.	60-84 —	.85- .85- .85	1890	Australia	423	(a)	(a)	48-48-48	1.70-1.95- —
1881	Ohio	363	1	M.	(a)	1.50-1.50-1.50	1892	Australia	114	(a)	M.	(a)	1.58-1.83- —
1882	Ohio	364	1	(a)	(a)	1.50-1.50-1.50	1893	Australia	424	(a)	M.	48-48-48	1.70-2.01- —
1884	England	178	(a)	M.	f48-48-48	.64- .85- —	1894	Australia	425	(a)	(a)	(a)	1.46-1.95- —
1885	Md	1	4	M.	66-66-66	1.65-1.75-1.68	1895	Australia	426	(a)	(a)	(a)	1.46-1.95- —
1885	Ohio	1	1	M.	60-60-60	1.25-1.25-1.25	1896	Australia	427	(a)	(a)	(a)	1.46-1.95- —
1885	W. Va	1	1	M.	60-60-60	1.25-1.25-1.25	1897	Australia	428	(a)	(a)	(a)	1.46-1.95- —
1885	Gr't Brit	1	(a)	M.	60-60-60	.72- .72- .72	1898	Australia	429	(a)	(a)	(a)	1.46-1.95- —
1886	England	602	(a)	M.	(a)	.75- .77- —	1899	Tenn	403	15	M.	(a)	1.23-1.92-1.57
1886	Gr't Brit	602	(a)	M.	(a)	.74- .74- .74							

FURNACE MEN, DRUGS AND CHEMICALS.

1867	Germany	185	(a)	M.	63-63-63	.66- .80- —	1890	N. Y	333	32	M.	(a)	1.75-2.80-2.09
1871	England	629	(a)	M.	(a)	1.01-1.01-1.01	1890	England	92	(a)	M.	72-72-72	1.70-1.70-1.70
1878	Scotland	177	(a)	M.	72-72-72	1.25-1.50- —	1891	N. Y	333	33	M.	(a)	1.75-2.80-2.11
1883	Scotland	572	(a)	M.	60-60-60	1.03-1.03-1.03	1892	England	632	(a)	(a)	70-72 —	1.34-1.34-1.34
1884	England	178	(a)	M.	56-56-56	.97-1.46- —	1896	Colo	200	6	M.	72-72-72	2.25-2.25-2.25

FURNACE MEN, FOUNDRY AND MACHINE SHOP.

1844	N. Y	190	1	M.	60-60-60	1.38-1.38-1.38	1856	Mass	190	7	M.	60-60-60	1.17-1.45-1.28
1845	N. Y	190	1	M.	60-60-60	1.38-1.38-1.38	1857	Mass	190	2	M.	60-60-60	1.25-1.25-1.25
1849	Mass	190	16	M.	60-60-60	1.25-1.33-1.30	1858	Mass	190	8	M.	60-60-60	1.20-1.45-1.38
1850	Mass	190	11	M.	60-60-60	1.08-1.33-1.29	1859	Mass	190	4	M.	60-60-60	1.33-1.44-1.36
1851	Mass	190	10	M.	60-60-60	1.08-1.33-1.23	1860	Mass	190	2	M.	60-60-60	1.44-1.45-1.45
1852	Mass	190	5	M.	60-60-60	1.08-1.44-1.30	1861	Mass	190	3	M.	60-60-60	1.17-1.44-1.31
1853	Mass	190	3	M.	60-60-60	1.12-1.45-1.27	1862	Mass	190	5	M.	60-60-60	1.17-1.45-1.33
1854	Mass	190	1	M.	60-60-60	1.33-1.33-1.33	1863	Mass	190	7	M.	60-60-60	1.25-1.75-1.56
1855	Mass	190	7	M.	60-60-60	1.17-1.33-1.27	1863	England	565	(a)	(a)	(a)	1.64-1.64-1.64

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 8 persons not reported.
d Average for 1867–68.
e And house.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURNACE MEN, FOUNDRY AND MACHINE SHOP—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1864 Mass	190	9 M.	60-60-60	1.20-1.75-1.29
1865 Mass	190	7 M.	60-60-60	1.10-1.75-1.30
1865 Wales	627	(a) M.	(a)	.61- .61- .61
1866 Mass	190	2 M.	60-60-60	1.20-1.75-1.48
1866 England	566	(a) M.	59-59-59	1.22-1.22-1.22
1866 Scotland	566	(a) M.	60-60-60	.61- .61- .61
1867 Mass	190	3 M.	60-60-60	1.45-1.75-1.65
1868 Mass	190	2 M.	60-60-60	1.45-1.75-1.60
(b) England	567	(a) M.	58-59 —	.81-2.43- —
1869 Mass	190	1 M.	60-60-60	1.75-1.75-1.75
1870 Mass	190	3 M.	60-60-60	1.60-1.75-1.70
1871 Mass	190	2 M.	60-60-60	1.60-1.75-1.68
1871 England	568	(a) M.	59-59-59	1.22-1.22-1.22
1871 England	629	(a) M.	c 59-59-59	1.05-1.46- —
1871 Scotland	568	(a) M.	57-57-57	.77- .77- .77
1872 Mass	190	3 M.	60-60-60	1.60-1.75-1.70
1872 Scotland	185	(a) M.	57-57-57	.77- .77- .77
1873 Mass	190	6 M.	60-60-60	1.60-1.75-1.73
1874 Mass	190	5 M.	60-60-60	1.55-1.75-1.59
1874 Pa	380	15 M.	(a)	1.55-1.55-1.55
1874 Scotland	185	(a) M.	51-51-51	.83- .83- .83
1874 Scotland	569	(a) M.	51-51-51	.97- .97- .97
1875 Mass	190	7 M.	60-60-60	1.55-1.75-1.61
1876 Mass	190	8 M.	60-60-60	1.60-1.90-1.82
1877 Mass	190	9 M.	60-60-60	1.60-1.90-1.78
1878 Mass	190	7 M.	60-60-60	1.60-1.90-1.81
1878 England	177	(a) M.	(a)	.84-3.04- —
1878 Scotland	177	(a) M.	54-54-54	.81- .81- .81
1879 Mass	190	6 M.	60-60-60	1.60-1.90-1.81
1879 Pa	384	76 (a)	60-60-60	1.37-1.50-1.47
1880 Mass	190	7 M.	60-60-60	1.60-1.90-1.82
1881 Mass	190	11 M.	60-60-60	1.45-1.90-1.76
1881 N. J	320	1 M.	(a)	1.75-1.75-1.75
1882 Mass	190	2 M.	60-60-60	1.70-1.75-1.73
1882 Pa	2	32 M.	55-55-55	1.25-1.54-1.40
1883 Mass	190	8 M.	60-60-60	1.75-1.80-1.79
1883 Mass	273	41 M.	(a)	1.50-2.83-1.93
1883 England	572	(a) M.	60-60-60	2.19-2.19-2.19
1883 Gr't Brit	273	(a) M.	(a)	.97-2.23- —
1884 Mass	190	5 M.	60-60-60	1.75-1.80-1.79
1884 England	178	(a) M.	50-55 —	1.03-3.04- —
1884 Hawai. Is.	178	(a) (a)	53-53-53	3.25-3.25-3.25
1884 Spain	178	(a) M.	60-60-60	.40-2.41- —
1884 Wales	178	(a) M.	54-84 —	.65-1.54- —
1885 Del	1	11 M.	60-60-60	2.50-3.25-2.91
1885 Me	1	1 M.	60-60-60	2.00-2.00-2.00
1885 Mass	190	11 M.	60-60-60	1.45-1.80-1.75
1885 N. Y.	1	91 M.	60-60-60	1.25-1.90-1.51
1886 Mass	190	6 M.	60-60-60	1.60-1.80-1.73
1886 Italy	633	(a) M.	60-72 —	0.43-1.16- —
1887 Mass	190	3 M.	60-60-60	1.75-1.80-1.77
1887 Australia	420	(a) (a)	48-48-48	1.62-1.95- —
1888 N. J	326	21 M.	(a)	1.75-2.92-2.14
1888 N. Y.	331	4 M.	60-60-60	2.00-2.00-2.00
1888 Australia	430	(a) M.	48-48-48	1.62-1.95- —
1889 Mass	190	2 M.	60-60-60	1.75-1.75-1.75
1889 Australia	422	(a) (a)	48-48-48	1.70-1.95- —
1890 Mass	190	9 M.	60-60-60	1.62-1.90-1.77
1890 N. Y.	333	125 M.	(a)	1.75-3.00-2.96
1890 Australia	423	(a) (a)	48-48-48	1.70-1.95- —
1891 Mass	190	2 M.	60-60-60	1.70-1.75-1.73
1891 N. Y.	333	131 M.	(a)	1.75-3.00-2.93
1891 Belgium	457	(a) M.	60-72 —	.77-1.60- —
1891 France	505	(a) M.	60-60-60	.87- .87- .87
1891 Italy	638	(a) M.	72-72-72	.48- .77- —
1892 Mass	190	2 M.	60-60-60	1.50-2.25-1.88
1892 Australia	424	(a) M.	(a)	1.46-3.00- —
1892 England	119	(a) M.	(a)	1.46-1.46-1.46
1892 France	505	(a) M.	63-69 —	.64-1.54- —
1892 Russia	692	(a) (a)	(a)	.31-1.55- —
1893 Ohio	374	145 M.	60-60-60	1.58-2.20-1.73
1893 N. Zealand	668	(a) M.	(a)	2.19-2.19-2.19
1894 Iowa	236	1 M.	54-54-54	2.00-2.00-2.00
1894 Ohio	375	4 M.	60-60-60	2.00-2.00-2.00
1894 Australia	425	(a) (a)	(a)	2.27-2.47- —
1894 England	127	(a) M.	53-54 —	.81-1.09- —
1894 France	127	(a) M.	60-60-60	.87- .87- .87
1894 France	129	(a) M.	60-60-60	.77-3.19- —
1894 Germany	127	(a) M.	d 60-60-60	.74-1.00- —
1894 Italy	127	(a) M.	(a)	.54- .54- .54
1894 Netherl'ds	127	(a) M.	65-65-65	1.00-1.00-1.00
1894 N. Zealand	669	(a) M.	(a)	2.19-2.19-2.19
1894 Scotland	127	(a) M.	54-54-54	.77-1.10- —
1895 Me	8	1 M.	60-60-60	1.75-1.75-1.75
1895 N. Y.	8	2 M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	31 M.	60-60-60	1.50-2.00-1.97
1895 Australia	426	(a) (a)	(a)	2.27-2.47- —
1895 France	677	(a) (a)	60-60-60	.78-3.21- —
1895 N. Zealand	670	(a) M.	(a)	2.19-2.19-2.19
1896 Ohio	377	31 M.	56-60-59	1.66-2.20-1.91
1896 Australia	427	(a) (a)	(a)	1.42-1.95- —
1896 N. Zealand	671	(a) M.	(a)	2.19-2.19-2.19
1897 Australia	418	(a) (a)	(a)	2.19-2.19-2.19
1897 Australia	428	(a) (a)	(a)	1.22-1.87- —
1897 N. Zealand	672	(a) M.	(a)	2.19-2.19-2.19
1898 Australia	429	(a) (a)	e 48-48-48	1.22-2.19- —
1898 N. Zealand	673	(a) M.	(a)	2.27-2.27-2.27
1899 N. Zealand	674	(a) M.	(a)	2.19-2.19-2.19

FURNACE MEN, GAS WORKS.

1887	Ohio	369	9	M.	70-70-70	1.30-1.80-1.68	1892	Germany	559	(a)	M.	(a)	.64- .88- —
1888	N. Y.	331	6	M.	65-65-65	2.10-2.10-2.10	1893	Ohio	20	30	M.	84-84-84	1.75-2.00-1.83
1890	England	180	(a)	M.	84-84-84	1.22-1.22-1.22	1893	Germany	559	(a)	M.	(a)	.64- .88- —
1890	France	180	(a)	M.	84-84-84	2.30-2.90- —	1894	Ohio	20	5	M.	84-84-84	2.00-2.00-2.00
1890	Germany	180	(a)	M.	(a)	.71- .90- —	1894	Germany	559	(a)	M.	(a)	.62- .88- —
1891	Germany	559	(a)	M.	(a)	.64- .88- —	1895	Ohio	20	11	M.	70-84-83	1.75-2.00-1.82
1892	Ohio	20	27	M.	84-84-84	1.75-2.00-1.85	1895	Germany	559	(a)	M.	(a)	.64- .88- —

a Not reported.
b Average for 1867–68.
c Applies to but 2 of the 3 wage quotations.
d Applies to but 6 of the 8 wage quotations.
e Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURNACE MEN, GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1882 Italy	38	(a)	(a)	(a)	b2.32-2.32-2.32
1883 England	572	(a)	M.	54-72 —	.34-1.40- —
1884 Aust-Hun	178	(a)	M.	66-66-66	.29-1.21- —
1884 Belgium	178	(a)	M.	72-72-72	1.47-1.75- —
1884 England	178	(a)	M.	c59-59-59	1.10-1.62- —
1884 Italy	178	(a)	M.	60-60-60	2.32-2.32-2.32
1885 Pa	1	5	M.	60-60-60	2.21-2.50-2.44
1888 N. Y.	331	2	M.	60-60-60	1.67-1.67-1.67
1890 Ill	6	5	M.	(a)	1.51-2.35-2.11
1890 N. Y.	333	12	M.	(a)	1.86-1.86-1.86
1890 Ohio	6	4	M.	d84-84-84	2.00-2.00-2.00
1891 N. Y.	333	14	M.	(a)	1.86-1.86-1.86
1892 Ind	227	2	M.	63-63-63	1.87-1.87-1.87
1892 Ohio	373	14	M.	48-72-58	1.65-2.42-1.96
1892 France	505	(a)	M.	72-72-72	.77- .77- .77
1894 Ind	228	2	M.	48-48-48	1.87-1.87-1.87
1895 Canada	187	(a)	M.	45-54 —	1.46-1.46-1.46
1896 Pa	394	9	M.	60-60-60	1.49-2.30-1.84
1897 Ohio	377	13	M.	48-72-62	1.66-2.08-1.86

FURNACE MEN, IRON AND STEEL.

1850	England	563	(a)	M.	60-60-60	.97-1.70- —	1885	Gr't Brit	1	(a)	M.	72-72-72	1.60-1.60-1.60
1860	England	563	(a)	M.	60-60-60	.97-1.82- —	1886	Italy	633	(a)	M.	72-72-72	.48-1.06- —
1866	England	566	(a)	M.	e60-60-60	.73-2.43- —	1886	Scotland	67	(a)	M.	(a)	.91-1.83- —
(f)	England	567	(a)	M.	60-60-60	.73-1.46- —	1887	Conn	202	18	M.	(a)	1.57-1.57-1.57
1870	Italy	633	(a)	M.	(a)	.58- .58- .58	1887	Pa	390	3	M.	60-72-68	1.90-2.10-2.00
1871	England	568	(a)	M.	60-60-60	.85-1.22- —	1887	Wis	409	95	M.	(a)	2.00-2.00-2.00
1871	England	629	(a)	M.	59-59-59	2.03-2.03-2.03	1888	N. Y.	331	1	M.	59-59-59	2.50-2.50-2.50
1872	England	185	(a)	M.	g59-59-59	.81-2.43- —	1888	Australia	421	(a)	M.	48-48-48	1.62-1.95- —
1873	Pa	379	85	M.	72-72-72	1.95-1.95-1.95	1889	Del	5	12	M.	60-60-60	2.04-2.11-2.07
1873	Sweden	185	(a)	M.	84-84-84	h.53- .53- .53	1889	Pa	5	4	M.	(a)	1.75-2.00-1.86
1874	Pa	380	518	M.	i84-84-84	1.15-1.90-1.42	1889	Belgium	5	(a)	M.	(a)	.31- .73- —
1874	England	569	(a)	M.	54-54-54	1.46-1.46-1.46	1889	Scotland	5	(a)	M.	66-66-66	2.68-2.68-2.68
1876	Pa	381	127	M.	(a)	1.27-1.30-1.28	1890	N. Y.	333	106	M.	(a)	1.06-2.11-1.74
1877	England	570	(a)	M.	j50-66 —	1.05-2.43- —	1891	N. Y.	333	72	M.	(a)	1.06-1.73-1.50
1878	England	43	(a)	(a)	(a)	2.23-3.04- —	1891	Belgium	457	(a)	M.	l62-62-62	.64- .69- —
1880	England	571	(a)	M.	50-50-50	1.22-1.62- —	1891	Italy	632	(a)	M.	(a)	.29- .34- —
1882	Utah	2	12	M.	(a)	3.00-3.00-3.00	1892	England	632	(a)	M.	74-74-74	.97-1.70- —
1883	England	43	(a)	(a)	(a)	2.23-3.04- —	1892	France	505	(a)	M.	84-84-84	m.53- .68- —
1883	England	572	(a)	M.	60-60-60	1.54-1.62- —	1892	Scotland	632	(a)	M.	n84-84-84	.65-1.95- —
1883	Italy	633	(a)	M.	(a)	.68- .68- .68	1893	Mont	307	1	M.	(a)	4.00-4.00-4.00
1883	Scotland	43	(a)	(a)	72-72-72	1.20-1.20-1.20	1893	Gr't Brit	578	(a)	(a)	72-72-72	2.23-2.23-2.23
1884	N. J	323	19	M.	54-63-60	1.58-2.33-1.85	1893	Italy	639	(a)	M.	c72-72-72	.48- .77- —
1884	Aust-Hun	178	(a)	M.	63-63-63	k.33- .53- —	1895	England	591	(a)	M.	(a)	1.14-1.21- —
1884	Belgium	178	(a)	M.	60-60-60	.54- .58- —	1898	Ohio	18	5	M.	(a)	1.25-1.25-1.25
1884	England	178	(a)	M.	(a)	1.95-4.87- —	1898	Pa	18	14	M.	(a)	1.25-1.75-1.39
1885	Conn	2	60	M.	60-60-60	1.67-1.67-1.67	1899	Ohio	18	6	M.	(a)	1.50-1.50-1.50
1885	Del	1	4	M.	60-60-60	2.00-2.00-2.00	1899	Pa	18	13	M.	(a)	1.40-2.00-1.60

FURNACE MEN, LEAD AND ZINC.

1889	Mo	299	51	(a)	(a)	1.00-1.75-1.28	1891	Italy	632	(a)	M.	(a)	.39- .39- .39

FURNACE MEN'S HELPERS, FOUNDRY AND MACHINE SHOP.

1878	England	177	(a)	M.	(a)	1.01-1.46- —	1884	Wales	178	(a)	M.	54-54-54	.81- .81- .81
1883	England	572	(a)	M.	54-54-54	1.66-1.66-1.66	1887	Pa	390	34	M.	(a)	.60- .60- .60
1883	Gr't Brit	273	(a)	M.	(a)	.69- .73- —							

a Not reported.
b And lodging.
c Applies to but 3 of the 4 wage quotations.
d Not including hours of 1 person not reported.
e Applies to but 4 of the 7 wage quotations.
f Average for 1867–68.
g Applies to but 1 of the 5 wage quotations.
h And lodging and fuel.
i Not including hours of 501 persons not reported.
j Applies to but 5 of the 6 wage quotations.
k And rent.
l Applies to but 1 of the 2 wage quotations.
m And fuel.
n Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURNACE MEN'S HELPERS, IRON AND STEEL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 England ..	185	(a) M.	(a)	0.81-0.81-0.81	1889 N. Y.....	5	2 M.	72-72-72	2.13-2.31-2.22
1888 N. Y.....	331	3 M.	59-60-60	1.45-1.95-1.62	1892 France....	505	(a) M.	63-63-63	.87- .92- —

FURNACE MEN, TIN PLATE.

1894 Gr't Brit ..	584	(a) M.	(a)	1.89-1.89-1.89	1895 Gr't Brit ..	585	(a) M.	(a)	1.35-1.50- —

FURNACE TENDERS.

1849 England ..	563	(a) M.	(a)	.73- .81- —	1890 N. Y.....	333	1 M.	(a)	2.25-2.25-2.25
1859 England ..	563	(a) M.	58-58-58	.81- .89- —	1891 N. Y.....	333	2 M.	(a)	2.00-2.25-2.13
1872 Germany .	185	(a) M.	60-60-60	.72- .72- .72	1892 England ..	632	(a) M.	72-72-72	1.40-1.64- —
1877 Pa	382	4 M.	48-48-48	3.90-3.90-3.90	1892 Russia	692	(a) (a)	(a)	.29- .92- —
1878 Pa	383	4 M.	48-48-48	3.55-3.55-3.55	1893 N. Y.....	10	1 M.	48-48-48	.77- .77- .77
1883 Scotland ..	43	(a) (a)	72-72-72	1.73-1.73-1.73	1893 Ohio	374	1 M.	60-60-60	1.25-1.25-1.25
1884 Cuba.....	178	(a) M.	48-48-48	1.07-1.07-1.07	1894 Ohio	375	2 M.	60-60-60	1.52-2.00-1.76
1887 Md.....	4	1 M.	(a)	1.75-1.75-1.75	1894 W. Va	406	2 M.	60-60-60	1.35-1.85-1.60
1887 N. Y.....	4	1 M.	(a)	1.40-1.40-1.40	1894 France....	129	(a) M.	60-60-60	.97-2.70- —
1887 Ohio	369	39 M.	60-60-60	1.75-2.00-1.84	1895 N. Y.....	8	8 M.	60-60-60	2.00-2.00-2.00
1888 N. Y.....	331	1 M.	59-59-59	1.50-1.50-1.50	1895 Ohio	376	5 M.	60-60-60	1.75-2.25-1.99
1889 Portugal ..	691	(a) (a)	(a)	.76- .76- .76	1897 Conn.....	8	2 M.	60-60-60	1.75-1.75-1.75
1890 Mich.....	282	3 M.	60-60-60	1.50-2.25-1.83					

FURNACE TENDER'S HELPERS.

1877 Pa	382	21 M.	48-48-48	.80-1.90-1.69	1892 England ..	632	(a) M.	72-72-72	.75- .91- —
1878 Pa	383	17 M.	48-48-48	1.80-1.80-1.80					

FUR NAILERS.

1875 N. Y.....	7	3 M.	72-72-72	2.00-2.50-2.17	1890 N. Y.....	333	103 M.	(a)	.83-4.00-1.84
1881 N. J	7	2 M.	59-59-59	1.67-2.00-1.83	1891 N. Y.....	333	144 M.	(a)	1.00-4.00-2.07
1884 N. J	7	1 M.	(a)	2.33-2.33-2.33	1891 France....	505	(a) M.	54-54-54	1.35-1.35-1.35
1885 Ill.....	7	2 M.	54-60-57	2.00-2.50-2.25	1895 Ill.....	7	2 M.	54-54-54	2.00-2.50-2.25
1885 N. Y.....	7	1 M.	(a)	1.33-1.33-1.33	1895 N. J	7	4 M.	53-54-54	1.67-3.50-2.63
1886 Mich.....	7	6 M.	60-60-60	1.50-1.83-1.67	1895 N. Y.....	7	10 M.	54-60-57	1.50-2.50-2.03
1888 N. Y.....	331	12 M.	54-60-58	1.50-2.50-2.26	1896 Mich.....	7	7 M.	54-54-54	1.50-2.33-1.71

FURNITURE MAKERS.

1861 Italy	610	(a) M.	(a)	.36- .36- .36	1878 Germany..	177	(a) F.	(a)	.23- .23- .23
1870 Italy	610	(a) (a)	(a)	.19- .97- —	1881 Mass	8	1 M.	60-60-60	2.00-2.00-2.00
1873 Germany..	177	(a) M.	(a)	.91- .91- .91	1884 Aust-Hun .	178	(a) M.	63-63-63	.49-1.13- —
1873 Germany..	177	(a) F.	(a)	.24- .24- .24	1884 Germany..	178	(a) M.	(a)	.48-1.19- —
1874 Germany..	177	(a) M.	(a)	.75- .75- .75	1885 Mass	8	2 M.	60-60-60	2.00-2.00-2.00
1874 Germany..	177	(a) F.	(a)	.23- .23- .23	1886 Argentina.	57	(a) M.	(a)	1.40-3.20- —
1875 Germany..	177	(a) M.	(a)	.75- .75- .75	1886 Germany..	184	(a) M.	(a)	.79- .79- .79
1875 Germany..	177	(a) F.	(a)	.23- .23- .23	1890 Netherl'ds	666	(a) M.	(a)	.50- .80- —
1876 Germany..	177	(a) M.	(a)	.60- .60- .60	1890 Netherl'ds	666	(a) M.	(a)	c .04- .08½- —
1876 Germany..	177	(a) F.	(a)	.23- .23- .23	1891 France....	102	(a) M.	60-60-60	1.16-1.16-1.16
1877 Germany..	177	(a) M.	(a)	.54- .54- .54	1892 Germany..	184	(a) M.	(a)	.95- .95- .95
1877 Germany..	177	(a) F.	(a)	.23- .23- .23	1894 Netherl'ds	184	(a) (a)	(a)	c.07- .07- .07
1878 Germany..	177	(a) M.	(a)	.51- .51- .51	1895 Greece	137	(a) (a)	(a)	.44- .77- —

a Not reported. b And board. c Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FURRIERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1860 Germany	185	(a) M.	(a)	0.26-0.26-0.26
1864 Germany	185	(a) M.	(a)	.30- .30- .30
1864 Germany	610	(a) M.	(a)	.41- .41- .41
1865 Germany	185	(a) M.	(a)	.40- .40- .40
1866 Germany	185	(a) M.	(a)	.40- .40- .40
1868 Germany	185	(a) M.	(a)	.60- .60- .60
1868 Germany	185	(a) M.	(a)	b .36- .36- .36
1868 Germany	610	(a) M.	(a)	.37- .37- .37
1870 Germany	610	(a) M.	72-72-72	.18- .61- —
1870 Germany	610	(a) M.	72-72-72	b .71- .81- —
1870 Germany	610	(a) F.	72-72-72	.12- .40- —
1871 Germany	185	(a) M.	(a)	.24- .54- —
1871 Germany	185	(a) M.	(a)	b .30- .30- .30
1873 Germany	177	(a) M.	(a)	.52- .52- .52
1873 Germany	177	(a) F.	(a)	.24- .24- .24
1873 Sweden	185	(a) M.	72-72-72	.80- .80- .80
1873 Sweden	185	(a) F.	72-72-72	.35- .62- —
1874 Germany	177	(a) M.	(a)	.55- .55- .55
1874 Germany	177	(a) F.	(a)	.27- .27- .27
1875 Germany	177	(a) M.	(a)	.59- .59- .59
1875 Germany	177	(a) F.	(a)	.32- .32- .32
1875 Norway	684	(a) M.	(a)	.63- .94- —
1875 Norway	686	(a) M.	(a)	.60- .60- .60
1876 Germany	177	(a) M.	(a)	.65- .65- .65
1876 Germany	177	(a) F.	(a)	.35- .35- .35
1877 Germany	177	(a) M.	(a)	.59- .59- .59
1877 Germany	177	(a) F.	(a)	.32- .32- .32
1878 Germany	177	(a) M.	(a)	.59- .59- .59
1878 Germany	177	(a) F.	(a)	.32- .32- .32
1879 Germany	545	(a) M.	57-57-57	.48- .79- —
1880 Germany	546	(a) M.	(a)	.48- .71- —
1880 Norway	685	(a) M.	(a)	.54- .89- —
1880 Norway	686	(a) M.	(a)	.61- .61- .61
1881 Germany	178	(a) M.	(a)	.60- .60- .60
1883 Mich.	277	3 M.	(a)	1.50-2.00-1.75
1883 Germany	47	(a) M.	78-78-78	.60- .60- .60
1883 Germany	555	(a) (a)	66-66-66	.48- .79- —
1883 Germany	555	(a) (a)	66-66-66	b .12- .24- —
1884 Aust-Hun.	178	(a) M.	60-72 —	.40-1.00- —
1884 Belgium	178	(a) M.	c 60-72 —	.50-1.58- —
1884 Canada	178	(a) (a)	d 48-60 —	.33-4.17- —
1884 Denmark	178	(a) M.	60-60-60	.72-1.34- —
1884 England	178	(a) M.	e 57-57-57	1.22-2.03- —
1884 France	178	(a) M.	60-66 —	.97-1.61- —
1884 Germany	178	(a) M.	f 60-72 —	.48-1.31- —
1884 Germany	556	(a) (a)	60-66 —	.48- .71- —
1884 Germany	556	(a) (a)	66-66-66	b .20- .20- .20
1884 Ireland	178	(a) M.	g 56-56-56	1.14-1.42- —
1884 Italy	178	(a) M.	h 60-72 —	.20- .97- —
1884 Mexico	134	(a) (a)	60-60-60	.61- .61- .61
1884 Mexico	178	(d) (a)	(a)	1.50-2.00- —
1884 Morocco	178	(a) (a)	60-72 —	.20- .80- —
1884 Netherl'ds	178	(a) M.	60-60-60	.53- .80- —
1884 Russia	178	(a) M.	60-78 —	.25-1.29- —
1884 Russia	178	(a) M.	72-72-72	b .22- .64- —
1884 Scotland	178	(a) M.	i 51-56 —	1.02-1.40- —
1884 Spain	178	(a) M.	60-63 —	.36-1.20- —
1884 Switzerl'd.	178	(a) M.	j 66-66-66	.58- .96- —
1884 Turkey	178	(a) M.	(a)	.66- .88- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.41-4.80- —
1884 Venezuela	178	(a) (a)	(a)	2.00-2.50- —
1885 Canada	467	(a) F.	51-51-51	0.66-0.66-0.66
1885 Germany	547	(a) (a)	(a)	.30- .95- —
1885 Norway	686	(a) M.	(a)	.68- .68- .68
1886 Cal.	193	3 M.	60-60-60	2.00-2.00-2.00
1886 Ill	208	27 (a)	57-57-57	2.17-2.17-2.17
1886 N. Y.	2	84 (a)	57-57-57	2.57-2.57-2.57
1886 N. Y.	331	211 M.	(a)	3.00-3.50-3.38
1886 Argentina	57	(a) M.	60-60-60	2.33-2.67- —
1886 Aust-Hun.	184	(a) (a)	(a)	.65- .81- —
1886 Germany	548	(a) (a)	(a)	.60-1.07- —
1886 Germany	548	(a) (a)	(a)	b .20- .28- —
1887 Wis	409	20 M.	(a)	2.10-3.20-3.01
1887 Canada	178	(a) M.	60-60-60	4.17-4.17-4.17
1888 Aust-Hun.	447	(a) M.	(a)	.21- .28- —
1888 Germany	558	(a) (a)	60-60-60	.60-1.19- —
1889 Canada	471	(a) M.	54-54-54	2.08-2.08-2.08
1889 Canada	471	(a) F.	53-53-53	.82- .82- .82
1889 Germany	550	(a) M.	(a)	.83-1.19- —
1890 Minn	292	24 M.	(a)	1.35-2.65-1.95
1890 N. Y.	333	88 M.	(a)	1.00-3.00-1.39
1890 Netherl'ds	666	(a) M.	(a)	k .05- .05- .05
1890 Norway	686	(a) M.	(a)	.71- .71- .71
1891 N. Y.	333	31 M.	(a)	.67-3.33-2.02
1891 Australia	134	(a) M.	(a)	2.03-2.03-2.03
1891 China	105	(a) (a)	(a)	.39- .39- .39
1891 France	505	(a) M.	70-70-70	1.54-1.93- —
1891 Germany	551	(a) (a)	(a)	.40-1.19- —
1892 Denmark	595	(a) M.	(a)	.99- .99- .99
1892 France	505	(a) M.	63-63-63	.43-1.54- —
1892 Italy	112	(a) M.	66-66-66	.50-1.00- —
1892 Spain	134	(a) (a)	(a)	.50- .50- .50
1893 Ill.	10	4 M.	48-60-56	1.33-2.50-2.00
1893 Ohio	374	12 M.	54-57-55	1.75-4.00-2.94
1893 Pa	10	1 M.	60-60-60	2.50-2.50-2.50
1893 Aust-Hun.	448	(a) M.	66-66-66	.34-1.02- —
1893 Aust-Hun.	448	(a) M.	66-66-66	b .08- .34- —
1894 Ohio	375	7 M.	57-57-57	1.83-4.16-3.16
1894 Ohio	375	7 F.	54-54-54	.94- .94- .94
1894 Australia	425	(a) (a)	(a)	2.03-2.11- —
1894 France	129	(a) F.	(a)	.58- .77- —
1894 France	506	(a) M.	60-60-60	.77-1.74- —
1894 France	508	(a) M.	54-54-54	1.74-1.74-1.74
1894 France	508	(a) F.	54-54-54	.58- .68- —
1894 France	508	(a) (a)	54-54-54	.22- .22- .22
1895 Ohio	376	4 M.	57-57-57	4.16-4.16-4.16
1895 Australia	426	(a) (a)	(a)	2.03-2.11- —
1895 Norway	687	(a) M.	(a)	.75- .75- .75
1895 Norway	690	(a) M.	(a)	.67- .67- .67
1896 N. Y.	336	55 M.	(a)	1.00-3.67-2.06
1896 Ohio	377	5 M.	54-54-54	3.00-3.00-3.00
1896 Pa	7	1 M.	53-53-53	3.00-3.00-3.00
1896 Australia	427	(a) (a)	(a)	1.62-2.11- —
1896 Aust-Hun.	436	(a) (a)	60-60-60	.68-1.35- —
1896 Belgium	184	(a) (a)	(a)	1.06-1.06-1.06
1897 N. Y.	337	25 M.	60-60-60	2.78-2.78-2.78
1897 Australia	428	(a) (a)	(a)	1.12-2.43- —
1898 N. Y.	337	95 M.	54-60-59	2.00-2.50-2.19
1898 Australia	429	(a) (a)	(a)	1.12-2.43- —
1898 Denmark	493	(a) M.	(a)	.80-1.41- —
1898 Denmark	493	(a) F.	(a)	.20- .62- —

a Not reported.
b And board and lodging.
c Applies to but 6 of the 8 wage quotations.
d Applies to but 19 of the 25 wage quotations.
e Applies to but 8 of the 11 wage quotations.
f Applies to but 53 of the 60 wage quotations.
g Applies to but 2 of the 3 wage quotations.
h Applies to but 11 of the 15 wage quotations.
i Applies to but 4 of the 6 wage quotations.
j Applies to but 4 of the 7 wage quotations.
k Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

FUR SEWERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Mass	267	86 (a)	60-60-60	2.00-2.50-2.19	1889 Canada	471	(a) F.	50-50-50	0.58-0.58-0.58
1879 Germany	545	(a) F.	b57-57-57	.28- .48- —	1889 Germany	550	(a) F.	(a)	.40- .71- —
1881 N. J	7	11 F.	59-59-59	.42-1.67- .90	1890 N. Y.	333	165 M.	(a)	.83-1.50-1.26
1884 N. J	7	3 F.	(a)	1.17-1.67-1.44	1890 N. Y.	333	10 F.	(a)	.50-1.25- .88
1884 Pa	3	1 F.	(a)	1.00-1.00-1.00	1891 Mich.	283	39 F.	(a)	.66- .91- .83
1884 Wis	7	34 F.	(a)	.83-1.33-1.07	1891 N. Y.	333	149 M.	(a)	.83-1.75-1.23
1884 Canada	178	(a) (a)	64-64-64	.58- .83- —	1891 N. Y.	333	18 F.	(a)	.75-1.33-1.21
1884 Persia	178	(a) (a)	(a)	.81- .81- .81	1891 France	505	(a) F.	54-70 —	.43- .77- —
1885 Ill	7	4 F.	54-54-54	.83-1.00- .92	1892 Ill.	210	14 F.	51-51-51	.61-1.66-1.22
1885 N. Y.	7	60 F.	c57-57-57	.75-1.50-1.08	1893 Ill.	10	1 F.	60-60-60	.67- .67- .67
1885 Pa	3	1 F.	(a)	1.00-1.00-1.00	1893 N. Y.	10	7 F.	54-58-55	.83-1.50-1.10
1885 Wis	7	5 M.	59-59-59	1.58-2.72-2.18	1893 Ohio	374	42 F.	54-57-54	1.25-2.00-1.68
1885 Wis	7	8 F.	59-59-59	.78-1.62-1.20	1893 Pa	10	1 M.	60-60-60	1.17-1.17-1.17
1886 Cal	193	11 F.	60-60-60	.83- .83- .83	1893 Pa	10	3 F.	57-60-59	.50-1.17- .83
1886 Md	3	5 F.	45-45-45	.18- .83- .46	1894 Ohio	375	33 F.	54-57-55	1.25-2.00-1.52
1886 Mich	7	23 F.	60-60-60	.99-1.33-1.14	1894 France	129	(a) F.	(a)	.48- .68- —
1886 N. J	3	4 F.	57-57-57	.67-1.00- .92	1895 Ill.	7	2 F.	54-54-54	1.00-1.00-1.00
1886 N. Y.	3	2 F.	58-58-58	.94-1.17-1.06	1895 N. J	7	8 F.	53-54-53	.42-1.67-1.22
1886 Pa	3	5 F.	d53-54-54	1.00-1.17-1.10	1895 N. Y.	7	11 F.	54-54-54	.67-1.50-1.20
1887 Ill.	3	9 F.	51-59-54	.50-2.00-1.14	1895 Ohio	376	27 F.	54-57-55	.93-1.33-1.16
1887 Mass	3	17 F.	48-60-54	.67-1.83-1.07	1895 Wis	7	3 M.	59-59-59	2.04-2.81-2.51
1887 Minn	3	13 F.	d53-60-58	.50-1.17- .90	1895 Wis	7	90 F.	54-59-55	.42-1.89-1.01
1887 N. Y.	3	23 F.	51-57-55	.33-1.75-1.01	1896 Ill.	7	3 F.	54-54-54	1.08-1.67-1.36
1887 Ohio	3	18 M.	e51-59-54	.42-1.50- .90	1896 Mich.	7	30 F.	54-54-54	.76-1.55-1.14
1887 Wis	409	5 (a)	(a)	1.00-1.00-1.00	1896 N. Y.	7	19 F.	57-60-59	.83-1.67-1.11
1887 Germany	557	(a) F.	60-60-60	.28- .60- —	1896 Ohio	377	8 F.	54-54-54	1.22-1.22-1.22
1888 N. Y.	331	15 M.	(a)	.80- .80- .80	1896 Pa	7	10 F.	53-53-53	1.00-2.00-1.33
1888 N. Y.	331	51 F.	53-60-55	1.25-2.50-1.51	1897 Australia	428	(a) (a)	(a)	.41-1.01- —
1888 Canada	470	(a) M.	54-54-54	.59- .59- .59	1898 Australia	429	(a) (a)	(a)	.41-1.01- —
1888 Germany	558	(a) F.	60-63 —	.36- .60- —					

FUSTIAN CUTTERS.

1810	England	572	(a)	(a)	(a)	.57- .57- .57	1819	England	572	(a)	(a)	(a)	.57- .57- .57
1811	England	572	(a)	(a)	(a)	.57- .57- .57	1820	England	572	(a)	(a)	(a)	.57- .57- .57
1812	England	572	(a)	(a)	(a)	.57- .57- .57	1821	England	572	(a)	(a)	(a)	.65- .65- .65
1813	England	572	(a)	(a)	(a)	.57- .57- .57	1822	England	572	(a)	(a)	(a)	.36- .36- .36
1814	England	572	(a)	(a)	(a)	.57- .57- .57	1823	England	572	(a)	(a)	(a)	.65- .65- .65
1815	England	572	(a)	(a)	(a)	.57- .57- .57	1824	England	572	(a)	(a)	(a)	.65- .65- .65
1816	England	572	(a)	(a)	(a)	.57- .57- .57	1825	England	572	(a)	(a)	(a)	.85- .85- .85
1817	England	572	(a)	(a)	(a)	.57- .57- .57	1832	England	572	(a)	(a)	(a)	.41- .49- —
1818	England	572	(a)	(a)	(a)	.57- .57- .57							

GAFFERS, GLASS.

1883	N. J	322	20	M.	d50-54-52	3.40-5.50-4.47	1888	N. Y.	331	27	M.	50-55-51	3.67-4.00-3.74
1884	N. J	323	20	M.	45-54-51	2.30-6.00-4.62	1888	N. Y.	331	20	M.	(a)	f.40- .40- .40
1885	N. J	324	9	M.	d48-54-50	3.00-5.70-4.83	1890	N. Y.	6	32	M.	(a)	4.00-4.00-4.00
1886	N. J	325	11	M.	45-54-53	2.00-5.75-4.31	1895	Canada	187	(a)	(a)	45-54 —	2.50-3.50- —
1888	N. J	326	16	M.	48-54-51	3.50-6.00-4.90							

GAGGERS, IRON AND STEEL.

1876	Pa	381	8	M.	(a)	2.00-2.00-2.00	1888	England	5	(a)	M.	(a)	.37- .97- —
1878	Pa	383	12	M.	(a)	2.50-2.50-2.50	1889	Ill.	5	6	M.	72-72-72	1.50-1.50-1.50
1885	N. Y.	1	16	M.	72-72-72	2.52-2.52-2.52	1889	Pa	5	6	M.	66-66-66	1.75-1.75-1.75
1887	Pa	390	8	M.	(a)	2.29-2.29-2.29							

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c Not including hours of 51 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 3 persons not reported.
f Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GALLERY REPAIRERS, COAL MINING.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1855 Belgium ..	598	(a)	(a)	(a)	0.29-0.29-0.29	1873 Belgium ..	598	(a)	(a)	(a)	0.69-0.69-0.69
1856 Belgium ..	598	(a)	(a)	(a)	.23- .23- .23	1874 Belgium ..	598	(a)	(a)	(a)	.70- .70- .70
1857 Belgium ..	598	(a)	(a)	(a)	.27- .27- .27	1875 Belgium ..	598	(a)	(a)	(a)	.57- .57- .57
1858 Belgium ..	598	(a)	(a)	(a)	.30- .30- .30	1876 Belgium ..	598	(a)	(a)	(a)	.83- .83- .83
1859 Belgium ..	598	(a)	(a)	(a)	.30- .30- .30	1877 Belgium ..	598	(a)	(a)	(a)	.50- .50- .50
1860 Belgium ..	598	(a)	(a)	(a)	.31- .31- .31	1878 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52
1861 Belgium ..	598	(a)	(a)	(a)	.31- .31- .31	1879 Belgium ..	598	(a)	(a)	(a)	.47- .47- .47
1862 Belgium ..	598	(a)	(a)	(a)	.31- .31- .31	1880 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52
1863 Belgium ..	598	(a)	(a)	(a)	.35- .35- .35	1881 Belgium ..	598	(a)	(a)	(a)	.56- .56- .56
1864 Belgium ..	598	(a)	(a)	(a)	.40- .40- .40	1882 Belgium ..	598	(a)	(a)	(a)	.57- .57- .57
1865 Belgium ..	598	(a)	(a)	(a)	.39- .39- .39	1883 Belgium ..	598	(a)	(a)	(a)	.55- .55- .55
1866 Belgium ..	598	(a)	(a)	(a)	.47- .47- .47	1884 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52
1867 Belgium ..	598	(a)	(a)	(a)	.53- .53- .53	1885 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52
1868 Belgium ..	598	(a)	(a)	(a)	.55- .55- .55	1886 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52
1869 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52	1889 Germany ..	534	(a)	(a)	(a)	.83- .89- —
1870 Belgium ..	598	(a)	(a)	(a)	.53- .53- .53	1890 Belgium ..	5	(a)	M.	(a)	.72- .97- —
1871 Belgium ..	598	(a)	(a)	(a)	.52- .52- .52	1892 France....	505	(a)	M.	54-57 —	.63-1.06- —
1872 Belgium ..	598	(a)	(a)	(a)	.55- .55- .55						

GALLEY HANDS, PRINTING AND PUBLISHING.

1884 Germany .	556	(a)	(a)	54-54-54	.71- .71- .71	1895 Mass	7	2	M.	48-48-48	1.00-1.50-1.25
1885 Mass	7	1	M.	54-54-54	1.67-1.67-1.67	1895 N. Y.....	8	3	M.	54-54-54	.92-1.08-1.00
1888 Germany .	558	(a)	(a)	60-60-60	.71- .71- .71						

GALVANIZERS.

1839 England ..	562	(a)	M.	59-59-59	1.01-1.01-1.01	1890 Mich.....	282	4	M.	60-60-60	1.25-3.25-1.94
1849 England ..	562	(a)	M.	59-59-59	1.01-1.01-1.01	1890 N. Y.....	333	27	M.	(a)	1.91-1.91-1.91
1850 England ..	45	(a)	M.	(a)	3.24-3.24-3.24	1891 N. Y.....	333	28	M.	(a)	1.83-2.50-1.93
1859 England ..	562	(a)	M.	59-59-59	1.01-1.01-1.01	1891 France....	505	(a)	M.	66-66-66	.63-1.25- —
1860 England ..	45	(a)	M.	(a)	2.03-2.03-2.03	1892 Australia..	424	(a)	M.	(a)	2.39-3.85- —
1870 England ..	45	(a)	M.	(a)	2.03-2.03-2.03	1892 Russia	692	(a)	(a)	(a)	.90- .90- .90
1877 England ..	45	(a)	M.	(a)	1.74-1.74-1.74	1894 Ohio	375	65	M.	60-60-60	1.60-2.00-1.66
1883 England ..	45	(a)	M.	(a)	1.62-1.62-1.62	1894 Australia..	425	(a)	(a)	(a)	1.62-2.64- —
1884 Australia .	178	(a)	(a)	48-48-48	2.43-2.43-2.43	1894 France ..	129	(a)	M.	60-60-60	.92- .92- .92
1884 England ..	178	(a)	M.	(a)	1.62-1.62-1.62	1895 Ohio	376	87	M.	c48-60-58	1.70-5.00-2.34
1885 Cal.....	1	13	M.	60-60-60	2.62-2.62-2.62	1895 Australia .	426	(a)	(a)	(a)	1.62-2.64- —
1885 Ohio	1	95	M.	60-60-60	1.08-1.08-1.08	1896 Ohio	377	80	M.	d60-60-60	1.48-2.50-1.75
1886 Mass	2	25	M.	60-60-60	1.00-1.00-1.00	1896 Australia .	184	(a)	M.	(a)	1.62-2.68- —
1886 Australia .	184	(a)	M.	(a)	2.03-2.43- —	1896 Australia .	427	(a)	(a)	(a)	1.82-2.64- —
1887 Pa	4	6	M.	(a)	.80-1.53-1.41	1896 France....	505	(a)	M.	60-60-60	.77- .77- .77
1887 Pa	4	10	M.	(a)	b.07- .15- .12	1897 Ohio	377	3	(a)	60-60-60	2.12-4.00-2.75
1887 Germany .	557	(a)	(a)	57-60 —	.60-1.19- —	1897 Australia .	428	(a)	(a)	(a)	1.01-2.84- —
1888 N. Y.....	331	52	M.	55-60-59	1.67-3.00-2.01	1897 France....	511	(a)	M.	63-63-63	.77-1.16- —
1888 Germany .	558	(a)	(a)	57-60 —	.60-1.19- —	1898 Australia .	429	(a)	(a)	(a)	1.01-2.84- —
1889 Ohio	5	13	M.	60-60-60	1.40-1.40-1.40						

GANGMEN, LUMBER.

1885 Pa	7	3	M.	c60-60-60	1.50-1.60-1.57	1895 Pa	7	2	M.	60-60-60	1.50-1.50-1.50
1894 Me.....	260	2	M.	60-66-63	1.75-2.50-2.13	1895 Canada ...	187	(a)	M.	60-60-60	1.40-1.80- —

GANTRY BRAKEMEN, IRONSTONE MINING.

1892 England ..	632	(a)	M.	72-72-72	.89- .93- —	....	.....	....	....	...	.....	.....

a Not reported.
b Per hour.
c Not including hours of 2 persons not reported.
d Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GANTRY ENGINEMEN, IRONSTONE MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	England ..	632	(a)	M.	72-72-72	0.87-1.42- —

GANTRYMEN, IRONSTONE MINING.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	England ..	632	(a)	M.	72-72-72	.77- .97- —

GARTER MAKERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	N. Y.	3	1	F.	53-53-53	.33- .33- .33
1893	N. Y.	10	2	F.	60-60-60	.83- .83- .83

GAS AND STEAM FITTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1858	Mass	190	3	M.	60-60-60	1.50-1.83-1.61
1859	Mass	190	4	M.	60-60-60	1.50-1.83-1.67
1860	Mass	190	7	M.	60-60-60	1.40-2.00-1.63
1861	Mass	190	6	M.	60-60-60	1.50-2.00-1.81
1862	Mass	190	10	M.	60-60-60	1.50-2.50-2.20
1863	Mass	190	5	M.	60-60-60	1.63-2.50-2.08
1864	Mass	190	6	M.	60-60-60	1.67-2.25-1.99
1865	Mass	190	4	M.	60-60-60	2.00-2.50-2.19
1866	Mass	190	7	M.	60-60-60	1.75-2.75-2.11
1867	Mass	190	6	M.	60-60-60	1.50-2.83-2.39
1868	Mass	190	10	M.	60-60-60	1.50-3.00-2.20
1869	Mass	190	5	M.	60-60-60	1.50-3.00-2.10
1870	Mass	190	6	M.	60-60-60	1.50-3.00-2.13
1871	Mass	190	9	M.	60-60-60	1.50-3.00-2.19
1872	Mass	190	12	M.	60-60-60	1.50-3.00-2.08
1873	Mass	190	14	M.	60-60-60	1.50-3.00-2.00
1874	Mass	190	15	M.	60-60-60	1.50-3.00-2.07
1875	Mass	190	9	M.	60-60-60	1.50-3.00-2.16
1876	Mass	190	8	M.	60-60-60	1.50-3.00-2.14
1877	Mass	190	7	M.	60-60-60	1.40-3.00-2.10
1878	Mass	190	6	M.	60-60-60	1.50-3.00-2.00
1878	Pa	383	2	M.	48-48-48	2.20-2.20-2.20
1879	Mass	190	8	M.	60-60-60	1.50-3.00-1.93
1880	Mass	190	9	M.	60-60-60	1.50-3.00-2.21
1881	Mass	190	11	M.	60-60-60	1.50-3.00-2.04
1882	Mass	190	17	M.	60-60-60	1.50-3.50-1.91
1882	Mo	294	1	M.	60-60-60	3.00-3.00-3.00
1883	Mass	190	20	M.	60-60-60	1.50-3.00-2.15
1884	Mass	190	12	M.	60-60-60	1.50-3.00-2.24
1884	Ohio	366	1	M.	59-59-59	3.50-3.50-3.50
1884	Canada	178	(a)	(a)	60-60-60	1.50-2.17- —
1885	Mass	190	18	M.	60-60-60	1.50-3.00-2.19
1885	Canada	467	(a)	M.	61-61-61	1.72-1.76- —
1886	Mass	190	20	M.	60-60-60	1.50-3.00-2.14
1886	N. Y	2	18	M.	60-60-60	2.75-2.75-2.75
1887	Mass	190	21	M.	60-60-60	1.50-2.75-1.84
1887	Ohio	369	137	M.	60-60-60	2.75-3.00-2.99
1887	Pa	4	4	M.	(a)	1.75-2.50-2.06
1887	Wis	409	14	M.	(a)	2.06-3.00-2.13
1888	Mass	190	19	M.	60-60-60	1.50-2.75-2.09
1888	N. Y	331	21	M.	53-60-59	2.25-3.00-2.70
1888	Canada	470	(a)	M.	53-53-53	2.01-2.01-2.01
1889	Mass	190	20	M.	60-60-60	1.50-3.00-2.18
1889	Wis	410	4	M.	(a)	1.84-2.96-2.35
1890	Mass	190	21	M.	60-60-60	1.50-2.75-2.07
1890	Minn	292	36	M.	(a)	1.50-2.75-2.47
1891	Mass	190	23	M.	60-60-60	1.50-2.75-1.99
1892	Mass	190	14	M.	60-60-60	2.00-2.50-2.29
1893	N. H	315	5	M.	55-60-59	2.00-3.00-2.45
1893	Wis	412	205	M.	(a)	b .10- .40- .20
1896	Md	14	46	M.	54-54-54	2.50-2.50-2.50
1896	N. Y	14	154	M.	48-60-48	2.75-3.50-3.41
1896	Pa	14	705	M.	48-60-59	1.50-3.00-2.58

GAS AND STEAM FITTERS' HELPERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1858	Mass	190	1	M.	60-60-60	1.25-1.25-1.25
1859	Mass	190	2	M.	60-60-60	1.14-1.25-1.20
1861	Mass	190	1	M.	60-60-60	1.00-1.00-1.00
1862	Mass	190	2	M.	60-60-60	1.25-1.38-1.32
1863	Mass	190	2	M.	60-60-60	.50-1.25- .88
1864	Mass	190	4	M.	60-60-60	.75-1.34-1.02
1865	Mass	190	4	M.	60-60-60	.75-1.00- .88
1866	Mass	190	5	M.	60-60-60	.75-1.00- .85
1867	Mass	190	3	M.	60-60-60	.75-1.00- .83
1868	Mass	190	2	M.	60-60-60	.75-1.00- .88
1869	Mass	190	1	M.	60-60-60	.75- .75- .75
1870	Mass	190	2	M.	60-60-60	1.00-1.00-1.00
1871	Mass	190	3	M.	60-60-60	1.00-1.25-1.17
1872	Mass	190	4	M.	60-60-60	.75-1.00- .88
1873	Mass	190	3	M.	60-60-60	1.00-1.25-1.14
1874	Mass	190	4	M.	60-60-60	.75-1.25- .94
1875	Mass	190	4	M.	60-60-60	1.00-1.25-1.15
1876	Mass	190	5	M.	60-60-60	.75-1.34-1.13
1877	Mass	190	3	M.	60-60-60	.50-1.33- .94
1878	Mass	190	2	M.	60-60-60	.75-1.00- .88
1879	Mass	190	3	M.	60-60-60	.50-1.25- .92
1880	Mass	190	6	M.	60-60-60	.50-1.25-1.04
1881	Mass	190	5	M.	60-60-60	.67-1.33-1.10
1882	Mass	190	5	M.	60-60-60	.67-1.25-1.05
1883	Mass	190	2	M.	60-60-60	1.17-1.25-1.21
1884	Mass	190	1	M.	60-60-60	1.00-1.00-1.00
1885	Mass	190	1	M.	60-60-60	1.00-1.00-1.00
1886	Mass	190	2	M.	60-60-60	1.00-1.25-1.13
1887	Mass	190	2	M.	60-60-60	1.00-1.25-1.13
1888	Mass	190	2	M.	60-60-60	1.25-1.25-1.25
1888	N. Y	331	5	M.	59-59-59	2.00-2.00-2.00
1889	Mass	190	2	M.	60-60-60	1.00-1.25-1.13
1890	Mass	190	2	M.	60-60-60	1.25-1.25-1.25
1892	Mass	190	15	M.	60-60-60	1.50-1.50-1.50
1896	N. Y	14	170	M.	48-48-48	1.50-2.00-1.95
1896	Pa	14	18	M.	54-60-55	1.50-1.93-1.53

a Not reported. b Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GAS FITTERS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1840	England	564	(a)	(a)	63-63-63	0.73-0.73-0.73
1840	Scotland	563	(a)	(a)	60-60-60	.81- .81- .81
1850	Conn	8	3	M.	60-60-60	1.50-1.50-1.50
1850	Mass	8	1	M.	60-60-60	1.75-1.75-1.75
1850	England	564	(a)	(a)	63-63-63	.89- .89- .89
1850	Scotland	563	(a)	(a)	60-60-60	.85- .85- .85
1855	England	561	(a)	(a)	(a)	1.01-1.01-1.01
1856	England	561	(a)	(a)	(a)	1.01-1.01-1.01
1857	England	561	(a)	(a)	(a)	1.01-1.01-1.01
(b)	Scotland	561	(a)	(a)	(a)	.87- .87- .87
1858	England	562	(a)	M.	(a)	1.01-1.01-1.01
1858	Ireland	553	(a)	(a)	63-63-63	.89- .89- .89
1859	England	563	(a)	M.	62-62-62	1.01-1.01-1.01
1859	Ireland	563	(a)	(a)	63-63-63	.93- .93- .93
1860	England	564	(a)	(a)	62-63 —	.89-1.01- —
1860	Ireland	563	(a)	(a)	63-63-63	.97- .97- .97
1860	Scotland	563	(a)	(a)	60-60-60	.97- .97- .97
1861	England	564	(a)	(a)	60-62 —	.97-1.10- —
1861	Scotland	564	(a)	(a)	60-60-60	.89- .89- .89
1863	England	565	(a)	(a)	62-62-62	1.01-1.01-1.01
1864	England	8	(a)	M.	60-60-60	1.17-1.17-1.17
1866	England	566	(a)	M.	60-60-60	1.10-1.10-1.10
1866	Scotland	566	(a)	M.	57-60 —	.85-1.14- —
(c)	England	567	(a)	M.	59-59-59	.24-1.05- —
1868	Italy	185	(a)	M.	(a)	.30-1.00- —
1869	Peru	609	(a)	(a)	(a)	2.56-3.65- —
1870	England	177	(a)	M.	61-61-61	1.12-1.12-1.12
1870	Norway	610	(a)	M.	(a)	.49- .87- —
1871	England	568	(a)	M.	60-60-60	1.05-1.05-1.05
1871	Italy	610	(a)	M.	60-60-60	.68- .68- .68
1871	Netherl'ds	611	(a)	M.	60-60-60	.31- .69- —
1871	Norway	185	(a)	(a)	(a)	.48- .86- —
1872	England	185	(a)	M.	60-60-60	1.05-1.05-1.05
1872	Germany	185	(a)	M.	(a)	.51- .64- —
1872	Netherl'ds	185	(a)	(a)	60-60-60	.33- .68- —
1874	England	569	(a)	M.	54-54-54	1.30-1.30-1.30
1874	Ireland	569	(a)	M.	(a)	1.38-1.38-1.38
1875	Chile	184	(a)	M.	(a)	1.76-1.76-1.76
1876	Australia	177	(a)	M.	48-48-48	2.43-2.43-2.43
1877	Ohio	359	4	M.	(a)	2.13-2.50-2.31
1877	England	570	(a)	M.	d49-57 —	1.05-1.64- —
1877	England	570	(a)	M.	(a)	e.14- .18½- —
1877	Ireland	570	(a)	M.	54-54-54	1.30-1.30-1.30
1877	Scotland	570	(a)	M.	51-51-51	1.03-1.21- —
1878	Belgium	177	(a)	M.	(a)	.90- .90- .90
1878	Belgium	177	(a)	M.	(a)	e.09- .09- .09
1878	England	177	(a)	M.	f54-56 —	1.20-1.30- —
1878	Germany	177	(a)	M.	(a)	.61- .66- —
1878	Ireland	177	(a)	M.	(a)	1.09-1.09-1.09
1878	Italy	177	(a)	M.	(a)	.66- .66- .66
1878	Scotland	177	(a)	M.	g54-54-54	1.35-1.40- —
1878	Switzerl'd	177	(a)	M.	(a)	.77- .77- .77
1879	Pa	384	1	M.	60-60-60	1.75-1.75-1.75
1880	England	571	(a)	M.	h51-57 —	.32-1.54- —
1880	Ireland	571	(a)	M.	54-54-54	.97- .97- .97
1880	Scotland	571	(a)	M.	g54-54-54	1.10-1.14- —
1880	Sweden	21	(a)	(a)	(a)	.54- .81- —
1881	Ohio	363	1	M.	(a)	3.00-3.00-3.00
1881	Australia	431	(a)	(a)	(a)	1.95-2.68- —
1881	Scotland	29	(a)	(a)	51-51-51	1.25-1.25-1.25
1882	Mo	294	1	M.	60-60-60	2.50-2.50-2.50
1882	Germany	30	(a)	M.	(a)	.60- .60- .60
1882	Scotland	37	(a)	M.	51-51-51	1.25-1.25-1.25
1883	Mass	273	38	M.	(a)	2.00-2.50-2.33
1883	Ohio	365	1	M.	60-60-60	3.25-3.25-3.25
1883	England	572	(a)	(a)	54-58 —	.85-1.36- —
1883	Gr't Brit	273	(a)	M.	(a)	1.18-1.57- —
1883	Ireland	43	(a)	(a)	(a)	1.22-1.22-1.22
1883	Scotland	572	(a)	(a)	60-60-60	1.42-1.42-1.42
1884	Mich	278	3	M.	(a)	2.50-2.75-2.58
1884	Mo	295	4	M.	60-60-60	2.67-3.00-2.85
1884	Australia	178	(a)	M.	48-48-48	2.43-2.84- —
1884	Aust-Hun	178	(a)	M.	72-72-72	.80-1.33- —
1884	Belgium	178	(a)	M.	i 60-72 —	.48-1.33- —
1884	Brazil	178	(a)	M.	f 60-60-60	.42-1.72- —
1884	Br. Guiana	178	(a)	M.	54-54-54	1.00-1.40- —
1884	Canada	178	(a)	M.	j 60-60-60	1.33-3.00- —
1884	Canada	466	(a)	M.	60-63 —	1.60-1.61- —
1884	C. of G'd H.	178	(a)	(a)	60-60-60	1.00-1.33- —
1884	Ceylon	178	(a)	(a)	53-53-53	.63-1.00- —
1884	Colombia	178	(a)	(a)	60-60-60	2.01-4.03- —
1884	Cuba	178	(a)	M.	f 59-59-59	.89-1.86- —
1884	Denmark	178	(a)	M.	60-60-60	.98- .98- .98
1884	Ecuador	178	(a)	M.	60-60-60	1.00-2.00- —
1884	England	178	(a)	M.	k 50-57 —	.88-1.62- —
1884	England	178	(a)	M.	(a)	c.10- .19½- —
1884	France	178	(a)	M.	i 60-66 —	.67-1.35- —
1884	Germany	178	(a)	M.	l 60-72 —	.29-1.43- —
1884	Gibraltar	178	(a)	M.	56-56-56	.92-1.17- —
1884	Hawai. Is.	178	(a)	(a)	54-54-54	4.00-4.00-4.00
1884	Ireland	178	(a)	M.	i 56-60 —	1.01-1.42- —
1884	Italy	46	(a)	(a)	(a)	1.16-1.16-1.16
1884	Italy	178	(a)	M.	n 60-72 —	.32- .97- —
1884	Malta	178	(a)	M.	54-60 —	.60- .73- —
1884	Mexico	178	(a)	(a)	(a)	1.00-1.50- —
1884	Netherl'ds	178	(a)	M.	60-63 —	.50-1.07- —
1884	N. Zealand	178	(a)	(a)	60-60-60	2.19-2.92- —
1884	Russia	178	(a)	M.	60-75 —	.38-1.75- —
1884	Russia	178	(a)	M.	72-72-72	o .28-1.07- —
1884	Scotland	178	(a)	M.	p 51-51-51	1.01-1.29- —
1884	Spain	178	(a)	M.	60-72 —	.48-1.22- —
1884	Switzerl'd	178	(a)	M.	q 60-66 —	.58-1.93- —
1884	Turk. in A.	178	(a)	(a)	66-66-66	.61-2.04- —
1884	Venezuela	178	(a)	(a)	f 60-60-60	2.50-5.02- —
1884	Wales	178	(a)	M.	r 54-54-54	.81-1.21- —
1885	D. C	2	3	M.	60-60-60	3.50-3.50-3.50
1885	Ill	2	18	M.	60-60-60	3.50-3.50-3.50
1885	Kans	239	1	M.	60-60-60	2.11-2.11-2.11
1885	N. J	324	2	M.	60-60-60	1.25-2.50-1.88
1885	N. Y	2	389	M.	54-60-57	3.00-3.50-3.24
1885	Australia	175	(a)	(a)	(a)	o 2.03-2.03-2.03
1885	Australia	431	(a)	(a)	(a)	2.19-2.68- —
1885	Chile	184	(a)	M.	(a)	1.56-1.56-1.56
1885	Ecuador	134	(a)	(a)	(a)	.24- .24- .24
1886	Ill	2	53	M.	48-48-48	3.25-3.50-3.39
1886	Ill	208	1	M.	60-60-60	2.30-2.30-2.30
1886	Pa	7	1	M.	60-60-60	1.83-1.83-1.83
1886	Argentina	57	(a)	M.	60-60-60	2.67-3.33- —
1886	England	603	(a)	M.	(a)	1.01-1.31- —
1886	France	66	(a)	M.	(a)	.83- .83- .83
1886	Germany	184	(a)	M.	(a)	.99-1.51- —
1886	Gr't Brit	603	(a)	M.	(a)	1.15-1.15-1.15
1886	Ireland	603	(a)	M.	g 55-55-55	.97-1.20- —
1886	Spain	66	(a)	M.	(a)	.83- .83- .83
1887	N. Y	4	4	M.	(a)	2.20-2.75-2.39
1887	Ohio	365	104	M.	54-60-55	1.00-3.75-3.26

a Not reported.
b Average for 1855–57.
c Average for 1867–68.
d Applies to but 15 of the 17 wage quotations.
e Per hour.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Applies to but 18 of the 20 wage quotations.
i Applies to but 6 of the 8 wage quotations.
j Applies to but 23 of the 29 wage quotations.
k Applies to but 23 of the 46 wage quotations.
l Applies to but 57 of the 63 wage quotations.
n Applies to but 16 of the 18 wage quotations.
o And board and lodging.
p Applies to but 5 of the 7 wage quotations.
q Applies to but 7 of the 14 wage quotations.
r Applies to but 3 of the 7 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GAS FITTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Australia	420	(a)	(a)	48-48-48	2.43-2.68- —
1887 Aust-Hun.	632	(a)	M.	(a)	.61- .61- .61
1887 Canada	469	(a)	M.	56-57 —	1.91-1.91-1.91
1887 England	70	(a)	M.	(a)	1.09-1.09-1.09
1888 Kans.	242	1	M.	(a)	2.50-2.50-2.50
1888 N. Y.	331	51	M.	53-60-58	2.00-3.50-2.64
1888 N. C.	343	1	M.	60-60-60	2.50-2.50-2.50
1888 Australia	430	(a)	(a)	48-48-48	2.19-2.43- —
1888 Australia	432	(a)	M.	(a)	1.83-2.07- —
1889 Australia	100	(a)	M.	48-48-48	2.43-2.43-2.43
1889 Australia	422	(a)	(a)	48-48-48	2.43-2.43-2.43
1889 Australia	432	(a)	M.	(a)	2.07-2.07-2.07
1889 Canada	471	(a)	M.	56-56-56	1.76-1.76-1.76
1889 England	5	(a)	M.	54-54-54	.81- .97- —
1890 N. Y.	333	10	M.	(a)	1.50-2.50-1.76
1890 Australia	180	(a)	M.	b48-48-48	1.95-2.43- —
1890 Australia	423	(a)	(a)	48-48-48	2.43-2.43-2.43
1890 China	180	(a)	M.	(a)	.43- .63- —
1890 Ecuador	180	(a)	M.	54-54-54	1.53-1.53-1.53
1890 England	180	(a)	M.	c54-54-54	.97-1.58- —
1890 England	180	(a)	M.	(a)	d.15- .15- .15
1890 Uruguay	180	(a)	M.	60-60-60	2.00-2.50- —
1891 N. Y.	333	13	M.	(a)	1.50-2.50-1.80
1891 Australia	134	(a)	M.	(a)	2.22-2.22-2.22
1891 Germany	184	(a)	M.	(a)	1.43-1.43-1.43
1892 Cal.	196	2	M.	54-60-57	2.50-3.50-3.00
1892 Ohio	373	115	(a)	c54-65-58	1.25-4.00-2.62
1892 R. I.	399	2	M.	60-60-60	2.00-2.50-2.25
1892 Australia	424	(a)	M.	(a)	1.70-2.43- —
1892 C. of G'd H.	486	(a)	M.	(a)	1.95-2.98- —
1892 Germany	184	(a)	M.	(a)	.95-1.43- —
1892 Scotland	11	(a)	(a)	(a)	.97-1.14- —
1892 Spain	115	(a)	M.	(a)	.40- .45- —
1893 Ill	10	3	M.	59-60-60	1.67-3.00-2.39
1893 Md.	10	4	M.	60-60-60	1.33-2.00-1.75
1893 Mich.	285	1	M.	60-60-60	1.61-1.61-1.61
1893 Mo.	302	100	M.	48-48-48	3.00-3.00-3.00
1893 N. Y.	10	3	M.	60-60-60	2.25-3.50-2.75
1893 Ohio	374	6	M.	60-60-60	2.50-2.50-2.50
1893 Pa	10	2	M.	59-60-60	2.00-2.75-2.38
1894 Iowa	236	1	M.	60-60-60	2.50-2.50-2.50
1894 Ohio	375	2	M.	60-60-60	2.00-2.00-2.00
1894 Australia	425	(a)	(a)	(a)	1.58-2.92- —
1894 France	134	(a)	(a)	(a)	1.01-1.01-1.01
1895 Ohio	376	3	M.	54-54-54	2.00-2.00-2.00
1895 Australia	426	(a)	(a)	(a)	1.58-2.92- —
1895 Chile	184	(a)	M.	(a)	1.36-1.36-1.36
1895 Spain	133	(a)	(a)	(a)	.40- .45- —
1896 Colo	200	10	M.	48-48-48	3.50-3.50-3.50
1896 Ohio	377	8	M.	54-60-59	2.00-2.70-2.18
1896 Australia	427	(a)	(a)	(a)	1.58-2.92- —
1896 Belgium	184	(a)	(a)	(a)	.83- .83- .83
1896 Br. Guiana	184	(a)	M.	(a)	.83-1.00- —
1897 Kans.	251	2	M.	60-70-65	1.92-2.00-1.96
1897 Nebr.	314	6	M.	(a)	2.25-2.25-2.25
1897 Australia	428	(a)	(a)	(a)	1.95-2.92- —
1897 N. Zealand	672	(a)	M.	(a)	2.84-2.84-2.84
1898 Australia	429	(a)	(a)	(a)	1.95-2.68- —
1898 Belgium	454	(a)	(a)	(a)	d.07- .07- .07
1898 C. of G'd H.	149	(a)	(a)	(a)	2.50-2.50-2.50
1898 Chile	152	(a)	(a)	(a)	.93-1.33- —
1898 N. Zealand	673	(a)	M.	(a)	2.19-2.19-2.19
1899 Ill	18	6	M.	44-44-44	3.67-3.67-3.67
1899 N. Y.	18	16	M.	54-54-54	2.50-2.50-2.50
1899 N. Zealand	681	(a)	(a)	48-48-48	2.19-2.19-2.19
1900 Ill	18	6	M.	44-44-44	3.69-3.69-3.69
1900 N. Y.	18	14	M.	54-54-54	2.50-2.50-2.50

GAS FITTERS' HELPERS.

1871 Italy	610	(a)	M.	60-60-60	.19- .19- .19
1874 England	569	(a)	M.	54-54-54	.81- .81- .81
1883 Mass.	273	13	M.	(a)	1.50-1.50-1.50
1884 Canada	178	(a)	(a)	60-60-60	1.00-1.50- —
1884 England	178	(a)	M.	(a)	d.08- .10- —
1884 Germany	178	(a)	M.	60-66 —	.29- .63- —
1884 Spain	178	(a)	M.	60-60-60	.48- .48- .48
1886 Germany	184	(a)	M.	(a)	.95- .95- .95
1887 N. Y.	4	2	M.	(a)	1.75-1.75-1.75
1888 N. Y.	331	40	M.	53-60-59	.50-2.75-2.11
1891 Germany	184	(a)	M.	(a)	1.05-1.05-1.05
1892 Germany	184	(a)	(a)	(a)	1.03-1.03-1.03
1896 Ohio	377	2	M.	54-54-54	.90- .90- .90
1898 Belgium	455	(a)	(a)	(a)	d.05½-.05½-.05½

GAS LIGHTERS.

1886 Germany	548	(a)	(a)	(a)	.45- .59- —
1887 Germany	557	(a)	(a)	70-70-70	.49- .65- —
1892 Russia	692	(a)	(a)	(a)	.20- .77- —

GAS MAKERS.

1830 England	572	(a)	(a)	(a)	.93- .93- .93
1831 England	572	(a)	(a)	(a)	.93- .93- .93
1833 England	572	(a)	(a)	(a)	1.01-1.01-1.01
1857 Ireland	563	(a)	(a)	60-60-60	.49- .85- —
1860 Ireland	563	(a)	(a)	60-60-60	.73-1.10- —
1860 Russia	609	(a)	(a)	(a)	.22- .25- —
1866 England	566	(a)	M.	70-70-70	.91- .91- .91
1866 Scotland	566	(a)	M.	84-84-84	.83- .83- .83
(f) England	567	(a)	M.	84-84-84	1.18-1.18-1.18
1869 Russia	185	(a)	M.	(a)	.25- .25- .25
1870 England	177	(a)	M.	61-61-61	.65- .82- —
1871 England	568	(a)	M.	84-84-84	1.18-1.18-1.18
1871 Ireland	568	(a)	M.	70-70-70	.85-1.10- —
1872 Pa	185	2	(a)	60-60-60	3.17-3.17-3.17

a Not reported.
b Applies to but 4 of the 5 wage quotations.
c Applies to but 3 of the 5 wage quotations.
d Per hour.
e Not including hours of 4 persons not reported.
f Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GAS MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 England ..	185	(a) M.	84-84-84	1.18-1.18-1.18	1889 N. Y.....	5	11 M.	60-60-60	1.25-1.74-1.57
1872 Ireland ...	185	(a) M.	70-70-70	.85-1.09- —	1889 Ohio	5	8 M.	60-84-72	1.10-2.00-1.65
1872 Russia	612	(a) (a)	69-69-69	.52- .52- .52	1889 Pa	5	6 M.	d60-66-63	1.68-2.50-2.23
1873 England ..	185	(a) M.	(a)	b .80-1.45- —	1889 W. Va	5	2 M.	(a)	2.00-2.00-2.00
1874 Pa	380	1 M.	(a)	2.63-2.63-2.63	1889 England ..	5	(a) M.	e56-72 —	.51-1.30- —
1874 England ..	569	(a) M.	54-54-54	.91- .91- .91	1889 France....	6	(a) M.	(a)	.77- .77- .77
1874 Ireland ...	569	(a) M.	72-72-72	1.26-1.42- —	1889 Portugal ..	691	(a) (a)	(a)	.28- .43- —
1876 Pa	381	6 M.	(a)	1.85-1.85-1.85	1889 Scotland ..	5	(a) M.	(a)	1.34-1.34-1.34
1877 Ohio	359	12 M.	(a)	2.33-2.33-2.33	1890 Ill	6	9 M.	56-56-56	1.67-1.83-1.72
1877 Pa	382	2 M.	72-72-72	2.20-2.20-2.20	1890 N. Y.....	333	10 M.	(a)	1.13-2.50-1.76
1877 England ..	570	(a) M.	84-84-84	1.04-1.04-1.04	1890 England ..	5	(a) M.	(a)	1.09-1.09-1.09
1878 Pa	383	2 M.	72-72-72	2.00-2.00-2.00	1890 Gr't Brit ..	577	(a) M.	(a)	1.32-1.32-1.32
1878 England ..	177	(a) M.	54-54-54	.96- .96- .96	1891 N. Y.....	333	9 M.	(a)	1.13-2.50-1.78
1880 Mass	7	1 M.	60-60-60	1.25-1.25-1.25	1891 Belgium ..	457	(a) M.	72-84 —	.58-1.03- —
1883 Ohio	20	3 M.	84-84-84	1.85-2.30-2.00	1891 Italy	638	(a) M.	f63-63-63	.37- .58- —
1883 England ..	572	(a) M.	60-78 —	1.01-1.55- —	1892 Ohio	20	3 M.	84-84-84	1.65-2.30-1.93
1883 Scotland ..	43	(a) (a)	72-72-72	.97- .97- .97	1892 Ohio	373	56 (a)	g54-72-66	1.63-2.50-1.86
1883 Scotland ..	572	(a) M.	60-72 —	1.02-1.34- —	1892 England ..	632	(a) M.	56-72 —	.97-1.30- —
1884 Aust-Hun.	178	(a) M.	63-63-63	b .53- .67- —	1892 France....	505	(a) M.	70-84 —	.77-1.16- —
1884 England ..	178	(a) M.	c54-54-54	.71-1.08- —	1893 Ohio	374	7 M.	72-72-72	1.75-1.75-1.75
1884 Wales	178	(a) M.	60-91 —	1.05-1.42- —	1895 Me	7	1 M.	60-60-60	1.13-1.13-1.13
1885 Ill.....	1	2 M.	60-60-60	2.15-2.15-2.15	1895 Mass	7	1 M.	60-60-60	1.50-1.50-1.50
1885 Me	1	2 M.	66-66-66	1.36-1.50-1.43	1895 N. H	7	1 M.	60-60-60	1.42-1.42-1.42
1885 N. H	7	1 M.	66-66-66	1.25-1.25-1.25	1895 Ohio	376	174 M.	60-72-67	1.20-3.24-1.73
1885 N. Y.....	1	1 M.	66-66-66	1.25-1.25-1.25	1895 Canada ...	187	(a) M.	60-60-60	1.25-1.25-1.25
1885 Ohio	1	10 M.	60-60-60	1.23-1.23-1.23	1895 England ..	585	(a) M.	(a)	.98- .98- .98
1885 Vt	1	1 M.	66-66-66	1.15-1.15-1.15	1896 Conn.....	7	1 M.	60-60-60	2.00-2.00-2.00
1885 Germany .	1	(a) M.	72-72-72	.50- .50- .50	1896 Ohio	377	10 M.	72-72-72	1.47-1.47-1.47
1885 Gr't Brit ..	1	(a) M.	72-72-72	1.00-1.00-1.00	1896 Pa	7	2 M.	60-60-60	1.67-2.50-2.09
1886 Iowa	232	1 M.	84-84-84	2.25-2.25-2.25	1896 Pa	394	18 M.	60-60-60	1.20-4.91-2.07
1886 Pa	7	1 M.	60-60-60	2.50-2.50-2.50	1896 England ..	586	(a) M.	(a)	1.12-1.16- —
1886 England ..	602	(a) M.	(a)	.95- .95- .95	1896 Scotland ..	592	(a) M.	(a)	1.27-1.33- —
1886 England ..	604	(a) M.	(a)	.83- .83- .83	1897 Kans.....	251	1 M.	74-74-74	1.32-1.32-1.32
1887 N. Y.....	4	1 M.	(a)	1.64-1.64-1.64	1897 Nebr	314	2 M.	60-60-60	2.70-2.70-2.70
1887 Pa	390	3 M.	72-72-72	1.50-1.60-1.53	1897 Ohio	377	129 M.	54-72-65	1.15-3.00-1.74
1887 Germany..	6	(a) M.	(a)	.49- .49- .49	1897 Pa	395	4 M.	(a)	1.61-1.96-1.70
1888 Conn.....	6	1 M.	(a)	1.35-1.35-1.35	1898 Ohio	18	24 M.	(a)	1.15-2.25-1.60
1888 N. Y.....	331	17 M.	59-84-67	1.97-2.25-2.08	1898 Pa	18	20 M.	(a)	1.20-2.00-1.63
1888 England ..	5	(a) M.	(a)	.45- .85- —	1898 N.Zealand	673	(a) M.	(a)	1.58-1.58-1.58
1888 France....	6	(a) M.	(a)	.58- .73- —	1899 Ohio	18	27 M.	(a)	1.40-2.20-1.76
1889 Ind	6	3 M.	60-60-60	1.28-1.28-1.28	1899 Pa	18	20 M.	(a)	1.50-2.00-1.80

GAS METER MAKERS.

1840	Scotland ..	563	(a)	(a)	60-60-60	.93- .93- .93	1880 Scotland ..	571	(a)	M.	54-54-54	1.14-1.14-1.14
1850	Scotland ..	563	(a)	(a)	60-60-60	.93- .93- .93	1883 Scotland ..	572	(a)	(a)	51-51-51	1.12-1.21- —
(h)	Scotland ..	561	(a)	(a)	(a)	.89- .89- .89	1886 England ..	603	(a)	M.	(a)	1.22-1.22-1.22
1860	Scotland ..	563	(a)	(a)	60-60-60	1.01-1.01-1.01	1886 Scotland ..	603	(a)	M.	(a)	1.10-1.10-1.10
1861	Scotland ..	564	(a)	(a)	60-60-60	1.01-1.01-1.01	1888 Australia .	432	(a)	M.	(a)	2.43-2.43-2.43
1869	Peru	609	(a)	(a)	(a)	2.56-3.65- —	1899 England ..	588	(a)	(a)	(a)	1.30-1.38- —
1880	England ..	571	(a)	M.	54-60 —	1.22-1.34- —						

GAS METER REPAIRERS.

1881	Canada ...	466	(a)	M.	60-60-60	1.50-1.50-1.50	1890 England ..	180	(a)	M.	(a)	.73-1.50- —
1888	Canada ...	470	(a)	M.	78-78-78	2.46-2.46-2.46						

GASOGENE MEN.

1888	N. Y.....	331	51	M.	66-66-66	2.25-2.75-2.52	....	.....	....	....	...	.....	.....

a Not reported.
b And house.
c Applies to but 1 of the 4 wage quotations.
d Not including hours of 2 persons not reported.
e Applies to but 4 of the 6 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Not including hours of 6 persons not reported.
h Average for 1855-57.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GAS PURIFIERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1863 N. Y.	190	1	M.	84-84-84	1.75-1.75-1.75	1879 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25
1863 Ohio	190	6	M.	84-84-84	1.42-1.42-1.42	1879 Ohio	190	10	M.	84-84-84	1.50-1.50-1.50
1864 N. Y.	190	1	M.	84-84-84	1.75-1.75-1.75	1880 N. Y.	190	1	M.	84-84-84	2.00-2.00-2.00
1864 Ohio	190	6	M.	84-84-84	1.92-1.92-1.92	1880 Ohio	190	10	M.	84-84-84	1.50-1.50-1.50
1865 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25	1881 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25
1865 Ohio	190	6	M.	84-84-84	1.75-1.75-1.75	1881 Ohio	190	10	M.	84-84-84	1.50-1.50-1.50
1866 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25	1882 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25
1866 Ohio	190	6	M.	84-84-84	2.00-2.00-2.00	1882 Ohio	190	12	M.	84-84-84	1.50-1.50-1.50
1867 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25	1883 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1867 Ohio	190	10	M.	84-84-84	2.00-2.00-2.00	1883 Ohio	190	12	M.	84-84-84	1.50-1.50-1.50
1868 N. Y.	190	1	M.	84-84-84	2.35-2.35-2.35	1884 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1868 Ohio	190	10	M.	84-84-84	2.00-2.00-2.00	1884 Ohio	190	12	M.	84-84-84	1.50-1.50-1.50
1869 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50	1885 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1869 Ohio	190	10	M.	84-84-84	2.00-2.00-2.00	1885 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1870 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50	1886 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1870 Ohio	190	4	M.	84-84-84	1.75-1.75-1.75	1886 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1870 Norway	611	(a)	M.	(a)	.37- .37- .37	1886 England	603	(a)	M.	(a)	.73- .73- .73
1871 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50	1887 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1871 Ohio	190	4	M.	84-84-84	1.75-1.75-1.75	1887 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1871 Netherl'ds	611	(a)	M.	84-84-84	.45- .81- —	1887 Wis	409	1	M.	(a)	2.16-2.16-2.16
1871 Norway	185	(a)	(a)	(a)	.37- .55- —	1888 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1872 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50	1888 N. Y.	331	36	M.	70-84-70	1.50-2.75-2.00
1872 Ohio	190	12	M.	84-84-84	1.75-1.75-1.75	1888 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1872 Netherl'ds	185	(a)	(a)	84-84-84	.37- .81- —	1889 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1873 N. Y.	190	1	M.	84-84-84	3.50-3.50-3.50	1889 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1873 Ohio	190	12	M.	84-84-84	2.00-2.00-2.00	1890 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1874 N. Y.	190	1	M.	84-84-84	3.00-3.00-3.00	1890 N. Y.	333	1	M.	(a)	1.75-1.75-1.75
1874 Ohio	190	12	M.	84-84-84	2.00-2.00-2.00	1890 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1875 N. Y.	190	1	M.	84-84-84	2.75-2.75-2.75	1890 England	180	(a)	M.	63-63-63	.97-1.05- —
1875 Ohio	190	12	M.	84-84-84	1.75-1.75-1.75	1890 Germany	180	(a)	M.	70-70-70	.72- .72- .72
1876 N. Y.	190	1	M.	84-84-84	2.75-2.75-2.75	1891 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50
1876 Ohio	190	12	M.	84-84-84	1.75-1.75-1.75	1891 N. Y.	333	2	M.	(a)	1.67-1.75-1.71
1877 N. Y.	190	1	M.	84-84-84	2.50-2.50-2.50	1891 Ohio	190	8	M.	84-84-84	1.25-1.25-1.25
1877 Ohio	190	12	M.	84-84-84	1.75-1.75-1.75	1892 France	505	(a)	M.	70-77 —	.48- .77- —
1878 N. Y.	190	1	M.	84-84-84	2.25-2.25-2.25	1892 France	505	(a)	M.	70-70-70	b.77- .77- .77
1878 Ohio	190	10	M.	84 84-84	1.50-1.50-1.50	1896 Pa	14	82	M.	60-70-69	1.75-2.50-2.38
1878 Norway	610	(a)	M.	(a)	.56- .56- .56	1896 England	592	(a)	M.	(a)	.70- .76- —

GAS TANK TENDERS.

1896 Pa	394	5	M.	60-60-60	1.66-2.31-2.13	....	.....	....	....	...	.....	.....

GATE BOYS, FACTORIES, ETC.

1875 N. Y.	190	1	M.	60-60-60	.50- .50- .50	1881 N. Y.	190	2	M.	60-60-60	.75- .75- .75
1876 N. Y.	190	2	M.	60-60-60	.70- .70- .70	1882 N. Y.	190	3	M.	60-60-60	.75- .75- .75
1877 N. Y.	190	2	M.	60-60-60	.70- .70- .70	1883 N. Y.	190	1	M.	60-60-60	.75- .75- .75
1878 N. Y.	190	5	M.	60-60-60	.40- .70- .61	1885 N. Y.	190	1	M.	60-60-60	.75- .75- .75
1879 N. Y.	190	2	M.	60-60-60	.63- .63- .63	1886 Ireland	600	(a)	M.	57-57-57	.20- .20- .20
1880 N. Y.	190	3	M.	60-60-60	.75- .75- .75						

GATEMEN, FACTORIES, ETC.

1863 England	565	(a)	(a)	(a)	.49- .49- .49	1874 N. Y.	190	2	M.	60-60-60	.88- .88- .88
1866 Scotland	566	(a)	M.	(a)	.57- .57- .57	1875 N. Y.	190	1	M.	60-60-60	1.38-1.38-1.38
1867 N. Y.	190	2	M.	60-60-60	1.00-1.00-1.00	1878 Pa	383	33	M.	(a)	.50- .55- .53
1869 N. Y.	190	3	M.	60-60-60	1.00-1.50-1.17	1880 N. Y.	190	1	M.	60-60-60	1.00-1.00-1.00
1870 N. Y.	190	3	M.	60-60-60	1.00-1.00-1.00	1881 N. Y.	190	1	M.	60-60-60	1.00-1.00-1.00
1871 N. Y.	190	3	M.	60-60-60	1.00-1.00-1.00	1883 Ga	7	1	M.	(a)	.75- .75- .75
1871 Netherl'ds	611	(a)	M.	72-72-72	.54- .54- .54	1883 N. Y.	190	4	M.	60-60-60	1.00-1.65-1.36
1872 N. Y.	190	3	M.	60-60-60	1.00-1.00-1.00	1883 England	572	(a)	M.	72-72-72	.81- .81- .81
1872 Netherl'ds	185	(a)	(a)	84-84-84	.46- .46- .46	1884 N. Y.	190	4	M.	60-60-60	1.13-1.53-1.41
1873 N. Y.	190	3	M.	60-60-60	1.00-1.00-1.00	1884 Wales	178	(a)	M.	63-63-63	1.22-1.22-1.22

a Not reported. b And fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GATEMEN, FACTORIES, ETC.—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Conn	7	2 M.	60-60-60	1.00-1.17-1.09
1885 Ind	1	4 M.	60-60-60	1.00-1.25-1.19
1885 Me	1	1 M.	66-66-66	.75- .75- .75
1885 Mass	1	1 M.	60-60-60	1.00-1.00-1.00
1885 N. J	7	1 M.	55-55-55	1.50-1.50-1.50
1885 N. Y	1	6 M.	60-72-68	1.25-1.54-1.44
1885 N. Y	190	2 M.	60-60-60	1.13-1.13-1.13
1886 N. Y	190	4 M.	60-60-60	1.13-1.50-1.25
1886 R. I	7	2 M.	60-60-60	.83-1.00- .92
1886 England	602	(a) M.	(a)	.56- .56- .56
1886 Gr't Brit	602	(a) M.	(a)	.47- .47- .47
1886 Ireland	600	(a) M.	57-57-57	.46- .46- .46
1886 Scotland	67	(a) (a)	57-57-57	.73- .73- .73
1887 Conn	202	30 M.	(a)	1.48-1.67-1.52
1887 N. Y	190	2 M.	60-60-60	1.25-1.50-1.38
1887 Germany	6	(a) M.	(a)	.51- .51- .51
1888 Mass	6	1 M.	60-60-60	.50- .50- .50
1888 N. Y	190	2 M.	60-60-60	1.25-1.50-1.38
1888 N. Y	331	1 M.	60-60-60	1.63-1.63-1.63
1888 France	6	(a) M.	(a)	.20- .77- —
1888 Switzerl'd.	6	(a) (a)	(a)	.53- .53-.53
1889 Ill	5	11 M.	b72-72-72	1.25-1.58-1.39
1889 Md	6	1 M.	(a)	1.00-1.00-1.00
1889 N. H	6	1 M.	(a)	1.50-1.50-1.50
1889 N. Y	5	4 M.	60-60-60	1.00-1.50-1.13
1889 N. Y	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Canada	471	(a) M.	64-66 —	1.30-1.30-1.30
1889 Germany	6	(a) M.	(a)	.57- .65- —
1890 N. Y	190	2 M.	60-60-60	1.50-1.50-1.50
1890 N. Y	333	3 M.	(a)	1.00-1.50-1.33
1891 Me	257	1 M.	60-60-60	1.00-1.00-1.00
1891 N. Y	333	3 M.	(a)	1.00-1.50-1.33
1891 Belgium	457	(a) M.	(a)	.23- .48- —
1891 Italy	638	(a) M.	60-60-60	.22- .39- —
1892 Italy	639	(a) M.	60-60-60	.20- .34- —
1893 Ill	10	1 M.	49-49-49	1.83-1.83-1.83
1893 N. Y	10	1 M.	84-84-84	2.33-2.33-2.33
1895 Conn	7	1 M.	60-60-60	1.21-1.21-1.21
1895 Mass	7	2 M.	60-60-60	1.25-1.25-1.25
1895 N. J	7	1 M.	53-53-53	1.92-1.92-1.92
1896 Conn	7	1 M.	60-60-60	1.95-1.95-1.95
1896 Ga	7	1 M.	66-66-66	.75- .75- .75
1896 Ohio	7	2 M.	60-60-60	.50-1.50-1.00
1896 R. I	7	1 M.	60-60-60	1.00-1.00-1.00
1898 Ohio	18	10 M.	(a)	1.00-1.20-1.06
1898 Pa	18	1 M.	(a)	1.40-1.40-1.40
1899 Ohio	18	9 M.	(a)	1.00-1.45-1.23
1899 Pa	18	1 M.	(a)	1.55-1.55-1.55

GATEMEN, RAILROAD.

1870	England	177	(a)	M.	(a)	.17- .34- —	1887	Mich	4	2	M.	(a)	1.38-1.50-1.44
1878	England	177	(a)	M.	(a)	.17- .51- —	1887	N. J	4	43	M.	(a)	.85-1.75-1.22
1879	Pa	384	3	M.	(a)	1.50-1.50-1.50	1887	N. Y	4	253	M.	(a)	.49-2.14-1.23
1883	Mich	277	2	M.	(a)	1.15-1.64-1.40	1887	Oregon	4	1	M.	(a)	1.97-1.97-1.97
1884	Ceylon	178	(a)	(a)	(a)	.16- .16- .16	1887	Pa	4	101	M.	(a)	.38-2.50-1.27
1884	England	178	(a)	M.	(a)	.52- .83- —	1887	Va	4	4	M.	(a)	.99-1.32-1.15
1884	Malta	178	(a)	M.	(a)	.20- .20- .20	1887	Wis	4	10	M.	(a)	.99-2.14-1.50
1884	Russia	178	(a)	M.	(a)	.30- .30- .30	1888	N. J	326	14	(a)	91-112-102	.99-1.18-1.10
1884	Scotland	178	(a)	M.	60-60-60	.57- .57- .57	1888	Australia	432	(a)	M.	(a)	1.04-1.70- —
1884	Spain	178	(a)	M.	(a)	.05- .20- —	1889	Mass	4	2	M.	(a)	2.90-2.90-2.90
1884	Switzerl'd.	178	(a)	M.	(a)	.06½-.47- —	1889	Australia	432	(a)	M.	(a)	1.04-1.58- —
1884	Switzerl'd.	178	(a)	F.	(a)	.06½-.28- —	1891	Me	257	2	M.	70-84-77	1.25-1.50-1.38
1884	Tunis	178	(a)	M.	(a)	.30- .48- —	1892	France	505	(a)	M.	(a)	c.52- .97- —
1884	Wales	178	(a)	M.	(a)	1.01-1.09- —	1892	France	505	(a)	M.	(a)	d.39- .72- —
1885	Mich	279	45	M.	(a)	.50-1.64-1.26	1892	France	505	(a)	M.	77-77-77	e.82-1.01- —
1885	Pa	389	241	M.	(a)	1.22-1.22-1.22	1892	France	505	(a)	F.	(a)	.11- .11- .11
1887	Conn	4	97	M.	(a)	.75-1.64-1.33	1892	France	505	(a)	F.	(a)	c.07- .17- —
1887	Md	4	15	M.	(a)	.49-1.64-1.31	1893	Mich	285	17	M.	f70-119-88	.99-2.96-1.23
1887	Mass	4	126	M.	(a)	.74-2.31-1.35	1896	N. Y	14	685	M.	70-84-83	1.25-1.74-1.45

GATHERERS, BOOKBINDERY.

1840	Pa	8	1	F.	60-60-60	.50- .50- .50	1887	Pa	3	2	F.	52-53-53	.35- .63- .49
1856	N. Y	8	1	F.	60-60-60	1.25-1.25-1.25	1888	Ind	3	2	F.	59-59-59	.82- .83- .83
1862	Pa	8	1	F.	60-60-60	1.00-1.00-1.00	1888	N. Y	331	11	F.	(a)	1.83-1.83-1.83
1875	Md	8	1	F.	60-60-60	1.00-1.00-1.00	1888	Pa	8	6	F.	54-54-54	1.00-1.00-1.00
1880	Scotland	571	(a)	F.	54-54-54	.14- .14- .14	1890	N. Y	333	7	M.	(a)	1.83-1.83-1.83
1883	Mass	273	1	F.	(a)	1.00-1.00-1.00	1891	N. Y	333	7	M.	(a)	1.83-1.83-1.83
1883	Scotland	572	(a)	F.	54-54-54	.14- .14- .14	1892	Ill	210	28	F.	51-59-55	.80-1.83-1.34
1884	Wales	178	(a)	F.	(a)	g.04- .04- .04	1895	Mass	7	15	F.	58-58-58	1.07-1.88-1.47
1885	Fla	7	2	F.	60-60-60	.67- .67- .67	1895	N. Y	7	9	F.	58-58-58	.96-1.46-1.28
1885	Mass	7	9	F.	59-59-59	.94-1.75-1.31	1895	Pa	8	1	F.	60-60-60	1.00-1.00-1.00
1885	N. Y	7	11	F.	59-59-59	.51-1.00- .80	1896	Fla	7	2	F.	60-60-60	.75- .75- .75
1886	Mo	3	2	F.	59-59-59	.33- .83- .58	1896	N. Y	8	3	F.	54-60-58	.75-2.50-1.75
1887	Ill	3	7	F.	55-59-56	.67-1.42-1.04	1899	Mass	18	4	F.	55-55-55	1.00-1.50-1.29
1887	Minn	3	1	F.	59-59-59	.83- .83- .83	1900	Mass	18	4	F.	55-55-55	1.00-1.50-1.25
1887	N. Y	3	6	F.	51-60-54	.75-1.83-1.11							

a Not reported.
b Not including hours of 4 persons not reported.
c And lodging.
d And lodging and *gratifications*.
e And *gratifications*.
f Not including hours of 1 person not reported.
g Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GATHERERS, BOTTLES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1845 England ..	577	(a) M.	(a)	0.53-0.73- —
1847 England ..	577	(a) M.	(a)	.65- .73- —
1849 England ..	577	(a) M.	(a)	.53- .81- —
1853 England ..	577	(a) M.	(a)	.65- .85- —
1854 England ..	577	(a) M.	(a)	.89- .97- —
1857 England ..	577	(a) M.	(a)	.73- .73- .73
1860 England ..	577	(a) M.	(a)	.81- .81- .81
1863 England ..	632	(a) (a)	(a)	.81- .89- —
1863 Scotland ..	565	(a) (a)	(a)	.49- .49- .49
1866 England ..	577	(a) M.	(a)	.93- .93- .93
(b) England ..	567	(a) M.	60-60-60	.93- .93- .93
1872 England ..	577	(a) M.	(a)	.89-1.05- —
1872 Ireland ...	632	(a) (a)	(a)	1.01-1.26- —
1872 Scotland ..	632	(a) (a)	(a)	.87-1.29- —
1873 England ..	632	(a) (a)	(a)	1.18-1.28- —
1876 England ..	632	(a) (a)	(a)	1.05-1.16- —
1877 England ..	570	(a) M.	35-35-35	.85- .85- .85
1878 England ..	632	(a) (a)	(a)	.93-1.05- —
1879 England ..	632	(a) (a)	(a)	.81- .89- —
1881 Pa	2	102 M.	60-60-60	1.00-1.25-1.13
1882 Ohio	364	53 (a)	60-60-60	1.85-1.85-1.85
1882 England ..	577	(a) M.	(a)	.81- .89- —
1883 Pa	2	40 M.	54-54-54	1.00-1.00-1.00
1883 England ..	577	(a) M.	(a)	.85- .97- —
1885 Cal.....	1	14 M.	60-60-60	1.25-1.25-1.25
1885 N. J	1	26 M.	48-54-54	1.00-1.00-1.00
1885 N. J	324	1 M.	45-45-45	1.33-1.33-1.33
1885 Ohio	1	8 M.	54-54-54	1.25-1.25-1.25
1885 Pa	1	29 M.	60-60-60	.66-1.00- .98
1885 England ..	577	(a) M.	(a)	0.81-0.81-0.81
1885 England ..	632	(a) (a)	(a)	.93- .93- .93
1886 N. J	325	58 M.	54-60-55	.83-1.27-1.09
1887 Ohio	339	81 M.	60-60-60	2.20-2.20-2.20
1888 N. J	326	337 (a)	(a)	.37-1.00- .70
1888 N. Y.....	331	11 M.	54-54-54	1.50-1.50-1.50
1889 Ind	6	10 M.	54-54-54	1.00-1.00-1.00
1889 N. J	6	30 M.	54-54-54	1.00-1.00-1.00
1889 N. Y.....	6	13 M.	(a)	.67-1.34- .85
1890 Ill	6	38 M.	54-54-54	1.17-1.17-1.17
1890 Ind	6	11 M.	54-54-54	1.17-1.17-1.17
1890 Mo	6	33 M.	c54-54-54	1.17-1.38-1.24
1890 N. J.....	6	47 M.	d48-60-52	.75-1.50-1.12
1890 N. Y.....	6	45 M.	(a)	.77-1.54-1.13
1890 N. Y.....	333	7 M.	(a)	1.00-1.00-1.00
1890 Ohio	6	56 M.	e54-54-54	.50-1.50-1.28
1890 Pa	6	72 M.	f51-51-51	1.00-1.54-1.24
1890 England ..	632	(a) (a)	(a)	1.21-1.21-1.21
1891 N. Y.....	333	10 M.	(a)	1.00-1.00-1.00
1891 England ..	576	(a) M.	(a)	1.05-1.05-1.05
1892 England ..	577	(a) M.	g51-51-51	.89-1.05- —
1892 England ..	632	(a) M.	h50-62 —	1.01-1.65- —
1892 France....	505	(a) M.	63-70 —	i.39-1.35- —
1894 England ..	590	(a) M.	j51-51-51	.89-1.05- —
1896 England ..	586	(a) M.	(a)	.89-1.01- —
1896 England ..	587	(a) M.	(a)	.93-1.05- —
1897 England ..	587	(a) M.	(a)	.93- .97- —
1898 N. J	329	269 M.	54-54-54	.83-2.00- .99

GATHERERS, GLASS (NOT SPECIFIED).

1841	England ..	625	(a)	(a)	(a)	.36- .36- .36	1888	N. Y.....	331	22	M.	l49-55-51	.75-2.00-1.22
1876	Pa	381	65	M.	(a)	2.00-2.00-2.00	1888	Ohio	370	201	M.	(a)	1.00-2.60-2.38
1878	Ohio	360	15	M.	45-45-45	1.50-1.50-1.50	1889	England ..	576	(a)	M.	(a)	.93- .93- .93
1879	Pa	384	127	M.	(a)	1.25-2.15-1.82	1891	N. Y.....	333	8	M.	(a)	1.60-2.33-1.77
1883	Gr't Brit ..	273	(a)	M.	(a)	1.22-1.22-1.22	1891	Belgium ..	457	(a)	M.	60-60-60	1.16-1.16-1.16
1884	N. J	323	20	M.	60-60-60	1.58-1.58-1.58	1892	Cal.....	196	4	M.	48-48-48	1.25-1.50-1.44
1884	Belgium ..	178	(a)	M.	k60-72 —	.74-2.00- —	1892	Ind	227	33	M.	36-54-48	2.02-2.50-2.21
1884	France....	178	(a)	M.	60-60-60	i1.11-1.48- —	1892	Ohio	373	127	M.	44-60-53	1.16-2.60-1.73
1885	Ohio	1	35	M.	60-60-60	2.20-3.00-2.57	1892	France....	505	(a)	M.	70-70-70	i.77- .97- —
1885	Ohio	7	8	M.	(a)	1.94-2.33-2.17	1894	Ind	228	3	M.	48-48-48	2.50-2.50-2.50
1885	Pa	1	26	M.	60-60-60	1.66-2.20-1.97	1894	England ..	590	(a)	M.	(a)	.93-2.03- —
1885	Pa	389	6	M.	(a)	2.20-2.20-2.20	1895	Canada ...	187	(a)	(a)	45-54 —	1.10-1.50- —
1886	N. J	325	27	M.	51-54-53	.92-1.25-1.11	1896	Ohio	7	13	M.	60-60-60	1.51-2.10-1.89
1886	Canada ...	468	(a)	M.	38-48 —	1.62-2.00- —	1897	Ohio	377	319	M.	42-57-50	1.75-3.75-2.46
1887	Ohio	369	43	M.	60-60-60	1.00-2.25-1.99							

GATHERERS, LAMP CHIMNEYS.

1878	Ohio	360	36	M.	54-54-54	1.56-1.56-1.56	1888	Canada ...	470	(a)	M.	44-44-44	1.93-1.93-1.93
1885	Pa	1	121	M.	60-60-60	2.00-3.00-2.36	1890	N. Y.....	6	45	M.	(a)	1.75-1.75-1.75
1886	Pa	7	54	M.	48-48-48	1.83-2.33-2.05	1890	Ohio	6	265	M.	o50-54-51	1.75-2.38-2.03
1888	N. Y.....	331	31	M.	50-55-51	1.60-1.61-1.60	1890	Pa	6	246	M.	p54-54-54	1.22-2.92-2.02
1888	N. Y.....	331	14	M.	(a)	n.17½-.17½-.17½	1896	Pa	7	58	M.	48-48-48	1.83-2.33-2.09

a Not reported.
b Average for 1867-68.
c Not including hours of 21 persons not reported.
d Not including hours of 19 persons not reported.
e Not including hours of 23 persons not reported.
f Not including hours of 70 persons not reported.
g Applies to but 1 of the 5 wage quotations.
h Applies to but 5 of the 7 wage quotations.
i And lodging and fuel.
j Applies to but 1 of the 2 wage quotations.
k Applies to but 3 of the 5 wage quotations.
l Not including hours of 6 persons not reported.
n Per hour.
o Not including hours of 93 persons not reported.
p Not including hours of 85 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GATHERERS, WINDOW GLASS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1841 N. J	190	1 M.	(a)	0.75-0.75-0.75
1842 N. J	190	1 M.	(a)	.75- .75- .75
1843 N. J	190	1 M.	(a)	.75- .75- .75
1844 N. J	190	1 M.	(a)	.75- .75- .75
1845 N. J	190	1 M.	(a)	.75- .75- .75
1846 N. J	190	1 M.	(a)	.77- .77- .77
1847 N. J	190	1 M.	(a)	.77- .77- .77
1848 N. J	190	1 M.	(a)	.77- .77- .77
1849 N. J	190	1 M.	(a)	.77- .77- .77
1850 N. J	190	1 M.	(a)	.77- .77- .77
1851 N. J	190	1 M.	(a)	.77- .77- .77
1852 N. J	190	1 M.	(a)	.77- .77- .77
1853 N. J	190	1 M.	(a)	.77- .77- .77
1854 N. J	190	1 M.	(a)	.77- .77- .77
1855 N. J	190	1 M.	(a)	.77- .77- .77
1856 N. J	190	1 M.	(a)	.77- .77- .77
1857 N. J	190	1 M.	(a)	.77- .77- .77
1858 N. J	190	1 M.	(a)	.77- .77- .77
1859 N. J	190	1 M.	(a)	.75- .75- .75
1860 N. J	190	1 M.	(a)	.75- .75- .75
1861 N. J	190	1 M.	(a)	.75- .75- .75
1862 N. J	190	1 M.	(a)	.75- .75- .75
1863 N. J	190	1 M.	(a)	.75- .75- .75
1864 N. J	190	1 M.	(a)	.75- .75- .75
1865 N. J	190	1 M.	(a)	.77- .77- .77
1865 England	627	(a) (a)	(a)	.97-1.22- —
1866 N. J	190	1 M.	(a)	.77- .77- .77
1867 N. J	190	1 M.	(a)	2.30-2.30-2.30
1868 N. J	190	1 M.	(a)	2.30-2.30-2.30
1869 N. J	190	1 M.	(a)	1.92-1.92-1.92
1870 N. J	190	1 M.	(a)	1.92-1.92-1.92
1871 Mass	267	20 M.	60-60-60	2.49-2.49-2.49
1871 N. J	190	1 M.	(a)	1 92-1.92-1.92
1872 N. J	190	1 M.	(a)	1.92-1.92-1.92
1873 N. J	190	1 M.	(a)	1.92-1.92-1.92
1874 N. J	190	1 M.	(a)	2.30-2.30-2.30
1875 N. J	190	1 M.	(a)	2.30-2.30-2.30
1875 Belgium	169	(a) M.	(a)	1.11-1.85- —
1876 N. J	190	1 M.	(a)	2.30-2.30-2.30
1876 Pa	381	16 M.	(a)	3.25-3.25-3.25
1876 Pa	382	24 M.	(a)	2.13-3.00-2.71
1877 N. J	190	1 M.	(a)	2.30-2.30-2.30
1877 Ohio	359	10 M.	(a)	2.33-2.33-2.33
1878 N. J	190	1 M.	(a)	2.30-2.30-2.30
1879 N. J	190	1 M.	(a)	2.30-2.30-2.30
1879 Pa	384	55 M.	(a)	2.00-3.50-2.95
1880 N. J	190	1 M.	(a)	2.30-2.30-2.30
1880 Ohio	362	10 M.	(a)	2.33-2.33-2.33
1881 N. J	190	1 M.	(a)	3.25-3.25-3.25
1881 France	38	(a) (a)	(a)	.85-1.26- —
1882 N. J	190	1 M.	(a)	3.25-3.25-3.25
1882 Ohio	364	27 M.	48-50-50	3.00-4.00-3.26
1882 Belgium	38	(a) (a)	(a)	.96-1.15- —
1882 Germany	38	(a) (a)	(a)	1.64-1.64-1.64
1883 N. J	190	1 M.	(a)	3.09-3.09-3.09
1883 N. J	322	235 M.	b 60-60-60	1.23-3.24-2.28
1883 Ohio	365	1 M.	50-50-50	2.83-2.83-2.83
1884 N. J	190	1 M.	(a)	3.09-3.09-3.09
1884 N. J	323	168 M.	c 54-60-59	1.99-3.00-2.55
1884 Ohio	366	1 M.	45-45-45	2.00-2.00-2.00
1885 Ill	1	16 M.	60-60-60	4.00-4.00-4.00
1885 N. J	1	40 M.	45-54-47	2.97-3.00-2.99
1885 N. J	190	1 M.	(a)	3.09-3.09-3.09
1885 N. J	324	163 M.	d 45-60-55	2.23-3.67-2.87
1885 Ohio	1	36 M.	60-66-62	3.00-4.01-3.22
1885 Pa	1	26 M.	60-60-60	3.55-3.57-3.56
1885 Pa	389	6 M.	(a)	2.75-2.75-2.75
1885 Ill	208	19 M.	48-48-48	2.74-2.74-2.74
1886 N. J	190	1 M.	(a)	3.25-3.25-3.25
1886 N. J	325	174 M.	e 54-60-56	2.08-3.13-2.49
1886 Belgium	456	(a) M.	(a)	.92-2.22- —
1887 N. J	190	1 M.	(a)	3.25-3.25-3.25
1887 Ohio	369	160 M.	60-60-60	2.50-6.00-3.53
1888 N. J	190	1 M.	(a)	3.25-3.25-3.25
1888 N. J	326	93 M.	f 48-54-51	3.00-5.50-3.18
1888 N. Y	331	56 M.	(a)	2.49-3.12-2.67
1888 Ohio	370	66 M.	(a)	4.00-6.00-4.35
1889 Ind	6	26 M.	40-40-40	2.50-3.83-2.66
1889 N. J	190	1 M.	(a)	3.25-3.25-3.25
1890 Ill	6	51 M.	g 40-40-40	3.15-6.20-4.06
1890 Ind	6	76 M.	h 40-40-40	2.65-6.74-3.99
1890 Md	6	24 M.	40-40-40	2.67-3.67-2.96
1890 Mo	6	8 M.	(a)	3.23-6.18-4.62
1890 N. J	6	120 M.	i 40-45-43	1.99-4.60-3.31
1890 N. J	190	1 M.	(a)	3.25-3.25-3.25
1890 N. Y	6	144 M.	j 45-45-45	2.50-6.05-3.39
1890 N. Y	333	29 M.	(a)	2.20-7.50-6.59
1890 Ohio	6	116 M.	k 40-40-40	2.10-6.38-3.67
1890 Pa	6	158 M.	l 42-45-43	1.70-8.15-4.04
1890 Belgium	6	(a) M.	57-57-57	1.11-1.39- —
1891 N. J	190	1 M.	(a)	3.25-3.25-3.25
1891 N. Y	333	32 M.	(a)	2.20-3.79-2.95
1892 Ind	227	31 M.	48-48-48	2.55-4.33-3.02
1892 N. J	190	1 M.	(a)	3.25-3.25-3.25
1892 Ohio	373	83 (a)	n 47-54-49	3.00-4.00-3.41
1894 Ind	228	11 M.	42-48-45	3.00-10.00-5.27
1894 France	508	(a) M.	48-48-48	.71- .71- .71
1897 N. J	328	48 M.	40-40-40	2.28-3.10-2.62
1898 N. J	329	70 M.	40-40-40	2.16-4.30-3.29

GAUGERS, IRON AND STEEL.

1884	Wales	178	(a) M.	(a)	.89- .97- —	1898	Pa	18	6 M.	(a)	1.25-2.11-1.75
1888	England	5	(a) M.	(a)	.49- .49- .49	1899	Ohio	18	6 M.	(a)	1.38-3.00-1.92
1889	England	5	(a) M.	(a)	.37- .41- —	1899	Pa	18	10 M.	(a)	1.72-3.00-2.15
1898	Ohio	18	5 M.	(a)	1.25-2.00-1.55						

a Not reported.
b Not including hours of 211 persons not reported.
c Not including hours of 67 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 106 persons not reported.
f Not including hours of 84 persons not reported.
g Not including hours of 25 persons not reported.
h Not including hours of 59 persons not reported.
i Not including hours of 50 persons not reported.
j Not including hours of 68 persons not reported.
k Not including hours of 40 persons not reported.
l Not including hours of 127 persons not reported.
n Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GAUGERS, PETROLEUM PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. Y.	331	1 M.	60-60-60	1.75-1.75-1.75	1891 N. Y.	333	1 M.	(a)	1.75-1.75-1.75
1890 N. Y.	333	1 M.	(a)	1.75-1.75-1.75	1896 Ohio	377	4 M.	60-60-60	2.50-2.50-2.50

GAUGERS, RAILROAD.

1870 England	177	(a)	M.	61-61-61	.88- .88- .88	1884 Australia	178	(a)	(a)	(a)	2.19-2.92- —
1871 Brazil	611	(a)	M.	(a)	.75-1.10- —	1884 C. of G'd H.	178	(a)	(a)	(a)	1.46-1.95- —
1878 England	177	(a)	M.	56-56-56	.96- .96- .96	1884 England	178	(a)	M.	(a)	.95-1.30- —
1878 Ireland	177	(a)	M.	(a)	.69- .69- .69						

GEAR MAKERS, CARRIAGES AND WAGONS.

1882 N. J	321	1	M.	(a)	2.50-2.50-2.50	1894 N. Y.	8	2	M.	60-60-60	1.50-2.00-1.75
1883 Mass	273	13	M.	(a)	3.00-3.00-3.00	1894 Ohio	375	57	M.	54-60-57	1.55-2.12-1.81
1883 N. J	322	2	M.	60-60-60	1.50-2.00-1.75	1895 N. Y.	8	11	M.	60-60-60	1.25-2.25-1.64
1885 Ohio	1	92	M.	60-60-60	1.40-2.00-1.77	1895 Ohio	376	12	M.	48-60-55	1.50-2.00-1.85
1890 N. Y.	333	3	M.	(a)	1.75-1.75-1.75	1896 Mich	288	16	M.	60-60-60	1.25-1.80-1.47
1891 N. Y.	333	13	M.	(a)	1.35-3.00-2.05	1896 N. Y.	8	3	M.	60-60-60	3.00-3.00-3.00
1893 Ohio	374	21	M.	54-60-59	1.57-1.75-1.60	1896 Ohio	377	14	M.	48-60-53	1.50-1.75-1.61

GIGGERS, TEXTILES.

1850 R. I	190	2	M.	84-84-84	.83- .83- .83	1880 R. I	190	3	M.	72-72-72	1.00-1.10-1.03
1851 R. I	190	2	M.	84-84-84	.83- .83- .83	1880 England	571	(a)	M.	54-57 —	.61-1.05- —
1852 R. I	190	2	M.	84-84-84	.83- .83- .83	1881 R. I	190	3	M.	72-72-72	1.00-1.10-1.03
1853 R. I	190	2	M.	84-84-84	.83- .83- .83	1881 Australia	34	(a)	(a)	60-60-60	.61- .61- .61
1854 R. I	190	2	M.	84-84-84	.83- .83- .83	1882 N. J	321	31	M.	66-66-66	1.17-1.17-1.17
1855 R. I	190	2	M.	84-84-84	.79- .79- .79	1882 R. I	190	3	M.	72-72-72	1.00-1.10-1.03
1856 R. I	190	2	M.	84-84-84	.79- .79- .79	1882 Canada	33	(a)	(a)	60-60-60	1.50-1.50-1.50
1857 R. I	190	2	M.	84-84-84	.83- .83- .83	1882 England	33	(a)	M.	(a)	.89- .89- .89
1858 R. I	190	2	M.	84-84-84	.79- .79- .79	1882 Germany	33	(a)	(a)	72-72-72	.75- .75- .75
1859 R. I	190	2	M.	84-84-84	.79- .79- .79	1883 Mass	273	55	M.	(a)	1.00-1.25-1.06
1860 R. I	190	2	M.	78-78-78	.79- .79- .79	1883 Mass	273	24	(a)	(a)	.80- .95- .90
1861 R. I	190	2	M.	78-78-78	.79- .79- .79	1883 N. J	322	18	M.	(a)	1.00-1.17-1.13
1862 R. I	190	2	M.	78-78-78	.75- .75- .75	1883 R. I	190	3	M.	72-72-72	1.00-1.10-1.03
1863 R. I	190	2	M.	78-78-78	.83- .83- .83	1884 R. I	190	4	M.	72-72-72	1.10-1.25-1.18
1864 R. I	190	2	M.	78-78-78	1.00-1.00-1.00	1884 Aust-Hun.	178	(a)	(a)	66-66-66	.25- .40- —
1865 R. I	190	2	M.	78-78-78	1.00-1.00-1.00	1884 Canada	466	(a)	F.	61-61-61	.60- .60- .60
1866 R. I	190	2	M.	78-78-78	1.12-1.12-1.12	1884 Scotland	178	(a)	M.	57-57-57	.57- .81- —
1867 R. I	190	2	M.	78-78-78	1.17-1.17-1.17	1885 Del	1	3	M.	60-60-60	1.33-1.33-1.33
1868 R. I	190	2	M.	72-72-72	1.17-1.17-1.17	1885 Me	1	2	M.	66-66-66	1.10-1.10-1.10
1869 R. I	190	2	M.	72-72-72	1.25-1.25-1.25	1885 Mass	1	40	M.	60-60-60	.94-1.50- .97
1870 R. I	190	4	M.	72-72-72	1.25-1.25-1.25	1885 Mass	7	1	M.	60-60-60	1.87-1.87-1.87
1870 France	33	(a)	M.	(a)	.58- .58- .58	1885 Minn	7	2	M.	(a)	1.10-1.40-1.25
1870 France	33	(a)	(a)	(a)	.43- .43- .43	1885 Minn	7	8	F.	(a)	.75- .90- .81
1871 R. I	190	3	M.	72-72-72	1.25-1.25-1.25	1885 N. H	7	1	M.	60-60-60	1.00-1.00-1.00
1871 England	629	(a)	(a)	60-60-60	.73- .93- —	1885 N. Y.	1	16	M.	66-66-66	.75-1.75-1.09
1872 R. I	190	4	M.	72-72-72	1.25-1.25-1.25	1885 N. Y.	7	8	M.	60-60-60	1.00-1.17-1.13
1872 England	185	(a)	M.	54-54-54	.48- .48- .48	1885 Pa	1	20	M.	60-60-60	1.50-1.50-1.50
1872 England	185	(a)	(a)	54-54-54	1.21-1.21-1.21	1885 R. I	190	3	M.	72-72-72	1.10-1.25-1.15
1873 R. I	190	4	M.	72-72-72	1.25-1.25-1.25	1885 Vt	1	22	M.	66-66-66	1.10-1.10-1.10
1874 R. I	190	4	M.	72-72-72	1.07-1.25-1.12	1885 Vt	7	22	M.	60-60-60	.90-1.38- .94
1875 Mass	270	16	M.	(a)	1.23-1.49-1.33	1886 Conn	201	1	M.	(a)	1.15-1.15-1.15
1875 R. I	190	4	M.	72-72-72	1.25-1.25-1.25	1886 Iowa	7	1	M.	60-60-60	1.50-1.50-1.50
1876 R. I	190	3	M.	72-72-72	1.25-1.25-1.25	1886 N. J	325	6	M.	60-60-60	1 25-1.33-1.28
1877 Me	7	5	M.	66-66-66	.88-1.50-1.00	1886 Pa	7	45	M.	c 60-60-60	.88-1.67-1.18
1877 R. I	190	4	M.	72-72-72	1.00-1.00-1.00	1886 R. I	190	4	M.	60-60-60	1.10-1.25-1.18
1877 England	570	(a)	M.	b 54-57 —	.89-1.01 —	1886 England	600	(a)	M.	57-57-57	.66- .97- —
1878 R. I	190	4	M.	72-72-72	1.00-1.00-1.00	1886 Scotland	600	(a)	M.	57-57-57	.76- .76- .76
1879 R. I	190	4	M.	72-72-72	1.00-1.00-1.00	1887 Conn	202	23	M.	(a)	1.28-1.28-1.28

a Not reported.
b Applies to but 3 of the 4 wage quotations.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GIGGERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Conn	202	11 F.	(a)	0.93-0.93-0.93	1890 N. J	6	7 M.	(a)	0.67-1.67-1.31
1887 R. I	190	3 M.	60-60-60	1.10-1.25-1.15	1890 N. Y	6	1 M.	60-60-60	1.10-1.10-1.10
1888 Cal	194	7 M.	(a)	1.00-1.00-1.00	1890 N. Y	333	50 M.	(a)	.75-2.00-1.10
1888 Conn	6	7 M.	(a)	1.00-1.08-1.02	1890 R. I	6	10 M.	(a)	.83-1.12- .91
1888 Del	6	2 M.	(a)	1.25-1.25-1.25	1890 R. I	190	3 M.	60-60-60	1.10-1.25-1.15
1888 N. Y	331	5 M.	b59-59-59	1.13-1.25-1.15	1891 N. J	6	1 M.	60-60-60	1.00-1.00-1.00
1888 R. I	6	11 M.	c60-60-60	.90-1.10-1.01	1891 N. Y	6	2 M.	60-60-60	1.13-1.13-1.13
1888 R. I	190	4 M.	60-60-60	1.10-1.25-1.18	1891 N. Y	333	47 M.	(a)	.75-2.00-1.10
1888 Canada	470	(a) M.	60-60-60	.78- .78- .78	1891 R. I	190	4 M.	60-60-60	1.10-1.25-1.18
1889 Cal	6	9 M.	(a)	.90-3.00-1.17	1892 R. I	190	3 M.	60-60-60	1.25-1.25-1.25
1889 Me	6	13 M.	(a)	1.00-1.35-1.14	1894 R. I	401	1 (a)	(a)	.80- .80- .80
1889 N. H	6	1 M.	60-60-60	1.37-1.37-1.37	1895 Me	7	11 M.	60-60-60	1.00-1.10-1.01
1889 N. Y	6	55 M.	d60-60-60	.63-2.00-1.11	1895 Mass	7	1 M.	58-58-58	1.25-1.25-1.25
1889 R. I	190	4 M.	60-60-60	1.10-1.25-1.18	1895 N. H	7	4 M.	60-60-60	1.00-1.50-1.19
1889 Canada	471	(a) M.	57-57-57	.92- .92- .92	1895 N. Y	7	10 M.	60-60-60	1.00-1.17-1.03
1890 Me	6	3 M.	e60-60-60	1.25-1.25-1.25	1895 Vt	7	18 M.	60-60-60	.90-1.35- .97
1890 Mass	6	6 M.	(a)	1.00-1.20-1.07	1896 Iowa	7	1 M.	60-60-60	1.50-1.50-1.50
1890 Mo	6	16 M.	(a)	.50-1.25- .97	1896 Pa	7	36 M.	60-60-60	.60-1.58-1.28
1890 N. H	6	10 M.	60-60-60	1.15-1.15-1.15					

GILDERS, BOOKBINDERY.

1870 Norway	610	(a) M.	(a)	.81- .90- —	1890 N. Y	333	1 M.	(a)	4.17-4.17-4.17
1871 Norway	185	(a) (a)	(a)	.81- .89- —	1891 Ill	19	1 M.	60-60-60	2.50-2.50-2.50
1878 Scotland	177	(a) M.	54-54-54	1.67-1.67-1.67	1891 Ill	19	11 F.	(a)	.83-1.58-1.14
1880 Scotland	571	(a) F.	54-54-54	.28- .49- —	1891 N. Y	333	1 M.	(a)	4.17-4.17-4.17
1883 Gr't Brit	273	(a) M.	(a)	1.14-1.30- —	1891 France	505	(a) M.	60-77 —	.82-2.70- —
1884 Brazil	178	(a) M.	48-48-48	2.15-2.58- —	1891 France	505	(a) F.	60-60-60	.97- .97- .97
1884 Germany	178	(a) M.	f66-72 —	.48-1.39- —	1891 Italy	638	(a) F.	60-60-60	.09½-.32- —
1884 Germany	178	(a) F.	72-72-72	.24- .36- —	1892 Conn	20	2 M.	60-60-60	3.50-3.50-3.50
1884 Germany	556	(a) F.	60-60-60	.24- .48- —	1892 Ill	19	3 M.	59-59-59	2.50-2.50-2.50
1884 Germany	556	(a) (a)	60-60-60	.60- .95- —	1892 Ill	19	13 F.	59-59-59	.67-1.58-1.08
1884 Scotland	178	(a) F.	54-54-54	.49- .49- .49	1892 Ill	210	20 F.	58-59-59	.67-1.58-1.05
1885 Mass	7	7 M.	55-59-58	2.83-5.28-4.56	1892 France	505	(a) M.	66-66-66	1.35-1.35-1.35
1885 N. Y	7	8 M.	59-59-59	1.31-4.25-2.47	1893 Conn	20	7 M.	60-60-60	3.50-3.50-3.50
1885 Germany	71	(a) M.	72-72-72	.63- .79- —	1893 Ill	10	1 F.	60-60-60	1.25-1.25-1.25
1886 Pa	3	1 F.	59-59-59	1.17-1.17-1.17	1893 Ill	19	2 M.	59-59-59	2.50-2.50-2.50
1886 Germany	548	(a) (a)	(a)	1.98-1.98-1.98	1893 Ill	19	12 F.	59-59-59	.67-1.58-1.10
1887 Ill	3	2 F.	58-59-59	1.00-1.19-1.10	1893 N. Y	6	2 M.	54-60-57	1.50-2.83-2.17
1887 Mass	3	4 F.	55-59-58	.75-1.33-1.04	1893 Italy	639	(a) F.	60-60-60	.09½-.32- —
1887 N. Y	3	3 F.	53-58-55	1.17-1.42-1.28	1894 Conn	20	6 M.	60-60-60	3.50-3.50-3.50
1887 Germany	557	(a) F.	59-59-59	.60- .60- .60	1895 Conn	20	5 M.	60-60-60	3.50-3.50-3.50
1887 Germany	557	(a) (a)	54-66 —	1.19-2.78- —	1895 Mass	7	17 M.	55-58-58	2.53-4.08-3.29
1888 Germany	558	(a) (a)	59-60 —	.79-2.78- —	1899 Mass	18	2 M.	55-55-55	3.72-4.05-3.89
1890 Ill	19	1 M.	60-60-60	2.50-2.50-2.50	1900 Mass	18	6 M.	55-55-55	3.50-3.50-3.50
1890 Ill	19	7 F.	(a)	.83-1.58-1.13					

GILDERS, FURNITURE.

1840 Scotland	563	(a) (a)	60-60-60	.89- .89- .89	1863 England	565	(a) (a)	g60-60-60	.85-1.14- —
1850 Scotland	563	(a) (a)	60-60-60	.89- .89- .89	1863 Ireland	565	(a) (a)	(a)	1.14-1.14-1.14
1855 England	561	(a) (a)	(a)	1.18-1.18-1.18	1868 Italy	610	(a) M.	(a)	.39- .97- —
1855 Scotland	561	(a) (a)	(a)	.89- .89- .89	1869 Peru	609	(a) (a)	(a)	2.19-2.19-2.19
1856 England	561	(a) (a)	(a)	1.18-1.18-1.18	1870 Germany	610	(a) M.	72-72-72	.30- .73- —
1857 England	561	(a) (a)	(a)	1.18-1.18-1.18	1871 England	629	(a) (a)	60-60-60	1.22-1.42- —
1857 Ireland	561	(a) (a)	(a)	.81-1.22- —	1878 England	177	(a) M.	55-55-55	1.22-1.22-1.22
1858 England	562	(a) M.	(a)	1.18-1.18-1.18	1882 Germany	174	(a) (a)	(a)	.48- .95- —
1859 England	563	(a) M.	60-60-60	1.18-1.18-1.18	1883 Gr't Brit	273	(a) M.	(a)	1.28-1.28-1.28
1860 England	564	(a) (a)	60-60-60	1.18-1.18-1.18	1884 France	178	(a) M.	(a)	.97-1.15- —
1860 Scotland	563	(a) (a)	60-60-60	.97- .97- .97	1884 Italy	178	(a) M.	(a)	.60-1.00- —
1861 England	564	(a) (a)	60-60-60	1.18-1.18-1.18	1885 N. Y	7	2 M.	(a)	2.75-2.75-2.75
1861 Scotland	564	(a) (a)	60-60-60	.97- .97- .97	1886 Germany	175	(a) (a)	(a)	.83-1.00- —

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 6 persons not reported.
d Not including hours of 43 persons not reported.
e Not including hours of 2 persons not reported.
f Applies to but 6 of the 9 wage quotations.
g Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GILDERS, FURNITURE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 Ohio	369	54 M.	60-60-60	0.83-3.00-2.03	1893 Ohio	374	40 F.	60-60-60	0.65-0.65-0.65
1887 Ohio	369	27 F.	60-60-60	.83-1.00- .98	1894 Ohio	375	1 F.	48-48-48	1.00-1.00-1.00
1887 Germany	557	(a) (a)	57-57-57	.83-1.19- —	1894 Australia	425	(a) (a)	(a)	1.12-2.11- —
1887 Italy	95	(a) (a)	(a)	.60- .60- .60	1895 N. Y.	7	2 M.	48-48-48	3.00-3.00-3.00
1888 N. Y	331	1 M.	59-59-59	2.00-2.00-2.00	1895 Ohio	376	8 F.	48-48-48	1.00-1.00-1.00
1888 Germany	558	(a) (a)	60-60-60	.83-1.07- —	1895 Australia	426	(a) (a)	(a)	1.12-2.11- —
1889 Mich	281	21 M.	60-60-60	1.00-3.00-1.41	1896 Ohio	377	12 M.	54-54-54	1.35-1.35-1.35
1889 Mich	281	3 (a)	60-60-60	.50- .80- .66	1896 Ohio	377	30 F.	54-54-54	.60- .60- .60
1889 Italy	95	(a) (a)	(a)	2.00-2.00-2.00	1896 Pa	7	1 M.	60-60-60	1.33-1.33-1.33
1891 N. Y	333	11 M.	(a)	2.50-3.00-2.95	1896 Australia	427	(a) (a)	(a)	1.12-2.11- —
1892 England	577	(a) M.	54-54-54	1.55-1.55-1.55	1897 N. Y.	337	20 M.	(a)	1.31-3.57-2.32
1893 Ohio	374	20 M.	60-60-60	1.50-1.50-1.50	1898 N. Y.	338	49 M.	(a)	3.15-3.50-3.19

GILDERS, GLASS.

1860 Russia	609	(a) (a)	(a)	.07½-.27- —	1889 Germany	550	(a) M.	72-72-72	.71-1.39- —
1869 Russia	185	(a) (a)	(a)	.13- .13- .13	1889 Germany	550	(a) F.	72-72-72	.40- .71- —
1884 Aust-Hun	178	(a) M.	66-71 —	.60-1.00- —	1890 N. Y.	333	5 M.	(a)	1.00-2.00-1.42
1884 Italy	178	(a) M.	(a)	.58- .58- .58	1890 N. Y.	333	2 F.	(a)	1.00-1.00-1.00
1888 N. Y.	331	1 F.	53-53-53	1.00-1.00-1.00	1891 N. Y.	333	6 M.	(a)	1.00-2.00-1.38
1888 Germany	558	(a) F.	60-60-60	.40- .71- —	1891 N. Y.	333	1 F.	(a)	1.00-1.00-1.00
1888 Germany	558	(a) (a)	60-60-60	.71-1.39- —	1897 Aust-Hun	437	(a) F.	60-60-60	.30- .30- .30

GILDERS' HELPERS, MOLDING AND PICTURE FRAMES.

1886 Md	7	2 M.	60-60-60	.42- .50- .46	1896 Md	7	3 M.	60-60-60	.50- .50- .50
1888 N. Y.	331	1 F.	53-53-53	1.00-1.00-1.00					

GILDERS, METAL.

1868 Germany	610	(a) M.	72-72-72	.37- .37- .37	1889 Portugal	691	(a) (a)	(a)	.32- .54- —
1880 Conn	7	1 M.	60-60-60	2.50-2.50-2.50	1890 Mich	282	2 M.	60-60-60	.58- .60- .59
1884 Aust-Hun	178	(a) M.	60-60-60	.80-1.07- —	1890 N. Y.	333	5 M.	(a)	2.25-2.50-2.30
1884 Aust-Hun	178	(a) M.	66-66-66	b .33-1.00- —	1891 N. Y.	333	2 M.	(a)	3.00-3.17-3.09
1884 Russia	178	(a) M.	c 68-68-68	.60-1.44- —	1891 Belgium	457	(a) M.	66-66-66	1.16-1.16-1.16
1885 Ill	1	14 M.	60-60-60	1.41-1.41-1.41	1891 France	505	(a) M.	60-60-60	.77-1.93- —
1885 Ill	1	19 F.	60-60-60	1.41-1.41-1.41	1891 France	505	(a) F.	60-60-60	.58- .58- .58
1886 Mo	3	1 F.	60-60-60	.50- .50- .50	1892 France	505	(a) M.	72-72-72	1.90-1.90-1.90
1887 Conn	202	4 M.	(a)	2.26-2.26-2.26	1892 France	505	(a) M.	60-60-60	d .62- .77- —
1887 Conn	202	2 F.	(a)	.98- .98- .98	1894 France	129	(a) M.	60-60-60	.87-1.69- —
1887 N. Y.	3	1 F.	60-60-60	.75- .75- .75	1895 Conn	7	1 M.	60-60-60	3.00-3.00-3.00
1887 Germany	557	(a) F.	57-57-57	.40- .99- —	1895 Mass	7	2 M.	60-60-60	1.00-2.75-1.88
1887 Germany	557	(a) (a)	60-60-60	.95-1.27- —	1895 Mass	7	3 F.	58-58-58	1.00-1.10-1.07
1888 N. Y.	331	4 M.	59-59-59	.50-4.00-1.88	1896 Mass	8	5 M.	58-58-58	1.69-2.18-1.85
1888 Germany	558	(a) F.	60-60-60	.40- .99- —	1896 Mass	8	1 F.	58-58-58	.97- .97- .97
1888 Germany	558	(a) (a)	62-62-62	.83-1.19- —	1896 France	505	(a) M.	60-60-60	.97- .97- .97

GILDERS, MOLDING AND PICTURE FRAMES.

1868 Italy	185	(a) M.	(a)	.40-1.00- —	1883 Germany	555	(a) (a)	66-66-66	.36- .83- —
1873 Sweden	185	(a) M.	60-60-60	.53- .71- —	1884 Mich	278	5 M.	(a)	2.00-2.50-2.30
1873 Switzerl'd	185	(a) M.	(a)	.76- .76- .76	1884 Germany	556	(a) F.	60-60-60	.24- .48- —
1880 Germany	546	(a) M.	(a)	.48- .71- —	1884 Germany	556	(a) (a)	60-60-60	.48-1.11- —
1882 Germany	554	(a) (a)	60-60-60	.60- .99- —	1884 Italy	46	(a) (a)	(a)	.58- .97- —
1883 Mich	277	2 F.	(a)	.65- .65- .65	1886 Ill	208	83 M.	60-60-60	2.00-2.00-2.00
1883 Ohio	2	40 M.	60-60-60	2.00-2.00-2.00	1886 Md	7	11 M.	60-60-60	1.00-2.00-1.39

a Not reported.
b And lodging.
c Applies to but 3 of the 5 wage quotations.
d And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GILDERS, MOLDING AND PICTURE FRAMES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 Md	7	6 F.	60-60-60	0.58-0.83-0.72
1886 Germany	548	(a) (a)	(a)	.60- .95- —
1887 Ill	3	4 F.	50-54-52	.42-1.67-1.06
1887 N. Y	3	2 F.	60-60-60	.67- .67- .67
1887 Ohio	3	5 F.	60-60-60	.38- .75- .55
1887 Wis	409	3 (a)	(a)	1.92-1.92-1.92
1887 Germany	557	(a) F.	57-62 —	.30- .67- —
1887 Germany	557	(a) (a)	54-60 —	.40-1.43- —
1888 Ind	3	4 F.	59-59-59	.50- .67- .59
1888 N. Y	331	31 M.	b59-60-59	2.25-5.50-3.10
1888 N. Y	331	1 F.	53-53-53	1.00-1.00-1.00
1888 Germany	558	(a) F.	66-66-66	.36- .71- —
1888 Germany	558	(a) (a)	60-66 —	.48- .95- —
1889 Mich	281	1 M.	60-60-60	1.25-1.25-1.25
1889 Mich	281	1 (a)	60-60-60	.67- .67- .67
1889 Germany	550	(a) M.	72-72-72	.71-1.07- —
1889 Portugal	691	(a) (a)	(a)	.32- .86- —
1890 N. Y	333	95 M.	(a)	.92-3.33-1.60
1890 Netherl'ds	666	(a) M.	(a)	c .07- .08- —
1891 Mich	283	17 F.	(a)	1.30-1.30-1.30
1891 N. Y	333	128 M.	(a)	.50-3.50-1.47
1891 China	105	(a) (a)	(a)	0.21-0.21-0.21
1891 France	505	(a) M.	66-66-66	1.06-1.30- —
1892 Cal	196	35 M.	60-63-62	.67-3.83-2.07
1892 Australia	424	(a) M.	(a)	1.01-1.82- —
1893 Ill	10	3 M.	59-60-60	1.17-3.33-2.17
1893 Ill	10	1 F.	60-60-60	1.17-1.17-1.17
1893 Md	10	1 M.	66-66-66	1.00-1.00-1.00
1893 Ohio	374	41 M.	48-60-60	1.65-2.50-2.02
1893 Ohio	374	3 F.	48-48-48	.75- .75- .75
1894 Ind	228	3 M.	54-54-54	2.16-2.16-2.16
1894 Ohio	375	40 M.	60-60-60	1.50-2.50-1.89
1894 Ohio	375	25 F.	60-60-60	1.00-1.00-1.00
1894 Aust-Hun	434	(a) M.	60-60-60	.65- .81- —
1894 France	90	(a) M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	106 M.	54-60-59	1.25-2.50-1.62
1895 Ohio	376	30 F.	60-60-60	.75- .75- .75
1896 Md	7	15 M.	60-60-60	1.00-2.00-1.32
1896 Md	7	11 F.	60-60-60	.58-1.00- .74
1896 Ohio	377	87 M.	60-60-60	1.45-2.50-1.69
1896 France	184	(a) (a)	(a)	c.16- .16- .16

GILDERS, PAPER.

1884 Germany	556	(a) F.	66-66-66	.32- .54- —
1884 Germany	556	(a) (a)	60-66 —	.60-1.19- —
1888 N. Y	331	2 M.	(a)	2.50-2.50-2.50
1888 Germany	558	(a) (a)	54-57 —	.71-1.43- —
1891 France	505	(a) M.	60-60-60	1.35-1.54- —
1891 France	505	(a) M.	60-60-60	d.29-1.35- —
1891 France	505	(a) F.	60-60-60	.58- .68- —
1893 Ireland	632	(a) F.	(a)	.24- .24- .24
1894 Ind	228	3 (a)	60-60-60	2.50-2.50-2.50
1894 France	129	(a) M.	(a)	.75- .75- .75

GILDERS, POTTERY PRODUCTS.

1841 England	625	(a) M.	63-63-63	.97- .97- .97
(e) England	561	(a) (a)	(a)	.97-1.46- —
(f) England	563	(a) (a)	(a)	.97-1.46- —
1863 England	565	(a) (a)	62-62-62	.97-1.22- —
1863 Scotland	565	(a) (a)	(a)	1.22-1.22-1.22
1866 England	566	(a) M.	50-57 —	.37-1.10- —
(g) England	567	(a) M.	66-66-66	1.01-1.46- —
1868 Germany	185	(a) M.	(a)	.36- .42- —
1871 England	568	(a) M.	60-60-60	1.95-1.95-1.95
1872 England	185	(a) M.	63-66 —	1.01-1.94- —
1874 England	569	(a) M.	h48-54 —	.57-1.40- —
1877 England	570	(a) M.	i48-48-48	.30-1.30- —
1880 England	571	(a) M.	(a)	1.01-1.01-1.01
1883 England	572	(a) M.	51-51-51	1.22-1.22-1.22
1883 England	572	(a) F.	51-51-51	.73- .73- .73
1884 N. J	7	12 M.	(a)	2.00-2.33-2.19
1884 N. J	7	5 F.	(a)	1.08-1.17-1.15
1885 N. J	324	4 M.	60-60-60	.33-2.00-1.08
1885 N. J	324	2 F.	60-60-60	.33- .33- .33
1886 N. J	325	6 M.	54-54-54	2.00-2.67-2.33
1886 N. J	325	5 F.	54-54-54	1.17-1.50-1.30
1888 N. Y	331	1 M.	58-58-58	1.50-1.50-1.50
1888 England	631	(a) F.	(a)	.41- .41- .41
1889 Portugal	691	(a) (a)	(a)	.65- .86- —
1892 Ohio	373	4 (a)	48-58-56	2.00-3.00-2.75
1892 France	505	(a) M.	70-70-70	.68- .87- —
1893 Gr't Brit	578	(a) M.	54-54-54	1.01-1.22- —
1894 Ohio	375	20 M.	54-60-54	1.80-2.25-2.13
1894 Ohio	375	45 F.	54-54-54	.75-1.32- .93
1895 N. J	7	2 M.	60-60-60	2.00-2.00-2.00
1895 N. J	7	4 F.	60-60-60	1.08-1.67-1.32

GILL BOX TENDERS, WOOLEN GOODS.

1871 England	629	(a) F.	60-60-60	.39- .41- —
1883 Mass	273	14 F.	(a)	.95-1.00- .96
1883 England	43	(a) M.	(a)	.54- .57- —
1883 England	43	(a) F.	(a)	.39- .41- —
1883 England	43	(a) (a)	j56-56-56	.32- .45- —
1883 Gr't Brit	273	(a) F.	(a)	.57- .73- —
1884 England	178	(a) M.	57-57-57	.55- .55- .55
1884 England	178	(a) F.	57-57-57	.39- .39- .39
1885 Md	1	2 M.	66-66-66	40- .40- .40
1886 Pa	7	15 M.	58-58-58	1.25-1.25-1.25
1886 Pa	7	23 F.	60-60-60	.67- .88- .81
1886 R. I	3	3 F.	60-60-60	.88-1.00- .93

a Not reported.
b Not including hours of 5 persons not reported.
c Per hour.
d And *gratifications*.
e Average for 1855–57.
f Average for 1858–60.
g Average for 1867–68.
h Applies to but 2 of the 5 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 5 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GILDERS, FURNITURE—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 England ..	67	(a) F.	56-56-56	0.41-0.41-0.41	1890 Pa	6	8 M.	60-60-60	0.88-.0.88-.0.88
1888 N. Y.....	331	14 (a)	(a)	.70- .70- .70	1890 Pa	6	3 F.	60-60-60	.75- .75- .75
1888 R.I.....	6	9 F.	60-60-60	.90- .90- .90	1893 N.J	327	9 F.	60-60-60	.92-1.00- .96
1889 N.J	6	5 M.	60-60-60	.75- .75- .75	1894 N. Y.....	8	2 M.	60-60-60	.75- .75- .75
1889 N.J	6	11 F.	60-60-60	.75- .75- .75	1894 N. Y.....	8	1 F.	60-60-60	.85- .85- .85
1889 N. Y.....	6	6 M.	(a)	.60-1.00- .69	1894 R.I.....	401	3 (a)	(a)	.75-1.16- .94
1889 N. Y.....	6	13 F.	(a)	.65- .70- .70	1896 Pa	7	15 M.	60-60-60	1.00-1.00-1.00
1889 R.I.....	398	9 F.	60-60-60	.80-1.00- .90	1896 Pa	7	31 F.	60-60-60	.58- .85- .74
1890 N.J	6	2 F.	60-60-60	.75- .75- .75					

GILLERS, CARPETINGS.

1885 N. Y.....	1	1 M.	60-60-60	1.52-1.52-1.52	1891 N. Y.....	333	1 M.	(a)	1.55-1.55-1.55
1890 N. Y.....	333	19 M.	(a)	1.55-1.55-1.55					

GIN HANDS, BRICK, TILE, AND SEWER PIPE.

1893 Ohio	374	95 M.	60-60-60	1.00-1.35-1.09	....	.....	....	.....	.....

GIN HANDS, IRON AND STEEL.

1893 Ohio	374	6 M.	60-60-60	1.00-1.00-1.00	1897 Ohio	377	98 (a)	54-72-65	.75-1.35-1.11
1895 Ohio	376	103 M.	b60-72-69	.75-1.60-1.14					

GIRDLERS, METALLIC GOODS.

1882 Germany .	71	(a) M.	66-75 —	.71-1.19- —	1885 Germany .	71	(a) F.	60-60-60	.40- .40- .40
1884 Germany .	178	(a) M.	60-75 —	.60-2.38- —	1890 N. Y.....	333	2 M.	(a)	2.30-2.70-2.50
1884 Germany .	178	(a) F.	60-60-60	.30- .60- —	1891 N. Y.....	333	2 M.	(a)	2.30-2.70-2.50
1885 Germany .	71	(a) M.	60-75 —	.71-1.07- —					

GIRTHMAKERS, UPHOLSTERING.

1886 Mo.....	3	5 F.	59-59-59	.33- .83- .70	....	.....	....	.....	.....

GLASS BLOWERS (NOT SPECIFIED).

1841 England ..	625	(a) M.	(a)	.73-1.14- —	1879 Pa	384	50 M.	c48-60-52	2.50-4.17-3.48
1860 Ohio	361	3 M.	(a)	2.50-4.00-3.17	1880 N.J	319	8 (a)	48-60-53	2.50-4.00-3.19
1860 Russia	609	(a) (a)	(a)	.25- .39- —	1881 Ill.....	2	60 M.	56-56-56	2.50-2.50-2.50
1869 Italy	610	(a) (a)	(a)	.80- .80- .80	1881 Ohio	363	1 M.	60-60-60	3.00-3.00-3.00
1869 Russia	609	(a) (a)	(a)	.32- .55- —	1881 Pa	386	2 M.	48-54-51	3.00-5.00-4.00
1871 Mass	267	20 M.	60-60-60	4.22-4.22-4.22	1882 Mo.....	294	1 M.	60-60-60	2.25-2.25-2.25
1872 Ohio	361	3 M.	(a)	5.67-6.67-6.33	1882 Ohio	364	2 (a)	44-48-46	3.33-3.67-3.50
1875 Belgium ..	169	(a) M.	(a)	3.70-5.92- —	1882 Pa	387	4 M.	48-60-56	4.00-5.20-4.68
1876 Pa	382	16 M.	(a)	5.80-5.80-5.80	1882 Germany .	615	(a) M.	(a)	.79- .79- .79
1877 N. J.....	317	2 M.	48-48-48	2.50-2.92-2.71	1883 Ky.....	2	29 M.	54-54-54	3.00-3.00-3.00
1878 Belgium ..	177	(a) M.	(a)	2.15-2.49- —	1883 Ohio	365	6 M.	42-60-52	3.75-5.42-4.51
1878 Canada ...	172	(a) M.	(a)	2.25-2.25-2.25	1883 England ..	572	(a) M.	54-54-54	1.62-1.62-1.62
1879 Ohio	361	4 M.	(a)	3.00-4.17-3.88	1883 Scotland ..	572	(a) M.	48-48-48	1.62-1.62-1.62

a Not reported.
b Not including hours of 37 persons not reported.
c Not including hours of 47 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLASS BLOWERS (NOT SPECIFIED)—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mo	295	2	M.	54-60-57	4.17-5.00-4.59
1884 Pa	388	6	M.	(a)	3.50-6.00-4.50
1884 Aust-Hun	178	(a)	M.	66-71 —	.47- .77- —
1884 Belgium	178	(a)	M.	(a)	2.59-4.07- —
1884 Canada	178	(a)	M.	42-42-42	1.83-5.83- —
1884 Canada	466	(a)	M.	48-48-48	.61-3.75- —
1884 England	178	(a)	M.	48-48-48	1.62-1.62-1.62
1884 France	178	(a)	M.	(a)	.97-1.15- —
1884 France	178	(a)	F.	(a)	.24- .29- —
1884 France	178	(a)	(a)	(a)	.24- .29- —
1884 Germany	178	(a)	M.	b 60-65 —	.50-1.20- —
1884 Italy	178	(a)	M.	c 60-84 —	.39-2.32- —
1884 Mexico	178	(a)	(a)	(a)	1.00-3.00- —
1884 Netherl'ds	178	(a)	M.	66-66-66	2.00-2.50- —
1884 N. Zealand	178	(a)	(a)	60-60-60	2.84-4.70- —
1884 Spain	178	(a)	M.	60-63 —	1.15-2.04- —
1885 Canada	467	(a)	M.	50-50-50	3.72-3.73- —
1886 Ohio	368	6	M.	(a)	2.60-4.20-3.26
1886 Pa	2	25	M.	60-60-60	5.00-5.00-5.00
1886 Canada	468	(a)	M.	42-43 —	3.72-4.03- —
1887 N. Y.	331	115	M.	51-51-51	4.60-4.60-4.60
1887 Ohio	369	247	M.	60-72-61	3.00-7.50-4.65
1887 Pa	390	1	M.	60-60-60	3.73-3.73-3.73
1887 Belgium	538	(a)	M.	(a)	2.61-2.61-2.61
1888 N. Y. *	331	13	M.	d 55-55-55	4.00-5.50-4.75
1888 Ohio	370	231	M.	(a)	3.00-7.50-4.75
1888 Germany	615	(a)	M.	(a)	.83-1.25- —
1889 France	463	(a)	(a)	e 63-63-63	.57- .74- —
1889 Germany	615	(a)	M.	(a)	.95-1.51- —
1889 Italy	95	(a)	(a)	(a)	1.20-2.40- —
1890 N. Y.	333	17	M.	(a)	3.10-4.40-4.04
1890 Netherl'ds	666	(a)	M.	f 60-60-60	.54-2.68- —
1891 N. Y.	333	60	M.	(a)	2.57-5.83-3.72
1891 Belgium	632	(a)	(a)	(a)	2.80-3.38- —
1891 China	105	(a)	(a)	(a)	.35- .35- .35
1891 France	505	(a)	M.	60-66 —	.77-1.74- —
1892 Cal.	196	12	M.	48-48-48	3.00-4.50-3.83
1892 Ind	227	166	M.	36-54-53	3.91-5.86-4.81
1892 Ohio	373	448	(a)	37-59-52	3.20-7.00-4.67
1892 England	577	(a)	M.	(a)	1.62-1.82- —
1892 France	505	(a)	M.	45-66 —	.48-1.74- —
1892 France	505	(a)	M.	60-60-60	g .43- .77- —
1892 France	505	(a)	M.	66-70 —	h .53-1.45- —
1892 Germany	667	(a)	(a)	(a)	1.22-1.22-1.22
1892 Russia	692	(a)	(a)	(a)	.39-2.81- —
1893 Md.	10	1	M.	60-60-60	2.50-2.50-2.50
1893 Netherl'ds	632	(a)	(a)	(a)	.67-1.01- —
1894 Ind	228	46	M.	42-60-51	4.40-6.87-5.91
1894 W. Va	406	1	M.	54-54-54	5.00-5.00-5.00
1894 England	590	(a)	M.	(a)	1.14-2.23- —
1894 France	129	(a)	M.	60-60-60	.77-1.45- —
1894 France	508	(a)	M.	i 57-57-57	.89-4.14- —
1894 Spain	632	(a)	(a)	(a)	.58-1.06- —
1895 France	509	(a)	(a)	45-60 —	.27-2.32- —
1896 Ohio	377	5	M.	61-61-61	1.37-1.37-1.37
1896 Ohio	377	13	F.	61-61-61	.58- .58- .58
1896 Aust-Hun	436	(a)	(a)	60-60-60	.74-1.62- —
1896 France	505	(a)	M.	48-48-48	1.54-1.54-1.54
1896 France	510	(a)	F.	57-57-57	.87- .97- —
1897 Ohio	377	565	M.	42-60-52	2.00-5.00-3.76
1897 France	511	(a)	M.	60-60-60	.99-1.04- —
1898 N. J	329	8	M.	57-57-57	2.83-5.00-3.88
1898 Aust-Hun	438	(a)	(a)	66-66-66	g .74- .74- .74
1898 France	512	(a)	M.	57-57-57	1.33-1.49- —
1898 Germany	151	(a)	(a)	(a)	.99-1.43- —

GLASS BLOWERS, BOTTLES.

1841 N. J	190	5	M.	(a)	1.60-4.00-2.49
1842 N. J	190	5	M.	(a)	1.60-4.00-2.49
1843 N. J	190	5	M.	(a)	1.60-4.00-2.49
1844 N. J	190	5	M.	(a)	2.10-4.76-3.09
1845 N. J	190	5	M.	(a)	2.35-4.76-3.22
1845 England	577	(a)	M.	(a)	.65- .97- —
1846 N. J	190	5	M.	(a)	2.35-4.76-3.22
1847 N. J	190	5	M.	(a)	2.60-4.75-3.39
1847 England	577	(a)	M.	(a)	.77- .97- —
1848 N. J	190	5	M.	(a)	2.60-4.75-3.39
1849 N. J	190	5	M.	(a)	2.45-4.00-3.01
1849 England	577	(a)	M.	(a)	.65-1.05- —
1850 N. J	190	5	M.	(a)	2.45-4.00-3.01
1851 N. J	190	5	M.	(a)	2.45-4.00-3.01
1852 N. J	190	5	M.	(a)	2.50-3.75-2.99
1853 N. J	190	5	M.	(a)	2.50-3.75-2.99
1853 England	577	(a)	M.	(a)	.81-1.14- —
1854 N. J	190	5	M.	(a)	2.50-3.75-2.99
1854 England	577	(a)	M.	(a)	1.05-1.22- —
1855 N. J	190	5	M.	(a)	2.25-3.60-2.77
1856 N. J	190	5	M.	(a)	2.25-3.60-2.77
1857 N. J	190	5	M.	(a)	2.25-3.60-2.77
1857 England	577	(a)	M.	(a)	.89- .97- —
1858 N. J	190	5	M.	(a)	2.25-3.60-2.77
1859 N. J	190	5	M.	(a)	2.25-3.08-2.59
1860 N. J	190	5	M.	(a)	2.25-3.08-2.59
1860 England	577	(a)	M.	(a)	1.01-1.09- —
1861 N. J	190	5	M.	(a)	2.10-2.90-2.44
1862 N. J	190	5	M.	(a)	2.25-3.85-2.95
1863 N. J	190	5	M.	(a)	2.25-3.85-2.95
1863 England	632	(a)	(a)	(a)	1.01-1.09- —
1863 Scotland	565	(a)	(a)	(a)	.97- .97- .97
1864 N. J	190	5	M.	(a)	2.25-3.85-2.95
1865 N. J	190	5	M.	(a)	3.36-4.76-3.95
1866 N. J	190	5	M.	(a)	3.36-4.76-3.95
1866 England	577	(a)	M.	(a)	1.14-1.22- —
1867 N. J	190	5	M.	(a)	4.90-5.40-5.14
1867 England	575	(a)	M.	49-49-49	1.22-1.22-1.22
1868 N. J	190	5	M.	(a)	4.87-5.60-5.19
1868 England	575	(a)	M.	49-49-49	1.22-1.22-1.22
1868 Germany	610	(a)	M.	72-72-72	.49- .61- —
1869 N. J	190	5	M.	(a)	4.87-5.60-5.19
1869 England	575	(a)	M.	49-49-49	1.22-1.22-1.22
1870 N. J	190	5	M.	(a)	4.87-5.60-5.19
1870 England	575	(a)	M.	49-49-49	1.22-1.22-1.22
1871 N. J	190	5	M.	(a)	4.87-5.60-5.17
1871 England	575	(a)	M.	49-49-49	1.22-1.22-1.22
1872 N. J	190	5	M.	(a)	4.87-5.60-5.19
1872 England	575	(a)	M.	49-49-49	1.34-1.34-1.34
1872 England	577	(a)	M.	(a)	1.05-1.34- —
1872 Ireland	632	(a)	(a)	(a)	1.28-1.73- —
1872 Scotland	632	(a)	(a)	(a)	1.12-1.77- —
1873 N. J	190	5	M.	(a)	4.87-5.60-5.19
1873 England	575	(a)	M.	49-49-49	1.46-1.46-1.46
1874 N. J	190	5	M.	(a)	4.60-5.40-4.96
1874 England	575	(a)	M.	49-49-49	1.46-1.46-1.46

a Not reported.
b Applies to but 11 of the 15 wage quotations.
c Applies to but 5 of the 8 wage quotations.
d Not including hours of 5 persons not reported.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 2 of the 6 wage quotations.
g And lodging.
h And lodging and fuel.
i Applies to but 7 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLASS BLOWERS, BOTTLES—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 N. J	190	5 M.	(a)	4.34-5.00-4.64
1875 England	575	(a) M.	49-49-49	1.46-1.46-1.46
1876 N. J	190	5 M.	(a)	4.07-4.75-4.36
1876 Pa	381	40 M.	(a)	3.50-3.50-3.50
1876 England	575	(a) M.	49-49-49	1.34-1.34-1.34
1877 N. J	190	5 M.	(a)	3.38-3.90-3.68
1877 England	570	(a) M.	35-35-35	.97- .97- .97
1877 England	575	(a) M.	49-49-49	1.34-1.34-1.34
1878 N. J	190	5 M.	(a)	3.38-3.90-3.68
1878 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1879 N. J	190	5 M.	(a)	3.38-3.90-3.68
1879 Pa	384	82 M.	(a)	3.00-4.00-3.45
1879 England	575	(a) M.	49-49-49	1.09-1.09-1.09
1880 N. J	190	5 M.	(a)	3.50-3.90-3.70
1880 Pa	385	1 M.	54-54-54	5.00-5.00-5.00
1880 England	575	(a) M.	49-49-49	1.09-1.09-1.09
1881 N. J	190	5 M.	(a)	4.87-5.47-5.15
1881 Ohio	363	4 M.	43-50-45	3.58-4.17-3.96
1881 Pa	2	80 M.	58-58-58	4.00-5.00-4.50
1881 England	575	(a) M.	49-49-49	1.09-1.09-1.09
1882 N. J	190	5 M.	(a)	4.87-5.47-5.15
1882 Pa	2	98 M.	54-54-54	4.00-4.50-4.13
1882 England	575	(a) M.	49-49-49	1.09-1.09-1.09
1882 England	577	(a) M.	(a)	1.01-1.22- —
1883 Ky	2	17 M.	52-52-52	5.00-5.00-5.00
1883 N. J	2	47 M.	54-54-54	4.50-4.50-4.50
1883 N. J	190	5 M.	(a)	4.87-5.47-5.15
1883 N. J	322	1010 M.	b48-60-51	2.68-6.33-4.21
1883 Pa	2	30 M.	54-54-54	4.00-4.00-4.00
1883 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1883 England	577	(a) M.	(a)	.97-1.22- —
1884 Ill	2	85 M.	60-60-60	4.00-4.00-4.00
1884 Ky	2	17 M.	52-52-52	5.00-5.00-5.00
1884 N. J	190	5 M.	(a)	4.87-5.47-5.15
1884 N. J	323	765 M.	c36-60-51	1.73-6.00-4.07
1884 Ohio	2	16 M.	54-54-54	3.88-3.88-3.88
1884 Ohio	366	5 M.	48-48-48	3.28-3.28-3.28
1884 Pa	2	270 M.	54-58-58	4.00-5.00-4.83
1884 England	178	(a) M.	48-48-48	1.87-1.87-1.87
1884 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1884 France	178	(a) M.	60-72 —	.77-2.70- —
1884 France	178	(a) M.	60-60-60	d1.85-2.22- —
1884 Germany	178	(a) M.	(a)	.79-1.03- —
1885 Cal	1	28 M.	60-60-60	4.33-4.33-4.33
1885 Ill	2	85 M.	60-60-60	4.00-4.00-4.00
1885 Ky	1	20 M.	60-60-60	4.00-4.00-4.00
1885 Ky	2	17 M.	52-52-52	5.00-5.00-5.00
1885 Mass	2	65 M.	59-59-59	2.89-2.89-2.89
1885 N. J	1	207 M.	48-54-53	4.00-4.77-4.51
1885 N. J	2	35 M.	54-54-54	3.19-3.19-3.19
1885 N. J	190	5 M.	(a)	4.87-5.47-5.15
1885 N. J	324	765 M.	e36-60-52	1.67-15.00-4.08
1885 Ohio	1	16 M.	54-54-54	4.50-4.50-4.50
1885 Ohio	2	23 M.	54-54-54	3.88-3.88-3.88
1885 Pa	1	247 M.	48-60-58	3.98-4.75-4.31
1885 Pa	2	320 M.	54-60-58	4.00-4.60-4.38
1885 Pa	389	20 M.	(a)	5.00-5.00-5.00
1885 W. Va	1	18 M.	60-60-60	4.90-4.90-4.90
1885 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1885 England	577	(a) M.	(a)	.93-1.09- —
1886 Ill	208	63 M.	51-51-51	4.50-4.50-4.50
1886 N. J	2	1269 M.	48-54-54	3.85-4.80-4.04
1886 N. J	190	5 M.	(a)	4.87-5.47-5.15
1886 N. J	325	728 M.	48-60-53	1.33-11.53-4.52
1886 N. Y	2	304 M.	54-60-55	2.00-4.75-3.76
1886 Pa	2	34 M.	54-60-58	4.10-4.50-4.21
1886 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1887 N. J	190	5 M.	(a)	4.61-5.25-4.84
1887 Ohio	369	25 M.	60-60-60	3.20-5.00-4.21
1887 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1888 N. J	190	5 M.	(a)	4.87-5.47-5.15
1888 N. J	326	556 M.	f45-54-52	2.65-8.00-4.95
1888 N. Y	331	99 M.	50-54-52	5.00-5.50-5.27
1888 Canada	470	(a) M.	47-47-47	3.53-3.53-3.53
1888 England	575	(a) M.	49-49-49	1.22-1.22-1.22
1888 Germany	79	(a) M.	69-69-69	.83-1.19- —
1889 Ind	6	14 M.	54-54-54	4.50-5.33-4.56
1889 N. J	6	114 M.	54-54-54	4.00-4.00-4.00
1889 N. J	190	5 M.	(a)	4.87-5.47-5.15
1889 N. Y	6	46 M.	(a)	2.01-6.84-4.78
1889 England	575	(a) M.	48-50 —	1.22-1.22-1.22
1889 England	576	(a) M.	(a)	1.14-1.14-1.14
1889 Portugal	691	(a) (a)	(a)	.43-2.70- —
1890 Cal	195	1 M.	(a)	(g)
1890 Ill	6	294 M.	h54-54-54	2.59-6.50-5.34
1890 Ind	6	113 M.	i54-54-54	3.55-9.70-4.65
1890 Md	6	62 M.	j52-52-52	3.68-4.85-4.35
1890 Mo	6	57 M.	k54-54-54	3.13-6.00-5.37
1890 N. J	6	222 M.	l48-54-51	1.13-5.74-3.77
1890 N. J	190	5 M.	(a)	4.87-5.47-5.15
1890 N. Y	6	113 M.	n44-55-46	3.29-7.73-4.38
1890 N. Y	333	78 M.	(a)	4.25-5.00-4.52
1890 Ohio	6	200 M.	o54-54-54	1.67-6.15-4.27
1890 Pa	6	443 M.	p51-54-53	1.87-9.21-4.40
1890 England	575	(a) M.	48-50 —	1.22-1.22-1.22
1890 England	632	(a) (a)	(a)	1.75-1.83- —
1891 Ill	6	54 (a)	q53-53-53	3.83-4.07-3.96
1891 N. J	190	5 M.	(a)	4.87-5.47-5.15
1891 N. Y	333	93 M.	(a)	3.92-5.00-4.85
1891 England	576	(a) M.	(a)	1.22-1.34- —
1891 Scotland	576	(a) M.	53-53-53	1.62-1.62-1.62
1892 Ind	227	16 M.	54-54-54	5.90-5.90-5.90
1892 N. J	190	5 M.	(a)	4.87-5.47-5.15
1892 England	577	(a) M.	r51-52 —	1.01-1.82- —
1892 England	632	(a) M.	s50-62 —	1.18-2.49- —
1892 France	505	(a) M.	60-84 —	.43- .97- —
1892 France	505	(a) M.	57-70 —	t.68-2.03- —
1892 France	505	(a) M.	45-70 —	d.58-3.09- —
1893 N. J	327	1 F.	55-55-55	.75- .75- .75
1893 France	120	(a) M.	(a)	1.35-1.35-1.35
1893 Italy	639	(a) M.	(a)	.19- .85- —
1894 Australia	425	(a) (a)	(a)	1.95-2.92- —
1894 England	590	(a) M.	u51-51-51	.28-1.30- —
1895 Australia	426	(a) (a)	(a)	1.95-2.92- —
1895 Scotland	591	(a) M.	(a)	1.42-1.62- —
1896 Australia	427	(a) (a)	(a)	1.95-2.92- —
1896 England	586	(a) M.	(a)	1.05-1.34- —
1896 France	505	(a) M.	60-60-60	1.54-2.32- —
1897 Australia	428	(a) (a)	(a)	1.22-3.12- —
1897 England	587	(a) M.	(a)	1.05-1.26- —
1898 N. J	329	737 M.	54-60-54	2.50-10.00-3.97
1898 Australia	429	(a) (a)	(a)	1.22-3.12- —

a Not reported.
b Not including hours of 144 persons not reported.
c Not including hours of 20 persons not reported.
d And lodging and fuel.
e Not including hours of 3 persons not reported.
f Not including hours of 509 persons not reported.
g $10.00-$10.00-$10.00.
h Not including hours of 73 persons not reported.
i Not including hours of 80 persons not reported.
j Not including hours of 44 persons not reported.
k Not including hours of 37 persons not reported.
l Not including hours of 66 persons not reported.
n Not including hours of 55 persons not reported.
o Not including hours of 117 persons not reported.
p Not including hours of 253 persons not reported.
q Not including hours of 24 persons not reported.
r Applies to but 2 of the 10 wage quotations.
s Applies to but 5 of the 8 wage quotations.
t And lodging.
u Applies to but 2 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLASS BLOWERS, LAMP CHIMNEYS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Ohio	359	1 M.	(a)	4.00-4.00-4.00	1888 N. Y.	331	14 M.	(a)	c.27½-.27½-.27½
1876 Pa	381	26 M.	(a)	4.00-4.00-4.00	1888 Canada	470	(a) M.	44-44-44	3.72-3.72-3.72
1877 Ohio	359	25 M.	b55-55-55	2.67-3.40-2.70	1890 N. Y.	6	51 M.	(a)	2.80-4.27-3.11
1878 Ohio	360	34 M.	54-54-54	3.12-3.12-3.12	1890 Ohio	6	203 M.	d50-54-51	3.50-4.13-3.89
1879 Pa	384	133 M.	(a)	3.00-3.66-3.36	1890 Pa	6	126 M.	(a)	2.22-5.56-3.58
1880 Pa	385	1 M.	48-48-48	4.00-4.00-4.00	1892 Ind	227	28 M.	54-54-54	3.35-3.35-3.35
1885 Pa	1	103 M.	60-60-60	4.00-5.00-4.28	1892 Ohio	373	5 M.	60-60-60	2.25-2.25-2.25
1886 Pa	7	45 M.	48-48-48	3.00-4.00-3.61	1896 Pa	7	60 M.	48-48-48	2.75-4.00-3.40
1888 N. Y.	331	27 M.	50-55-51	2.57-2.75-2.61					

GLASS BLOWERS, TABLEWARE.

1872 Ohio	359	2 M.	(a)	5.00-7.50-6.25	1887 Ohio	369	16 M.	60-60-60	3.50-3.50-3.50
1876 Pa	381	3 M.	(a)	5.00-5.00-5.00	1888 N. Y.	331	24 M.	55-58-55	2.17-4.00-3.85
1877 Ohio	359	1 M.	54-54-54	5.83-5.83-5.83	1891 Belgium	457	(a) M.	66-66-66	3.38-3.38-3.38
1879 Pa	384	10 M.	(a)	3.25-3.25-3.25	1892 France	505	(a) M.	60-66 —	.71-1.45- —
1884 Belgium	178	(a) M.	72-72-72	1.67-2.83- —	1894 France	508	(a) M.	57-57-57	1.48-1.85- —
1885 Ohio	1	4 M.	60-60-60	4.00-4.00-4.00	1896 Ohio	7	10 M.	60-60-60	3.11-4.82-3.88
1885 Ohio	7	6 M.	(a)	3.42-4.40-3.94					

GLASS BLOWERS, WINDOW GLASS.

1841 N. J	190	1 M.	(a)	2.92-2.92-2.92	1874 N. J	190	1 M.	(a)	4.40-4.40-4.40
1842 N. J	190	1 M.	(a)	2.92-2.92-2.92	1875 N. J	190	1 M.	(a)	4.40-4.40-4.40
1843 N. J	190	1 M.	(a)	2.92-2.92-2.92	1876 N. J	190	1 M.	(a)	4.84-4.84-4.84
1844 N. J	190	1 M.	(a)	2.92-2.92-2.92	1876 Pa	382	8 M.	(a)	5.00-5.00-5.00
1845 N. J	190	1 M.	(a)	2.92-2.92-2.92	1877 N. J	190	1 M.	(a)	4.84-4.84-4.84
1846 N. J	190	1 M.	(a)	3.75-3.75-3.75	1877 Ohio	359	13 M.	e54-55-55	4.67-5.00-4.70
1847 N. J	190	1 M.	(a)	3.75-3.75-3.75	1878 N. J	190	1 M.	(a)	4.84-4.84-4.84
1848 N. J	190	1 M.	(a)	3.75-3.75-3.75	1878 Ohio	360	20 M.	f50-51-51	2.64-4.49-4.15
1849 N. J	190	1 M.	(a)	3.75-3.75-3.75	1879 N. J	190	1 M.	(a)	4.84-4.84-4.84
1850 N. J	190	1 M.	(a)	3.75-3.75-3.75	1879 Pa	384	55 M.	(a)	3.00-6.00-5.31
1851 N. J	190	1 M.	(a)	4.00-4.00-4.00	1880 N. J	190	1 M.	(a)	5.35-5.35-5.35
1852 N. J	190	1 M.	(a)	4.00-4.00-4.00	1880 Ohio	362	10 M.	(a)	4.00-4.00-4.00
1853 N. J	190	1 M.	(a)	4.00-4.00-4.00	1880 Pa	385	3 M.	60-60-60	4.50-6.00-5.47
1854 N. J	190	1 M.	(a)	4.00-4.00-4.00	1881 N. J	190	1 M.	(a)	5.00-5.00-5.00
1855 N. J	190	1 M.	(a)	4.00-4.00-4.00	1882 N. J	190	1 M.	(a)	5.00-5.00-5.00
1856 N. J	190	1 M.	(a)	4.00-4.00-4.00	1882 Ohio	364	27 (a)	50-50-50	6.00-8.00-6.52
1857 N. J	190	1 M.	(a)	4.00-4.00-4.00	1882 Belgium	38	(a) (a)	(a)	1.92-5.75- —
1858 N. J	190	1 M.	(a)	4.00-4.00-4.00	1882 England	38	(a) (a)	(a)	1.42-2.43- —
1859 N. J	190	1 M.	(a)	3.32-3.32-3.32	1882 Italy	38	(a) (a)	(a)	g2.32-2.32-2.32
1860 N. J	190	1 M.	(a)	3.32-3.32-3.32	1883 Mass	2	30 M.	60-60-60	2.50-2.50-2.50
1861 N. J	190	1 M.	(a)	3.32-3.32-3.32	1883 N. J	190	1 M.	(a)	4.75-4.75-4.75
1862 N. J	190	1 M.	(a)	3.32-3.32-3.32	1883 N. J	322	239 M.	h60-60-60	1.92-4.98-3.61
1863 N. J	190	1 M.	(a)	3.32-3.32-3.32	1884 N. J	190	1 M.	(a)	4.75-4.75-4.75
1864 N. J	190	1 M.	(a)	3.32-3.32-3.32	1884 Ill.	323	195 M.	i45-60-57	3.07-6.67-3.88
1865 N. J	190	1 M.	(a)	4.50-4.50-4.50	1885 N. J	1	16 M.	60-60-60	6.25-6.25-6.25
1865 England	627	(a) (a)	(a)	1.62-3.24- —	1885 N. J	1	32 M.	45-45-45	4.50-4.50-4.50
1866 N. J	190	1 M.	(a)	5.00-5.00-5.00	1885 N. J	190	1 M.	(a)	4.75-4.75-4.75
1867 N. J	190	1 M.	(a)	7.07-7.07-7.07	1885 N. J	324	171 M.	j45-60-55	3.33-6.67-4.31
1868 N. J	190	1 M.	(a)	7.07-7.07-7.07	1885 N. Y.	2	24 M.	60-60-60	2.84-2.84-2.84
1868 France	38	(a) (a)	(a)	2.59-3.70- —	1885 Ohio	1	37 M.	60-66-62	4.50-6.08-5.08
1869 N. J	190	1 M.	(a)	5.00-5.00-5.00	1885 Pa	1	27 M.	60-60-60	5.46-5.50-5.48
1870 N. J	190	1 M.	(a)	5.00-5.00-5.00	1886 Ill.	208	20 M.	48-48-48	4.22-4.22-4.22
1871 N. J	190	1 M.	(a)	5.00-5.00-5.00	1886 N. J	190	1 M.	(a)	5.00-5.00-5.00
1872 N. J	190	1 M.	(a)	5.00-5.00-5.00	1886 N. J	325	174 M.	k54-57-55	3.08-4.77-3.67
1872 Ohio	359	2 M.	(a)	5.83-10.00-7.92	1886 Belgium	456	(a) (a)	(a)	2.22-14.80- —
1872 Belgium	185	(a) M.	(a)	1.50-1.50-1.50	1887 N. J	190	1 M.	(a)	5.00-5.00-5.00
1873 N. J	190	1 M.	(a)	5.00-5.00-5.00	1888 N. J	190	1 M.	(a)	5.00-5.00-5.00

a Not reported.
b Not including hours of 24 persons not reported.
c Per hour.
d Not including hours of 62 persons not reported.
e Not including hours of 11 persons not reported.
f Not including hours of 1 person not reported.
g And lodging.
h Not including hours of 211 persons not reported.
i Not including hours of 48 persons not reported.
j Not including hours of 8 persons not reported.
k Not including hours of 103 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLASS BLOWERS, WINDOW GLASS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 N. J	326	99 M.	a48-57-52	4.50-10.00-4.80
1888 N. Y	331	40 M.	(b)	3.83-4.79-4.22
1889 Ind	6	25 M.	40-40-40	3.83-4.42-4.04
1889 N. J	190	1 M.	(b)	5.00-5.00-5.00
1889 Portugal	691	(b) (b)	(b)	.26-5.40- —
1890 Ill	6	48 M.	c40-40-40	4.18-10.12-6.54
1890 Ind	6	65 M.	d40-40-40	3.51-13.37-6.11
1890 Md	6	24 M.	40-40-40	4.50-7.00-5.25
1890 Mo	6	9 M.	(b)	5.68-10.23-7.64
1890 N. J	6	111 M.	e40-45-43	3.09-9.00-5.03
1890 N. J	190	1 M.	(b)	5.00-5.00-5.00
1890 N. Y	6	140 M.	f45-45-45	3.78-10.73-5.30
1890 N. Y	333	24 M.	(b)	7.50-7.50-7.50
1890 Ohio	6	112 M.	g40-40-40	2.86-9.58-5.43
1890 Ohio	371	211 M.	39-72-52	3.00-12.00-4.52
1890 Pa	6	137 M.	h45-45-45	2.84-12.07-6.26
1890 Belgium	6	(b) M.	57-57-57	2.57-3.80- —
1891 N. J	190	1 M.	(b)	5.00-5.00-5.00
1891 N. Y	333	24 M.	(b)	4.17-5.83-4.65
1891 Belgium	457	(b) M.	54-60 —	2.80-3.22- —
1892 Ind	227	6 M.	48-48-48	6.00-6.00-6.00
1892 N. J	190	1 M.	(b)	5.00-5.00-5.00
1892 Ohio	373	3 (b)	49-49-49	8.00-8.00-8.00
1894 Ind	228	2 M.	48-48-48	4.00-7.50-5.75
1894 France	508	(b) M.	48-48-48	1.14-1.14-1.14
1895 France	509	(b) (b)	51-51-51	2.22-4.44- —
1897 N. J	328	48 M.	40-40-40	3.17-5.17-4.00
1898 N. J	329	70 M.	40-40-40	3.00-7.17-4.87

GLAZERS, CLAY AND POTTERY PRODUCTS.

1840	Ohio	8	2	M.	60-60-60	.70- .70- .70	1892	Ohio	373	6	M.	55-59-56	.95-1.10-1.00
1868	Germany	610	(b)	F.	72-72-72	.16- .24- —	1892	Ohio	373	8	F.	55-59-57	.75- .95- .85
1882	Ohio	364	19	(b)	i48-72-57	1.00-3.50-1.94	1892	Ohio	373	19	(b)	57-60-59	.50-1.25- .83
1884	W. Va	7	9	F.	59-59-59	.75- .92- .81	1893	Mass	8	3	M.	60-60-60	1.25-1.50-1.33
1884	Germany	178	(b)	F.	66-66-66	.20- .20- .20	1894	Ind	228	5	F.	45-45-45	.51- .95- .61
1884	Italy	178	(b)	F.	60-60-60	.14- .20- —	1894	Mass	8	4	M.	60-60-60	1.50-2.00-1.67
1884	Italy	178	(b)	(b)	60-60-60	.09- .14- —	1894	Ohio	375	2	M.	60-60-60	1.75-1.75-1.75
1888	Ind	3	2	F.	55-55-55	.67- .67- .67	1896	Pa	8	1	M.	60-60-60	1.50-1.50-1.50
1889	Portugal	691	(b)	(b)	(b)	.43- .59- —	1896	W. Va	7	15	F.	59-59-59	.75-1.25- .89
1891	Italy	638	(b)	M.	(b)	.23- .39- —	1896	Aust-Hun	436	(b)	F.	60-60-60	.27- .27- .27
1892	Ind	227	26	F.	54-60-55	.68- .69- .69	1897	Pa	8	1	M.	60-60-60	1.50-1.50-1.50
1892	Mass	8	2	M.	60-60-60	1.25-1.25-1.25							

GLAZERS, FUR GOODS.

1881	N. J	7	1	M.	59-59-59	2.50-2.50-2.50	1895	N. J	7	2	M.	53-54-54	3.67-4.17-3.92
1884	N. J	7	1	M.	(b)	3.00-3.00-3.00							

GLAZERS, PAPER.

1863	England	565	(b)	M.	(b)	.65-1.01- —	1890	N. Y	333	18	M.	(b)	.58- .58- .58
1877	England	570	(b)	M.	60-60-60	.77- .77- .77	1891	France	505	(b)	M.	60-66 —	.97-1.93- —
1883	Scotland	572	(b)	M.	57-57-57	.81- .81- .81	1893	Ireland	632	(b)	F.	(b)	.20- .20- .20
1884	Scotland	178	(b)	F.	51-51-51	.45- .45- .45	1894	France	129	(b)	M.	(b)	.97-1.35- —
1886	N. Y	3	6	F.	60-60-60	.83-1.00- .89							

GLAZIERS.

1839	England	563	(b)	M.	58-58-58	.89- .89- .89	1866	Germany	185	(b)	M.	(b)	.44- .44- .44
1849	England	563	(b)	M.	58-58-58	.89- .89- .89	1867	Germany	185	(b)	M.	(b)	.48- .48- .48
1853	France	113	(b)	M.	(b)	.40- .72- —	1868	Germany	185	(b)	M.	(b)	.48- .48- .48
1859	England	563	(b)	M.	58-58-58	.97- .97- .97	1869	Germany	609	(b)	M.	(b)	.24- .24- .24
1860	Germany	185	(b)	M.	(b)	.18- .18- .18	1870	Germany	610	(b)	M.	72-72-72	.24- .61- —
1864	Germany	185	(b)	M.	(b)	.21- .21- .21	1870	Germany	610	(b)	M.	78-78-78	j.91-2.43- —
1864	Germany	610	(b)	M.	(b)	.43- .49- —	1870	Italy	610	(b)	M.	(b)	.48- .48- .48
1865	Germany	185	(b)	M.	(b)	.44- .44- .44	1870	Switzerl'd	610	(b)	M.	(b)	.39- .58- —

a Not including hours of 84 persons not reported.
b Not reported.
c Not including hours of 22 persons not reported.
d Not including hours of 48 persons not reported.
e Not including hours of 43 persons not reported.
f Not including hours of 52 persons not reported.
g Not including hours of 36 persons not reported.
h Not including hours of 127 persons not reported.
i Not including hours of 4 persons not reported.
j And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLAZIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 France	712	(a) M.	(a)	0.56-1.06- —
1871 Germany	185	(a) M.	(a)	.42- .72- —
1871 Germany	185	(a) M.	(a)	b .18- .30- —
1871 Italy	610	(a) M.	60-60-60	.39- .39- .39
1871 Turk. in A.	611	(a) (a)	(a)	.53- .53- .53
1872 France	185	(a) M.	(a)	.77- .77- .77
1873 Germany	177	(a) M.	(a)	.71- .71- .71
1873 Sweden	167	(a) M.	66-66-66	.54- .67- —
1873 Switzerl'd.	185	(a) M.	(a)	.50- .50- .50
1874 Germany	177	(a) M.	(a)	.71- .71- .71
1874 Scotland	177	(a) M.	51-51-51	1.02-1.02-1.02
1875 France	177	(a) (a)	(a)	1.00-1.10- —
1875 France	496	(a) M.	(a)	.48-1.06- —
1875 Germany	177	(a) M.	(a)	.66- .66- .66
1875 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11
1876 France	497	(a) M.	(a)	.48-1.16- —
1876 Germany	177	(a) M.	(a)	.66- .66- .66
1876 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11
1877 England	570	(a) M.	c 49-57 —	1.15-1.64- —
1877 England	570	(a) M.	(a)	d .14- .18½- —
1877 Germany	171	(a) M.	(a)	.63- .63- .63
1877 Scotland	570	(a) M.	51-51-51	1.12-1.21- —
1878 Canada	177	(a) M.	(a)	1.50-1.75- —
1878 Denmark	177	(a) M.	(a)	.66- .66- .66
1878 Denmark	177	(a) F.	(a)	.35- .35- .35
1878 France	177	(a) M.	c 48-60 —	.70-1.68- —
1878 France	498	(a) M.	(a)	.51-1.25- —
1878 Germany	177	(a) M.	(a)	.60- .94- —
1878 Scotland	177	(a) M.	51-54 —	1.19-1.26- —
1879 France	499	(a) M.	(a)	.50-1.09- —
1880 England	571	(a) M.	50-60 —	.32-1.54- —
1880 France	500	(a) M.	(a)	.52-1.09- —
1881 France	501	(a) M.	(a)	.52-1.09- —
1881 Scotland	29	(a) (a)	51-51-51	1.06-1.06-1.06
1882 France	502	(a) M.	(a)	.53-1.25- —
1882 Germany	71	(a) M.	60-60-60	.71- .71- .71
1882 Germany	174	(a) (a)	72-72-72	.48- .95- —
1882 Germany	554	(a) (a)	(a)	.48-1.19- —
1882 Germany	554	(a) (a)	(a)	b .14- .20- —
1882 Scotland	37	(a) M.	51-51-51	1.06-1.06-1.06
1883 England	572	(a) (a)	56-58 —	.81-1.09- —
1883 France	503	(a) M.	(a)	.53-1.16- —
1883 Germany	47	(a) (a)	72-72-72	.71- .71- .71
1883 Germany	555	(a) (a)	f 60-60-60	.60-1.07- —
1883 Germany	555	(a) (a)	f 60-60-60	b .24- .36- —
1883 Gr't Brit.	273	(a) M.	(a)	1.04-1.57- —
1884 Cal	192	5 M.	60-60-60	3.75-3.75-3.75
1884 Mo	295	1 M.	60-60-60	2.50-2.50-2.50
1884 Aust-Hun	178	(a) M.	60-60-60	.53- .80- —
1884 Canada	466	(a) M.	60-60-60	1.70-1.70-1.70
1884 France	178	(a) M.	60-60-60	.97-1.27- —
1884 France	504	(a) M.	(a)	.52-1.16- —
1884 Germany	178	(a) M.	g 60-72 —	.46-1.19- —
1884 Germany	556	(a) (a)	f 48-48-48	.48-1.19- —
1884 Germany	556	(a) (a)	48-48-48	b .24- .48- —
1884 Italy	178	(a) M.	60-60-60	.50- .50- .50
1884 Malta	178	(a) M.	54-60 —	.36- .48- —
1884 Spain	178	(a) M.	60-63 —	.19- .90- —
1884 Switzerl'd.	178	(a) M.	h 66-66-66	.58- .97- —
1885 Australia	175	(a) (a)	(a)	2.19-2.43- —
1885 France	494	(a) M.	(a)	.61-1.06- —
1885 Germany	71	(a) M.	60-60-60	.63- .71- —
1885 Germany	547	(a) M.	(a)	.56- .79- —
1885 Germany	547	(a) (a)	(a)	b .32- .48- —
1885 Switzerl'd.	709	(a) (a)	60-60-60	0.87-0.87-0.87
1886 Cal	193	43 M.	60-60-60	2.00-3.75-2.61
1886 Cal	193	15 M.	72-72-72	i 3.00-3.00-3.00
1886 France	495	(a) M.	(a)	.61-1.06- —
1886 Germany	548	(a) (a)	(a)	.63- .99- —
1886 Netherl'ds	456	(a) (a)	60-60-60	.67- .97- —
1887 Ohio	369	48 M.	60-60-60	1.50-2.00-1.85
1887 Wis	409	5 M.	(a)	2.00-2.17-2.10
1887 Belgium	598	(a) M.	(a)	1.07-1.07-1.07
1887 France	495	(a) M.	(a)	.61-1.06- —
1887 Germany	557	(a) (a)	60-60-60	.48- .88- —
1887 Netherl'ds	598	(a) (a)	60-60-60	.68- .97- —
1888 N. Y.	331	50 M.	j 53-60-57	1.17-3.67-2.51
1888 Canada	470	(a) M.	56-56-56	1.72-1.72-1.72
1888 Germany	558	(a) (a)	60-60-60	.71-1.27- —
1889 Mich	281	3 M.	60-60-60	1.33-2.29-1.87
1890 N. Y.	333	33 M.	(a)	.84-4.00-1.69
1891 N. Y.	333	45 M.	(a)	1.00-4.00-1.88
1891 Ohio	373	1 (a)	60-60-60	2.00-2.00-2.00
1891 China	105	(a) (a)	(a)	.19- .19- .19
1891 France	522	(a) M.	(a)	.61-1.06- —
1891 Germany	551	(a) (a)	(a)	.79- .79- .79
1892 Cal	196	1 M.	57-57-57	2.50-2.50-2.50
1892 Mich	284	34 M.	(a)	1.94-2.25-2.21
1892 Ohio	373	110 (a)	k 53-60-59	1.00-3.50-1.96
1892 Australia	424	(a) M.	(a)	1.22-2.43- —
1892 Denmark	595	(a) M.	(a)	.81- .88- —
1892 England	632	(a) (a)	(a)	d .17- .17- .17
1892 France	505	(a) M.	60-60-60	.72- .72- .72
1892 Germany	184	(a) M.	(a)	.83- .83- .83
1892 Scotland	577	(a) M.	54-54-54	1.28-1.28-1.28
1892 Scotland	632	(a) M.	51-51-51	1.21-1.21-1.21
1892 Spain	115	(a) M.	(a)	.35- .40- —
1893 Ill	10	11 M.	48-60-55	.33-2.50-1.68
1893 Md	10	1 M.	60-60-60	1.33-1.33-1.33
1893 Mont	307	1 M.	(a)	2.25-2.25-2.25
1893 N. H	315	1 M.	60-60-60	3.00-3.00-3.00
1893 N. Y.	10	6 M.	l 48-72-58	.17-2.50-1.64
1893 Ohio	374	6 M.	54-60-59	1.00-1.75-1.49
1893 Pa	10	6 M.	48-60-55	.50-1.33-1.03
1893 Aust-Hun	448	(a) M.	66-66-66	.41- .61- —
1893 Aust-Hun	448	(a) M.	66-66-66	b .10- .27- —
1893 Germany	11	(a) M.	(a)	.87-1.03- —
1893 Scotland	578	(a) M.	51-51-51	1.29-1.29-1.29
1894 Ga	8	3 M.	60-60-60	1.35-1.65-1.50
1894 Ind	228	2 M.	54-54-54	1.01-1.01-1.01
1894 Iowa	236	9 M.	48-60-57	1.00-2.50-1.61
1894 Me	260	3 M.	60-60-60	1.50-2.00-1.72
1894 N. Y.	8	2 M.	60-60-60	1.50-3.00-2.25
1894 Ohio	375	12 M.	l 48-60-56	.90-2.00-1.46
1894 Australia	425	(a) (a)	(a)	1.62-2.03- —
1894 England	584	(a) M.	(a)	d .13- .14- —
1894 Scotland	590	(a) M.	(a)	d .14- .15- —
1895 Mo	304	4 M.	(a)	1.00-2.10-1.55
1895 N. Y.	8	7 M.	60-60-60	1.50-2.50-1.96
1895 Ohio	376	32 M.	54-60-60	.83-2.00-1.79
1895 Australia	426	(a) (a)	(a)	1.62-2.03- —
1895 Belgium	458	(a) (a)	(a)	.77- .77- .77
1895 Belgium	458	(a) (a)	(a)	d .07½-.07½-.07½
1895 Spain	133	(a) M.	(a)	.35- .40- —
1896 Ga	15	1 M.	(a)	1.17-1.17-1.17
1896 Mass	14	10 M.	54-54-54	2.50-2.50-2.50
1896 Ohio	377	30 M.	54-60-60	1.48-2.22-1.80
1896 Algeria	505	(a) M.	(a)	.87- .97- —

a Not reported.
b And board and lodging.
c Applies to but 16 of the 17 wage quotations.
d Per hour.
e Applies to but 2 of the 5 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 7 of the 10 wage quotations.
h Applies to but 2 of the 4 wage quotations.
i And board.
j Not including hours of 19 persons not reported.
k Not including hours of 3 persons not reported.
l Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLAZIERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 Algeria ...	505	(a) M.	(a)	b0.08½-.09½- —	1897 Australia .	428	(a) (a)	(a)	1.22-2.03- —
1896 Australia .	427	(a) (a)	(a)	1.62-2.03- —	1897 Aust-Hun .	437	(a) (a)	57-57-57	.89- .89- .89
1896 Corsica....	505	(a) M.	(a)	.34- .34- .34	1897 Belgium ..	144	(a) M.	(a)	b.07½-.07½-.07½
1896 Corsica....	505	(a) M.	(a)	b.05- .05- .05	1898 N. Y.....	3o8	208 M.	(a)	2.00-3.00-2.36
1896 France....	184	(a) (a)	(a)	b.14- .14- .14	1898 Australia .	429	(a) (a)	(a)	1.22-2.03- —
1896 France....	505	(a) M.	(a)	.48-1.25- —	1898 Belgium ..	454	(a) (a)	(a)	b.07- .07- .07
1896 France....	505	(a) M.	(a)	b.05- .15½- —	1898 Denmark .	493	(a) M.	60-60-60	.80-1.12- —
1896 France....	505	(a) M.	(a)	c.25- .25- .25	1898 Scotland ..	594	(a) (a)	(a)	1.13-1.47- —
1896 Germany .	560	(a) M.	60-60-60	.95- .95- .95	1899 N. Zealand	681	(a) M.	44-44-44	2.23-2.23-2.23
1896 Scotland ..	592	(a) M.	(a)	1.22-1.38- —	1899 Scotland ..	588	(a) (a)	(a)	.98-1.42- —
1897 N. Y.....	337	152 M.	(a)	2.50-2.50-2.50					

GLAZIERS' HELPERS.

1888 N. Y.....	331	1	M.	60-60-60	1.00-1.00-1.00	1891 Mo.....	300	1	M.	(a)	.95- .95- .95
1888 Aust-Hun .	447	(a)	M.	(a)	.08½- .58- —	1895 N. Y.....	8	3	M.	60-60-60	1.00-1.50-1.25
1890 N. Y.....	333	1	M.	(a)	1.41-1.41-1.41						

GLOBE MAKERS.

1872 Mass	268	14	F.	(a)	1.08-1.08-1.08	1891 N. Y.....	333	1	M.	(a)	1.50-1.50-1.50
1890 N. Y.....	333	1	M.	(a)	1.38-1.38-1.38						

GLOBE MAKERS' HELPERS.

1890 N. Y.....	333	1	M.	(a)	.75- .75- .75	1891 N. Y.....	333	1	M.	(a)	1.00-1.00-1.00

GLOSSERS, LEATHER.

1856 Mass	190	1	M.	66-66-66	1.00-1.00-1.00	1880 Mass	190	4	M.	60-60-60	1.33-2.00-1.63
1857 Mass	190	1	M.	66-66-66	.83- .83- .83	1881 Mass	190	4	M.	60-60-60	1.50-2.00-1.69
1858 Mass	190	1	M.	66-66-66	1.17-1.17-1.17	1882 Mass	190	4	M.	60-60-60	1.58-2.00-1.73
1859 Mass	190	1	M.	66-66-66	1.17-1.17-1.17	1883 Mass	190	4	M.	60-60-60	1.50-2.00-1.69
1860 Mass	190	1	M.	66-66-66	1.17-1.17-1.17	1884 Mass	190	4	M.	60-60-60	1.58-2.00-1.77
1861 Mass	190	1	M.	66-66-66	1.33-1.33-1.33	1885 Mass	190	6	M.	60-60-60	1.33-1.67-1.53
1862 Mass	190	1	M.	66-66-66	1.50-1.50-1.50	1886 Mass	190	7	M.	60-60-60	1.33-1.67-1.52
1863 Mass	190	1	M.	66-66-66	1.67-1.67-1.67	1887 Mass	190	2	M.	60-60-60	1.50-1.67-1.59
1864 Mass	190	2	M.	66-66-66	1.33-2.00-1.67	1888 Mass	190	1	M.	60-60-60	1.83-1.83-1.83
1865 Mass	190	2	M.	66-66-66	1.33-2.00-1.67	1888 N. Y.....	331	2	M.	59-59-59	1.50-1.50-1.50
1866 Mass	190	2	M.	66-66-66	1.50-2.00-1.75	1889 Mass	190	1	M.	60-60-60	1.83-1.83-1.83
1867 Mass	190	2	M.	66-66-66	1.67-1.83-1.75	1889 Portugal ..	691	(a)	(a)	(a)	.65- .65- .65
1868 Mass	190	3	M.	66-66-66	1.83-1.83-1.83	1890 Mass	190	1	M.	60-60-60	1.83-1.83-1.83
1869 Mass	190	3	M.	66-66-66	1.83-2.00-1.94	1890 N. Y.....	333	17	M.	(a)	1.00-2.25-1.07
1870 Mass	190	3	M.	60-60-60	2.00-2.00-2.00	1891 Mass	190	1	M.	60-60-60	2.33-2.33-2.33
1871 Mass	190	3	M.	60-60-60	2.00-2.00-2.00	1891 N. Y.....	333	26	M.	(a)	.67-2.25-1.18
1872 Mass	190	4	M.	60-60-60	1.67-2.00-1.92	1891 France....	505	(a)	M.	60-69 —	.77-2.22- —
1873 Mass	190	8	M.	60-60-60	1.67-2.00-1.92	1891 France....	505	(a)	F.	48-48-48	.53- .68- —
1874 Mass	190	8	M.	60-60-60	1.83-2.00-1.94	1892 Mass	190	1	M.	60-60-60	2.34-2.34-2.34
1875 Mass	190	8	M.	60-60-60	1.67-2.17-1.79	1892 France....	505	(a)	M.	59-59-59	.97- .97- .97
1876 Mass	190	4	M.	60-60-60	1.50-2.17-1.88	1894 N. Y.....	8	27	M.	60-60-60	1.50-1.66-1.59
1877 Mass	190	3	M.	60-60-60	1.50-2.17-1.89	1894 France....	129	(a)	M.	(a)	.97- .97- .97
1878 Mass	190	3	M.	60-60-60	1.67-2.17-1.94	1898 France....	512	(a)	M.	60-60-60	1.54-1.54-1.54
1879 Mass	190	3	M.	60-60-60	1.50-2.00-1.67						

a Not reported.
b Per hour.
c And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLOVE MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1841 England ..	625	(a) M.	(a)	0.30-0.70- —
1841 England ..	625	(a) F.	57-78 —	.10- .18- —
1846 Belgium ..	632	(a) (a)	(a)	.77- .77- .77
1855 France....	8	(a) F.	66-66-66	.39- .39- .39
1860 Germany .	185	(a) M.	(a)	.42- .42- .42
1860 Germany .	185	(a) F.	(a)	.16- .16- .16
1864 Germany .	185	(a) M.	(a)	.60- .60- .60
1864 Germany .	185	(a) F.	(a)	.17- .17- .17
1865 Germany .	185	(a) M.	(a)	.48- .48- .48
1865 Germany .	185	(a) F.	(a)	.18- .18- .18
1866 Germany .	185	(a) F.	(a)	.18- .18- .18
1867 Germany .	185	(a) F.	(a)	.18- .18- .18
1868 Germany .	185	(a) M.	(a)	.24- .24- .24
1868 Germany .	185	(a) F.	(a)	.18- .18- .18
1868 Italy.....	610	(a) M.	(a)	.25- .48- —
1869 Germany .	609	(a) M.	(a)	.21- .36- —
1869 Germany .	609	(a) F.	(a)	.18- .30- —
1870 Germany .	610	(a) M.	72-72-72	.21- .73- —
1870 Germany .	610	(a) M.	(a)	b.61- .71- —
1870 Germany .	610	(a) F.	72-72-72	.18- .30- —
1870 Italy.....	610	(a) M.	(a)	.48- .58- —
1871 Germany .	185	(a) F.	(a)	.05- .36- —
1872 Germany .	185	(a) F.	c64-64-64	.24- .42- —
1872 Germany .	185	(a) (a)	66-72 —	.12- .72- —
1872 Italy.....	185	(a) F.	(a)	.19- .19- .19
1873 Germany .	177	(a) F.	(a)	.30- .30- .30
1874 Germany .	177	(a) F.	(a)	.30- .30- .30
1875 Ohio	7	5 M.	(a)	1.08-1.38-1.27
1875 Ohio	7	5 F.	(a)	.80-1.24-1.02
1875 Germany .	177	(a) F.	(a)	.30- .30- .30
1876 Germany .	177	(a) F.	(a)	.30- .30- .30
1877 Germany .	177	(a) M.	(a)	.50- .75- —
1877 Germany .	177	(a) F.	(a)	.25- .50- —
1878 Denmark .	177	(a) M.	(a)	.70- .70- .70
1878 Denmark .	177	(a) F.	(a)	.30- .30- .30
1878 France....	177	(a) M.	(a)	.90- .90- .90
1878 France....	177	(a) F.	(a)	.55- .55- .55
1878 Germany .	177	(a) M.	(a)	.50- .75- —
1878 Germany .	177	(a) F.	(a)	.24- .36- —
1878 Germany .	177	(a) (a)	(a)	.33- .50- —
1879 Germany .	545	(a) M.	(a)	.48- .48- .48
1880 Germany .	546	(a) M.	(a)	.40- .60- —
1881 Germany .	178	(a) M.	(a)	.48- .48- .48
1882 Mo.....	294	1 (a)	72-72-72	1.67-1.67-1.67
1882 Germany .	27	(a) (a)	(a)	.50- .75- —
1882 Germany .	174	(a) (a)	72-72-72	.54- .71- —
1882 Germany .	554	(a) (a)	(a)	.48- .83- —
1882 Germany .	554	(a) (a)	(a)	b.24- .36- —
1883 Germany .	47	(a) M.	72-72-72	.60- .60- .60
1883 Germany .	555	(a) (a)	(a)	.48- .79- —
1883 Germany .	555	(a) (a)	(a)	b.24- .36- —
1884 Cal.....	192	2 M.	60-60-60	2.50-2.50-2.50
1884 Mich.....	278	1 F.	(a)	.75- .75- .75
1884 Aust-Hun.	178	(a) (a)	60-60-60	.13- .33- —
1884 Brazil.....	178	(a) F.	(a)	.25- .41- —
1884 Canada ...	466	(a) M.	60-60-60	1.91-2.14- —
1884 Canada ...	466	(a) F.	60-60-60	.83- .83- .83
1884 Denmark .	178	(a) M.	60-60-60	.54-1.25- —
1884 France....	178	(a) M.	60-60-60	.39- .58- —
1884 Germany .	178	(a) M.	d66-72 —	.48- .80- —
1884 Germany .	178	(a) F.	(a)	.36- .48- —
1884 Germany .	556	(a) (a)	60-63 —	.48- .83- —
1884 Germany .	556	(a) (a)	60-60-60	b.24- .36- —
1884 Italy	178	(a) M.	(a)	.77- .97- —
1884 Italy	178	(a) F.	e60-72 —	.14- .29- —
1885 N. Y.....	7	1 F.	55-55-55	1.33-1.33-1.33
1885 N. Y.....	330	40 F.	f57-60-57	.42-1.00- .83
1885 Canada ...	467	(a) F.	57-63 —	.62- .66- —
1885 Germany .	547	(a) M.	(a)	.48- .71- —
1885 Germany .	547	(a) M.	(a)	b.18- .46- —
1886 Mo.....	3	1 F.	(a)	1.00-1.00-1.00
1886 N. Y.....	331	22 M.	59-59-59	1.75-2.00-1.86
1886 N. Y.....	331	30 F.	59-59-59	1.00-1.00-1.00
1886 Aust-Hun.	184	(a) (a)	(a)	.65- .81- —
1886 Canada ...	468	(a) M.	57-57-57	1.47-1.47-1.47
1886 Canada ...	468	(a) F.	50-50-50	.62- .62- .62
1886 Germany .	548	(a) F.	(a)	.30- .48- —
1886 Germany .	548	(a) (a)	(a)	.54- .79- —
1886 Germany .	548	(a) (a)	(a)	b.24- .36- —
1887 Cal.....	3	16 F.	g39-53-50	.50-1.67-1.19
1887 Ill.....	3	6 F.	54-57-56	.56-1.33- .97
1887 N. Y.....	3	15 F.	49-60-56	.42-1.42- .82
1887 N. Y.....	331	14 M.	58-59-59	1.50-2.25-2.01
1887 N. Y.....	331	12 F.	59-59-59	1.17-1.17-1.17
1887 Wis	409	32 (a)	(a)	1.10-3.00-1.64
1887 Canada ...	469	(a) M.	60-60-60	.68- .68- .68
1888 Cal.....	194	16 F.	g41-54-53	.50-1.67-1.15
1888 N. Y.....	331	325 M.	h59-60-59	1.15-2.12-1.59
1888 N. Y.....	331	114 F.	i53-60-56	1.00-2.00-1.55
1888 Aust-Hun.	447	(a) M.	(a)	.11- .57- —
1888 Aust-Hun.	447	(a) F.	(a)	.10- .35- —
1888 Canada ...	470	(a) F.	56-56-56	.67- .67- .67
1888 Germany .	558	(a) (a)	j57-60 —	.40- .87- —
1889 Canada ...	471	(a) M.	58-60 —	1.53-1.65- —
1889 Canada ...	471	(a) F.	55-60 —	.44- .87- —
1889 Denmark .	520	(a) (a)	(a)	.45- .45- .45
1889 Germany .	550	(a) M.	72-72-72	.54- .83- —
1889 Germany .	550	(a) F.	72-72-72	.30- .54- —
1889 Portugal ..	691	(a) M.	(a)	.32-1.08- —
1889 Portugal ..	691	(a) F.	(a)	.11- .39- —
1890 N. Y.....	333	580 M.	(a)	.36-2.50- .98
1890 N. Y.....	333	150 F.	(a)	.58-1.50-1.19
1890 Aust-Hun.	632	(a) M.	(a)	.32- .97- —
1890 Aust-Hun.	632	(a) M.	(a)	k.09½-.64- —
1890 Spain	632	(a) F.	(a)	.39- .39- .39
1891 Mich.....	283	5 F.	(a)	.53- .53- .53
1891 N. Y.....	333	794 M.	(a)	.20-2.50-1.01
1891 N. Y.....	333	82 F.	(a)	.36-1.54- .71
1891 Belgium ..	457	(a) F.	60-60-60	.09½-.35- —
1891 Belgium ..	632	(a) (a)	(a)	1.02-1.03- —
1891 England ..	576	(a) (a)	60-60-60	1.01-1.42- —
1891 France....	505	(a) F.	60-60-60	.43- .68- —
1891 Germany .	551	(a) (a)	(a)	.48- .83- —
1892 Ill.....	210	50 F.	56-56-56	.50-1.84-1.04
1892 Aust-Hun.	115	(a) (a)	66-66-66	.59- .64- —
1892 Belgium ..	115	(a) M.	(a)	l.14- .14- .14
1892 France....	505	(a) M.	66-66-66	m.39-1.54- —
1892 France....	505	(a) F.	54-54-54	.29- .43- —
1892 France....	505	(a) F.	66-66-66	m.39- .48- —
1892 Germany .	184	(a) M.	(a)	.63- .63- .63
1893 Ill.....	10	1 M.	60-60-60	.83- .83- .83
1893 Ill.....	10	2 F.	53-60-57	.33-1.00- .67
1893 N. J.	327	6 F.	(a)	1.00-1.50-1.22
1893 N. Y.....	10	1 M.	59-59-59	.83- .83- .83
1893 N. Y.....	10	2 F.	58-58-58	.83-1.17-1.00
1893 Aust-Hun.	448	(a) M.	(a)	.27-1.35- —
1894 Iowa	236	3 M.	60-60-60	.67-1.08- .86
1894 Iowa	236	2 F.	60-60-60	.83-1.00- .92
1894 France....	508	(a) M.	n60-60-60	.68-1.25- —
1895 N. Y.....	7	3 F.	55-55-55	1.17-1.17-1.17

a Not reported.
b And board and lodging.
c Applies to but 1 of the 4 wage quotations.
d Applies to but 10 of the 13 wage quotations.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 1 person not reported.
g Not including hours of 2 persons not reported.
h Not including hours of 112 persons not reported.
i Not including hours of 21 persons not reported.
j Applies to but 5 of the 6 wage quotations.
k And board.
l Per hour.
m And *gratifications*.
n Applies to but 6 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GLOVE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Wis	413	2 (a)	60-60-60	2.00-5.75-3.88
1895 Aust-Hun.	435	(a) M.	b60-66 —	.27-1.22- —
1895 England	585	(a) M.	(a)	.96-1.01- —
1895 England	585	(a) F.	(a)	.46- .49- —
1896 Ohio	7	3 M.	60-60-60	1.28-1.52-1.39
1896 Ohio	7	5 F.	60-60-60	.92-1.32-1.05
1896 Aust-Hun.	184	(a) (a)	(a)	.81-1.02- —
1896 Aust-Hun.	436	(a) (a)	60-60-60	.61-1.08- —
1896 France	184	(a) (a)	(a)	1.32-1.32-1.32
1896 France	505	(a) M.	36-90 —	.69-1.06- —
1896 France	505	(a) F.	60-60-60	.48- .48- .48
1897 Aust-Hun.	437	(a) F.	66-66-66	.34- .41- —
1898 Aust-Hun.	438	(a) (a)	60-66 —	.54-1.49- —
1898 Denmark	493	(a) M.	(a)	.89-1.34- —
1898 Germany	151	(a) F.	(a)	.20- .32- —

GLUE MAKERS.

1884	Cal	192	4	M.	60-60-60	1.73-1.73-1.73	1889	Canada	471	(a)	M.	63-63-63	1.21-1.21-1.21
1884	Ireland	178	(a)	M.	56-56-56	.81- .81- .81	1890	Australia	423	(a)	(a)	50-50-50	1.62-2.03- —
1884	Italy	178	(a)	M.	(a)	.36- .40- —	1890	Netherl'ds	666	(a)	M.	(a)	.49- .49- .49
1884	Italy	178	(a)	F.	(a)	.10- .16- —	1890	Netherl'ds	666	(a)	M.	(a)	f.03- .03- .03
1884	Russia	178	(a)	M.	60-72 —	c.92-1.84- —	1891	N. Y.	333	2	M.	(a)	2.00-2.00-2.00
1886	Cal	193	4	M.	60-60-60	1.73-1.73-1.73	1891	China	105	(a)	(a)	(a)	.20- .20- .20
1888	N. Y.	331	12	M.	d60-60-60	2.00-2.00-2.00	1897	Australia	428	(a)	(a)	(a)	1.01-2.03- —
1888	N. Y.	331	1	M.	(a)	e1.67-1.67-1.67	1898	Australia	429	(a)	(a)	(a)	1.01-2.03- —

GLUERS.

1850	Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1894	Ga	8	1	M.	60-60-60	1.30-1.30-1.30
1856	Mass	8	1	M.	60-60-60	1.25-1.25-1.25	1894	Ind	228	6	M.	48-60-53	1.43-2.00-1.58
1874	Mass	8	1	M.	60-60-60	2.75-2.75-2.75	1894	N. Y	8	13	M.	60-60-60	1.25-2.00-1.45
1885	N. Y	1	11	M.	60-60-60	1.75-2.08-1.78	1894	Ohio	375	7	M.	51-60-55	1.10-1.50-1.24
1885	Pa	1	1	M.	60-60-60	2.00-2.00-2.00	1894	France	129	(a)	F.	(a)	.48- .48- .48
1886	Mich	7	3	M.	48-60-52	1.00-2.00-1.42	1895	Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1887	Wis	409	10	M.	(a)	1.13-1.33-1.19	1895	N. Y	8	13	M.	48-60-57	1.00-3.00-2.00
1888	N. Y.	331	18	M.	g56-60-59	1.67-3.00-2.20	1895	N. C.	8	8	M.	60-60-60	1.00-1.00-1.00
1888	Canada	470	(a)	M.	60-60-60	1.11-1.11-1.11	1895	Ohio	376	14	M.	51-60-57	1.00-1.25-1.05
1889	Mich	281	24	M.	60-60-60	1.12-2.10-1.44	1895	Tenn	8	2	M.	60-60-60	1.50-1.50-1.50
1889	Canada	471	(a)	M.	59-59-59	1.22-1.22-1.22	1896	Mich	7	3	M.	59-60-59	1.00-2.50-1.58
1890	N. Y	333	20	M.	(a)	1.25-2.67-1.73	1896	Mich	288	4	(a)	60-60-60	1.25-1.50-1.31
1891	N. Y	333	20	M.	(a)	1.25-2.67-1.72	1896	N. Y	8	3	M.	60-60-60	1.75-2.00-1.83
1891	France	505	(a)	F.	60-72 —	.53- .82- —	1896	Ohio	377	9	M.	h48-60-56	.88-1.75-1.26
1892	Ind	227	16	(a)	54-54-54	1.18-1.18-1.18	1896	Ohio	377	14	F.	48-48-48	.63- .63- .63
1892	France	505	(a)	M.	63-66 —	.58- .74- —	1897	Mass	8	13	M.	60-60-60	1.33-3.00-1.86
1893	Ohio	374	4	M.	54-60-59	1.00-1.50-1.25							

GLYCERIN MAKERS.

1890	N. Y	333	2	M.	(a)	1.25-2.50-1.88	1894	Ohio	375	12	M.	60-60-60	1.40-1.40-1.40
1891	N. Y	333	2	M.	(a)	1.50-2.67-2.09	1895	Mo	304	4	M.	(a)	1.54-2.00-1.82

GOLD BEATERS.

1869	Germany	609	(a)	M.	(a)	.24-1.03- —	1883	Ohio	365	1	M.	60-60-60	2.75-2.75-2.75
1869	Germany	609	(a)	F.	(a)	.16- .43- —	1883	Pa	2	38	(a)	60-60-60	2.50-2.50-2.50
1870	Germany	610	(a)	M.	72-72-72	.24-1.03- —	1884	Ohio	366	1	M.	60-60-60	1.33-1.33-1.33
1870	Germany	610	(a)	F.	72-72-72	.16- .43- —	1884	Aust-Hun.	178	(a)	M.	60-60-60	.64-1.20- —
1880	Ohio	7	2	M.	59-59-59	1.50-2.00-1.75	1884	Germany	178	(a)	M.	(a)	.63- .63- .63
1881	Ohio	363	1	M.	60-60-60	2.00-2.00-2.00	1884	Italy	178	(a)	M.	(a)	.40- .80- —
1881	Pa	2	130	M.	56-58-57	1.40-2.00-1.70	1884	Italy	178	(a)	F.	(a)	.16- .16- .16

a Not reported.
b Applies to but 2 of the 3 wage quotations.
c And lodging and fuel.
d Not including hours of 11 persons not reported.
e And board.
f Per hour.
g Not including hours of 2 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GOLD BEATERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mexico....	178	(a)	(a)	(a)	0.50-0.75- —	1893 Md.....	10	1	M.	60-60-60	1.50-1.50-1.50
1885 N. Y.....	7	87	M.	b 52-52-52	2.08-3.25-2.61	1893 Aust-Hun .	448	(a)	M.	66-66-66	.47- .68- —
1885 N. Y.....	330	6	F.	(a)	.94- .94- .94	1894 France....	129	(a)	M.	60-60-60	.77-1.93- —
1885 Ohio	367	1	M.	60-60-60	1.22-1.22-1.22	1894 France....	508	(a)	M.	54-54-54	1.35-1.35-1.35
1885 Russia	55	(a)	(a)	(a)	.28- .28- .28	1895 N. Y.....	7	71	M.	52-60-53	1.13-2.17-1.71
1885 Russia	55	(a)	(a)	(a)	c.09½- .15- —	1895 Ohio	376	4	M.	60-60-60	.75-2.00-1.38
1888 N. Y.....	331	21	M.	50-60-55	1.67-2.33-2.08	1896 Ohio	7	4	M.	59-59-59	1.50-2.00-1.81
1888 N. Y.....	331	2	F.	60-60-60	1.17-1.17-1.17	1896 Ohio	377	4	M.	60-60-60	1.38-1.38-1.38
1889 Portugal ..	691	(a)	(a)	(a)	.43- .54- —	1896 France....	510	(a)	M.	60-60-60	1.35-1.35-1.35
1890 N. Y.....	333	18	M.	(a)	2.00-2.25-2.17	1896 France....	510	(a)	F.	60-60-60	.68- .68- .68
1891 N. Y.....	333	17	M.	(a)	2.25-2.67-2.37	1898 N. Y.....	338	150	M.	60-60-60	3.33-3.33-3.33
1891 France....	505	(a)	M.	60-63 —	.77-1.93- —	1898 France....	512	(a)	M.	60-60-60	1.13-1.60- —
1892 England ..	577	(a)	M.	56-56-56	1.01-1.30- —						

GOLD LEAF LAYERS.

1856 N. Y.....	8	2	F.	60-60-60	1.00-1.00-1.00	1891 N. Y.....	333	1	F.	(a)	1.33-1.33-1.33
1862 Pa	8	1	F.	60-60-60	1.00-1.00-1.00	1892 Conn.....	20	4	F.	60-60-60	1.25-1.67-1.46
1875 Germany .	177	(a)	(a)	(a)	1.67-1.67-1.67	1893 Conn.....	20	14	F.	60-60-60	1.33-1.50-1.42
1883 Mass	273	4	F.	(a)	.90-1.17-1.06	1894 Conn.....	20	12	F.	60-60-60	1.33-1.50-1.42
1883 Mass	273	7	(a)	(a)	.58- .67- .63	1894 France....	129	(a)	F.	60-60-60	.58- .87- —
1883 Gr't Brit...	273	(a)	F.	(a)	.49- .61- —	1895 Conn.....	20	10	F.	60-60-60	1.33-1.50-1.42
1885 Mass	7	6	F.	55-55-55	.50-1.50-1.14	1895 Mass	7	7	F.	55-55-55	.83-1.67-1.26
1885 N. Y.....	7	7	F.	59-59-59	1.00-1.34-1.11	1895 N. Y.....	7	7	F.	58-59-58	1.14-1.35-1.26
1887 N. Y.....	3	1	F.	54-54-54	.67- .67- .67	1895 N. Y.....	8	2	F.	60-60-60	1.50-1.50-1.50
1890 Mass	8	2	F.	60-60-60	1.50-1.50-1.50	1895 Pa	8	1	F.	60-60-60	1.16-1.16-1.16
1890 N. Y.....	333	6	M.	(a)	.75-1.25-1.04	1896 N. Y.....	8	1	F.	60-60-60	1.50-1.50-1.50
1890 N. Y.....	333	1	F.	(a)	1.33-1.33-1.33	1899 Mass	18	8	F.	55-55-55	1.50-1.50-1.50
1891 N. Y.....	333	6	M.	(a)	.75-1.25-1.04	1900 Mass	18	5	F.	55-55-55	1.50-1.50-1.50

GOLDSMITHS.

(d) Germany .	609	(a)	(a)	(a)	.41- .41- .41	1873 Sweden...	167	(a)	M.	(a)	.67- .90- —
1846 Belgium ..	632	(a)	(a)	(a)	.49- .49- .49	1873 Switzerl'd.	185	(a)	M.	(a)	.70- .70- .70
(e) Germany .	609	(a)	(a)	(a)	.26- .26- .26	1874 Germany .	177	(a)	M.	(a)	.57- .57- .57
1853 France....	609	(a)	(a)	(a)	.77- .77- .77	1874 Germany .	185	(a)	M.	(a)	1.07-1.33- —
1856 N. Y.....	8	1	M.	72-72-72	1.50-1.50-1.50	1875 France....	496	(a)	M.	(a)	.62-2.12- —
(f) Germany .	609	(a)	(a)	(a)	.51- .51- .51	1875 Germany .	177	(a)	M.	(a)	.63- .63- .63
1860 France....	609	(a)	(a)	(a)	.97- .97- .97	1876 France....	497	(a)	M.	(a)	.62-2.12- —
1864 Germany .	610	(a)	M.	(a)	.43- .85- —	1876 Germany .	177	(a)	M.	(a)	.74- .74- .74
1865 Germany .	185	(a)	M.	(a)	.54- .54- .54	1877 Germany .	177	(a)	M.	(a)	.69- .69- .69
1866 Germany .	185	(a)	M.	(a)	.54- .54- .54	1878 France....	498	(a)	M.	(a)	.62-2.12- —
1867 Germany .	185	(a)	M.	(a)	.54- .54- .54	1878 Germany .	177	(a)	M.	(a)	.69- .69- .69
1868 Germany .	185	(a)	M.	(a)	.54- .54- .54	1878 Italy.....	177	(a)	M.	(a)	.12-1.33- —
1868 Italy	185	(a)	M.	(a)	.40-1.20- —	1879 France....	499	(a)	M.	(a)	.63-1.06- —
1869 Germany .	609	(a)	M.	(a)	.24-1.09- —	1880 France....	500	(a)	M.	(a)	.65-1.93- —
1869 Sweden...	609	(a)	(a)	(a)	.61-1.14- —	1881 France....	501	(a)	M.	(a)	.65-1.93- —
1870 Italy	610	(a)	M.	(a)	.58- .97- —	1882 France....	502	(a)	M.	(a)	.66-1.93- —
1870 Netherl'ds	610	(a)	M.	66-66-66	.41- .41- .41	1882 Germany .	71	(a)	M.	66-66-66	.79- .79- .79
1870 Switzerl'd.	610	(a)	M.	(a)	.39- .97- —	1882 Germany .	174	(a)	(a)	72-72-72	.48-1.72- —
1870 Turk. in A.	610	(a)	M.	(a)	.23- .73- —	1882 Germany .	554	(a)	(a)	60-60-60	.48-1.98- —
1871 Germany .	185	(a)	M.	(a)	.54- .96- —	1883 France....	503	(a)	M.	(a)	.66-1.93- —
1871 Germany .	185	(a)	M.	(a)	g.28- .86- —	1883 Germany .	555	(a)	(a)	57-60 —	.48-1.07- —
1871 Turkey ...	611	(a)	(a)	(a)	.85-1.22- —	1884 England ..	178	(a)	M.	(a)	1.20-1.92- —
1871 Turk. in A.	611	(a)	(a)	(a)	.53- .67- —	1884 France....	504	(a)	M.	(a)	.67-2.12- —
1872 Germany .	185	(a)	M.	72-72-72	.30- .46- —	1884 Germany .	178	(a)	M.	h60-66 —	.48-1.19- —
1872 Germany .	713	(a)	M.	(a)	.95- .95- .95	1884 Germany .	556	(a)	(a)	57-60 —	.48-1.19- —
1873 Germany .	177	(a)	M.	(a)	.57- .57- .57	1884 Italy	46	(a)	(a)	(a)	.77-1.54- —
1873 Persia.....	184	(a)	M.	(a)	.30- .30- .30	1884 Italy	178	(a)	M.	(a)	.77-1.60- —

a Not reported.
b Not including hours of 16 persons not reported.
c And rations.
d Average for 1830-39.
e Average for 1840-49.
f Average for 1850-59.
g And board and lodging.
h Applies to but 6 of the 9 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GOLDSMITHS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mexico	178	(a) (a)	(a)	0.75-1.00- —
1885 France	494	(a) M.	(a)	.81-1.45- —
1885 Germany	71	(a) M.	66-66-66	.71- .71- .71
1885 Germany	547	(a) (a)	(a)	.48-1.19- —
1886 N. Y.	7	1 M.	(a)	2.00-2.00-2.00
1886 Aust-Hun.	60	(a) (a)	(a)	.78- .99- —
1886 France	495	(a) M.	(a)	.81-1.45- —
1886 Germany	548	(a) (a)	(a)	.48-1.43- —
1887 France	495	(a) M.	(a)	.81-1.45- —
1887 Germany	557	(a) (a)	51-54 —	.48-1.43- —
1888 N. Y.	331	4 M.	(a)	2.00-2.00-2.00
1889 Germany	550	(a) M.	(a)	.73-1.37- —
1889 Portugal	691	(a) (a)	(a)	.11-1.62- —
1890 Netherl'ds	666	(a) M.	(a)	b.05- .05½- —
1890 Russia	519	(a) M.	66-66-66	.77- .77- .77
1890 Russia	519	(a) F.	66-66-66	.24- .24- .24
1891 Belgium	457	(a) M.	c 60-66 —	.87-1.16- —
1891 Belgium	632	(a) (a)	(a)	.77-1.16- —
1891 France	522	(a) M.	(a)	0.81-1.45- —
1891 Germany	551	(a) (a)	(a)	.40-1.79- —
1892 Denmark	632	(a) (a)	(a)	.94- .94- .94
1892 France	505	(a) M.	72-72-72	.58-2.07- —
1893 Ill.	10	2 M.	53-53-53	1.33-1.67-1.50
1893 N. Y.	10	1 M.	50-50-50	3.00-3.00-3.00
1893 Aust-Hun.	448	(a) M.	60-60-60	.20-1.22- —
1894 France	129	(a) M.	60-60-60	.97-2.12- —
1894 France	508	(a) M.	60-60-60	1.83-1.83-1.83
1895 Ohio	376	4 F.	60-60-60	1.00-1.00-1.00
1895 Japan	145	(a) (a)	(a)	.40- .40- .40
1896 N. Y.	7	1 M.	60-60-60	2.00-2.00-2.00
1896 N. Y.	8	1 M.	72-72-72	1.50-1.50-1.50
1896 Aust-Hun.	184	(a) (a)	(a)	.68- .81- —
1896 Mexico	184	(a) M.	(a)	1.17-1.82- —
1896 Persia	184	(a) M.	(a)	.30- .30- .30
1897 France	511	(a) M.	51-63 —	1.35-2.85- —
1897 Japan	145	(a) (a)	(a)	.50- .50- .50

GOLDSMITHS' HELPERS.

1879 Germany	545	(a) M.	(a)	.60-1.43- —
1888 Aust-Hun.	447	(a) M.	(a)	.17- .62- —
1888 Aust-Hun.	447	(a) F.	(a)	.24- .24- .24
1889 Germany	550	(a) M.	(a)	.48-1.43- —

GOODYEAR STITCHERS, BOOTS AND SHOES.

1882 N. J	321	5 M.	60-60-60	.83-1.67-1.50
1883 N. J	322	6 M.	60-60-60	1.67-1.67-1.67
1884 N. J	323	6 M.	60-60-60	1.67-2.00-1.78
1884 Pa	7	1 M.	60-60-60	.86- .86- .86
1885 Md.	1	8 M.	60-60-60	1.67-2.50-1.98
1885 Ohio	7	5 M.	59-60-59	2.50-3.33-2.93
1886 N. J	325	42 M.	60-60-60	2.00-2.83-2.02
1886 Pa	7	1 M.	(a)	2.75-2.75-2.75
1888 N. Y.	331	15 M.	47-59-56	2.50-4.17-3.42
1890 N. Y.	333	24 M.	(a)	1.75-5.00-3.09
1891 Me	257	19 (a)	(a)	1.88-2.62-2.47
1891 N. Y.	333	22 M.	(a)	1.75-5.00-3.28
1894 Me	260	2 M.	60-60-60	2.25-3.33-2.79
1895 Mass	7	11 M.	55-59-57	1.93-4.14-3.10
1895 N. Y.	7	2 M.	59-59-59	2.03-2.93-2.48
1895 N. Y.	8	1 M.	60-60-60	2.00-2.00-2.00
1896 N. Y.	7	4 M.	59-60-60	3.00-3.50-3.13
1896 Ohio	7	6 M.	59-60-60	2.75-3.33-2.89
1896 Pa	7	1 M.	60-60-60	2.43-2.43-2.43
1900 Mass	18	26 M.	58-58-58	3.21-4.19-4.11

GOSSAMER MAKERS.

1887 Mass	3	16 F.	d 48-53-51	.42-1.50- .92

GOVERNESSES.

1878 Australia	177	(a) F.	(a)	.40-1.07- —
1878 Germany	177	(a) F.	(a)	.26- .26- .26
1883 Mass	3	1 F.	(a)	e .57- .57- .57
1884 Aust-Hun.	178	(a) F.	f 60-60-60	g .13-1.15- —
1884 England	178	(a) F.	(a)	.21-1.33- —
1884 Germany	178	(a) F.	(a)	.33- .78- —
1884 Germany	178	(a) F.	(a)	g .12- .39- —
1884 Italy	178	(a) F.	(a)	.12- .50- —
1884 Netherl'ds	178	(a) F.	(a)	.22- .22- .22
1884 Netherl'ds	178	(a) F.	(a)	g .82- .82- .82
1884 Switzerl'd.	178	(a) F.	(a)	g .11- .16- —
1892 Me	258	1 F.	(a)	e .57- .57- .57
1893 Australia	415	(a) F.	(a)	.27- .53- —
1895 Nicaragua	140	(a) F.	(a)	e .16- .82- —
1898 Mass	276	2 F.	78-78-78	.71- .71- .71
1898 Australia	419	(a) F.	(a)	.31- .52- —

a Not reported.
b Per hour.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 1 person not reported.
e And board.
f Applies to but 2 of the 6 wage quotations.
g And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRADERS, CARRIAGE AND WAGON MATERIAL.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Canada ...	470	(a) M.	60-60-60	1.76-1.76-1.76	1895 Ohio	376	10 M.	(a)	1.50-1.50-1.50
1890 Mich.....	282	13 M.	60-60-60	.67-2.25-1.23	1896 Mich	288	1 (a)	60-60-60	1.65-1.65-1.65
1893 Ohio	374	11 M.	54-60-55	1.50-1.65-1.51	1896 Ohio	377	10 M.	(a)	1.50-1.50-1.50
1894 Ohio	375	14 M.	b54-60-55	1.50-1.50-1.50					

GRADERS, HATS AND CAPS.

1880 Mass	8	1 M.	60-60-60	2.75-2.75-2.75	1890 N. Y.....	333	2 M.	(a)	2.00-2.00-2.00
1885 N. Y.....	7	1 M.	60-60-60	2.25-2.25-2.25	1891 N. Y.....	333	2 M.	(a)	2.00-2.00-2.00
1886 Conn.....	2	6 F.	60-60-60	.80- .90- .85	1895 Mass	8	1 M.	60-60-60	2.75-2.75-2.75
1888 N. Y.....	331	2 M.	b58-58-58	2.00-4.00-3.00	1895 N. Y.....	7	1 M.	60-60-60	3.00-3.00-3.00

GRAFTERS, NURSERY.

1884 Turk. in A.	178	(a)	(a)	c 60-60-60	.25-1.02- —	1886 France....	66	(a) M.	(a)	.80-1.00- —

GRAINERS, LEATHER.

1866 Mass	8	3 M.	60-60-60	2.00-2.00-2.00	1891 N. Y.....	333	25 M.	(a)	1.13-1.75-1.39
1883 N. J	322	5 M.	60-60-60	2.33-2.33-2.33	1893 Ohio	374	8 M.	60-60-60	1.83-2.50-2.33
1884 N. J	323	8 M.	48-60-59	1.75-2.17-1.91	1894 N. Y.....	8	20 M.	60-60-60	1.40-1.66-1.50
1884 Spain	178	(a) M.	49-49-49	.54-1.16- —	1894 Ohio	375	8 M.	54-54-54	2.50-2.50-2.50
1886 Mass	2	28 M.	59-59-59	2.00-2.00-2.00	1894 W. Va	406	1 M.	60-60-60	1.27-1.27-1.27
1886 N. J	2	5 M.	59-59-59	3.00-3.00-3.00	1895 Ohio	376	12 M.	54-60-55	1.50-2.50-2.33
1888 N. J	326	7 M.	(a)	3.33-4.17-3.69	1896 Mass	8	1 M.	60-60-60	1.55-1.55-1.55
1889 Canada ...	471	(a) M.	60-60-60	1.43-1.43-1.43	1896 Ohio	377	10 M.	54-54-54	2.25-2.25-2.25
1890 N. Y.....	333	17 M.	(a)	1.25-1.75-1.49					

GRAINERS, WOOD.

1861 Scotland ..	564	(a) (a)	57-57-57	.96-1.54- —	1884 Switzerl'd.	178	(a) M.	66-66-66	.86-1.16- —
1863 Ireland ...	565	(a) (a)	(a)	1.62-1.62-1.62	1887 Md	4	6 M.	(a)	1.40-5.00-2.35
1878 England ..	177	(a) M.	d55-55-55	1.42-1.82- —	1889 Mich	281	2 M.	60-60-60	.92-2.50-1.71
1883 Australia .	174	(a) (a)	(a)	2.43-2.43-2.43	1892 England ..	632	(a) M.	60-60-60	2.03-2.43- —
1884 France....	178	(a) M.	48-48-48	1.26-1.54- —	1894 Ind	228	1 M.	48-48-48	2.00-2.00-2.00
1884 Scotland ..	178	(a) M.	54-54-54	1.28-1.28-1.28	1896 Mich.....	288	1 (a)	60-60-60	.95- .95- .95

GRANITE CUTTERS.

1855 N. Y.....	190	2 M.	60-60-60	2.25-2.50-2.38	1868 N. Y.....	190	14 M.	60-60-60	4.00-4.25-4.09
1856 N. Y.....	190	2 M.	60-60-60	2.25-2.50-2.38	1869 N. Y.....	190	7 M.	60-60-60	4.50-4.62-4.55
1857 N. Y.....	190	8 M.	60-60-60	1.75-2.50-2.03	1870 N. Y.....	190	7 M.	60-60-60	4.00-4.50-4.18
1858 N. Y.....	190	2 M.	60-60-60	1.75-2.25-2.00	1871 Mass	267	18 M.	60-60-60	3.00-3.00-3.00
1859 N. Y.....	190	3 M.	60-60-60	1.75-2.25-2.00	1871 N. Y.....	190	5 M.	60-60-60	4.00-4.50-4.25
1860 N. Y.....	190	1 M.	60-60-60	2.25-2.25-2.25	1872 N. Y.....	190	5 M.	60-60-60	4.00-4.75-4.15
1861 N. Y.....	190	2 M.	60-60-60	1.75-2.00-1.88	1873 N. Y.....	190	4 M.	60-60-60	4.00-5.00-4.25
1862 N. Y.....	190	2 M.	60-60-60	2.00-2.00-2.00	1873 Sweden ...	185	(a) M.	72-72-72	.93- .93- .93
1863 N. Y.....	190	2 M.	60-60-60	2.00-2.00-2.00	1874 N. Y.....	190	4 M.	60-60-60	4.00-4.50-4.13
1864 N. Y.....	190	6 M.	60-60-60	2.00-3.00-2.46	1875 N. Y.....	190	4 M.	60-60-60	4.00-4.50-4.13
1865 N. Y.....	190	8 M.	60-60-60	3.00-3.00-3.00	1876 N. Y.....	190	2 M.	60-60-60	4.00-4.00-4.00
1866 N. Y.....	190	7 M.	60-60-60	3.00-3.00-3.00	1877 N. Y.....	190	4 M.	60-60-60	2.00-3.50-2.75
1867 N. Y.....	190	7 M.	60-60-60	3.50-3.75-3.54	1878 N. Y.....	190	5 M.	60-60-60	2.50-3.50-2.85

a Not reported.
b Not including hours of 1 person not reported.
c Applies to but 2 of the 4 wage quotations.
d Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRANITE CUTTERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 N. Y.	190	3 M.	60-60-60	2.00-3.50-2.67	1889 N. Y.	190	11 M.	54-54-54	3.50-4.00-3.64
1880 N. Y.	190	12 M.	60-60-60	2.50-3.75-2.60	1890 N. Y.	190	13 M.	54-54-54	4.00-4.00-4.00
1881 Mass	2	12 M.	60-60-60	2.75-2.75-2.75	1890 N. Y.	333	98 M.	(a)	2.50-2.75-2.72
1881 Minn	2	45 M.	59-59-59	3.50-3.50-3.50	1891 N. Y.	190	19 M.	48-54-51	4.00-4.00-4.00
1881 N.	2	42 M.	59-60-59	2.60-2.75-2.71	1891 N. Y.	333	111 M.	(a)	2.50-2.75-2.73
1881 N. Y.	190	11 M.	60-60-60	2.50-3.25-2.98	1891 Ohio	372	10 M.	54-54-54	2.75-2.75-2.75
1882 Mich	2	8 M.	60-60-60	3.00-3.00-3.00	1891 China	105	(a) (a)	(a)	.27- .27- .27
1882 Minn	2	387 M.	59-59-59	3.50-4.00-3.73	1892 N. Y.	20	10 M.	48-48-48	4.00-4.00-4.00
1882 Mo	294	3 M.	60-60-60	3.00-3.00-3.00	1892 N. Y.	190	20 M.	48-48-48	4.00-4.00-4.00
1882 N. J	321	86 M.	(a)	3.00-3.00-3.00	1892 Scotland	632	(a) M.	51-51-51	1.12-1.12-1.12
1882 N. Y.	190	9 M.	60-60-60	3.00-3.50-3.11	1893 Mont.	307	7 M.	42-42-42	5.00-5.00-5.00
1883 Ind	2	170 M.	60-60-60	3.50-4.00-3.75	1893 N. Y.	20	10 M.	48-48-48	4.00-4.00-4.00
1883 Mass	273	290 M.	(a)	1.25-3.25-2.52	1893 Ohio	374	14 M.	54-54-54	3.00-3.00-3.00
1883 Minn	2	440 M.	59-60-60	2.00-3.50-2.27	1893 R. I	400	40 M.	(a)	1.50-4.00-2.85
1883 N. Y.	190	5 M.	60-60-60	3.00-3.75-3.45	1894 Me	260	3 M.	60-60-60	2.25-3.50-2.75
1883 Scotland	572	(a) (a)	57-57-57	.85- .85- .85	1894 N. Y.	20	10 M.	48-48-48	4.00-4.00-4.00
1884 Mass	2	13 M.	60-60-60	2.75-2.75-2.75	1894 Ohio	374	1 M.	(a)	3.00-3.00-3.00
1884 Mich	278	2 M.	(a)	2.25-2.25-2.25	1895 Me	8	4 M.	54-54-54	1.80-2.79-2.54
1884 N. Y.	190	7 M.	60-60-60	2.00-3.50-3.21	1895 N. Y.	20	10 M.	48-48-48	4.00-4.00-4.00
1884 Ohio	2	82 M.	59-60-60	2.50-3.00-2.89	1895 Ohio	376	34 M.	54-54-54	2.40-3.00-2.56
1884 Canada	178	(a) (a)	60-60-60	2.00-3.00- —	1895 R. I	400	5 M.	(a)	2.50-2.50-2.50
1885 Conn	2	101 M.	60-60-60	2.00-2.00-2.00	1895 Canada	187	(a) M.	60-60-60	1.50-2.50- —
1885 Me	1	88 M.	60-60-60	1.75-3.75-2.74	1895 Scotland	591	(a) M.	(a)	.77-1.22- —
1885 Me	2	33 M.	58-59-58	2.50-2.75-2.56	1896 Colo	200	50 M.	48-48-48	4.00-4.00-4.00
1885 N. Y.	190	8 M.	60-60-60	3.00-3.50-3.44	1896 Md	14	94 M.	48-48-48	3.26-3.26-3.26
1885 R. I	2	40 M.	60-60-60	2.75-2.75-2.75	1896 Ohio	377	7 M.	54-54-54	1.75-1.75-1.75
1885 Vt	2	7 M.	60-60-60	2.50-2.50-2.50	1896 Pa	14	75 M.	54-54-54	3.51-3.51-3.51
1886 Conn	2	6 M.	60-60-60	2.50-2.50-2.50	1897 N. Y.	337	679 M.	c48-53-48	3.00-4.00-3.51
1886 Mass	2	333 M.	54-60-57	2.75-3.00-2.77	1897 Germany	559	(a) M.	(a)	.93-1.93- —
1886 Minn	2	48 M.	59-59-59	3.00-3.25-3.13	1898 N. Y.	338	489 M.	d48-53-49	3.00-4.00-3.35
1886 N. Y.	190	13 M.	54-60-60	3.00-3.75-3.48	1898 Denmark	493	(a) M.	(a)	.75-1.61- —
1886 Pa	2	20 M.	60-60-60	3.00-3.00-3.00	1898 Scotland	594	(a) (a)	(a)	1.12-1.21- —
1887 N. Y.	190	7 M.	54-54-54	3.00-3.50-3.43	1899 Mass	18	142 M.	53-54-53	1.99-3.00-2.62
1887 R. I	396	325 M.	60-60-60	2.50-2.50-2.50	1899 N. Y.	18	46 (a)	44-48-47	3.04-4.00-3.37
1888 N. J	326	3 (a)	60-60-60	2.50-2.50-2.50	1899 Pa	18	130 (a)	54-54-54	3.00-3.00-3.00
1888 N. Y.	190	6 M.	54-54-54	3.00-3.50-3.42	1900 Mass	18	108 M.	48-54-51	1.92-2.83-2.60
1888 N. Y.	331	80 M.	50-60-58	1.75-3.50-2.78	1900 N. Y.	18	24 (a)	44-48-46	3.04-4.00-3.44
1888 N. C.	343	1 M.	60-60-60	1.92-1.92-1.92	1900 Pa	18	120 (a)	48-48-48	3.00-3.00-3.00
1889 Me	255	66 M.	b60-60-60	1.00-3.50-2.57					

GRATE SETTERS.

1886 N. Y.	2	12 M.	60-60-60	2.50-2.50-2.50	1895 Ohio	376	5 M.	54-54-54	2.00-3.25-2.60
1887 Ohio	369	31 M.	60-60-60	2.00-2.75-2.60	1896 Ohio	377	2 M.	54-54-54	3.25-3.25-3.25

GRATE SETTERS' HELPERS.

1895 Ohio	376	5 M.	54-54-54	1.00-1.00-1.00	1896 Ohio	377	2 M.	54-54-54	1.00-1.00-1.00

GREASE EXTRACTORS.

1871 England	185	(a) M.	60-60-60	.73- .97- —	1886 England	600	(a) M.	57-57-57	.65-1.03- —
1871 Scotland	185	(a) M.	60-60-60	.65- .65- .65					

GREASEMEN, TIN PLATE.

1896 Pa	394	3 M.	60-60-60	.88-1.49-1.24	....	.....	....	.....	.....

a Not reported.
b Not including hours of 20 persons not reported.
c Not including hours of 58 persons not reported.
d Not including hours of 30 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GREASERS, MACHINERY.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Belgium ..	178	(a)	M.	(a)	0.63-0.70- —	1891 N. Y.....	333	6	M.	(a)	1.38-2.15-1.63
1885 Pa	1	2	M.	60-60-60	1.58-2.00-1.79	1893 Ohio	374	3	M.	60-60-60	1.57-1.65-1.62
1887 Pa	320	2	M.	(a)	1.50-1.50-1.50	1894 N. C	8	1	M.	66-66-66	.50- .50- .50
1888 N. Y.....	331	2	M.	72-72-72	2.15-2.15-2.15	1894 England ..	186	(a)	M.	(a)	.80- .96- —
1888 England ..	5	(a)	M.	(a)	.53- .59- —	1895 Mo.....	304	1	M.	(a)	1.33-1.33-1.33
1889 Mo	5	2	M.	(a)	1.25-1.50-1.38	1895 Ohio	376	2	M.	72-72-72	1.50-1.50-1.50
1889 Ohio	5	2	M.	(a)	1.80-1.80-1.80	1895 Aust-Hun.	435	(a)	M.	63-63-63	.71- .71- .71
1889 Pa	5	1	M.	60-60-60	1.40-1.40-1.40	1896 Ohio	377	1	M.	60-60-60	2.00-2.00-2.00
1889 W. Va	5	4	M.	(a)	1.85-1.85-1.85	1896 Pa.....	394	6	M.	60-60-60	.72- .86- .79
1889 England ..	5	(a)	M.	(a)	.47- .59- —	1897 Ohio	377	6	M.	48-48-48	.60- .75- .65
1889 France	5	(a)	M.	(a)	.65- .65- .65	1898 Ohio	18	5	M.	(a)	1.25-1.50-1.38
1889 Germany..	5	(a)	M.	(a)	.29- .73- —	1898 Pa	18	14	M.	(a)	.50-1.80- .83
1889 Italy	5	(a)	M.	(a)	.49- .85- —	1899 Ohio	18	6	M.	(a)	1.40-1.80-1.62
1890 N. Y.....	333	6	M.	(a)	1.38-2.15-1.63	1899 Pa	18	16	M.	(a)	.60-2.00- .99
1891 Mo	300	2	M.	(a)	2.08-2.12-2.10	1899 N. Zealand	681	(a)	M.	(a)	1.59-1.59-1.59

GRILL MAKERS, BUILDING.

1895 France....	509	(a)	M.	60-60-60	.68-1.16- —	....	.....	....	....	...	.....	.....

GRINDERS, AGRICULTURAL IMPLEMENTS.

1864 Mass	190	1	M.	60-60-60	1.17-1.17-1.17	1885 Canada ...	467	(a)	M.	58-60 —	1.93-2.30- —
1865 Mass	190	1	M.	60-60-60	1.33-1.33-1.33	1886 Ill	2	90	M.	60-60-60	2.00-2.25-2.13
1869 Mass	190	1	M.	60-60-60	1.50-1.50-1.50	1886 Ill	208	113	M.	48-60-60	2.00-2.75-2.74
1870 Mass	190	1	M.	60-60-60	1.50-1.50-1.50	1886 Mass	190	1	M.	60-60-60	1.35-1.35-1.35
1871 Mass	190	1	M.	60-60-60	1.75-1.75-1.75	1886 Canada ...	468	(a)	M.	58-58-58	1.65-1.65-1.65
1872 Mass	190	1	M.	60-60-60	1.85-1.85-1.85	1887 Mass	190	1	M.	60-60-60	1.35-1.35-1.35
1873 Mass	190	1	M.	60-60-60	1.85-1.85-1.85	1887 Ohio	369	1	M.	60-60-60	1.00-1.00-1.00
1874 Mass	190	1	M.	60-60-60	1.85-1.85-1.85	1887 Wis	409	2	M.	(a)	2.50-2.50-2.50
1874 Canada ...	185	(a)	M.	59-60 —	1.25-1.25-1.25	1888 Mass	190	1	M.	60-60-60	1.50-1.50-1.50
1875 Mass	190	1	M.	60-60-60	1.85-1.85-1.85	1888 N. Y.....	331	49	M.	b48-48-48	1.60-2.51-2.27
1876 Mass	190	1	M.	60-60-60	1.70-1.70-1.70	1889 Mass	190	3	M.	60-60-60	1.50-1.65-1.55
1882 Mass	190	1	M.	60-60-60	1.25-1.25-1.25	1889 Canada ...	471	(a)	M.	55-55-55	1.74-1.74-1.74
1882 Ohio	3[illegible]	145	(a)	60-60-60	1.33-3.00-2.39	1890 Mass	190	3	M.	60-60-60	1.50-1.65-1.55
1883 Mass	190	1	M.	60-60-60	1.13-1.13-1.13	1890 Mich.....	282	11	M.	60-60-60	1.00-1.50-1.33
1883 Gr't Brit ..	273	(a)	M.	(a)	1.14-1.22- —	1890 N. Y.....	333	44	M.	(a)	1.25-2.60-2.34
1884 Mass	190	1	M.	60-60-60	1.13-1.13-1.13	1891 Mass	190	1	M.	60-60-60	1.85-1.85-1.85
1884 Ohio	337	9	M.	(a)	1.50-2.00-1.94	1891 N. Y.....	333	46	M.	(a)	1.50-2.60-2.27
1884 Canada ...	466	(a)	M.	54-54-54	2.33-2.33-2.33	1893 Ohio	374	123	M.	48-60-58	1.30-2.51-2.04
1885 Ill	1	80	M.	60-60-60	1.75-2.50-2.03	1894 N. Y.....	8	5	M.	60-60-60	1.25-1.75-1.56
1885 Ind	1	100	M.	60-60-60	.50-1.70-1.44	1894 N. C	8	2	M.	60-60-60	1.00-1.00-1.00
1885 Ky	1	15	M.	60-60-60	1.60-1.60-1.60	1894 Ohio	375	107	M.	48-60-57	1.00-2.50-1.89
1885 Me	1	12	M.	54-54-54	1.75-1.75-1.75	1895 N. Y.....	8	1	M.	60-60-60	1.50-1.50-1.50
1885 Mass	190	1	M.	60-60-60	1.20-1.20-1.20	1895 Ohio	376	58	M.	48-72-58	1.25-2.51-1.61
1885 N. Y.....	1	7	M.	60-60-60	1.60-1.60-1.60	1896 Mass	8	2	M.	60-60-60	3.50-3.50-3.50
1885 Ohio	1	4	M.	60-60-60	1.75-1.90-1.83	1896 Ohio	377	50	M.	53-56-56	1.33-1.40-1.38
1885 Ohio	367	10	M.	(a)	1.50-1.75-1.65	1896 Vt	8	1	M.	60-60-60	1.25-1.25-1.25

GRINDERS, BRASS.

1842 Conn.....	8	1	M.	66-66-66	.50- .50- .50	1891 N. Y.....	333	2	M.	(a)	.50-1.25- .88
1850 Mass	8	1	M.	66-66-66	1.75-1.75-1.75	1892 Cal.....	196	2	M.	57-57-57	2.00-2.50-2.25
1884 Aust-Hun.	178	(a)	M.	66-66-66	c .60- .80- —	1894 Ohio	375	1	M.	60-60-60	2.00-2.00-2.00
1884 Russia	178	(a)	M.	(a)	.72-1.44- —	1897 Conn.....	8	2	M.	60-60-60	1.75-2.50-2.13
1888 N. Y.....	331	5	M.	59-59-59	1.50-2.50-2.00	1897 Aust-Hun.	437	(a)	(a)	57-57-57	.81-1.22- —
1890 Mich.....	282	17	M.	60-60-60	.42-1.50- .98						

a Not reported. b Not including hours of 45 persons not reported. c And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS, BUTTONS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884	N. J	323	1	M.	60-60-60	1.50-1.50-1.50
1885	N. J	7	3	M.	59-59-59	1.17-1.25-1.19
1886	N. J	3	1	F.	59-59-59	.50- .50- .50
1890	N. Y	333	3	M.	(a)	2.33-2.33-2.33
1891	N. Y	333	3	M.	(a)	3.00-3.00-3.00
1895	N. J	7	6	M.	55-59-56	.67-1.25- .96

GRINDERS, CARRIAGE AND WAGON MATERIAL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891	N. Y	333	1	M.	(a)	1.25-1.25-1.25
1894	Ohio	375	45	M.	60-60-60	1.09-2.50-1.73
1895	N. Y	8	1	M.	60-60-60	1.25-1.25-1.25
1895	Ohio	376	15	M.	54-60-56	1.27-1.71-1.42
1896	Conn	8	1	M.	60-60-60	3.00-3.00-3.00
1896	Mich	288	13	M.	60-60-60	1.12-2.00-1.66
1896	Ohio	377	3	M.	60-60-60	2.00-2.00-2.00
1897	Conn	8	1	M.	60-60-60	1.50-1.50-1.50

GRINDERS, CEMENT.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891	Italy	638	(a)	M.	66-66-66	.48- .48- .48
1891	Italy	638	(a)	F.	66-66-66	.17- .27- —
1893	Italy	639	(a)	M.	66-66-66	.48- .48- .48
1893	Italy	639	(a)	F.	66-66-66	.19- .27- —

GRINDERS, COFFEE AND SPICES.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861	Pa	190	1	M.	60-60-60	1.00-1.00-1.00
1862	Pa	190	2	M.	60-60-60	.83-1.00- .92
1863	Pa	190	1	M.	60-60-60	.83- .83- .83
1864	Pa	190	3	M.	60-60-60	1.00-1.50-1.22
1865	Pa	190	1	M.	60-60-60	1.33-1.33-1.33
1871	Pa	190	2	M.	60-60-60	1.67-1.83-1.75
1872	Pa	190	1	M.	72-72-72	2.00-2.00-2.00
1873	Pa	190	2	M.	60-60-60	1.83-2.00-1.92
1874	Pa	190	3	M.	60-60-60	1.50-1.67-1.56
1875	Pa	190	3	M.	60-60-60	1.83-2.00-1.94
1876	Pa	190	3	M.	60-60-60	1.83-2.00-1.94
1877	Pa	190	3	M.	60-60-60	1.83-2.00-1.94
1878	Pa	190	3	M.	60-60-60	2.00-2.33-2.11
1879	Pa	190	2	M.	60-60-60	1.67-2.00-1.84
1880	N. Y	7	1	M.	(a)	2.50-2.50-2.50
1880	N. Y	7	17	F.	(a)	.67-1.00- .89
1880	Pa	190	2	M.	60-60-60	1.67-2.00-1.84
1881	Pa	190	2	M.	60-60-60	1.67-2.00-1.84
1882	Pa	7	1	M.	(a)	1.67-1.67-1.67
1882	Pa	190	2	M.	60-60-60	1.50-1.67-1.59
1882	W. Va	7	2	M.	59-59-59	1.25-2.33-1.79
1882	Wis	7	1	M.	57-57-57	2.50-2.50-2.50
1883	Pa	190	2	M.	60-60-60	1.67-1.83-1.75
1884	Mich	278	1	M.	(a)	2.25-2.25-2.25
1884	Pa	190	3	M.	60-60-60	1.50-1.83-1.67
1885	Mo	7	1	M.	60-60-60	3.75-3.75-3.75
1885	N. Y	7	10	M.	59-59-59	1.67-1.67-1.67
1885	Pa	190	4	M.	60-60-60	1.50-1.83-1.67
1886	Mich	7	1	M.	60-60-60	2.50-2.50-2.50
1886	Pa	190	4	M.	60-60-60	1.67-1.83-1.71
1887	Pa	190	4	M.	60-60-60	1.67-1.92-1.85
1887	Wis	409	7	M.	(a)	1.50-2.50-1.83
1888	N. Y	331	91	M.	b45-60-57	1.58-3.33-2.27
1888	Pa	190	4	M.	60-60-60	1.67-1.92-1.85
1889	Pa	190	4	M.	60-60-60	1.67-1.92-1.85
1890	N. Y	333	10	M.	(a)	1.00-2.50-1.88
1890	Pa	190	4	M.	60-60-60	1.67-1.92-1.85
1891	N. Y	333	10	M.	(a)	1.67-2.83-2.25
1891	Ohio	372	11	M.	48-60-53	1.80-1.83-1.82
1891	Pa	190	4	M.	60-60-60	1.67-1.92-1.85
1892	Pa	20	3	M.	60-60-60	1.57-2.11-1.79
1892	Pa	190	3	M.	60-60-60	2.11-2.17-2.13
1893	Pa	20	3	M.	60-60-60	1.57-2.11-1.79
1894	Iowa	236	1	M.	60-60-60	2.00-2.00-2.00
1894	Ohio	375	6	M.	c54-60-55	1.37-2.15-1.64
1894	Pa	20	3	M.	60-60-60	1.57-2.11-1.79
1895	Mo	7	2	M.	60-60-60	2.67-4.17-3.42
1895	N. Y	7	15	M.	59-60-59	1.50-2.33-1.67
1895	N. Y	7	20	F.	54-54-54	.58-1.00- .76
1895	N. Y	8	2	M.	60-60-60	2.00-2.50-2.25
1895	Ohio	376	3	M.	54-60-58	1.50-2.15-1.72
1895	Pa	20	3	M.	60-60-60	1.57-2.11-1.79
1895	W. Va	7	1	M.	59-59-59	2.25-2.25-2.25
1896	Mich	7	1	M.	60-60-60	2.50-2.50-2.50
1896	Ohio	377	6	M.	54-60-59	1.00-2.15-1.61
1896	Pa	7	1	M.	51-51-51	1.67-1.67-1.67
1896	Wis	7	2	M.	57-57-57	2.50-2.50-2.50
1897	Australia	428	(a)	(a)	(a)	.91-2.64- —
1898	Australia	429	(a)	(a)	(a)	1.22-2.64- —

GRINDERS, CUTLERY AND EDGE TOOLS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840	England	563	(a)	M.	42-60 —	.41-1.82- —
1850	Pa	8	1	M.	60-60-60	1.25-1.25-1.25
1850	England	563	(a)	M.	42-60 —	.49-1.87- —
1855	Me	8	1	M.	60-60-60	2.00-2.00-2.00
(d)	England	561	(a)	(a)	(a)	.85-1.95- —
1860	England	563	(a)	M.	42-60 —	.41-1.97- —
1863	S. C	8	1	M.	60-60-60	2.00-2.00-2.00
1866	England	566	(a)	M.	42-60 —	.49-2.03- —
(e)	England	567	(a)	M.	42-60 —	.49-2.03- —
1871	Mass	267	63	M.	54-54-54	2.50-2.50-2.50

a Not reported.
b Not including hours of 59 persons not reported.
c Not including hours of 1 person not reported.
d Average for 1855–57.
e Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS, CUTLERY AND EDGE TOOLS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England ..	568	(a) M.	47-48 —	0.97-1.46- —
1871 England ..	629	(a) (a)	58-58-58	1.01-2.43- —
1872 England ..	185	(a) M.	b47-48 —	.40-1.72- —
1873 England ..	185	(a) M.	(a)	1.82-1.82-1.82
1875 Mass	270	35 M.	(a)	1.82-1.82-1.82
1878 England ..	43	(a) (a)	(a)	.97-2.43- —
1879 Pa	384	3 (a)	(a)	1.50-1.50-1.50
1881 N. Y.....	2	24 M.	51-51-51	2.25-2.25-2.25
1883 Conn.....	2	40 M.	59-59-59	2.25-2.25-2.25
1883 Mass	273	187 M.	(a)	1.73-2.00-1.99
1883 England ..	43	(a) (a)	(a)	1.01-2.03- —
1884 Canada ...	466	(a) M.	48-59 —	1.56-1.59- —
1884 Italy	178	(a) M.	(a)	.38- .48- —
1885 Conn.....	2	15 M.	60-60-60	3.00-3.00-3.00
1885 Ill	7	2 M.	(a)	1.50-1.50-1.50
1885 Mass	2	68 M.	60-60-60	2.25-2.25-2.25
1885 N. H	7	7 M.	59-59-59	.83-1.75-1.39
1885 Canada ...	467	(a) M.	53-58 —	1.28-1.40- —
1885 Russia	55	(a) (a)	(a)	.50- .50- .50
1886 Conn	2	55 M.	59-60-59	2.40-3.00-2.56
1886 Mass	2	84 M.	54-54-54	2.00-2.10-2.05
1887 Canada ...	469	(a) M.	54-54-54	1.42-1.43- —
1888 Me	254	1 M.	48-48-48	1.50-1.50-1.50
1888 N. Y.....	331	43 M.	c46-59-57	1.23-2.67-1.93
1889 England ..	631	(a) M.	56-56-56	.57-1.22- —
1890 Mich.....	282	8 M.	60-60-60	1.25-1.92-1.60
1890 N. Y.....	333	43 M.	(a)	.75-3.33-2.27
1890 N. Y.....	333	1 F.	(a)	.50- .50- .50
1891 N. Y.....	333	43 M.	(a)	0.75-3.33-2.23
1891 N. Y.....	333	1 F.	(a)	.60- .60- .60
1891 England ..	576	(a) M.	d54-54-54	.73-1.22- —
1892 England ..	118	(a) M.	(a)	1.01-1.62- —
1892 England ..	577	(a) M.	e54-64 —	.81-1.30- —
1892 England ..	632	(a) M.	f51-54-54	.89-1.42- —
1892 France....	505	(a) M.	63-66 —	.77-1.54- —
1892 Germany .	118	(a) M.	(a)	1.00-1.67- —
1892 Scotland ..	577	(a) M.	54-54-54	1.22-1.42- —
1893 N. Y.....	10	2 M.	48-54-51	1.00-2.50-1.75
1893 Ohio	374	121 M.	g48-60-54	1.25-3.75-1.95
1893 Pa	10	2 M.	60-60-60	.50-1.00- .75
1893 Aust-Hun .	448	(a) M.	66-66-66	.41-1.02- —
1893 Aust-Hun .	448	(a) M.	66-66-66	h.07- .20- —
1893 England ..	578	(a) M.	48-56 —	.81-1.42- —
1894 N. H	316	1 M.	45-45-45	1.17-1.17-1.17
1894 Ohio	375	113 M.	i48-60-53	1.50-3.00-2.03
1894 England ..	590	(a) M.	(a)	.66- .91- —
1895 Mass	7	2 M.	59-60-60	.83-1.00- .92
1895 Mass	8	3 M.	60-60-60	2.25-3.00-2.75
1895 N. H	7	21 M.	59-59-59	1.23-2.36-1.79
1895 Ohio	376	69 M.	48-60-55	1.25-3.50-2.32
1895 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1896 Ill	7	2 M.	48-48-48	1.60-1.60-1.60
1896 Ill	8	1 M.	60-60-60	2.50-2.50-2.50
1896 Ill	12	1 M.	(a)	1.50-1.50-1.50
1896 Ohio	377	34 M.	48-51-50	2.10-3.50-2.47
1896 Ohio	377	1 F.	(a)	2.00-2.00-2.00

GRINDERS, DRUGS AND CHEMICALS.

1840 Pa	8	2 M.	72-72-72	1.00-1.00-1.00
1882 Germany .	554	(a) (a)	58-58-58	.83- .83- .83
1885 Mass	7	2 M.	60-60-60	1.50-1.50-1.50
1885 N. J	324	6 M.	60-60-60	1.83-2.50-2.00
1888 N. Y.....	331	5 M.	53-62-57	1.65-3.00-2.46
1889 England ..	576	(a) M.	(a)	1.14-1.14-1.14
1890 N. Y.....	333	8 M.	(a)	1.50-3.00-2.54
1890 Netherl'ds	666	(a) M.	(a)	.50- .57- —
1891 N. Y.....	333	12 M.	(a)	1.40-3.00-2.25
1892 Cal.....	196	1 M.	54-54-54	.96- .96- .96
1892 France....	505	(a) M.	70-74 —	.76-1.25- —
1895 Mass	7	2 M.	56-56-56	2.00-2.00-2.00
1895 Pa	8	3 M.	60-60-60	1.50-2.00-1.67

GRINDERS, FOUNDRY AND MACHINE SHOP.

(j) England ..	561	(a) (a)	(a)	1.22-1.70- —
1866 England ..	566	(a) M.	59-60 —	.81-1.22- —
(k) England ..	567	(a) M.	59-59-59	.81-1.05- —
1868 Germany .	619	(a) M.	72-75 —	.43- .73- —
1870 Norway ...	610	(a) M.	(a)	.36- .45- —
1871 Norway ...	185	(a) (a)	(a)	.36- .49- —
1871 Scotland ..	629	(a) (a)	57-57-57	1.26-1.26-1.26
1872 England ..	185	(a) M.	50-50-50	.48-2.02- —
1872 Germany .	185	(a) M.	60-60-60	.76- .76- .76
1873 Aust-Hun .	711	(a) M.	(a)	l.11½-.11½-.11½
1873 England ..	185	(a) M.	(a)	1.18-2.43- —
1874 England ..	569	(a) M.	34-54 —	1.30-2.03- —
1877 Ohio	359	3 M.	(a)	1.75-1.75-1.75
1878 England ..	177	(a) M.	(a)	1.13-1.13-1.13
1879 Pa	384	2 M.	60-60-60	1.30-3.00-2.15
1880 England ..	571	(a) M.	54-54-54	1.09-1.12- —
1881 Ohio	363	1 M.	59-59-59	1.97-1.97-1.97
1882 Ohio	364	6 (a)	(a)	1.53-1.53-1.53
1883 Mass	273	211 M.	(a)	1.75-1.75-1.75
1883 England ..	572	(a) M.	54-54-54	1.01-1.50- —
1883 Germany .	555	(a) (a)	57-57-57	.99- .99- .99
1883 Gr't Brit...	273	(a) M.	(a)	.57-1.62- —
1883 Gr't Brit...	273	(a) (a)	(a)	.41- .61- —
1884 Ohio	367	4 M.	(a)	2.25-2.25-2.25
1884 Canada ...	466	(a) M.	59-59-59	1.06-1.06-1.06
1884 England ..	178	(a) M.	54-54-54	1.38-1.38-1.38
1884 Germany .	178	(a) M.	60-63 —	.55- .57- —
1884 Russia	178	(a) M.	68-68-68	.48- .65- —
1885 Ill.....	1	4 M.	60-60-60	1.50-1.50-1.50
1885 Ind	1	2 M.	60-60-60	1.50-1.50-1.50
1885 Mich.....	1	51 M.	60-60-60	1.25-2.00-1.26
1885 N. Y.....	1	35 M.	60-60-60	1.50-1.87-1.52
1885 N. Y.....	7	2 M.	(a)	3.00-3.08-3.04
1885 Ohio	367	3 M.	(a)	2.00-2.00-2.00
1885 Pa	389	4 M.	(a)	1.92-1.92-1.92
1885 Belgium ..	55	(a) M.	(a)	1.00-1.00-1.00
1885 Canada ...	467	(a) M.	60-60-60	1.25-1.38- —
1885 Germany .	69	(a) M.	(a)	.79- .79- .79

a Not reported.
b Applies to but 8 of the 15 wage quotations.
c Not including hours of 18 persons not reported.
d Applies to but 3 of the 4 wage quotations.
e Applies to but 4 of the 5 wage quotations.
f Applies to but 4 of the 10 wage quotations.
g Not including hours of 10 persons not reported.
h And board and lodging.
i Not including hours of 1 person not reported.
j Average for 1855–57.
k Average for 1867–68.
l Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS, FOUNDRY AND MACHINE SHOP—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Mich	282	1 M.	60-60-60	1.25-1.25-1.25	1892 France	505	(a) M.	60-69 —	0.53-1.35- —
1886 England	604	(a) M.	b 54-54-54	.76-1.34- —	1892 Scotland	577	(a) M.	54-54-54	1.22-1.42- —
1886 Germany	69	(a) M.	(a)	.84- .84- .84	1892 Scotland	632	(a) M.	54-54-54	1.34-1.62- —
1886 Ireland	604	(a) M.	54-54-54	.70- .70- .70	1893 Ohio	374	26 M.	e 54-60-60	1.50-2.00-1.78
1886 Scotland	604	(a) M.	(a)	.88-1.24- —	1893 England	632	(a) F.	(a)	.57- .57- .57
1887 Conn	202	20 M.	(a)	2.26-2.26-2.26	1893 N. Zealand	668	(a) M.	(a)	1.76-1.76-1.76
1887 Ohio	369	27 M.	60-60-60	.75-3.50-2.14	1894 Ind	228	4 M.	54-60-59	1.50-2.50-1.88
1887 Pa	4	1 M.	(a)	1.90-1.90-1.90	1894 Ohio	375	34 M.	54-60-58	.94-2.25-1.48
1887 Wis	409	4 M.	(a)	1.75-1.75-1.75	1894 Aust-Hun	434	(a) M.	60-60-60	.74- .95- —
1888 N. J	326	9 M.	(a)	2.33-2.50-2.46	1894 N. Zealand	669	(a) M.	(a)	1.70-1.76- —
1888 N. Y	331	20 M.	c 47-60-56	1.50-4.00-2.44	1895 N. Y	7	3 M.	54-54-54	3.00-3.33-3.11
1888 Australia	432	(a) M.	(a)	2.07-2.07-2.07	1895 Ohio	376	51 M.	f 60-60-60	.75-2.75-2.04
1888 Canada	470	(a) M.	57-57-57	1.65-1.65-1.65	1895 Aust-Hun	435	(a) M.	60-60-60	.68-1.35- —
1888 England	5	(a) M.	(a)	1.46-1.46-1.46	1895 N. Zealand	670	(a) M.	(a)	1.83-1.83-1.83
1888 Germany	558	(a) (a)	60-60-60	.99-1.55- —	1896 Conn	8	2 M.	60-60-60	2.25-2.50-2.38
1889 W. Va	5	9 M.	(a)	1.55-1.70-1.64	1896 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1889 Belgium	5	(a) M.	62-62-62	.81- .81- .81	1896 Ohio	377	18 M.	c 60-60-60	1.25-2.00-1.56
1889 England	5	(a) M.	(a)	.20- .51- —	1896 Pa	394	1 M.	60-60-60	1.70-1.70-1.70
1889 France	5	(a) M.	(a)	.63- .72- —	1896 Aust-Hun	436	(a) (a)	60-60-60	.55-1.35- —
1890 Mich	282	22 M.	60-60-60	.58-2.25-1.34	1896 N. Zealand	671	(a) M.	(a)	1.70-1.83- —
1890 N. Y	333	14 M.	(a)	1.25-3.85-2.04	1896 Scotland	592	(a) M.	(a)	1.35-1.42- —
1891 N. Y	333	20 M.	(a)	.90-3.85-1.70	1897 N. Y	8	5 M.	60-60-60	1.00-2.75-2.05
1891 Belgium	457	(a) M.	60-60-60	.72- .87- —	1897 Aust-Hun	437	(a) (a)	57-60 —	.60-1.02- —
1891 Scotland	576	(a) M.	d 54-54-54	1.22-1.42- —	1897 N. Zealand	672	(a) M.	(a)	1.70-1.83- —
1892 Ind	227	26 M.	54-54-54	1.35-1.35-1.35	1897 Scotland	593	(a) (a)	(a)	1.38-1.42- —
1892 England	632	(a) M.	53-53-53	1.38-1.54- —	1898 N. J	329	5 M.	60-60-60	1.33-1.33-1.33

GRINDERS, GLASS.

1868 Germany	610	(a) M.	72-72-72	.37- .61- —	1889 Germany	550	(a) M.	(a)	.71-1.07- —
1871 England	629	(a) M.	50-50-50	.32-1.54- —	1889 Portugal	691	(a) M.	(a)	.26- .54- —
1872 Belgium	185	(a) (a)	(a)	.69- .69- .69	1890 Cal	195	1 M.	(a)	1.00-1.00-1.00
1877 Germany	177	(a) M.	(a)	.71- .94- —	1890 Ind	6	24 M.	60-60-60	.75- .75- .75
1877 Germany	177	(a) F.	(a)	.31- .39- —	1890 N. Y	6	3 M.	(a)	2.84-3.99-3.60
1878 England	177	(a) M.	(a)	.40-1.82- —	1890 N. Y	333	183 M.	(a)	1.22-2.50-2.03
1882 Ohio	364	32 M.	59-60-60	1.25-2.00-1.67	1890 Ohio	6	3 M.	(a)	1.50-2.32-1.96
1882 Germany	554	(a) (a)	51-51-51	.40- .71- —	1890 Ohio	6	22 F.	58-60-59	.67- .75- .72
1883 N. J	322	29 M.	g 60-60-60	2.67-4.00-3.30	1890 Pa	6	3 M.	j 54-54-54	1.83-3.67-2.88
1883 England	572	(a) M.	57-57-57	.36-1.20- —	1890 Netherl'ds	666	(a) M.	d 66-66-66	.54- .80- —
1883 Germany	555	(a) (a)	48-60 —	.48-1.43- —	1890 Netherl'ds	666	(a) M.	(a)	k .05½- .07- —
1883 Germany	555	(a) (a)	48-48-48	h .24- .24- .24	1891 N. Y	333	201 M.	(a)	1.00-2.50-2.06
1884 N. J	323	33 M.	g 48-72-59	1.25-3.45-2.32	1891 France	505	(a) M.	60-70 —	.77-2.90- —
1884 Aust-Hun	178	(a) M.	66-71 —	.31-1.20- —	1892 Ind	227	5 M.	60-60-60	1.10-1.10-1.10
1884 Belgium	178	(a) M.	72-72-72	1.45-2.00- —	1892 Ohio	373	4 M.	54-54-54	.60- .60- .60
1884 Canada	466	(a) M.	48-48-48	1.58-1.58-1.58	1892 Ohio	373	19 F.	58-60-59	.66-1.00- .80
1884 England	178	(a) M.	60-60-60	.93-1.41- —	1892 Ohio	373	4 (a)	54-60-56	1.33-2.00-1.58
1884 Germany	178	(a) M.	i 60-60-60	.42-1.79- —	1892 France	505	(a) M.	60-70 —	.39-1.64- —
1884 Germany	178	(a) F.	60-60-60	.21- .39- —	1892 France	505	(a) M.	60-60-60	l .29- .52- —
1884 Russia	178	(a) M.	(a)	.64-1.60- —	1892 France	505	(a) F.	60-70 —	.34- .72- —
1885 N. J	324	36 M.	g 48-72-60	1.25-3.83-2.51	1895 Ohio	376	2 M.	60-60-60	2.00-2.00-2.00
1885 Ohio	1	1 M.	54-54-54	.83- .83- .83	1895 Aust-Hun	435	(a) M.	54-66 —	.41- .54- —
1885 Pa	1	6 M.	60-60-60	.70- .70- .70	1896 Ohio	377	1 M.	60-60-60	2.00-2.00-2.00
1886 N. J	325	24 M.	60-60-60	2.58-3.75-3.10	1896 Pa	7	5 F.	48-48-48	.67- .83- .73
1886 Pa	7	3 F.	48-48-48	.58- .67- .64	1896 Aust-Hun.	436	(a) (a)	d 48-48-48	.34-1.35- —
1886 Germany	548	(a) (a)	(a)	.32- .95- —	1897 Ohio	377	4 M.	54-54-54	2.50-2.50-2.50
1888 N. J	326	3 (a)	54-57-55	3.60-4.00-3.85	1897 Ohio	377	40 F.	48-60-57	.75- .95- .90
1888 N. Y	331	1 M.	59-59-59	2.54-2.54-2.54	1897 Aust-Hun.	437	(a) (a)	36-66 —	.34- .68- —
1888 Germany	558	(a) (a)	60-60-60	.67-1.07- —	1898 Aust-Hun.	437	(a) (a)	42-84 —	.27- .81- —
1889 Ind	6	2 F.	60-60-60	.83- .83- .83	1898 Aust-Hun.	437	(a) (a)	60-60-60	m .61- .95- —
1889 N. J	6	4 M.	60-60-60	1.25-1.25-1.25					

a Not reported.
b Applies to but 3 of the 5 wage quotations.
c Not including hours of 4 persons not reported.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 7 persons not reported.
f Not including hours of 15 persons not reported.
g Not including hours of 1 person not reported.
h And board and lodging.
i Applies to but 3 of the 7 wage quotations.
j Not including hours of 2 persons not reported.
k Per hour.
l And lodging.
m And board, lodging, and perquisites.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS' HELPERS, COFFEE AND SPICES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 N. Y.	7	1 M.	(a)	1.00-1.00-1.00	1895 N. Y.	7	2 M.	60-60-60	0.83-0.83-0.83
1890 N. Y.	333	1 M.	(a)	.50- .50- .50	1895 N. Y.	8	2 M.	60-60-60	1.80-2.00-1.90
1891 N. Y.	333	2 M.	(a)	.67-1.00- .84	1895 W. Va.	7	1 M.	59-59-59	1.25-1.25-1.25

GRINDERS' HELPERS, GLASS.

1884 Aust-Hun.	178	(a) M.	66-66-66	.23- .33- —	1890 Pa	6	4 M.	54-54-54	.67- .67- .67
1890 Ind	6	32 M.	55-60-58	1.42-1.50-1.46	1892 Ohio	373	1 (a)	60-60-60	1.50-1.50-1.50
1890 N. Y.	6	1 M.	(a)	.34- .34- .34					

GRINDERS' HELPERS, LEAD AND PAINT.

1885 Mich	7	7 M.	60-60-60	1.50-1.50-1.50	1891 N. Y.	333	8 M.	(a)	.67-1.67-1.27
1890 N. Y.	333	5 M.	(a)	1.17-1.67-1.40	1896 Mich	7	11 M.	60-60-60	2.00-2.00-2.00

GRINDERS' HELPERS, PAPER MILL.

1863 England	565	(a) M.	(a)	.14- .32- —	1891 N. Y.	333	12 M.	(a)	1.50-1.50-1.50
1890 N. Y.	333	10 M.	(a)	1.50-1.50-1.50	1896 Pa	7	1 M.	60-60-60	.67- .67- .67

GRINDERS' HELPERS, TOOLS.

1890 N. Y.	333	5 M.	(a)	.75-1.00- .95	1891 N. Y.	333	5 M.	(a)	.75-1.00- .95

GRINDERS, LEAD AND PAINT.

1844 Pa	190	1 M.	(a)	1.00-1.00-1.00	1878 Pa	190	3 M.	60-60-60	1.34-1.67-1.47
1845 Pa	190	1 M.	(a)	1.00-1.00-1.00	1879 Pa	190	4 M.	60-60-60	1.25-1.67-1.42
1846 Pa	190	1 M.	(a)	1.00-1.00-1.00	1880 Pa	190	4 M.	60-60-60	1.25-2.00-1.54
1847 Pa	190	1 M.	(a)	1.00-1.00-1.00	1881 Pa	190	5 M.	60-60-60	1.25-2.00-1.55
1848 Pa	190	1 M.	(a)	1.00-1.00-1.00	1882 Pa	190	4 M.	60-60-60	1.34-2.00-1.60
1849 Pa	190	2 M.	(a)	1.00-1.00-1.00	1883 Pa	190	4 M.	60-60-60	1.34-2.00-1.60
1850 Pa	190	2 M.	(a)	1.00-1.00-1.00	1884 Pa	190	2 M.	60-60-60	1.50-2.00-1.75
1851 Pa	190	2 M.	(a)	1.00-1.00-1.00	1885 Mich	7	6 M.	60-60-60	2.00-2.00-2.00
1852 Pa	190	2 M.	(a)	1.00-1.00-1.00	1885 N. J	7	5 M.	(a)	1.67-2.17-1.87
1853 Pa	190	2 M.	(a)	1.00-1.00-1.00	1885 Pa	190	3 M.	60-60-60	1.25-2.00-1.64
1854 Pa	190	2 M.	(a)	1.00-1.00-1.00	1886 N. Y.	3	1 F.	59-59-59	.75- .75- .75
1864 Pa	190	1 M.	60-60-60	1.75-1.75-1.75	1886 Pa	190	3 M.	60-60-60	1.34-2.00-1.67
1865 Pa	190	1 M.	60-60-60	1.75-1.75-1.75	1887 Ohio	3	1 F.	58-58-58	.42- .42- .42
1866 Pa	190	2 M.	60-60-60	1.75-1.75-1.75	1887 Pa	190	3 M.	60-60-60	1.34-2.00-1.78
1867 Pa	190	4 M.	60-60-60	1.75-1.75-1.75	1888 N. Y.	331	1 M.	55-55-55	2.50-2.50-2.50
1868 Pa	190	4 M.	60-60-60	1.75-1.75-1.75	1888 Pa	190	3 M.	60-60-60	1.34-2.00-1.78
1869 Pa	190	6 M.	60-60-60	1.50-2.00-1.92	1889 Pa	190	3 M.	60-60-60	1.34-2.00-1.78
1870 Pa	190	4 M.	60-60-60	1.67-2.00-1.92	1890 N. Y.	333	95 M.	(a)	.83-3.00-1.95
1871 Pa	190	4 M.	60-60-60	1.67-2.00-1.92	1890 Pa	190	3 M.	60-60-60	2.00-2.00-2.00
1872 Pa	190	2 M.	60-60-60	2.00-2.00-2.00	1891 N. Y.	333	67 M.	(a)	.83-3.00-1.70
1873 Pa	190	2 M.	60-60-60	1.75-2.17-1.96	1891 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1874 Pa	190	2 M.	60-60-60	1.75-2.17-1.96	1891 Belgium	457	(a) M.	54-54-54	.68- .97- —
1875 Pa	190	8 M.	60-60-60	1.75-2.17-1.80	1892 Cal	196	1 M.	54-54-54	2.50-2.50-2.50
1876 Pa	190	7 M.	60-60-60	1.75-2.17-1.81	1892 Pa	190	2 M.	60-60-60	2.00-2.00-2.00
1877 Ohio	359	7 M.	(a)	1.83-1.83-1.83	1893 Mo	302	4 M.	60-60-60	2.75-2.75-2.75
1877 Pa	190	6 M.	60-60-60	1.75-2.17-1.83	1893 Ohio	374	58 M.	60-60-60	.75-2.50-2.19

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS, LEAD AND PAINT—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Re-p't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Ohio	375	58	M.	54-60-59	1.50-2.50-1.96	1896 Mich	7	10	M.	60-60-60	3.00-3.00-3.00
1894 Ohio	375	2	F.	60-60-60	.57- .57- .57	1896 N. Y	8	1	M.	59-59-59	1.50-1.50-1.50
1894 France	129	(a)	M.	60-60-60	.68-1.01- —	1896 Ohio	377	79	M.	56-60-59	1.67-2.46-2.18
1895 N. J	7	6	M.	54-54-54	1.50-2.17-1.81	1897 Australia	428	(a)	(a)	(a)	2.68-2.68-2.68
1895 Ohio	376	88	M.	54-60-60	1.63-2.33-1.95	1898 Australia	429	(a)	(a)	(a)	2.68-2.68-2.68

GRINDERS, MARBLE AND STONE.

1898	Aust-Hun	438	(a)	(a)	54-54-54	.68-1.02- —	....	.....	....	....	...	.....	.....

GRINDERS, NEEDLES.

1844	England	8	(a)	M.	66-66-66	.75- .75- .75	1895	Conn	8	2	M.	60-60-60	2.00-3.00-2.50
1853	Conn	8	3	M.	60-60-60	1.50-1.50-1.50	1895	Conn	8	2	F.	60-60-60	1.83-1.83-1.83
1865	Canada	8	(a)	M.	60-60-60	1.50-1.50-1.50	1895	Mass	8	4	M.	60-60-60	.67- .67- .67
1865	Canada	8	(a)	F.	60-60-60	1.00-1.00-1.00	1895	Mass	8	3	F.	60-60-60	1.00-1.00-1.00
1888	N. J	326	2	F.	59-59-59	1.00-1.00-1.00	1895	N. H	8	1	M.	60-60-60	1.67-1.67-1.67
1888	N. Y	331	1	M.	(a)	2.50-2.50-2.50	1895	N. H	8	5	F.	60-60-60	1.00-1.00-1.00
1891	N. Y	333	1	M.	(a)	2.00-2.00-2.00	1898	Aust-Hun	438	(a)	(a)	63-63-63	.81- .95- —
1893	N. J	327	10	F.	b57-57-57	1.35-1.40-1.38							

GRINDERS, OPTICAL GOODS.

1886	Mich	7	2	M.	57-57-57	2.00-2.17-2.09	1891	N. Y	333	15	M.	(a)	.50-2.50-1.17
1886	N. Y	7	106	M.	(a)	.33-3.00-1.49	1895	N. Y	7	15	F.	48-48-48	.83-1.25-1.01
1890	N. Y	333	12	M.	(a)	.50-4.00-1.45	1896	Mich	7	208	M.	54-60-59	.33-3.00-1.37

GRINDERS, PAPER MILL.

1863	England	565	(a)	M.	(a)	.91- .91- .91	1888	N. Y	331	4	M.	72-72-72	1.50-1.50-1.50
1872	Germany	185	(a)	(a)	84-84-84	.54- .54- .54	1890	N. Y	333	39	M.	(a)	1.25-1.75-1.48
1884	Mich	278	2	M.	(a)	1.75-1.75-1.75	1891	N. Y	333	23	M.	(a)	1.25-1.75-1.48
1884	Canada	178	(a)	(a)	60-60-60	1.25-1.25-1.25	1892	France	505	(a)	M.	70-70-70	.39- .48- —
1885	N. H	1	50	M.	72-72-72	1.40-1.40-1.40	1895	N. H	7	8	M.	60-60-60	1.40-1.65-1.46
1887	Wis	409	42	(a)	(a)	1.62-1.62-1.62	1896	Pa	7	1	M.	60-60-60	1.50-1.50-1.50

GRINDERS, PENS.

1888	N. Y	331	4	M.	60-60-60	1.17-2.67-1.92	1893	N. J	327	1	F.	53-53-53	1.33-1.33-1.33
1891	N. Y	333	18	M.	(a)	2.33-3.33-2.93							

GRINDERS, RUBBER.

1883	N. J	7	9	M.	60-60-60	1.17-2.08-1.27	1887	Conn	202	75	M.	(a)	1.60-1.60-1.60
1883	N. J	322	35	M.	60-60-60	1.25-2.50-1.50	1895	N. J	7	14	M.	60-60-60	.75-1.17-1.04
1884	N. J	323	64	M.	60-60-60	1.25-1.67-1.66	1896	Mass	8	1	M.	60-60-60	1.33-1.33-1.33
1884	Scotland	178	(a)	M.	56-56-56	.93- .93- .93	1896	R. I	8	3	M.	60-60-60	1.25-1.25-1.25
1885	Mass	1	150	M.	60-60-60	1.25-1.25-1.25							

a Not reported. b Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GRINDERS, SILVER GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Germany	178	(a) M.	66-66-66	0.48-2.38- —
1885 Germany	71	(a) M.	66-66-66	1.30-1.30-1.30

GRINDERS, TOBACCO.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 N. C	7	2 M.	(a)	.75- .75- .75
1886 Mich	7	1 M.	60-60-60	2.00-2.00-2.00
1887 Wis	409	2 M.	(a)	2.50-2.50-2.50
1888 N. Y	331	1 M.	59-59-59	1.42-1.42-1.42
1892 Russia	692	(a) (a)	(a)	.35- .80- —
1894 N. C	8	6 M.	60-60-60	.60- .65- .63
1895 N. Y	7	1 M.	59-59-59	1.33-1.33-1.33
1896 Mich	7	1 M.	55-55-55	2.17-2.17-2.17
1896 N. C	7	4 M.	54-54-54	.83-1.00- .92

GRINDERS, TOOLS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1786 England	572	(a) (a)	(a)	2.03-2.84- —
1810 England	572	(a) (a)	(a)	4.06-5.68- —
1822 England	572	(a) (a)	(a)	2.84-4.06- —
1825 England	572	(a) (a)	(a)	3.65-3.65-3.65
1826 England	572	(a) (a)	(a)	4.87-4.87-4.87
1829 England	572	(a) (a)	(a)	4.46-4.46-4.46
1830 England	572	(a) (a)	(a)	4.06-4.06-4.06
1832 England	572	(a) (a)	(a)	1.42-2.84- —
1833 England	572	(a) (a)	(a)	4.06-4.06-4.06
1840 England	563	(a) M.	36-60 —	1.22-2.19- —
1850 England	563	(a) M.	36-60 —	1.22-2.19- —
(b) England	561	(a) (a)	(a)	1.10-2.07- —
1860 England	563	(a) M.	36-60 —	1.22-2.19- —
1866 England	566	(a) M.	c48-48-48	1.62-2.84- —
(d) England	567	(a) M.	e48-59 —	1.05-2.84- —
1869 Aust-Hun	609	(a) (a)	(a)	.57- .65- —
1871 England	568	(a) M.	f54-54-54	.89-1.64- —
1871 England	629	(a) (a)	58-58-58	1.62-2.43- —
1872 England	185	(a) M.	g54-54-54	.89-2.44- —
1874 England	568	(a) M.	36-36-36	1.62-1.62-1.62
1878 England	43	(a) (a)	(a)	1.82-2.43- —
1879 Mo	293	1 M.	48-48-48	2.67-2.67-2.67
1881 Ohio	363	17 M.	(a)	2.88-2.88-2.88
1883 N. J	322	21 M.	54-60-58	1.00-3.00-1.96
1883 England	43	(a) (a)	(a)	1.22-1.62- —
1884 Mo	295	1 M.	60-60-60	3.00-3.00-3.00
1884 Aust-Hun	178	(a) M.	60-60-60	.38- .54- —
1884 Canada	466	(a) M.	60-60-60	2.63-2.63-2.63
1885 N. J	324	1 M.	60-60-60	1.50-1.50-1.50
1885 Canada	467	(a) M.	50-55 —	1.87-2.05- —
1887 Ohio	369	1 M.	60-60-60	2.25-2.25-2.25
1887 Canada	469	(a) M.	56-56-56	2.13-2.18- —
1888 N. J	326	24 M.	h60-60-60	2.00-2.75-2.44
1888 N. Y	331	48 M.	i45-60-53	1.63-3.50-2.24
1888 Germany	558	(a) (a)	60-60-60	.60-1.19- —
1889 England	631	(a) M.	54-54-54	1.22-1.38- —
1890 Mich	282	2 M.	60-60-60	1.13-2.33-1.73
1890 N. Y	333	46 M.	(a)	1.25-5.00-1.98
1890 C. of G'd H.	484	(a) (a)	(a)	2.61-2.80- —
1891 N. Y	333	46 M.	(a)	1.25-5.00-1.99
1892 England	632	(a) M.	(a)	1.22-1.22-1.22
1892 France	505	(a) M.	60-69 —	.63-1.93- —
1893 Ohio	374	16 M.	j53-60-58	.75-2.75-2.19
1894 Ohio	375	11 M.	48-60-50	2.00-3.00-2.25
1894 Aust-Hun	434	(a) M.	60-60-60	.61- .81- —
1895 Me	8	1 M.	60-60-60	1.50-1.50-1.50
1895 N. Y	8	12 M.	60-60-60	1.30-2.00-1.45
1895 Ohio	376	12 M.	45-60-49	.75-2.00-1.79
1895 Pa	8	1 M.	60-60-60	2.50-2.50-2.50
1895 Aust-Hun	435	(a) (a)	60-60-60	.61-1.22- —
1896 Ohio	377	61 M.	52-60-54	1.50-2.27-1.99
1897 England	593	(a) (a)	(a)	1.38-1.52- —
1898 Aust-Hun	438	(a) (a)	66-72 —	.81-1.02- —

GRIPMEN, STREET RAILWAY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Cal	192	38 M.	35-98-68	1.46-2.92-2.18
1885 Pa	389	49 M.	93-93-93	2.40-2.40-2.40
1887 Mo	297	65 M.	60-72-69	2.00-2.68-2.16
1888 Kans	242	35 M.	84-84-84	2.50-2.50-2.50
1888 Ohio	370	96 M.	72-72-72	2.00-2.00-2.00
1889 Kans	243	45 M.	54-72-70	1.67-2.40-2.34
1890 Kans	244	5 M.	(a)	2.40-2.40-2.40
1892 Cal	196	96 M.	k52-72-70	1.50-2.70-2.36
1892 Cal	196	1 M.	(a)	l .22- .22- .22
1893 Md	10	2 M.	70-84-77	2.00-2.33-2.17
1893 Mo	302	495 M.	n48-72-62	1.53-2.25-2.05
1893 Mo	302	60 M.	(a)	l .17- .17- .17
1893 Pa	10	1 M.	84-84-84	2.00-2.00-2.00
1895 Kans	249	4 M.	60-90-71	1.70-2.04-1.87
1896 Kans	250	1 M.	72-72-72	2.11-2.11-2.11
1898 Mo	306	239 (a)	66-66-66	1.87-1.87-1.87
1898 Wash	405	57 (a)	(a)	1.80-2.00-1.88

a Not reported.
b Average for 1855–57.
c Applies to but 2 of the 4 wage quotations.
d Average for 1867–68.
e Applies to but 3 of the 5 wage quotations.
f Applies to but 1 of the 4 wage quotations.
g Applies to but 1 of the 7 wage quotations.
h Not including hours of 23 persons not reported.
i Not including hours of 24 persons not reported.
j Not including hours of 2 persons not reported.
k Not including hours of 11 persons not reported.
l Per hour.
n Not including hours of 15 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GROOMS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1868 England	628	(a) M.	(a)	0.59-0.59-0.59
1873 Persia	184	(a) M.	(a)	.10- .10- .10
1881 Australia	431	(a) M.	(a)	b.53- .87- —
1884 Mich	278	7 M.	(a)	.53-2.96-1.41
1884 Belgium	178	(a) M.	(a)	c.15- .32- —
1884 Canada	178	(a) M.	(a)	.82-1.48- —
1884 Ceylon	178	(a) (a)	(a)	.12- .13- —
1884 England	178	(a) M.	(a)	.62-1.42- —
1884 England	178	(a) M.	(a)	b.35- .51- —
1884 Gibraltar	178	(a) M.	(a)	b.33- .66- —
1884 Italy	178	(a) M.	(a)	b.13- .40- —
1884 Madeira Is.	178	(a) (a)	(a)	d.16- .16- .16
1884 Morocco	178	(a) (a)	(a)	.49- .49- .49
1884 Morocco	178	(a) (a)	(a)	d.16- .16- .16
1884 Russia	178	(a) M.	(a)	b.06½-.12- —
1884 Spain	178	(a) M.	(a)	b.30- .49- —
1885 Australia	431	(a) M.	(a)	b.53- .87- —
1886 Belgium	456	(a) M.	(a)	.44- .58- —
1886 C.of G'd H.	483	(a) (a)	(a)	.63- .63- .63
1888 Ohio	370	32 M.	72-72-72	1.35-1.35-1.35
1888 C.of G'd H.	484	(a) M.	(a)	.52-1.39- —
1889 Australia	422	(a) (a)	72-72-72	1.25-1.25-1.25
1890 Australia	423	(a) (a)	72-72-72	1.25-1.25-1.25
1890 C.of G'd H.	486	(a) M.	(a)	.70- .87- —
1890 C.of G'd H.	486	(a) M.	(a)	d.12- .20- —
1890 N.Zealand	683	(a) M.	(a)	d.52-1.04- —
1891 France	505	(a) M.	e72-72-72	.87-1.06- —
1891 N.Zealand	667	(a) (a)	(a)	d.52-1.04- —
1892 Ohio	373	241 (a)	f60-96-63	1.00-1.71-1.46
1892 Australia	414	(a) (a)	(a)	g0.52-1.04- —
1892 Australia	424	(a) M.	72-72-72	1.04-1.25- —
1892 C.of G'd H.	486	(a) M.	(a)	.16-1.22- —
1892 C.of G'd H.	486	(a) M.	(a)	d.16-1.12- —
1892 France	505	(a) M.	60-72 —	.71- .77- —
1893 Mo	302	3 M.	54-54-54	1.33-1.33-1.33
1893 Australia	415	(a) (a)	(a)	g.35- .87- —
1893 N.Zealand	668	(a) M.	72-72-72	1.01-1.01-1.01
1893 N.Zealand	682	(a) (a)	(a)	d.35-1.39- —
1894 Australia	416	(a) (a)	(a)	.35- .69- —
1894 Australia	425	(a) (a)	(a)	.87-1.22- —
1894 C.of G'd H.	487	(a) M.	72-84 —	.42- .73- —
1894 C.of G'd H.	487	(a) M.	54-72 —	b.08-1.04- —
1895 Mich	287	14 M.	(a)	.67-1.33-1.10
1895 Australia	417	(a) (a)	(a)	.35- .70- —
1895 Australia	426	(a) (a)	(a)	.87-1.22- —
1895 N.Zealand	184	(a) M.	(a)	d.52-1.39- —
1896 Australia	427	(a) (a)	(a)	.70-1.04- —
1896 Belgium	184	(a) M.	(a)	.29- .29- .29
1896 Persia	184	(a) M.	(a)	.08- .08- .08
1897 Australia	418	(a) (a)	(a)	.70- .70- .70
1897 Australia	418	(a) (a)	(a)	d.35- .52- —
1897 Australia	418	(a) (a)	(a)	h.52- .70- —
1897 Australia	428	(a) (a)	(a)	.70-1.04- —
1897 France	511	(a) M.	84-84-84	.68- .68- .68
1898 Australia	419	(a) (a)	(a)	.35- .87- —
1898 Australia	419	(a) (a)	(a)	d.35- .35- .35
1898 Australia	419	(a) (a)	(a)	i .67- .67- .67
1898 Australia	429	(a) (a)	(a)	.70-1.04- —

GROOVERS, NEEDLES.

1850	Mass	8	20	M.	60-60-60	1.75-1.75-1.75	1895	Conn	8	8	F.	60-60-60	1.00-1.00-1.00
1851	Conn	8	15	M.	60-60-60	1.50-1.50-1.50	1895	Mass	7	1	M.	58-58-58	1.45-1.45-1.45
1885	Mass	7	2	M.	60-60-60	.83-1.00- .92	1895	Mass	7	10	F.	58-58-58	.64-1.29- .96
1885	Mass	7	14	F.	60-60-60	.45-1.09- .89	1895	Mass	8	4	F.	60-60-60	1.25-1.25-1.25
1895	Conn	8	2	M.	60-60-60	2.00-2.00-2.00							

GROOVERS, TINWARE.

1870	Pa	8	2	M.	60-60-60	1.67-1.67-1.67	1888	N. Y	331	3	M.	55-55-55	1.42-1.42-1.42
1873	Pa	8	1	M.	60-60-60	1.67-1.67-1.67	1889	Pa	8	1	M.	60-60-60	1.50-1.50-1.50
1876	Pa	8	1	M.	60-60-60	1.67-1.67-1.67	1890	N. Y	333	5	M.	(a)	1.67-1.67-1.67
1878	Pa	8	2	M.	60-60-60	1.50-1.50-1.50	1891	N. Y	333	4	M.	(a)	1.67-1.67-1.67
1880	Pa	8	2	M.	60-60-60	1.50-1.50-1.50	1896	Pa	8	9	M.	60-60-60	1.00-1.67-1.22
1881	Pa	8	2	M.	60-60-60	1.50-1.50-1.50							

GROOVERS, WOOD.

1876	N. Y	8	1	M.	60-60-60	2.33-2.33-2.33	1895	N. J	7	1	M.	54-54-54	1.00-1.00-1.00
1885	N. J	7	1	M.	(a)	1.25-1.25-1.25	1895	N. J	8	5	M.	59-60-59	.67-3.00-1.40
1891	France	505	(a)	M.	60-60-60	.97-1.93- —	1895	N. Y	8	13	M.	54-60-60	.75-2.50-1.74
1892	France	505	(a)	M.	60-60-60	.92- .92- .92	1895	N. C	8	3	M.	60-60-60	.75-1.25-1.08
1894	Ga	8	3	M.	60-60-60	1.25-2.00-1.58	1896	N. Y	8	3	M.	60-60-60	1.50-2.50-1.83
1894	N. Y	8	6	M.	60-60-60	1.25-1.75-1.45	1897	Mass	8	6	M.	60-60-60	1.00-2.50-1.50
1894	N. C	8	1	M.	60-60-60	2.00-2.00-2.00	1897	N. C	8	1	M.	66-66-66	.60- .60- .60
1895	Mass	8	1	M.	60-60-60	1.50-1.50-1.50	1897	Pa	8	1	M.	60-60-60	1.25-1.25-1.25

a Not reported.
b And board and lodging.
c And board, lodging, and clothing.
d And board.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 36 persons not reported.
g And found.
h And keep.
i And rations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GROUNDERS, OILCLOTH.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—		Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average—	
				Hours of work per week.	Rates of wages per day (dollars).					Hours of work per week.	Rates of wages per day (dollars).
1890 N. Y.....	333	8	M.	(a)	1.25-1.50-1.41	1891 N. Y.....	333	9	M.	(a)	1.25-1.50-1.42

GROUNDERS, TANNERY.

1872 England ..	185	(a)	(a)	54-54-54	1.46-1.69- —	1883 England ..	572	(a)	M.	57-57-57	1.22-1.42- —

GROUNDERS, WALL PAPER.

1882 Germany .	30	(a)	M.	(a)	.69- .69- .69	1884 Germany .	178	(a)	M.	(a)	.60- .71- —

GROUND LAYERS, CLAY AND POTTERY PRODUCTS.

1841 England ..	625	(a)	M.	63-63-63	.97- .97- .97	1892 Ohio	373	8	M.	57-59-58	1.75-3.00-2.69
1885 N. J	324	1	M.	60-60-60	2.83-2.83-2.83	1894 Ohio	375	12	M.	60-60-60	2.47-3.00-2.51
1886 N. J	325	1	M.	54-54-54	3.00-3.00-3.00	1894 Ohio	375	2	F.	60-60-60	2.60-2.60-2.60

GROUND MACHINE HANDS, WALL PAPER.

1890 N. Y.....	333	19	M.	(a)	.75-3.67-1.61	1891 N. Y.....	333	28	M.	(a)	.75-3.67-1.43

GUARDS, MINING.

1873 England ..	185	(a)	M.	(a)	b.96-1.08- —	1890 England ..	5	(a)	M.	(a)	.90-1.07- —
1888 C. of G'd H.	484	(a)	M.	(a)	3.24-4.06- —	1891 Wales	577	(a)	M.	72-72-72	.86- .86- .86
1889 England ..	5	(a)	M.	56-56-56	.99-1.12- —	1892 C. of G'd H.	486	(a)	M.	(a)	2.80-2.80-2.80
1890 C. of G'd H.	484	(a)	M.	(a)	3.65-3.65-3.65						

GUMMERS, ASBESTUS GOODS.

1893 Italy	639	(a)	M.	69-69-69	.19- .53- —	....	.....	....	....	...	.....	.....

GUMMERS, LEATHER.

1885 Conn.....	7	2	M.	60-60-60	1.17-1.33-1.25	1894 N. Y.....	8	17	M.	60-60-60	1.50-1.66-1.54
1890 N. Y.....	333	2	M.	(a)	1.25-1.25-1.25	1895 Conn.....	7	4	M.	60-60-60	1.00-1.83-1.50
1891 N. Y.....	333	2	M.	(a)	1.25-1.25-1.25	1895 Mass	8	2	M.	60-60-60	1.00-1.50-1.25

GUMMERS, PAPER.

1865 N. Y.....	8	2	F.	60-60-60	1.50-1.50-1.50	1891 N. Y.....	333	3	M.	(a)	1.00-1.67-1.33
1870 Conn.....	8	1	F.	60-60-60	1.00-1.00-1.00	1891 N. Y.....	333	12	F.	(a)	1.00-1.00-1.00
1871 England ..	629	(a)	F.	(a)	.41- .81- —	1891 France....	505	(a)	F.	60-60-60	c.77-1.06- —
1884 Scotland ..	178	(a)	F.	54-54-54	.37- .37- .37	1894 N. Y.....	8	1	F.	60-60-60	.58- .58- .58
1885 Conn.....	7	2	F.	59-59-59	.67- .67- .67	1894 France....	508	(a)	F.	66-66-66	.55- .58- —
1885 N. Y.....	7	3	F.	54-54-54	1.00-1.00-1.00	1895 Conn.....	7	3	F.	59-59-59	.50-1.00- .72
1887 Mass	3	2	F.	54-56-55	.50-1.00- .75	1895 N. J	7	18	F.	59-59-59	.58-1.10- .81
1888 N. Y.....	331	5	F.	(a)	1.00-1.00-1.00	1895 N. Y.....	7	1	F.	54-54-54	1.00-1.00-1.00
1890 N. Y.....	333	2	M.	(a)	1.33-1.67-1.50	1895 N. Y.....	8	2	F.	60-60-60	1.25-1.25-1.25
1890 N. Y.....	333	11	F.	(a)	1.00-1.00-1.00	1896 Conn.....	8	2	F.	60-60-60	.60-1.00- .80

a Not reported. b And house. c And *gratifications*.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GUNPOWDER MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
(a) Scotland ..	561	(b)	(b)	(b)	0.73-0.73-0.73
1877 Pa	382	22	M.	60-60-60	1.00-1.00-1.00
1884 Mich	278	1	M.	(b)	3.00-3.00-3.00
1884 Aust-Hun .	178	(b)	(b)	60-60-60	.40- .67- —
1887 Ohio	369	26	M.	60-60-60	2.25-2.25-2.25
1888 N. Y.....	331	1	M.	59-59-59	2.33-2.33-2.33
1889 Portugal ..	691	(b)	(b)	(b)	0.37-1.08- —
1892 France....	505	(b)	M.	54-54-54	.87- .91- —
1894 Ohio	375	44	M.	54-54-54	2.00-2.00-2.00
1895 Ohio	376	62	M.	54-72-57	1.75-2.62-1.88
1896 Ohio	377	14	M.	(b)	2.00-2.00-2.00

GUNSMITHS.

1857 Germany .	8	(b)	M.	75-75-75	1.00-1.00-1.00
(c) Ireland ...	562	(b)	M.	(b)	.97-1.22- —
1860 Germany .	185	(b)	M.	(b)	.36- .36- .36
1864 Germany .	185	(b)	M.	(b)	.40- .40- .40
1865 Germany .	185	(b)	M.	(b)	.28- .28- .28
1866 Fla.....	8	1	M.	60-60-60	2.00-2.00-2.00
1868 Germany .	185	(b)	M.	(b)	.28- .28- .28
1869 Germany .	609	(b)	M.	(b)	.30- .61- —
1869 Greece	609	(b)	(b)	(b)	.24- .34- —
1869 Turkey ...	609	(b)	(b)	(b)	.41- .57- —
1870 Conn.....	8	11	M.	48-60-49	3.20-4.00-3.27
1870 Germany .	610	(b)	M.	57-57-57	d.61- .71- —
1870 Greece	610	(b)	(b)	(b)	.52- .86- —
1870 Italy	610	(b)	M.	(b)	.58- .77- —
1870 Switzerl'd.	610	(b)	M.	(b)	.77-1.16- —
1870 Switzerl'd.	610	(b)	F.	(b)	.58- .58- .58
1871 Brazil	611	(b)	M.	60-60-60	.81-1.14- —
1871 Germany .	185	(b)	M.	(b)	.33- .33- .33
1871 Netherl'ds	611	(b)	M.	69-69-69	.61- .81- —
1872 Netherl'ds	185	(b)	(b)	69-69-69	.60- .81- —
1873 Mass	269	1	M.	(b)	2.50-2.50-2.50
1873 Switzerl'd.	185	(b)	M.	(b)	.60-1.20- —
1876 N. Y.....	8	1	M.	60-60-60	3.00-3.00-3.00
1877 Germany .	177	(b)	M.	(b)	.38-1.00- —
1878 Denmark .	177	(b)	M.	(b)	.70- .70- .70
1878 Germany .	177	(b)	M.	(b)	1.00-1.00-1.00
1879 Mo.....	293	1	M.	75-75-75	3.00-3.00-3.00
1879 N. J	318	1	(b)	(b)	1.50-1.50-1.50
1880 England ..	571	(b)	M.	54-54-54	1.22-1.22-1.22
1882 Germany .	27	(b)	(b)	(b)	1.00-2.00- —
1884 Cal.....	192	8	M.	60-60-60	2.50-3.00-2.63
1884 Mich.....	278	1	M.	(b)	2.50-2.50-2.50
1884 N. C.....	8	1	M.	60-60-60	1.50-1.50-1.50
1884 Aust-Hun.	178	(b)	M.	60-60-60	.60-1.20- —
1884 Germany .	178	(b)	M.	60-60-60	.60-1.07- —
1884 Italy.....	178	(b)	M.	e60-72 —	.58-1.40- —
1884 Persia	178	(b)	(b)	(b)	.16- .40- —
1885 Canada ...	467	(b)	M.	55-55-55	2.50-2.50-2.50
1886 Cal.....	193	37	M.	f57-60-60	2.50-3.50-3.08
1886 Cal.....	193	14	M.	60-72-69	g2.30-3.00-2.48
1886 Kans	240	1	M.	60-60-60	3.00-3.00-3.00
1886 Aust-Hun.	184	(b)	(b)	(b)	.65- .81- —
1886 C.of G'd H.	483	(b)	(b)	(b)	1.83-4.87- —
1887 Conn	202	3	M.	(b)	1.38-2.91-2.09
1888 N. Y.....	331	4	M.	60-60-60	2.00-2.50-2.38
1888 N. C.....	343	1	M.	60-60-60	1.50-1.50-1.50
1888 C.of G'd H.	483	(b)	(b)	(b)	2.19-4.06- —
1889 N. Y.....	8	1	M.	60-60-60	3.00-3.00-3.00
1889 Portugal ..	691	(b)	M.	(b)	.22-1.80- —
1890 C.of G'd H.	484	(b)	M.	(b)	1.46-3.65- —
1891 Belgium ..	457	(b)	M.	72-72 72	.77- .77- .77
1892 C.of G'd H.	486	(b)	M.	(b)	1.46-4.06- —
1892 France....	505	(b)	M.	60-77 —	.58-1.54- —
1893 Mont	307	8	M.	f54-54-54	2.50-5.00-3.71
1893 N. Y.....	10	1	M.	57-57-57	1.67-1.67-1.67
1893 Aust-Hun .	448	(b)	M.	66-66-66	.34-1.69- —
1893 Aust-Hun .	448	(b)	M.	66-66-66	d.10- .34- —
1893 France....	120	(b)	M.	(b)	.58-1.16- —
1894 C.of G'd H.	487	(b)	M.	54-57 —	1.82-3.24- —
1896 Kans.....	250	1	M.	60-60-60	1.60-1.60-1.60
1896 Aust-Hun .	184	(b)	(b)	(b)	.81-1.02- —
1896 France....	505	(b)	M.	66-70 —	.58- .97- —

GUTTERERS, ROPE AND TWINE.

1880 N. Y.....	3	1	F.	(b)	.67- .67- .67
1883 N. Y.....	3	1	F.	(b)	.58- .58- .58
1885 N. Y.....	3	1	F.	(b)	.58- .58- .58
1886 N. Y.....	3	3	F.	60-60-60	.38- .58- .50

GUTTERMEN, IRON AND STEEL.

1856 Pa	8	4	M.	72-72-72	.77- .77- .77
1874 Pa	380	7	M.	(b)	1.10-2.75-1.48
1876 Pa	381	69	M.	(b)	.92-1.90-1.32
1876 Pa	382	12	M.	(b)	1.10-1.26-1.23
1878 Pa	383	41	M.	(h)	.70-3.00-1.13
1879 Pa	384	72	M.	(b)	.80-1.80-1.22
1879 Pa	384	1	M.	(b)	i.77- .77- .77
1885 Md.....	1	20	M.	72-72-72	1.27-1.35-1.32
1885 Ohio	1	10	M.	72-72-72	1.15-1.90-1.60
1885 Va	1	4	M.	72-72-72	1.17-1.17-1.17
1885 Belgium ..	1	(b)	M.	72-72-72	.71- .71- .71
1888 Va	5	7	M.	(b)	1.13-1.40-1.19
1889 Pa	5	16	M.	j60-84-66	1.40-1.55-1.47
1889 Germany .	5	(b)	M.	(b)	.54- .54- .54
1892 Ohio	373	43	M.	k36-72-68	1.00-1.90-1.38
1895 Ohio	376	101	M.	k48-72-71	.75-2.00-1.44
1897 Ohio	377	108	(b)	42-72-70	.80-1.65-1.26

a Average for 1855-57.
b Not reported.
c Average for 1856-58.
d And board and lodging.
e Applies to but 2 of the 4 wage quotations.
f Not including hours of 7 persons not reported.
g And board.
h 72-108-73 hours; not including hours of 12 persons not reported.
i And rent.
j Not including hours of 1 person not reported.
k Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

GUTTERS, SLAUGHTERING AND MEAT PACKING.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1891	France	505	(a) M.	70-70-70	1.16-1.16-1.16
1892	Kans	246	4 M.	60-60-60	2.75-3.00-2.81
1895	Ill	8	7 M.	60-60-60	1.75-4.25-2.93
1896	Ill	8	1 M.	60-60-60	2.68-2.68-2.68

GUYMEN, RAILROAD.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	R. I	4	3 M.	(a)	1.50-2.50-2.17
1887	R. I	4	7 M.	(a)	b.15- .25- .23½

HACKLE MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1874	Scotland	177	(a) M.	56-56-56	.33- .96- —
1875	Scotland	177	(a) M.	56-56-56	.33- .96- —
1876	Scotland	177	(a) M.	56-56-56	.33- .92- —
1877	Scotland	177	(a) M.	56-56-56	.33- .92- —
1878	Scotland	177	(a) M.	56-56-56	.33- .92- —
1890	Germany	6	(a) M.	(a)	.50- .68- —

HACKLERS, FLAX, HEMP, AND JUTE.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1834	England	572	(a) (a)	(a)	.69-1.01- —
1855	Ireland	561	(a) (a)	(a)	.57- .73- —
1856	Ireland	561	(a) (a)	(a)	.57- .73- —
1857	Ireland	561	(a) (a)	(a)	.57- .73- —
1857	Ireland	563	(a) (a)	60-60-60	.20- .57- —
1858	Scotland	563	(a) F.	(a)	.23- .23- .23
1859	Scotland	564	(a) M.	(a)	.20- .20- .20
1859	Scotland	564	(a) F.	(a)	.23- .23- .23
1860	England	563	(a) M.	(a)	.20- .20- .20
1860	England	563	(a) F.	(a)	.20- .20- .20
1860	Ireland	563	(a) (a)	60-60-60	.20- .61- —
1860	Russia	609	(a) M.	(a)	.16- .16- .16
1860	Scotland	564	(a) M.	(a)	.22- .22- .22
1860	Scotland	564	(a) F.	(a)	.26- .26- .26
1861	Scotland	564	(a) M.	(a)	.23- .23- .23
1861	Scotland	564	(a) F.	(a)	.28- .28- .28
1863	Scotland	565	(a) M.	(a)	.25- .25- .25
1863	Scotland	565	(a) F.	(a)	.30- .30- .30
1866	Ireland	566	(a) M.	60-60-60	.43- .85- —
1866	Scotland	566	(a) M.	60-60-60	.16- .85- —
1866	Scotland	566	(a) F.	60-60-60	.26- .43- —
1867	Scotland	567	(a) M.	60-60-60	.16- .73- —
1867	Scotland	567	(a) F.	60-60-60	.26- .43- —
(c)	England	567	(a) F.	60-60-60	.41- .41- .41
(c)	Ireland	567	(a) M.	60-60-60	.18- .80- —
1869	Russia	185	(a) M.	(a)	.15- .15- .15
1870	Norway	610	(a) M.	(a)	.63- .63- .63
1871	England	629	(a) (a)	60-60-60	.20-1.01- —
1871	France	611	(a) (a)	60-60-60	.39- .58- —
1871	Ireland	568	(a) M.	60-60-60	.61- .85- —
1871	Norway	185	(a) (a)	(a)	.65- .65- .65
1871	Scotland	568	(a) M.	60-60-60	.16- .81- —
1871	Scotland	568	(a) F.	60-60-60	.26- .43- —
1871	Scotland	629	(a) (a)	60-60-60	.30- .43- —
1872	Ireland	185	(a) M.	60-60-60	.60- .84- —
1872	Scotland	185	(a) M.	60-60-60	.16- .81- —
1872	Scotland	185	(a) F.	60-60-60	.26- .42- —
1874	Ireland	569	(a) M.	60-60-60	.24-1.01- —
1874	Scotland	569	(a) M.	58-58-58	.32-1.01- —
1874	Scotland	569	(a) F.	58-58-58	.43- .47- —
1877	Ireland	570	(a) M.	56-56-56	.81- .81- .81
1877	Scotland	570	(a) M.	56-56-56	.32-1.01- —
1877	Scotland	570	(a) F.	56-56-56	.47- .47- .47
1880	England	571	(a) M.	56-56-56	1.05-1.05-1.05
1880	Scotland	571	(a) M.	56-56-56	.32-1.01- —
1880	Scotland	571	(a) F.	56-56-56	.35- .47- —
1883	Gr't Brit	273	(a) (a)	(a)	.34- .37- —
1883	Ireland	43	(a) (a)	(a)	.65- .65- .65
1883	Ireland	572	(a) M.	56-56-56	.73- .73- .73
1883	Scotland	572	(a) M.	56-56-56	.85-1.01- —
1883	Scotland	572	(a) F.	56-56-56	.39- .47- —
1885	N. Y	1	6 M.	60-60-60	1.30-2.50-1.50
1885	N. Y	7	48 M.	(a)	1.00-1.00-1.00
1885	Belgium	1	(a) M.	75-75-75	.22- .22- .22
1885	Ireland	575	(a) M.	57-57-57	.73- .73- .73
1886	England	600	(a) M.	57-57-57	.27- .80- —
1886	Ireland	75	(a) M.	(a)	.73- .93- —
1886	Ireland	600	(a) M.	57-57-57	.21- .75- —
1886	Ireland	601	(a) M.	57-57-57	.34- .70- —
1886	Scotland	600	(a) M.	57-57-57	.24- .77- —
1888	N. J	326	2 (a)	57-57-57	1.22-2.00-1.61
1888	N. Y	331	46 M.	(a)	.75-2.10-1.22
1890	N. Y	333	4 M.	(a)	1.50-2.15-1.66
1890	Germany	6	(a) M.	(a)	.35- .60- —
1890	Germany	615	(a) M.	63-63-63	.50- .50- .50
1890	Germany	615	(a) F.	63-63-63	.47- .47- .47
1890	Ireland	6	(a) M.	56-56-56	.71- .71- .71
1890	Ireland	99	(a) M.	57-57-57	.46- .75- —
1890	Netherl'ds	666	(a) M.	(a)	.87-1.01- —
1891	N. Y	333	5 M.	(a)	1.50-2.15-1.63
1891	Italy	638	(a) M.	72-72-72	.22- .50- —
1892	N. C	8	1 F.	72-72-72	.20- .20- .20
1892	France	505	(a) M.	72-72-72	.39- .68- —
1892	Gr't Brit	632	(a) M.	56-56-56	.57- .57- .57
1892	Russia	692	(a) (a)	(a)	.17- .21- —
1893	N. C	8	1 F.	72-72-72	.23- .23- .23
1893	Scotland	632	(a) F.	(a)	.32- .39- —
1894	Aust-Hun	434	(a) (a)	72-72-72	.32- .45- —
1895	N. Y	7	35 M.	60-60-60	1.00-1.00-1.00
1897	Aust-Hun	437	(a) (a)	66-66-66	.28- .58- —
1898	Aust-Hun	438	(a) (a)	66-66-66	.37- .37- .37

a Not reported. b Per hour. c Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HACKLE SETTERS, FLAX, HEMP, AND JUTE.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1883 Ireland	43	(a) (a)	(a)	0.73-0.73-0.73
1885 N. J	7	2 M.	55-55-55	2.00-2.00-2.00
1886 Ireland	600	(a) M.	57-57-57	1.01-1.04- —
1890 Ireland	99	(a) M.	57-57-57	1.04-1.04-1.04
1893 Germany	122	(a) M.	(a)	0.60-0.60-0.60
1895 N. J	7	3 M.	53-53-53	2.00-2.00-2.00
1896 Pa	7	3 M.	57-57-57	.83-1.83-1.44

HACKLE SETTERS' HELPERS, FLAX, HEMP, AND JUTE.

1886 Ireland	600	(a) M.	57-57-57	.36- .36- .36	....

HAFTERS, CUTLERY.

1840 England	563	(a)	M.	55-60 —	.69-1.42- —	1883 Mass	273	106	M.	(a)	.55-2.00-1.14
1850 England	563	(a)	M.	55-60 —	.69-1.42- —	1883 England	43	(a)	(a)	(a)	1.01-1.22- —
(b) England	561	(a)	(a)	(a)	.61-1.46- —	1883 Gr't Brit	273	(a)	M.	(a)	.97-1.42- —
1860 England	563	(a)	M.	55-60 —	.73-1.42- —	1883 Gr't Brit	273	(a)	(a)	(a)	.41- .61- —
1866 England	566	(a)	M.	60-60-60	.85- .85- .85	1887 Conn	202	12	M.	(a)	1.71-1.71-1.71
(c) England	567	(a)	M.	60-60-60	.85- .85- .85	1888 N. Y	331	8	M.	(a)	1.99-1.99-1.99
1871 England	568	(a)	M.	54-54-54	.97- .97- .97	1889 England	631	(a)	M.	56-60 —	.47-2.01- —
1872 England	185	(a)	M.	d54-54-54	.89-1.13- —	1890 N. Y	333	6	M.	(a)	1.75-1.75-1.75
1875 Mass	270	2	M.	(a)	1.82-1.82-1.82	1891 N. Y	333	13	M.	(a)	1.75-2.25-1.98
1878 England	43	(a)	(a)	(a)	.81-1.62- —	1891 England	576	(a)	M.	60-60-60	.73- .73- .73

HAIR CURLERS.

1839 England	563	(a)	M.	60-60-60	.81- .81- .81	1884 Ireland	178	(a)	M.	56-56-56	1.46-1.62- —
1849 England	563	(a)	M.	60-60-60	.81- .81- .81	1886 England	601	(a)	F.	56-56-56	.47- .47- .47
1859 England	563	(a)	M.	60-60-60	.81- .81- .81	1893 N. Y	10	1	M.	58-58-58	1.33-1.33-1.33

HAIR DRESSERS.

1853 France	113	(a)	M.	(a)	.26- .39- —	1882 Germany	71	(a)	M.	(a)	f .28- .28- .28
1868 Belgium	610	(a)	(a)	72-72-72	.48- .48- .48	1882 Germany	174	(a)	(a)	78-90 —	.48- .95- —
1870 Germany	610	(a)	M.	72-72-72	.15- .97- —	1883 France	503	(a)	M.	(a)	.39- .87- —
1870 Germany	610	(a)	M.	(a)	c1.62-1.82- —	1883 Germany	47	(a)	M.	72-72-72	.83- .83- .83
1870 Germany	610	(a)	F.	72-72-72	.12- .49- —	1884 Mich	278	4	F.	(a)	.42- .75- .58
1871 Mass	267	104	(a)	84-84-84	.75-2.00-1.08	1884 Mo	3	1	F.	(a)	1.17-1.17-1.17
1871 France	712	(a)	M.	(a)	.42- .58- —	1884 France	504	(a)	M.	(a)	.39- .87- —
1871 Germany	185	(a)	M.	(a)	.36- .75- —	1884 Germany	178	(a)	M.	g 70-70-70	.60-1.58- —
1872 Belgium	185	(a)	(a)	(a)	.59- .59- .59	1884 Germany	178	(a)	M.	96-96-96	f .16- .24- —
1873 Germany	177	(a)	M.	(a)	.73- .73- .73	1884 Germany	178	(a)	(a)	70-70-70	.65- .80- —
1874 Germany	177	(a)	M.	(a)	.78- .78- .78	1884 Germany	178	(a)	(a)	(a)	f .20- .20- .20
1875 France	496	(a)	M.	(a)	.39- .87- —	1884 Germany	556	(a)	M.	(a)	.60- .95- —
1875 Germany	177	(a)	M.	(a)	.78- .78- .78	1884 Germany	556	(a)	F.	(a)	.95-1.39- —
1876 France	497	(a)	M.	(a)	.39- .87- —	1885 Ohio	3	1	F.	(a)	.42- .42- .42
1876 Germany	177	(a)	M.	(a)	.78- .78- .78	1885 France	494	(a)	M.	(a)	.55- .58- —
1877 Germany	177	(a)	M.	(a)	.75- .75- .75	1885 Germany	71	(a)	M.	(a)	f .32- .32- .32
1878 France	498	(a)	M.	(a)	.39- .87- —	1886 Md	3	3	F.	54-60-58	.50- .83- .69
1878 Germany	177	(a)	M.	(a)	.75- .75- .75	1886 Mo	3	3	F.	61-61-61	.83-1.50-1.11
1879 France	499	(a)	M.	(a)	.39- .87- —	1886 N. J	3	1	F.	(a)	1.00-1.00-1.00
1879 Germany	545	(a)	M.	(a)	.82- .91- —	1886 France	495	(a)	M.	(a)	.54- .58- —
1880 France	500	(a)	M.	(a)	.39- .87- —	1887 Ill.	3	2	F.	54-54-54	.67-1.33-1.00
1881 France	501	(a)	M.	(a)	.42- .97- —	1887 Mass	3	3	F.	53-60-56	.83- .83- .83
1881 Germany	178	(a)	(a)	(a)	.36- .36- .36	1887 France	495	(a)	M.	(a)	.55- .58- —
1882 France	502	(a)	M.	(a)	.45-1.16- —	1888 Cal	194	1	F.	54-54-54	1.33-1.33-1.33

a Not reported.
b Average for 1855–57.
c Average for 1867–68.
d Applies to but 1 of the 4 wage quotations.
e And board and lodging.
f And board.
g Applies to but 1 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAIR DRESSERS—Concluded.

Year and State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1888 Ga	3	1	F.	51-51-51	0.52-0.52-0.52
1888 Germany	558	(a)	(a)	60-60-60	.71-1.19- —
1888 Germany	558	(a)	(a)	(a)	b. 44- .48- —
1889 R. I	398	1	F.	(a)	1.67-1.67-1.67
1889 Australia	422	(a)	(a)	54-54-54	1.62-2.43- —
1890 Australia	423	(a)	(a)	54-54-54	1.62-2.43- —
1891 Mich	283	8	F.	(a)	.50-1.21-1.02
1891 France	522	(a)	(a)	(a)	.55- .58- —
1892 Ill	210	5	F.	56-56-56	b1.54-1.54-1.54
1892 Australia	414	(a)	(a)	(a)	2.03-2.03-2.03
1892 Australia	414	(a)	(a)	(a)	c .81-1.42- —
1892 Australia	424	(a)	(a)	54-54-54	1.62-2.23- —
1892 France	505	(a)	M.	(a)	.77- .97- —
1893 Ill	10	2	F.	48-60-54	1.50-1.50-1.50
1893 N. Y	10	1	F.	60-60-60	1.67-1.67-1.67
1893 Pa	10	3	F.	53-60-58	1.00-1.33-1.11
1893 Germany	11	(a)	M.	(a)	.87- .87- .87
1894 Ind	228	10	F.	60-62-61	.33-1.17- .85
1894 N. H	316	2	M.	60-71-66	2.00-3.33-2.67
1894 Australia	425	(a)	(a)	(a)	1.62-2.43- —
1894 France	506	(a)	M.	(a)	.74- .74- .74
1895 Australia	426	(a)	(a)	(a)	1.62-2.43- —
1896 Algeria	505	(a)	M.	(a)	.58- .72- —
1896 Algeria	505	(a)	M.	(a)	d .05- .06- —
1896 Algeria	505	(a)	M.	(a)	b .58- .58- .58
1896 Algeria	505	(a)	M.	(a)	e .04- .04- .04
1896 Australia	427	(a)	(a)	(a)	1.62-2.43- —
1896 Corsica	505	(a)	M.	(a)	d .05- .05- .05
1896 Corsica	505	(a)	M.	(a)	b .39- .39- .39
1896 France	505	(a)	M.	(a)	.15- .97- —
1896 France	505	(a)	M.	(a)	d .03- .08- —
1896 France	505	(a)	M.	(a)	f .13- .39- —
1896 France	505	(a)	M.	(a)	g .01- .03- —
1896 France	505	(a)	M.	(a)	b .09½-.48- —
1896 France	505	(a)	M.	(a)	e .01- .05- —
1896 Ireland	586	(a)	M.	(a)	.93- .93- .93
1897 Australia	418	(a)	(a)	(a)	1.70-2.03- —
1897 Australia	428	(a)	(a)	(a)	.81-2.43- —
1898 Australia	419	(a)	(a)	(a)	1.62-2.43- —
1898 Australia	419	(a)	(a)	(a)	c1.01-1.82- —
1898 Australia	429	(a)	(a)	(a)	.81-2.43- —

HAIR-NET MAKERS.

1887	N. Y	3	2	F.	54-54-54	.75- .83- .79	1893	N. Y	10	1	F.	60-60-60	.33- .33- .33

HAIRPIN MAKERS.

1875	Conn	8	16	M.	60-60-60	1.00-1.00-1.00	1895	Conn	8	2	M.	60-60-60	2.00-2.50-2.25

HAIR WORKERS.

1871	Mass	267	161	(a)	60-60-60	.75-1.17- .97	1887	Ohio	3	1	F.	54-54-54	1.00-1.00-1.00
1884	Italy	46	(a)	(a)	(a)	.29- .58- —	1888	Ind	3	2	F.	h 54-54-54	.50- .83- .67
1885	N. Y	330	7	F.	(a)	1.25-1.25-1.25	1888	N. Y	331	1	M.	52-52-52	1.67-1.67-1.67
1886	Md	3	1	F.	54-54-54	.42- .42- .42	1888	N. Y	331	1	F.	52-52-52	.84- .84- .84
1886	Mo	3	1	F.	(a)	.75- .75- .75	1890	N. Y	333	2	M.	(a)	2.58-2.58-2.58
1886	England	601	(a)	M.	56-56-56	.88- .88- .88	1891	N. Y	333	2	M.	(a)	2.58-2.58-2.58
1887	Ky	3	2	F.	54-63-59	1.00-1.17-1.08	1894	Ohio	375	50	M.	54-54-54	1.75-1.75-1.75
1887	Minn	3	2	F.	60-60-60	.71- .75- .73	1895	N. Y	7	1	M.	56-56-56	2.00-2.00-2.00
1887	N. Y	3	4	F.	48-57-53	.50-1.33- .96							

HAM COVERERS.

1892	Ill	210	28	F.	54-60-60	.33-1.78-1.09							

HAME MAKERS.

1885	Canada	467	(a)	M.	58-59 —	1.20-1.21- —	1890	N. Y	333	50	M.	(a)	2.25-2.25-2.25
1887	Ohio	369	37	M.	60-60-60	1.20-1.20-1.20	1891	N. Y	333	81	M.	(a)	1.78-2.25-2.07
1887	Canada	469	(a)	M.	60-60-60	1.50-1.50-1.50	1895	Ohio	376	17	M.	60-60-60	1.60-1.60-1.60
1889	Canada	471	(a)	M.	60-60-60	1.26-1.26-1.26	1896	Ohio	377	14	M.	60-60-60	1.58-1.58-1.58

a Not reported.
b And board and lodging.
c And found.
d Per hour.
e Per hour, and board and lodging.
f And board.
g Per hour, and board.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAMMERMEN.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1847 N. Y.	190	2 M.	60-60-60	0.88-0.88-0.88
1850 Pa.	8	1 M.	60-60-60	a1.25-1.25-1.25
1850 England	45	(b) M.	(b)	2.84-2.84-2.84
1856 N. Y.	190	5 M.	60-60-60	.75-1.00- .90
1857 N. Y.	190	2 M.	60-60-60	.75- .75- .75
1858 N. Y.	190	1 M.	60-60-60	1.13-1.13-1.13
1859 N. Y.	190	4 M.	60-60-60	.75-1.00- .81
1860 N. Y.	190	2 M.	60-60-60	.88- .88- .88
1860 England	45	(b) M.	(b)	2.43-2.43-2.43
1860 Germany	609	(b) (b)	(b)	.73- .73- .73
1861 N. Y.	190	4 M.	60-60-60	.88-1.00- .94
1862 N. Y.	190	3 M.	60-60-60	1.00-1.00-1.00
1863 N. Y.	190	5 M.	60-60-60	1.00-1.13-1.05
1863 England	565	(b) (b)	(b)	.24-1.62- —
1865 Germany	609	(b) (b)	72-72-72	.49- .55- —
1866 Germany	609	(b) (b)	72-72-72	.49- .55- —
1866 Scotland	566	(b) M.	60-60-60	.73- .73- .73
1867 Germany	609	(b) (b)	72-72-72	.49- .55- —
1869 N. Y.	190	2 M.	60-60-60	1.50-1.50-1.50
1870 N. Y.	190	4 M.	60-60-60	1.63-4.50-2.50
1870 England	45	(b) M.	(b)	2.43-2.43-2.43
1870 Italy	633	(b) M.	(b)	.50- .50- .50
1871 N. Y.	190	3 M.	60-60-60	1.50-4.50-2.71
1871 England	568	(b) M.	59-59-59	1.38-1.38-1.38
1871 England	629	(b) M.	(b)	.57-1.01- —
1871 Netherl'ds	611	(b) M.	60-60-60	.32- .41- —
1871 Scotland	629	(b) M.	c57-57-57	.61- .69- —
1872 N. Y.	190	7 M.	60-60-60	1.50-4.50-2.20
1872 Pa.	185	10 (b)	60-60-60	6.13-6.13-6.13
1872 Belgium	456	(b) (b)	(b)	.69- .69- .69
1872 England	185	(b) M.	d59-59-59	1.22-1.37- —
1872 England	570	(b) M.	50-50-50	1.42-1.42-1.42
1872 Germany	185	(b) M.	60-72 —	.96-1.44- —
1872 Netherl'ds	185	(b) M.	60-60-60	.32- .40- —
1872 Scotland	185	(b) M.	54-57 —	.65- .76- —
1873 N. Y.	190	5 M.	60-60-60	1.50-4.50-2.33
1873 Pa.	380	1 M.	(b)	3.00-3.00-3.00
1873 Aust-Hun	711	(b) M.	(b)	e.10- .10- .10
1873 Belgium	456	(b) (b)	(b)	.75- .75- .75
1873 England	185	(b) (b)	(b)	1.22-1.62- —
1874 N. Y.	190	9 M.	60-60-60	1.38-4.25-1.82
1874 Pa.	185	1 (b)	54-54-54	7.00-7.00-7.00
1874 Pa.	380	4 M.	(b)	2.50-4.50-3.00
1874 Belgium	456	(b) (b)	(b)	.85- .85- .85
1874 Ireland	185	(b) M.	(b)	.58- .58- .58
1874 Scotland	177	(b) M.	60-60-60	.80- .80- .80
1874 Scotland	185	(b) M.	51-51-51	.76- .77- —
1874 Scotland	569	(b) M.	51-51-51	.79- .79- .79
1875 N. Y.	190	2 M.	60-60-60	1.44-1.50-1.47
1875 Pa.	380	2 M.	(b)	3.00-3.00-3.00
1875 Belgium	456	(b) (b)	(b)	.81- .81- .81
1875 Scotland	177	(b) M.	60-60-60	.85- .85- .85
1876 Pa.	381	18 M.	(b)	1.00-7.00-3.32
1876 Belgium	456	(b) (b)	(b)	.80- .80- .80
1876 Scotland	177	(b) M.	60-60-60	.85- .85- .85
1877 N. Y.	190	8 M.	60-60-60	1.13-2.00-1.30
1877 Belgium	456	(b) (b)	(b)	.72- .72- .72
1877 England	45	(b) M.	(b)	2.64-2.64-2.64
1877 England	570	(b) M.	50-60 —	.61-2.92- —
1877 Ireland	570	(b) M.	58-58-58	.65- .65- .65
1877 Scotland	177	(b) M.	60-60-60	.85- .85- .85
1877 Scotland	570	(b) M.	51-51-51	.78- .78- .78
1878 N. Y.	190	6 M.	60-60-60	1.20-3.25-1.93
1878 Pa.	383	9 M.	54-60-57	1.45-5.00-3.43
1878 Australia	177	(b) M.	(b)	1.70-1.95- —
1878 Belgium	456	(b) (b)	(b)	.78- .78- .78
1878 Br. India	459	(b) (b)	(b)	.16- .16- .16
1878 England	43	(b) (b)	(b)	1.22-1.22-1.22
1878 Scotland	177	(b) M.	54-60 —	.72- .80- —
1879 N. Y.	190	2 M.	60-60-60	1.00-3.00-2.00
1879 Pa.	384	24 M.	f54-78-64	2.50-4.00-3.15
1879 Belgium	456	(b) (b)	(b)	.78- .78- .78
1879 Br. India	459	(b) (b)	(b)	.16- .16- .16
1880 N. Y.	190	6 M.	60-60-60	.75-4.00-1.70
1880 Belgium	456	(b) (b)	(b)	.69- .69- .69
1880 Br. India	459	(b) (b)	(b)	.14- .14- .14
1880 England	571	(b) M.	g54-54-54	.89-2.19- —
1880 Scotland	571	(b) M.	54-54-54	.36-1.09- —
1881 N. Y.	190	9 M.	60-60-60	1.25-6.00-2.17
1881 Belgium	456	(b) (b)	(b)	.73- .73- .73
1881 Br. India	459	(b) (b)	(b)	.14- .14- .14
1882 Mo.	294	2 M.	48-48-48	2.00-4.00-3.00
1882 N. Y.	190	7 M.	60-60-60	1.25-8.00-2.50
1882 Ohio	364	4 (b)	60-60-60	2.00-2.00-2.00
1882 Belgium	456	(b) (b)	(b)	.79- .79- .79
1882 Br. India	459	(b) (b)	(b)	.14- .14- .14
1883 Mass.	273	3 M.	(b)	4.00-4.00-4.00
1883 Belgium	456	(b) (b)	(b)	.80- .80- .80
1883 Br. India	459	(b) (b)	(b)	.14- .14- .14
1883 England	43	(b) (b)	(b)	1.22-1.22-1.22
1883 England	45	(b) M.	(b)	2.64-2.64-2.64
1883 England	572	(b) M.	54-65 —	.69-3.24- —
1883 Germany	555	(b) (b)	66-66-66	.48- .71- —
1883 Germany	555	(b) (b)	66-66-66	h.24- .32- —
1883 Gr't Brit.	273	(b) M.	(b)	.95-1.30- —
1883 Gr't Brit.	273	(b) (b)	(b)	.20- .49- —
1883 Ireland	572	(b) M.	58-58-58	.69- .69- .69
1883 Italy	633	(b) M.	(b)	.58- .58- .58
1883 Scotland	43	(b) (b)	54-54-54	1.05-1.05-1.05
1883 Scotland	572	(b) M.	48-60 —	.43-1.70- —
1884 N. Y.	190	5 M.	60-60-60	.88-5.00-2.04
1884 Australia	178	(b) (b)	48-48-48	1.70-1.94- —
1884 Aust-Hun	178	(b) M.	72-72-72	1.04-2.00- —
1884 Aust-Hun	178	(b) M.	63-63-63	i.54- .80- —
1884 Belgium	456	(b) (b)	(b)	.76- .76- .76
1884 Br. India	459	(b) (b)	(b)	.14- .14- .14
1884 England	178	(b) M.	j54-66 —	.24-3.86- —
1884 Germany	178	(b) M.	60-60-60	.48- .71- —
1884 Scotland	49	(b) (b)	(b)	e.10- .10- .10
1884 Scotland	178	(b) M.	54-54-54	.65- .87- —
1884 Spain	178	(b) M.	60-60-60	1.45-2.41- —
1884 Wales	178	(b) M.	54-54-54	1.11-1.42- —
1885 Ind.	1	2 M.	60-60-60	4.00-4.00-4.00
1885 Ky.	1	4 M.	60-60-60	3.50-6.00-4.13
1885 Me.	1	1 M.	54-54-54	1.50-1.50-1.50
1885 N. Y.	1	20 M.	60-72-68	1.60-3.60-2.61
1885 N. Y.	190	3 M.	60-60-60	1.70-5.00-2.82
1885 Ohio	1	6 M.	60-60-60	2.50-4.16-3.61
1885 Pa.	1	66 M.	48-60-53	1.98-4.50-2.59
1885 Pa.	389	2 M.	(b)	5.00-5.00-5.00
1885 Wis.	408	1 M.	66-66-66	3.50-3.50-3.50
1885 Australia	175	(b) (b)	(b)	1.70-1.70-1.70
1885 Belgium	1	(b) M.	63-63-63	1.50-1.50-1.50
1885 Belgium	456	(b) (b)	(b)	.75- .75- .75
1885 Br. India	459	(b) (b)	(b)	.14- .14- .14
1885 Germany	547	(b) (b)	(b)	.54- .65- —
1886 N. J.	325	4 M.	60-60-60	1.41-1.41-1.41
1886 N. Y.	190	5 M.	60-60-60	1.75-5.50-2.59
1886 Australia	184	(b) M.	(b)	1.70-1.94- —
1886 Aust-Hun	60	(b) (b)	(b)	.74- .74- .74
1886 Belgium	456	(b) (b)	(b)	.77-1.16- —
1886 Br. India	459	(b) (b)	(b)	.13- .13- .13
1886 England	603	(b) M.	(b)	.69-1.03- —
1886 Germany	548	(b) (b)	(b)	.52- .89- —

a And board.
b Not reported.
c Applies to but 1 of the 6 wage quotations.
d Applies to but 1 of the 2 wage quotations.
e Per hour.
f Not including hours of 2 persons not reported.
g Applies to but 1 of the 3 wage quotations.
h And board and lodging.
i And rent.
j Applies to but 10 of the 19 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAMMERMEN—Concluded.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Gr't Brit ..	632	(a) M.	54-54-54	0.69-1.03- —
1886 Italy	633	(a) M.	60-72 —	.58- .97- —
1886 Scotland ..	603	(a) M.	(a)	.83- .83- .83
1887 Conn.....	4	4 M.	(a)	1.63-3.00-1.97
1887 Conn.....	202	18 M.	(a)	2.20-4.33-3.03
1887 Md.....	4	5 M.	(a)	.70-1.45-1.18
1887 N. Y.....	4	7 M.	(a)	1.38-3.95-2.31
1887 N. Y.....	4	4 M.	(a)	*b*.14- .17- .16
1887 N. Y.....	190	5 M.	60-60-60	1.00-5.50-2.08
1887 Ohio	369	78 M.	60-60-60	.75-6.00-2.02
1887 Ohio	369	6 F.	60-60-60	.75- .75- .75
1887 Pa	4	2 M.	(a)	1.30-1.40-1.35
1887 Pa	390	6 M.	(a)	2.75-2.75-2.75
1887 Br. India ..	459	(a) (a)	(a)	.12- .12- .12
1887 Canada ...	469	(a) M.	54-57 —	1.34-2.00- —
1887 Netherl'ds	598	(a) (a)	66-66-66	.81-1.22- —
1888 Conn.....	8	1 M.	60-60-60	3.00-3.00-3.00
1888 N. J	326	15 M.	*c*58-60-59	2.00-5.42-3.42
1888 N. Y.....	190	6 M.	60-60-60	1.25-5.50-2.37
1888 N. Y.....	331	17 M.	*c*48-70-59	2.00-5.50-2.61
1888 Br. India ..	459	(a) (a)	(a)	.12- .12- .12
1889 Ill.....	5	2 M.	60-60-60	2.25-2.25-2.25
1889 N. Y.....	5	9 M.	60-72-68	1.46-5.50-2.62
1889 N. Y.....	190	2 M.	60-60-60	1.75-5.50-3.63
1889 Ohio	5	1 M.	54-54-54	4.20-4.20-4.20
1889 Pa	5	11 M.	*d*50-64-57	1.50-6.00-3.94
1889 Belgium ..	5	(a) M.	*e*72-72-72	.52-1.22- —
1889 Br. India ..	459	(a) (a)	(a)	.12- .12- .12
1889 Canada ...	471	(a) M.	53-53-53	2.09-2.09-2.09
1889 England ..	5	(a) M.	*f*72-72-72	.55- .97- —
1889 France....	5	(a) M.	60-63 —	1.00-1.22- —
1889 Germany .	5	(a) M.	(a)	.34-1.20- —
1889 Portugal ..	691	(a) (a)	(a)	.49- .54- —
1889 Scotland ..	5	(a) M.	66-66-66	1.46-2.92- —
1890 N. Y.....	190	9 M.	60-60-60	1.50-5.50-2.52
1890 N. Y.....	333	56 M.	(a)	2.00-5.00-3.46
1890 Br. India ..	459	(a) (a)	(a)	.15- .15- .15
1890 Gr't Brit ..	632	(a) M.	53-54 —	.82-1.03- —
1891 Mo.....	300	1 M.	(a)	2.02-2.02-2.02
1891 N. Y.....	190	5 M.	60-60-60	1.70-5.50-3.29
1891 N. Y.....	333	96 M.	(a)	.60-6.00-2.56
1891 Belgium ..	457	(a) M.	*g*60-72 —	.32-1.74- —
1891 Br. India ..	459	(a) (a)	(a)	.13- .13- .13
1891 England ..	576	(a) M.	*f*54-54-54	.97-1.10- —
1891 France....	505	(a) M.	66-66-66	3.51-3.51-3.51
1891 Scotland ..	576	(a) M.	54-54-54	.87- .87- .87
1892 Ind	227	12 M.	60-60-60	2.00-2.94-2.78
1892 C.of G'd H.	486	(a) M.	(a)	1.22-1.46- —
1892 England ..	577	(a) M.	54-54-54	0.91-1.09- —
1892 England ..	632	(a) M.	*h*54-54-54	.85-1.12- —
1892 France....	505	(a) M.	60-69 —	.77-2.70- —
1892 Russia	692	(a) (a)	(a)	.16-1.00- —
1892 Scotland ..	11	(a) (a)	(a)	.97-1.06- —
1893 Ohio	374	2 M.	*i*60-60-60	1.85-1.87-1.86
1893 Br. India ..	459	(a) (a)	(a)	.09½-.10- —
1893 France....	507	(a) M.	60-60-60	1.50-1.54- —
1893 Gr't Brit ..	578	(a) (a)	72-72-72	2.84-2.84-2.84
1893 Italy.....	639	(a) M.	(a)	.39- .58- —
1894 Ind	228	9 M.	48-60-51	3.00-3.00-3.00
1894 N. Y.....	8	5 M.	60-60-60	1.50-2.25-1.70
1894 Ohio	375	37 M.	48-60-59	1.57-4.50-2.15
1894 W. Va.....	406	1 M.	54-54-54	2.43-2.43-2.43
1894 Br. India ..	459	(a) (a)	(a)	.08- .08- .08
1894 France....	129	(a) M.	60-60-60	3.58-3.58-3.58
1894 Scotland ..	584	(a) M.	(a)	.81- .81- .81
1895 Mo.....	304	2 M.	(a)	1.79-6.75-4.27
1895 N. Y.....	8	14 M.	60-60-60	1.50-3.00-2.14
1895 Ohio	376	46 M.	45-60-59	1.43-4.50-2.08
1895 Pa	8	2 M.	60-60-60	3.07-3.38-3.23
1895 Br. India ..	459	(a) (a)	(a)	.08- .08- .08
1895 Canada ...	187	(a) M.	(a)	4.00-4.00-4.00
1895 France....	677	(a) (a)	60-60-60	3.54-3.54-3.54
1895 N. Zealand	670	(a) M.	(a)	2.07-2.31- —
1895 Norway ...	690	(a) M.	(a)	.80-1.07- —
1895 Scotland ..	591	(a) M.	(a)	.77- .87- —
1896 Conn.....	8	1 M.	60-60-60	1.50-1.50-1.50
1896 Ill.....	8	3 M.	60-60-60	2.00-3.50-2.67
1896 Nebr	314	10 M.	60-60-60	2.00-4.00-3.07
1896 Ohio	377	14 M.	60-60-60	1.20-2.50-1.60
1896 Pa	394	3 M.	60-60-60	.57-6.00-3.83
1896 Vt	8	1 M.	60-60-60	2.00-2.00-2.00
1896 Australia .	184	(a) M.	(a)	1.46-1.70- —
1896 Br. India ..	459	(a) (a)	(a)	.08½-.08½-.08½
1896 England ..	592	(a) M.	(a)	.83-1.28- —
1896 N. Zealand	671	(a) M.	(a)	2.19-2.19-2.19
1896 Scotland ..	592	(a) M.	(a)	.78- .86- —
1897 Conn.....	8	1 M.	60-60-60	2.00-2.00-2.00
1897 N. Y.....	8	2 M.	60-60-60	2.50-3.00-2.75
1897 Ohio	377	12 (a)	60-60-60	3.00-5.00-4.04
1897 Va	404	8 M.	54-54-54	1.50-3.50-2.25
1897 England ..	593	(a) (a)	(a)	.89-1.19- —
1897 Scotland ..	587	(a) M.	(a)	.82- .87- —
1898 Nebr	314	10 (a)	60-60-60	2.00-4.00-2.65
1898 Belgium ..	454	(a) (a)	(a)	.58- .68- —
1899 Wales	588	(a) (a)	(a)	1.05-1.09- —

HAMMERMEN'S HELPERS.

1850	Pa	8	1	M.	60-60-60	*j*.58- .58- .58	1884	England ..	178	(a)	M.	*l*66-66-66	.96-4.06- —
1872	Pa	185	22	(a)	60-60-60	4.86-4.86-4.86	1885	Ky.....	1	3	M.	60-60-60	2.00-2.00-2.00
1872	Germany .	185	(a)	M.	72-72-72	.90- .90- .90	1885	Ohio	1	6	M.	60-60-60	1.44-1.44-1.44
1873	Pa	380	2	M.	(a)	1.50-1.50-1.50	1885	Belgium ..	1	(a)	M.	63-63-63	.80- .80- .80
1874	Pa	380	1	M.	(a)	2.50-2.50-2.50	1886	Aust-Hun .	60	(a)	(a)	(a)	.67- .67- .67
1876	Pa	381	15	M.	(a)	1.00-2.50-2.05	1887	N. Y.....	4	1	M.	(a)	1.45-1.45-1.45
1878	Pa	383	11	M.	54-60-58	1.00-1.70-1.35	1887	N. Y.....	4	8	M.	(a)	*b*.14- .14- .14
1879	Pa	384	18	M.	*k*60-78-63	1.25-1.65-1.58	1888	N. J	326	12	M.	(a)	2.08-2.08-2.08
1882	Mo.....	294	1	M.	48-48-48	2.00-2.00-2.00	1888	N. Y.....	331	18	M.	*n* 60-60-60	1.50-2.00-1.70
1883	Mass	273	3	M.	(a)	1.83-1.83-1.83	1889	Mo.....	5	10	M.	(a)	1.65-2.50-2.02
1883	England ..	572	(a)	M.	60-60-60	.32-1.01- —	1889	N. Y.	5	4	M.	60-60-60	1.25-2.30-1.75

a Not reported.
b Per hour.
c Not including hours of 12 persons not reported.
d Not including hours of 7 persons not reported.
e Applies to but 5 of the 11 wage quotations.
f Applies to but 1 of the 2 wage quotations.
g Applies to but 21 of the 23 wage quotations.
h Applies to but 1 of the 3 wage quotations.
i Not including hours of 1 person not reported.
j And board.
k Not including hours of 2 persons not reported.
l Applies to but 3 of the 5 wage quotations.
n Not including hours of 14 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAMMERMEN'S HELPERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Pa	5	4 M.	54-60-57	0.62-1.50-1.28
1889 Belgium	5	(a) M.	72-72-72	.31- .31- .31
1889 France	5	(a) M.	63-63-63	.35- .35- .35
1891 Belgium	457	(a) M.	62-62-62	.77- .77- .77
1894 N. Y	8	3 M.	60-60-60	1.25-1.50-1.33
1894 Ohio	375	9 M.	66-66-66	1.50-1.50-1.50
1895 Mo	304	2 M.	(a)	2.00-2.25-2.13
1895 N. Y	8	10 M.	60-60-60	1.25-1.50-1.43
1895 Ohio	376	1 M.	60-60-60	1.65-1.65-1.65
1897 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1897 Ohio	377	9 (a)	60-60-60	1.20-1.50-1.43

HANDERS-IN, TEXTILES.

1850	R. I	190	2	F.	84-84-84	.42- .42- .42	1882	R. I	190	3	M.	72-72-72	.55- .60- .58
1851	R. I	190	2	F.	84-84-84	.42- .42- .42	1882	R. I	190	1	F.	72-72-72	.60- .60- .60
1852	R. I	190	2	F.	84-84-84	.42- .42- .42	1883	Conn	190	2	F.	66-66-66	.42- .42- .42
1853	R. I	190	2	F.	84-84-84	.42- .42- .42	1883	R. I	190	3	M.	72-72-72	.55- .60- .58
1854	R. I	190	2	F.	84-84-84	.42- .42- .42	1883	R. I	190	1	F.	72-72-72	.60- .60- .60
1855	R. I	190	2	F.	84-84-84	.46- .46- .46	1883	England	572	(a)	F.	56-56-56	.18- .18- .18
1856	R. I	190	2	F.	84-84-84	.46- .46- .46	1884	Conn	190	4	F.	66-66-66	.40- .40- .40
1857	R. I	190	2	F.	84-84-84	.46- .46- .46	1884	R. I	190	3	M.	72-72-72	.55- .60- .58
1858	R. I	190	2	F.	84-84-84	.46- .46- .46	1884	R. I	190	1	F.	72-72-72	.60- .60- .60
1859	R. I	190	2	F.	84-84-84	.46- .46- .46	1885	Conn	1	3	F.	66-69-67	.40- .40- .40
1860	Conn	190	2	M.	78-78-78	.46- .46- .46	1885	Conn	190	3	F.	66-66-66	.42- .42- .42
1860	Conn	190	1	F.	72-72-72	.50- .50- .50	1885	Md	1	4	F.	66-66-66	.37- .37- .37
1861	Conn	190	1	F.	72-72-72	.30- .30- .30	1885	Mass	7	1	M.	60-60-60	.50- .50- .50
1861	R. I	190	2	F.	78-78-78	.46- .46- .46	1885	Mass	7	5	F.	60-60-60	.50- .61- .52
1862	Conn	190	1	F.	72-72-72	.30- .30- .30	1885	R. I	7	1	F.	60-60-60	.42- .42- .42
1862	R. I	190	2	F.	78-78-78	.46- .46- .46	1885	R. I	190	3	M.	72-72-72	.60- .60- .60
1863	Conn	190	1	F.	72-72-72	.30- .30- .30	1885	R. I	190	1	F.	72-72-72	.60- .60- .60
1863	R. I	190	2	F.	78-78-78	.50- .50- .50	1886	Conn	190	3	F.	66-66-66	.42- .42- .42
1864	Conn	190	1	F.	72-72-72	.45- .45- .45	1886	Pa	7	2	M.	60-60-60	.46- .46- .46
1864	R. I	190	2	F.	78-78-78	.50- .50- .50	1886	R. I	3	2	F.	60-60-60	.35- .35- .35
1865	Conn	190	1	F.	66-66-66	.48- .48- .48	1886	R. I	190	3	M.	60-60-60	.60- .60- .60
1865	R. I	190	2	F.	78-78-78	.50- .50- .50	1886	R. I	190	1	F.	60-60-60	.60- .60- .60
1866	Conn	190	1	F.	66-66-66	.45- .45- .45	1886	England	600	(a)	F.	57-57-57	.23- .23- .23
1866	R. I	190	2	F.	78-78-78	.50- .50- .50	1886	Ireland	600	(a)	M.	57-57-57	.13- .13- .13
1867	Conn	190	2	F.	66-66-66	.40- .40- .40	1886	Ireland	600	(a)	F.	57-57-57	.17- .20- —
1867	R. I	190	2	F.	78-78-78	.50- .50- .50	1886	Scotland	600	(a)	M.	57-57-57	.26- .26- .26
1868	Conn	190	2	F.	66-66-66	.40- .40- .40	1886	Scotland	600	(a)	F.	57-57-57	.15- .22- —
1868	R. I	190	2	F.	72-72-72	.50- .50- .50	1886	Scotland	601	(a)	F.	56-56-56	.23- .23- .23
1869	Conn	190	2	F.	66-66-66	.40- .40- .40	1887	Conn	190	3	F.	60-60-60	.42- .42- .42
1869	R. I	190	2	F.	72-72-72	.50- .50- .50	1887	R. I	190	3	M.	60-60-60	.60- .60- .60
1870	Conn	190	2	F.	66-66-66	.40- .40- .40	1887	R. I	190	1	F.	60-60-60	.60- .60- .60
1870	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	Conn	6	3	M.	(a)	.50- .50- .50
1871	Conn	190	2	F.	66-66-66	.40- .40- .40	1888	Conn	6	5	F.	(a)	.50- .50- .50
1871	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	Conn	190	6	F.	60-60-60	.50- .50- .50
1872	Conn	190	2	F.	66-66-66	.40- .40- .40	1888	Del	6	3	M.	(a)	.50- .50- .50
1872	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	N. J	6	2	M.	(a)	.50- .50- .50
1873	Conn	190	2	F.	66-66-66	.40- .40- .40	1888	N. Y	331	7	F.	(a)	.35- .35- .35
1873	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	Pa	6	1	M.	(a)	.42- .42- .42
1874	Conn	190	3	F.	66-66-66	.40- .40- .40	1888	R. I	6	18	F.	b 60-60-60	.50- .50- .50
1874	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	R. I	190	3	M.	60-60-60	.60- .60- .60
1875	Conn	190	3	F.	66-66-66	.40- .40- .40	1888	R. I	190	1	F.	60-60-60	.60- .60- .60
1875	R. I	190	2	F.	72-72-72	.50- .50- .50	1888	Va	6	4	F.	c 60-60-60	.40- .50- .45
1876	Conn	190	2	F.	66-66-66	.40- .40- .40	1889	Cal	6	1	M.	(a)	1.10-1.10-1.10
1876	R. I	190	2	F.	72-72-72	.50- .50- .50	1889	Conn	6	6	M.	(a)	.50- .60- .58
1877	Conn	190	3	F.	66-66-66	.40- .40- .40	1889	Conn	190	5	F.	60-60-60	.50- .50- .50
1877	R. I	190	2	F.	72-72-72	.50- .50- .50	1889	Me	6	3	M.	(a)	.50- .65- .55
1877	Ireland	570	(a)	F.	56-56-56	.10- .10- .10	1889	Me	6	6	F.	d 60-60-60	.50- .75- .57
1878	Conn	190	3	F.	66-66-66	.40- .40- .40	1889	Md	5	10	M.	(a)	.19- .30- .21
1878	R. I	190	2	F.	72-72-72	.50- .50- .50	1889	Mass	6	3	F.	60-60-60	.45- .45- .45
1879	Conn	190	3	F.	66-66-66	.40- .40- .40	1889	N. Y	6	16	F.	60-60-60	.42- .46- .43
1879	R. I	190	2	F.	72-72-72	.50- .50- .50	1889	R. I	190	3	M.	60-60-60	.60- .60- .60
1880	Conn	190	2	F.	66-66-66	.40- .40- .40	1889	R. I	190	1	F.	60-60-60	.60- .60- .60
1880	R. I	190	3	M.	72-72-72	.50- .60- .57	1889	Va	6	19	F.	(a)	.13- .50- .25
1880	England	571	(a)	F.	56-56-56	.20- .20- .20	1889	England	6	(a)	(a)	(a)	.20- .20- .20
1881	Conn	190	3	F.	66-66-66	.42- .42- .42	1889	Germany	6	(a)	M.	(a)	.33- .76- —
1881	R. I	190	3	M.	72-72-72	.55- .60- .58	1890	Ala	6	4	M.	(a)	.20- .20- .20
1881	R. I	190	1	F.	72-72-72	.60- .60- .60	1890	Ala	6	2	F.	(a)	.18- .20- .19
1882	Conn	190	2	F.	66-66-66	.42- .42- .42	1890	Conn	190	4	F.	60-60-60	.50- .50- .50

a Not reported.
b Not including hours of 14 persons not reported.
c Not including hours of 2 persons not reported.
d Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HANDERS-IN, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Me	6	3 M.	(a)	0.50-0.74-0.61	1892 Conn	190	8 M.	60-60-60	0.50-0.50-0.50
1890 Me	6	1 F.	(a)	.50- .50- .50	1892 R. I	20	3 M.	60-60-60	.60- .60- .60
1890 Mass	6	1 F.	(a)	.50- .50- .50	1892 R. I	190	2 M.	60-60-60	.60- .60- .60
1890 N. H	6	3 F.	60-60-60	1.00-1.00-1.00	1892 R. I	190	2 F.	60-60-60	.60- .60- .60
1890 N. J	6	2 M.	60-60-60	.50- .50- .50	1893 Ohio	374	1 F.	60-60-60	.50- .50- .50
1890 N. J	6	1 F.	60-60-60	.50- .50- .50	1893 R. I	20	3 M.	60-60-60	.60- .60- .60
1890 N. Y	6	1 M.	60-60-60	.45- .45- .45	1894 Ohio	375	1 F.	60-60-60	.50- .50- .50
1890 R. I	6	5 M.	(a)	.40- .50- .47	1894 R. I	20	3 M.	60-60-60	.54- .54- .54
1890 R. I	6	2 F.	(a)	.52- .53- .53	1895 Conn	7	2 F.	60-60-60	.40- .40- .40
1890 R. I	190	3 M.	60-60-60	.60- .60- .60	1895 Me	7	1 M.	60-60-60	1.25-1.25-1.25
1890 R. I	190	1 F.	60-60-60	.60- .60- .60	1895 Me	7	6 F.	60-60-60	.50- .75- .68
1890 Ireland	99	(a) F.	57-57-57	.20- .20- .20	1895 Mass	7	1 M.	58-58-58	.55- .55- .55
1890 Scotland	6	(a) M.	56-56-56	.23- .25- —	1895 Mass	7	4 F.	58-58-58	.55- .67- .61
1890 Scotland	6	(a) F.	56-56-56	.22- .22- .22	1895 N. H	7	1 F.	60-60-60	.60- .60- .60
1891 Conn	190	5 F.	60-60-60	.50- .50- .50	1895 Ohio	376	1 F.	60-60-60	.50- .50- .50
1891 N. J	6	3 F.	60-60-60	.50- .60- .57	1895 R. I	7	5 F.	60-60-60	.42- .42- .42
1891 N. Y	6	5 F.	60-60-60	.42- .42- .42	1895 R. I	20	3 M.	60-60-60	.55- .55- .55
1891 N. Y	333	13 M.	(a)	.42-1.50- .88	1896 Ohio	377	1 F.	60-60-60	.50- .50- .50
1891 R. I	190	3 M.	60-60-60	.60- .60- .60	1896 Pa	7	4 M.	60-60-60	.58- .58- .58
1891 R. I	190	1 F.	60-60-60	.60- .60- .60	1896 Pa	7	9 F.	b 60-60-60	.42- .60- .49

HANDKERCHIEF MAKERS.

1890 N. Y	333	78 M.	(a)	.83- .83- .83	1899 N. J	18	19 M.	55-55-55	.83-2.83-1.78
1890 Spain	632	(a) (a)	(a)	.43- .48- —	1899 N. J	18	92 F.	55-55-55	.75-1.33- .92
1891 N. Y	333	100 M.	(a)	.83- .83- .83	1900 N. J	18	19 M.	55-55-55	.83-2.83-1.78
1894 Spain	632	(a) (a)	(a)	.43- .43- .43	1900 N. J	18	95 F.	55-55-55	.75-1.33- .93

HANDLE FITTERS' HELPERS, TOOLS.

1879 N. J	7	3 M.	(a)	.67- .67- .67	1895 N. J	7	5 M.	54-54-54	.50- .58- .52
1888 N. Y	331	2 M.	60-60-60	.83- .83- .83	1895 Pa	8	2 M.	54-54-54	1.00-1.00-1.00

HANDLE FITTERS, TOOLS.

1860 Mass	8	3 M.	60-60-60	1.00-1.00-1.00	1890 N. Y	333	14 M.	(a)	.83-2.00-1.58
1872 England	185	(a) M.	(a)	1.13-1.13-1.13	1891 N. Y	333	14 M.	(a)	.83-2.00-1.62
1879 N. J	7	7 M.	(a)	1.00-2.00-1.39	1895 N. J	7	10 M.	54-54-54	1.67-2.75-2.08
1884 Canada	466	(a) M.	60-60-60	2.00-2.00-2.00	1895 Pa	8	9 M.	54-60-56	1.35-2.50-1.91
1888 N. J	326	25 M.	(a)	2.25-2.25-2.25	1896 Vt	8	4 M.	60-60-60	1.50-3.00-2.06
1888 N. Y	331	4 M.	c 60-60-60	1.75-2.13-1.94					

HANDLE MAKERS, BASKETS.

1870 Ohio	7	1 M.	(a)	1.50-1.50-1.50	1896 Ohio	7	1 M.	60-60-60	1.50-1.50-1.50
1886 Mo	3	1 F.	53-53-53	.40- .40- .40					

HANDLE MAKERS, TOOLS.

1786 England	572	(a) (a)	(a)	.61- .61- .61	1826 England	572	(a) (a)	(a)	1.22-1.62- —
1798 England	572	(a) (a)	(a)	.81- .81- .81	1829 England	572	(a) (a)	(a)	1.22-1.22-1.22
1810 England	572	(a) (a)	(a)	1.22-1.62- —	1830 England	572	(a) (a)	(a)	1.22-1.62- —
1822 England	572	(a) (a)	(a)	1.22-1.62- —	1833 England	572	(a) (a)	(a)	1.22-1.62- —

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HANDLE MAKERS, TOOLS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1836 N. H	8	2 M.	72-72-72	1.00-1.00-1.00
1840 England	563	(a) M.	54-54-54	.97- .97- .97
1850 England	563	(a) M.	54-54-54	1.03-1.03-1.03
1855 Me	8	1 M.	60-60-60	1.50-1.50-1.50
1860 England	563	(a) M.	54-54-54	1.09-1.09-1.09
1866 England	566	(a) M.	(a)	1.01-1.42- —
(b) England	567	(a) M.	(a)	1.01-1.42- —
1871 England	568	(a) M.	54-54-54	1.09-1.09-1.09
1871 England	629	(a) (a)	58-58-58	.81-1.22- —
1872 England	185	(a) M.	54-54-54	1.09-1.09-1.09
1874 England	569	(a) M.	45-45-45	1.22-1.22-1.22
1878 England	43	(a) (a)	(a)	1.62-2.03- —
1881 Ohio	363	11 M.	c54-54-54	2.25-2.25-2.25
1883 England	43	(a) (a)	(a)	1.22-1.22-1.22
1883 Gr't Brit	273	(a) M.	(a)	.81-1.01- —
1885 N. H	7	12 M.	59-59-59	.79-2.29-1.47
1887 Conn	202	4 M.	(a)	2.09-2.09-2.09
1887 Ohio	369	16 M.	60-60-60	1.50-1.60-1.54
1887 Canada	469	(a) M.	58-58-58	1.73-1.78- —
1888 Canada	470	(a) M.	60-60-60	1.75-1.75-1.75
1892 Ind	227	20 M.	60-60-60	2.02-2.02-2.02
1893 Ohio	374	37 M.	60-60-60	1.25-1.75-1.34
1894 N. H	316	1 M.	59-59-59	1.67-1.67-1.67
1894 Ohio	375	56 M.	d54-60-59	1.25-2.00-1.47
1895 N. H	7	4 M.	59-59-59	.98-1.64-1.32
1895 N. Y	8	1 M.	60-60-60	1.40-1.40-1.40
1895 Ohio	376	13 M.	54-60-57	2.00-2.00-2.00
1895 Pa	8	2 M.	54-54-54	1.35-1.80-1.58
1895 Aust-Hun	435	(a) (a)	57-63 —	.57-1.20- —
1896 Fla	8	1 M.	60-60-60	1.00-1.00-1.00
1896 Ohio	377	15 M.	60-60-60	1.25-2.00-1.60

HANDLE MAKERS, TRUNKS AND BAGS.

1882	N. J	321	1	M.	(a)	1.50-1.50-1.50	1890	N. Y	333	5 M. (a) 2.00-2.00-2.00
1888	N. Y	331	1	M.	(a)	1.67-1.67-1.67	1891	N. Y	333	4 M. (a) 2.00-2.00-2.00

HANDLE SETTERS' HELPERS, POTTERY.

1883	England	572	(a)	M.	51-51-51	.24- .24- .24	....	.....	.....	....	....	...	.....	.....

HANDLE SETTERS, POTTERY.

(e)	England	561	(a)	(a)	(a)	.73-1.22- —	1883	Scotland	572	(a)	M.	50-50-50	1.18-1.18-1.18
(f)	England	563	(a)	(a)	(a)	.73-1.22- —	1884	N. J	323	1	M.	60-60-60	2.62-2.62-2.62
1866	England	566	(a)	M.	50-63 —	.12-1.01- —	1884	Ohio	7	2	M.	54-54-54	2.90-3.02-2.96
(b)	England	567	(a)	M.	59-66 —	.16-1.22- —	1884	England	178	(a)	M.	(a)	1.06-1.40- —
1871	England	568	(a)	M.	63-63-63	1.46-1.46-1.46	1884	England	178	(a)	F.	51-51-51	.73- .73- .73
1872	England	185	(a)	M.	63-66 —	1.21-1.45- —	1884	Italy	178	(a)	M.	60-60-60	.29- .29- .29
1874	England	569	(a)	M.	g57-57-57	1.18-1.22- —	1885	N. J	324	2	M.	60-60-60	1.72-1.83-1.78
1874	England	569	(a)	F.	h57-57-57	.36- .36- .36	1886	N. J	325	3	M.	60-60-60	1.25-3.17-2.47
1877	Ohio	359	1	M.	(a)	2.00-2.00-2.00	1886	N. Y	7	1	M.	59-59-59	2.91-2.91-2.91
1877	England	570	(a)	M.	i46-46-46	.12-1.42- —	1886	England	60	(a)	(a)	(a)	1.01-2.17- —
1877	England	570	(a)	F.	(a)	.49- .49- .49	1887	Ohio	369	14	M.	54-60-58	1.75-3.00-2.63
1880	England	571	(a)	M.	(a)	1.30-1.46- —	1891	England	123	(a)	(a)	45-56 —	1.22-2.35- —
1881	England	30	(a)	M.	(a)	1.01-2.17- —	1892	Ohio	373	29	(a)	45-60-55	1.75-4.00-2.61
1881	England	178	(a)	M.	(a)	1.41-1.41-1.41	1894	Ohio	375	74	M.	54-60-54	1.08-2.56-1.92
1883	England	43	(a)	M.	56-56-56	1.41-1.41-1.41	1894	Ohio	375	11	F.	54-54-54	.72- .72- .72
1883	England	572	(a)	M.	51-51-51	1.22-1.22-1.22	1896	N. Y	7	2	M.	59-59-59	2.50-2.59-2.55
1883	England	572	(a)	F.	51-51-51	.73- .73- .73	1896	Ohio	7	4	M.	54-54-54	2.92-3.03-2.98

HAND MAKERS, CLOCKS.

1842	Conn	8	1	M.	66-66-66	1.00-1.00-1.00	1885	Ill	1	3	F.	60-60-60	1.70-1.70-1.70
1885	Ill	1	1	M.	60-60-60	3.00-3.00-3.00							

a Not reported.
b Average for 1867–68.
c Not including hours of 10 persons not reported.
d Not including hours of 6 persons not reported.
e Average for 1855–57.
f Average for 1858–60.
g Applies to but 1 of the 3 wage quotations.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 4 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAND PUTTERS, MINING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average. Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 England ..	178	(a) M.	(a)	0.94-0.94-0.94	1884 England ..	178	(a) M.	(a)	0.96-0.96-0.96
1879 England ..	576	(a) M.	63-69 —	.89- .89- .89	1890 England ..	576	(a) M.	63-63-63	1.20-1.20-1.20
1880 England ..	571	(a) M.	54-54-54	.59- .59- .59	1891 England ..	632	(a) M.	(a)	.93- .93- .93

HANGERS, CARDBOARD.

1884 Pa	7	16 F.	60-60-60	.29- .98- .75	1891 N. Y.....	333	10 M.	(a)	.67- .83- .73
1885 Conn.....	7	2 M.	(a)	1.50-1.67-1.58	1895 Conn.....	7	2 M.	60-60-60	1.50-1.50-1.50
1890 N. Y.....	333	10 M.	(a)	.67- .83- .73	1896 Pa	7	10 F.	60-60-60	.50- .83- .70

HANGERS, CARRIAGES AND WAGONS.

1883 Mass	273	10 M.	(a)	1.50-2.50-1.73	1895 N. Y.....	8	1 M.	60-60-60	4.00-4.00-4.00
1885 Ohio	1	7 M.	60-60-60	2.25-2.25-2.25					

HANGERS' HELPERS, CARRIAGES AND WAGONS.

1885 Ohio	1	37 M.	60-60-60	1.35-1.35-1.35	1895 N. Y.....	8	1 M.	60-60-60	2.00-2.00-2.00

HANGERS, MEAT PACKING.

1892 Kans.....	246	6 M.	60-60-60	2.00-3.00-2.46	1895 Ill.....	8	4 M.	60-60-60	1.50-2.00-1.83

HANGERS, NETS AND SEINES.

1880 Mass	8	3 F.	57-60-58	.42- .50- .47	1895 Mass	8	2 F.	57-57-57	.83- .83- .83
1894 Mass	8	2 F.	60-60-60	.83- .33- .83					

HANGERS-ON, MINING.

1884 England ..	178	(a) M.	54-54-54	.85-1.10- —	1890 England ..	5	(a) M.	(a)	1.15-1.15-1.15
1889 England ..	5	(a) M.	(a)	1.22-1.22-1.22					

HANGERS, PAPER GOODS.

1885 N. Y.....	7	5 F.	56-56-56	.75- .75- .75	1895 N. Y.....	7	3 F.	56-56-56	.67- .67- .67

HANK DRESSERS, COTTON GOODS.

1882 Br. India..	459	(a) (a)	(a)	.06½-.10- —	1890 Br. India..	459	(a) (a)	(a)	.09- .13- —
1883 Br. India..	459	(a) (a)	(a)	.07½-.09½- —	1891 Br. India..	459	(a) (a)	(a)	.13- .14- —
1884 Br. India..	459	(a) (a)	(a)	.07- .09½- —	1892 Br. India..	459	(a) (a)	(a)	.03- .05½- —
1885 Br. India..	459	(a) (a)	(a)	.11- .13- —	1893 Br. India..	459	(a) (a)	(a)	.06½-.08½- —
1886 Br. India..	459	(a) (a)	(a)	.05½-.10- —	1894 Br. India..	459	(a) (a)	(a)	.06½-.07½- —
1887 Br. India..	459	(a) (a)	(a)	.08½-.11- —	1895 Br. India..	459	(a) (a)	(a)	.07- .07- .07
1888 Br. India..	459	(a) (a)	(a)	.09- .11- —	1896 Br. India..	459	(a) (a)	(a)	.07- .11- —
1889 Br. India..	459	(a) (a)	(a)	.08- .11- —					

a Not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HANKERS, TEXTILES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1824 England ..	572	(a) F.	(a)	0.47-0.47-0.47
1826 England ..	572	(a) F.	(a)	.39- .39- .39
1827 England ..	572	(a) F.	(a)	.41- .41- .41
1828 England ..	572	(a) F.	(a)	.41- .41- .41
1829 England ..	572	(a) F.	(a)	.39- .39- .39
1830 England ..	572	(a) F.	(a)	.39- .39- .39
1831 England ..	572	(a) F.	(a)	.41- .41- .41
1833 England ..	572	(a) F.	(a)	.41- .41- .41
1881 S. C	7	4 F.	72-72-72	.48- 50- .49
1883 Mass	273	2 M.	(a)	1.00-1.50-1.25
1883 Mass	273	3 F.	(a)	1.00-1.00-1.00
1883 England ..	43	(a) (a)	(a)	.41- .41- .41
1885 N. Y.....	7	1 M.	60-60-60	0.67-0.67-0.67
1887 N. Y.....	3	1 F.	56-56-56	.33- .33- .33
1887 Germany .	557	(a) F.	48-54 —	.32- .48- —
1888 N. Y.....	331	1 M.	(a)	1.75-1.75-1.75
1888 R. I	6	5 M.	(a)	1.17-1.25-1.22
1888 Germany .	558	(a) F.	48-54 —	.24- .48- —
1889 Germany .	550	(a) F.	(a)	.32- .60- —
1891 N. Y.....	333	1 M.	(a)	1.25-1.25-1.25
1895 Mass	7	1 F.	58-58-58	.62- .62- .62
1895 N. Y.....	7	1 M.	60-60-60	.75- .75- .75
1895 S. C	7	5 M.	66-66-66	.50- .63- .56
1895 S. C	7	8 F.	66-66-66	.48- .58- .53

HARDENERS, BUTTONS.

1871	Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1895	Mass	8	4	M.	60-60-60	2.00-2.00-2.00

HARDENERS, GLASS.

1860	Russia	609	(a)	M.	(a)	.11- .11- .11	1869	Russia	609	(a)	M.	(a)	.20- .20- .20

HARDENERS, HATS.

1866	N. J	7	4	M.	(a)	1.83-2.17-2.08	1890	N. Y.....	333	6	M.	(a)	2.50-3.04-2.68
1883	N. J	322	3	M.	60-60-60	2.50-3.00-2.67	1891	N. Y.....	333	9	M.	(a)	.70-2.50-1.84
1883	Gr't Brit...	273	(a)	F.	(a)	.41- .73- —	1895	N. J	7	11	M.	60-60-60	2.33-4.17-2.79
1884	N. J	7	2	M.	(a)	1.67-2.67-2.17	1896	Conn.....	8	2	M.	60-60-60	3.25-3.50-3.38
1888	N. J	326	42	M.	(a)	2.50-3.17-2.82	1896	Mass	8	1	M.	60-60-60	1.25-1.25-1.25
1888	N. Y.....	331	29	M.	(a)	.67-3.00-2.22	1898	N. J	329	6	M.	60-60-60	2.33-2.33-2.33

HARDENERS' HELPERS, BUTTONS.

1871	Mass	8	1	M.	60-60-60	1.00-1.00-1.00	1895	Mass	8	2	M.	60-60-60	1.00-1.00-1.00

HARL CUTTERS, BROOMS.

1881	N. Y.....	8	4	M.	54-60-56	.58- .75- .71	1891	N. Y.....	333	9	M.	(a)	1.50-1.75-1.58
1888	N. Y.....	331	6	M.	58-58-58	1.50-1.50-1.50	1895	N. Y.....	8	6	M.	60-60-60	1.13-1.50-1.29
1890	N. Y.....	333	12	M.	(a)	1.50-1.75-1.54	1895	N. Y.....	8	1	F.	60-60-60	.75- .75- .75

HARNESS AND SADDLE MAKERS.

(b)	Germany .	609	(a)	(a)	(a)	.24- .24- .24	1853	France....	505	(a)	M.	(a)	.24- .68- —
1840	Scotland ..	563	(a)	(a)	60-60-60	.65- .65- .65	(d)	Scotland ..	561	(a)	(a)	(a)	.65- .65- .65
1842	Mass	8	2	M.	66-66-66	1.00-1.50-1.25	1859	England ..	177	(a)	M.	59-59-59	.79- .79- .79
(c)	Germany .	609	(a)	(a)	(a)	.28- .28- .28	(e)	Germany .	609	(a)	(a)	(a)	.32- .32- .32
1850	Scotland ..	563	(a)	(a)	60-60-60	.65- .65- .65	1860	Conn.....	8	10	M.	60-60-60	1.50-2.00-1.70
1853	Corsica....	505	(a)	M.	(a)	.39- .39- .39	1860	Germany .	185	(a)	M.	(a)	.14- .36- —
1853	France....	113	(a)	M.	(a)	.41- .77- —	1860	Scotland ..	563	(a)	(a)	60-60-60	.69- .69- .69

a Not reported.
b Average for 1830–39.
c Average for 1840–49.
d Average for 1855–57.
e Average for 1850–59.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARNESS AND SADDLE MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 Conn	8	2 M.	60-60-60	1.50-1.50-1.50
1861 Scotland	564	(a) (a)	60-60-60	.73- .73- .73
1863 Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1863 Ireland	565	(a) (a)	63-63-63	.71- .71- .71
1863 Scotland	565	(a) (a)	(a)	.83- .83. .83
1864 Germany	185	(a) M.	(a)	.16- .39- —
1865 Mass	8	1 M.	60-60-60	2.50-2.50-2.50
1865 Germany	177	(a) M.	78-78-78	b .16- .16- .16
1865 Germany	609	(a) (a)	78-78-78	.16- .16- .16
1866 Germany	177	(a) M.	78-78-78	b .16- .16- .16
1866 Germany	609	(a) (a)	78-78-78	.16- .16- .16
1867 England	567	(a) M.	63-63-63	.97- .97- .97
1867 Germany	177	(a) M.	78-78-78	b .18- .18- .18
1867 Germany	185	(a) M.	(a)	.16- .18- —
1867 Germany	609	(a) (a)	78-78-78	.18- .18- .18
1868 Germany	177	(a) M.	78-78-78	b .18- .18- .18
1868 Germany	185	(a) M.	(a)	.16- .18- —
1868 Germany	185	(a) M.	(a)	b .12- .12- .12
1868 Italy	185	(a) M.	(a)	.30- .80- —
1869 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1869 England	177	(a) M.	59-59-59	.81- .81- .81
1869 Germany	177	(a) M.	78-78-78	b .18- .18- .18
1869 Germany	609	(a) M.	(a)	.30- .61- —
1869 Greece	609	(a) (a)	(a)	.17- .52- —
1869 Spain	609	(a) (a)	66-66-66	.30- .51- —
1869 Turkey	609	(a) (a)	(a)	.28- .45- —
1870 Brazil	610	(a) (a)	(a)	1.95-2.43- —
1870 Germany	177	(a) M.	78-78-78	b .24- .24- .24
1870 Germany	610	(a) M.	72-72-72	.30- .61- —
1870 Germany	610	(a) M.	78-78-78	c.81-3.65- —
1870 Greece	610	(a) (a)	(a)	.86- .86- .86
1870 Spain	610	(a) M.	66-66-66	.30- .53- —
1870 Switzerl'd	610	(a) M.	(a)	.19- .97- —
1871 Mass	267	3 M.	60-60-60	2.50-2.50-2.50
1871 N. Y	333	4 M.	(a)	2.00-2.00-2.00
1871 Cuba	611	(a) M.	54-54-54	.97-1.95- —
1871 England	629	(a) (a)	(a)	1.22-1.22-1.22
1871 France	712	(a) M.	(a)	.55- .87- —
1871 Germany	177	(a) M.	78-78-78	b .24- .30- —
1871 Germany	185	(a) M.	(a)	.24- .66- —
1871 Italy	610	(a) M.	60-60-60	.48- .48- .48
1872 Ohio	359	1 M.	(a)	3.00-3.00-3.00
1872 Germany	177	(a) M.	78-78-78	b .30- .30- .30
1872 Germany	185	(a) M.	d60-72 —	.54- .72- —
1873 Pa	379	7 M.	(a)	2.00-2.00-2.00
1873 England	177	(a) M.	54-54-54	1.12-1.12-1.12
1873 England	185	(a) M.	(a)	.97-1.05- —
1873 England	185	(a) M.	(a)	e .94-1.41- —
1873 Germany	177	(a) M.	(a)	.51- .54- —
1873 Germany	177	(a) M.	78-78-78	b .32- .32- .32
1873 Gr't Brit	185	(a) M.	(a)	.97- .97- .97
1873 Persia	184	(a) M.	(a)	.40- .40- .40
1873 Sweden	167	(a) M.	66-66-66	.54- .67- —
1873 Switzerl'd	185	(a) M.	(a)	.20- .70- —
1873 Switzerl'd	714	(a) M.	66-66-66	.64- .73- —
1874 Corsica	505	(a) M.	(a)	.39- .39- .39
1874 France	505	(a) M.	(a)	.29- .87- —
1874 Germany	177	(a) M.	(a)	.51- .55- —
1874 Germany	177	(a) M.	78-78-78	b .36- .36- .36
1874 Germany	185	(a) M.	(a)	.67-1.00- —
1874 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1875 France	496	(a) M.	(a)	.48- .97- —
1875 Germany	177	(a) M.	(a)	.51- .63- —
1875 Germany	177	(a) M.	78-78-78	b .36- .36- .36
1875 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1876 Pa	381	1 M.	(a)	1.25-1.25-1.25
1876 Australia	171	(a) M.	(a)	1.82-2.23- —
1876 France	497	(a) M.	(a)	.48- .97- —
1876 Germany	177	(a) M.	(a)	.51- .62- —
1876 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1877 N. J	317	6 M.	56-56-56	.95-2.50-1.58
1877 Ohio	359	1 M.	59-59-59	2.50-2.50-2.50
1877 England	570	(a) M.	54-54-54	1.14-1.14-1.14
1877 Germany	177	(a) M.	(a)	.51- .60- —
1877 Scotland	177	(a) M.	51-51-51	.92-1.00- —
1878 Australia	177	(a) M.	54-54-54	1.01-2.23- —
1878 Belgium	177	(a) M.	(a)	.44- .80- —
1878 Belgium	177	(a) M.	(a)	f .08- .08- .08
1878 Canada	172	(a) M.	(a)	1.50-1.50-1.50
1878 Denmark	177	(a) M.	(a)	.64- .64- .64
1878 Denmark	177	(a) F.	(a)	.31- .31- .31
1878 England	177	(a) M.	g54-54-54	1.09-1.22- —
1878 France	498	(a) M.	(a)	.48- .97- —
1878 Germany	177	(a) M.	(a)	.51- .95- —
1878 Italy	177	(a) M.	(a)	.65- .65- .65
1878 Scotland	177	(a) M.	h51-54 —	.92-1.08- —
1878 Switzerl'd	177	(a) M.	(a)	.77- .77- .77
1879 Conn	8	4 M.	60-60-60	2.25-2.25-2.25
1879 N. J	318	3 (a)	45-70-58	.90-1.50-1.13
1879 France	499	(a) M.	(a)	.48- .97- —
1879 Germany	545	(a) M.	(a)	.36- .95- —
1880 N. J	319	5 (a)	59-70-62	.85-1.50-1.22
1880 Ohio	362	225 M.	(a)	1.60-1.60-1.60
1880 Pa	385	2 M.	60-60-60	1.65-1.75-1.70
1880 France	500	(a) M.	(a)	.48- .97- —
1880 Germany	546	(a) M.	(a)	.40- .71- —
1880 Switzerl'd	21	(a) (a)	66-66-66	.86- .86- .86
1881 Md	2	125 M.	60-60-60	1.66-1.66-1.66
1881 N. J	320	4 M.	i60-60-60	1.00-2.50-1.88
1881 Ohio	363	36 M.	i60-60-60	1.25-1.75-1.65
1881 Australia	431	(a) (a)	(a)	1.82-2.23- —
1881 France	501	(a) M.	(a)	.55-1.06- —
1881 Germany	178	(a) M.	(a)	.83- .83- .83
1881 Germany	514	(a) M.	(a)	.44- .67- —
1882 Ill	206	7 M.	60-60-60	1.66-1.66-1.66
1882 Mo	294	34 M.	60-60-60	.67-3.00-1.81
1882 N. J	321	58 M.	(a)	1.67-2.67-2.00
1882 Ohio	364	143 (a)	j60-60-60	1.25-2.25-1.95
1882 Canada	33	(a) (a)	(a)	1.50-2.00- —
1882 France	502	(a) M.	(a)	.55-1.45- —
1882 Germany	174	(a) (a)	72-72-72	.40- .71- —
1882 Germany	554	(a) (a)	68-68-68	.71-1.43- —
1882 Germany	554	(a) (a)	68-68-68	c .36- .60- —
1883 Ind	222	818 M.	(a)	.75-2.70-1.68
1883 Mich	277	16 M.	(a)	.75-2.00-1.58
1883 N. J	322	56 M.	k60-60-60	1.50-2.50-1.95
1883 Ohio	2	252 M.	59-59-59	1.92-2.11-2.02
1883 Ohio	365	4 M.	59-60-60	1.67-2.58-2.31
1883 Australia	174	(a) (a)	(a)	1.82-2.43- —
1883 France	503	(a) M.	(a)	.48- .97- —
1883 Germany	47	(a) (a)	72-72-72	.52- .77- —
1883 Germany	555	(a) (a)	60-66 —	.40-1.43- —
1883 Ireland	43	(a) (a)	(a)	.81-1.05- —
1884 Cal	192	55 M.	60-60-60	1.92-3.45-2.41
1884 Iowa	231	46 M.	l48-72-60	1.00-3.50-1.84
1884 Mich	278	40 M.	(a)	.65-2.00-1.63
1884 Mo	295	9 M.	i60-72-62	1.25-2.00-1.56
1884 N. J	323	157 M.	n60-60-60	2.00-2.67-2.00
1884 Ohio	366	2 M.	60-60-60	2.00-2.00-2.00
1884 Pa	388	27 M.	60-66-60	1.15-1.95-1.88

a Not reported.
b And board.
c And board and lodging.
d Applies to but 4 of the 6 wage quotations.
e And house.
f Per hour.
g Applies to but 2 of the 4 wage quotations.
h Applies to but 4 of the 5 wage quotations.
i Not including hours of 3 persons not reported.
j Not including hours of 2 persons not reported.
k Not including hours of 30 persons not reported.
l Not including hours of 1 person not reported.
n Not including hours of 156 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARNESS AND SADDLE MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Australia	178	(a) (a)	48-48-48	1.62-2.43- —
1884 Aust-Hun	178	(a) M.	b 60-72 —	.37-1.20- —
1884 Belgium	178	(a) M.	c 60-72 —	.38-1.33- —
1884 Brazil	178	(a) M.	d 60-60-60	.65-1.26- —
1884 Br. Guiana	178	(a) M.	54-54-54	.67-1.67- —
1884 Canada	178	(a) M.	e 57-60 —	1.00-2.50- —
1884 Canada	466	(a) M.	54-59 —	1.39-1.49- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	.83-1.33- —
1884 C. of G'd H.	483	(a) (a)	(a)	.85-3.24- —
1884 Ceylon	178	(a) (a)	d 53-53-53	.42- .58- —
1884 Colombia	178	(a) (a)	60-72 —	.50-1.29- —
1884 Cuba	178	(a) M.	f 59-59-59	1.07-1.86- —
1884 Denmark	178	(a) M.	60-60-60	.72-1.34- —
1884 Ecuador	178	(a) M.	60-60-60	1.00-2.00- —
1884 England	178	(a) M.	g 53-57 —	.57-2.84- —
1884 France	178	(a) M.	h 60-66 —	.62-1.35- —
1884 France	178	(a) F.	(a)	.39- .48- —
1884 France	178	(a) (a)	(a)	.29- .39- —
1884 France	504	(a) M.	(a)	.48- .97- —
1884 Germany	178	(a) M.	i 60-72 —	.48-2.38- —
1884 Germany	556	(a) F.	(a)	.24- .42- —
1884 Germany	556	(a) (a)	j 60-66 —	.40-1.19- —
1884 Germany	556	(a) (a)	60-60-60	k .32- .40- —
1884 Gibraltar	178	(a) M.	56-56-56	.92-1.50- —
1884 Gr't Brit	178	(a) M.	(a)	1.11-1.11-1.11
1884 Hawai. Is	178	(a) (a)	54-54-54	2.00-4.50- —
1884 Ireland	178	(a) M.	c 56-60 —	.73-1.46- —
1884 Italy	178	(a) M.	l 60-72 —	.29- .80- —
1884 Mexico	178	(a) (a)	n 60-60-60	.43-2.00- —
1884 Morocco	178	(a) (a)	60-72 —	.40-2.00- —
1884 Netherl ds	178	(a) M.	63-68 —	.54- .73- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.67-2.17- —
1884 Persia	178	(a) M.	(a)	.16- .65- —
1884 Peru	178	(a) M.	(a)	.41- .41- .41
1884 Philip. Is.	178	(a) M.	(a)	.50-1.00- —
1884 Russia	178	(a) M.	60-72 —	.25-1.60- —
1884 Russia	178	(a) M.	72-72-72	k .18- .92- —
1884 Scotland	178	(a) M.	o 51-56 —	.85-1.22- —
1884 Spain	178	(a) M.	60-72 —	.50-1.50- —
1884 Switzerl'd	178	(a) M.	p 60-66 —	.68-1.35- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.32-4.80- —
1884 Venezuela	178	(a) (a)	f 60-60-60	1.93-4.00- —
1884 Wales	178	(a) M.	f 54-54-54	1.13-1.30- —
1885 Conn	7	42 M.	60-60-60	1.17-2.67-1.85
1885 Ill	1	10 M.	60-60-60	1.87-2.75-2.05
1885 Kans	239	7 M.	60-60-60	1.50-1.75-1.56
1885 Mo	296	1 M.	60-60-60	2.50-2.50-2.50
1885 N. J	324	82 M.	60-60-60	1.17-2.50-1.99
1885 Ohio	367	2 M.	60-90-75	1.46-3.84-2.65
1885 Pa	389	25 M.	60-60-60	1.15-2.50-2.00
1885 Australia	175	(a) (a)	(a)	1.62-2.43- —
1885 Australia	431	(a) (a)	(a)	1.62-2.03- —
1885 Canada	460	(a) (a)	60-60-60	.61-3.00- —
1885 Canada	467	(a) M.	53-60 —	1.25-1.45- —
1885 France	494	(a) M.	(a)	.66- .87- —
1885 Germany	71	(a) M.	60-60-60	.71- .71- .71
1885 Germany	547	(a) M.	(a)	.76-1.05- —
1885 N. Zealand	68	(a) M.	(a)	1.46-3.41- —
1885 Switzerl'd.	184	(a) (a)	(a)	.80- .80- .80
1886 Conn	2	4 M.	60-60-60	2.12-2.12-2.12
1886 Ill	208	32 M.	48-72-59	1.25-2.00-1.61
1886 Iowa	232	165 M.	q 54-72-60	0.87-3.50-1.70
1886 Kans	240	17 M.	r 48-60-59	1.20-2.50-1.58
1886 Kans	241	3 M.	(a)	1.50-1.75-1.64
1886 N. Y	2	180 M.	54-60-55	2.00-2.25-2.12
1886 Ohio	2	671 M.	48-60-54	1.56-1.92-1.74
1886 Ohio	368	1 M.	(a)	1.74-1.74-1.74
1886 Argentina	57	(a) M.	f 60-60-60	.80-3.00- —
1886 Australia	184	(a) M.	(a)	1.62-2.43- —
1886 Aust-Hun	184	(a) (a)	(a)	.39- .78- —
1886 Belgium	456	(a) M.	(a)	.58- .68- —
1886 Canada	461	(a) M.	60-60-60	1.00-2.50- —
1886 Canada	468	(a) M.	58-59 —	1.35-2.00- —
1886 C. of G'd H.	483	(a) (a)	(a)	.73-3.65- —
1886 France	495	(a) M.	(a)	.66- .87- —
1886 Germany	548	(a) (a)	(a)	.71-1.19- —
1887 Kans	241	8 M.	s 60-66-62	1.40-2.00-1.72
1887 Kans	242	2 M.	(a)	1.33-1.40-1.37
1887 Me	253	1 M.	60-60-60	1.50-1.50-1.50
1887 Mo	297	3 M.	60-72-64	2.00-2.00-2.00
1887 N. C	342	1 M.	60-60-60	1.00-1.00-1.00
1887 Ohio	369	369 M.	48-60-55	1.00-6.08-2.01
1887 Ohio	369	31 F.	48-60-55	.75-2.50-1.44
1887 Wis	409	19 M.	(a)	1.25-2.00-1.73
1887 Wis	409	1 M.	(a)	t 1.25-1.25-1.25
1887 Australia	420	(a) (a)	54-54-54	1.22-2.03- —
1887 Canada	469	(a) M.	56-59 —	1.42-1.44- —
1887 C. of G'd H.	483	(a) (a)	(a)	.73-2.92- —
1887 France	495	(a) M.	(a)	.67- .87- —
1887 Germany	557	(a) (a)	u 60-66 —	.48-1.43- —
1888 Colo	198	3 M.	60-60-60	2.50-3.00-2.67
1888 Iowa	233	47 M.	57-60-60	1.00-1.75-1.48
1888 Kans	242	11 M.	(a)	1.46-3.00-2.02
1888 N. Y	331	88 M.	v 54-60-59	1.34-3.00-2.01
1888 N. C	343	12 M.	60-72-68	.41-2.00-1.47
1888 Ohio	370	8 M.	60-60-60	1.70-2.25-1.90
1888 R. I	397	2 M.	(a)	1.75-2.80-2.28
1888 Australia	421	(a) M.	54-54-54	1.22-2.03- —
1888 Aust-Hun	447	(a) M.	(a)	.08½-.69- —
1888 Canada	470	(a) M.	60-60-60	1.34-1.58- —
1888 Canada	470	(a) F.	54-54-54	.45- .45- .45
1888 C. of G'd H.	484	(a) M.	(a)	.73-2.43- —
1888 Germany	558	(a) (a)	c 60-66 —	.56-1.49- —
1889 Ill	5	1 M.	60-60-60	1.65-1.65-1.65
1889 Kans	243	15 M.	(a)	1.84-2.32-2.08
1889 N. C	344	1 M.	60-60-60	.83- .83- .83
1889 Australia	422	(a) (a)	54-54-54	1.62-2.03- —
1889 Canada	471	(a) M.	60-60-60	1.39-1.56- —
1889 C. of G'd H.	483	(a) M.	(a)	1.22-3.04- —
1889 Denmark	520	(a) M.	(a)	.80- .80- .80
1889 Germany	5	(a) M.	(a)	.92- .92- .92
1889 Germany	94	(a) M.	(a)	.25- .50- —
1889 Ireland	521	(a) (a)	(a)	1.14-1.14-1.14
1889 Italy	95	(a) M.	60-60-60	.60- .60- .60
1889 N. Zealand	96	(a) M.	(a)	2.19-2.19-2.19
1889 Portugal	691	(a) M.	(a)	.08½-1.08- —
1890 Kans	244	13 M.	(a)	1.66-2.50-1.94
1890 Minn	292	51 M.	(a)	1.35-2.65-1.85
1890 N. Y	333	102 M.	(a)	.67-3.17-1.39
1890 Australia	423	(a) (a)	48-54 —	1.62-2.03- —
1890 Aust-Hun	632	(a) M.	(a)	.32- .64- —
1890 Aust-Hun	632	(a) M.	(a)	t .09½-.19- —

a Not reported.
b Applies to but 15 of the 17 wage quotations.
c Applies to but 6 of the 8 wage quotations.
d Applies to but 2 of the 3 wage quotations.
e Applies to but 31 of the 37 wage quotations.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 17 of the 53 wage quotations.
h Applies to but 12 of the 14 wage quotations.
i Applies to but 52 of the 64 wage quotations.
j Applies to but 5 of the 9 wage quotations.
k And board and lodging.
l Applies to but 14 of the 18 wage quotations.
n Applies to but 6 of the 10 wage quotations.
o Applies to but 9 of the 13 wage quotations.
p Applies to but 6 of the 9 wage quotations.
q Not including hours of 90 persons not reported.
r Not including hours of 3 persons not reported.
s Not including hours of 4 persons not reported.
t And board.
u Applies to but 7 of the 9 wage quotations.
v Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARNESS AND SADDLE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 C. of G'd H.	484	(a) M.	(a)	0.37-3.24- —
1890 Netherl'ds	666	(a) M.	(a)	b .05½-.06½- —
1890 Russia	519	(a) M.	69-69-69	.53- .53- .53
1891 Me	257	15 M.	60-60-60	1.17-2.50-1.71
1891 N. Y.	333	140 M.	(a)	.67-3.67-1.64
1891 N. Y	333	5 F.	(a)	.67- .75- .73
1891 N. J	346	1 M.	(a)	1.16-1.16-1.16
1891 Ohio	372	375 M.	54-72-60	.90-3.00-1.71
1891 Wis	411	1 M.	(a)	1.50-1.50-1.50
1891 Belgium	457	(a) M.	66-66-66	.85- .85- .85
1891 C. of G'd H.	485	(a) (a)	(a)	.85-3.04- —
1891 China	105	(a) (a)	(a)	.44- .44- .44
1891 France	505	(a) M.	60-77 —	.48-2.12- —
1891 France	505	(a) M.	77-77-77	c1.54-1.54-1.54
1891 France	522	(a) M.	(a)	.67- .87- —
1891 Germany	551	(a) (a)	(a)	.95-1.43- —
1891 Gr't Brit	576	(a) M.	d57-57-57	.73- .97- —
1891 Ireland	107	(a) (a)	57-57-57	1.22-1.22-1.22
1891 N. Zealand	667	(a) (a)	(a)	1.46-2.43- —
1892 Cal.	196	51 M.	e57-69-60	1.15-4.00-2.44
1892 Iowa	235	39 (a)	60-60-60	.76-2.50-1.72
1892 Mo.	301	200 M.	60-60-60	2.50-2.50-2.50
1892 Ohio	373	3 (a)	60-60-60	1.50-2.25-1.92
1892 Australia	424	(a) M.	(a)	1.14-2.64- —
1892 C. of G'd H.	486	(a) M.	(a)	.61-2.68- —
1892 Corsica	505	(a) M.	(a)	.58- .58- .58
1892 Denmark	493	(a) M.	60-60-60	.72-1.34- —
1892 Corsica	505	(a) M.	(a)	.58- .58- .58
1892 France	505	(a) M.	f42-81 —	.14-1.45- —
1892 Ireland	632	(a) M.	54-54-54	.97-1.54- —
1892 Italy	112	(a) M.	66-66-66	.40- .80- —
1892 Spain	115	(a) M.	(a)	.60- .70- —
1893 Ill	10	10 M.	59-66-61	1.33-2.50-1.93
1893 Md.	10	22 M.	50-72-61	.67-3.33-1.73
1893 Md.	10	1 M.	60-60-60	g .67- .67- .67
1893 Md.	10	1 F.	60-60-60	1.00-1.00-1.00
1893 Mo	302	4 M.	60-60-60	1.75-2.00-1.94
1893 Mont	307	19 M.	h54-60-56	2.00-4.17-3.20
1893 Ohio	374	407 M.	54-60-59	1.25-2.84-1.96
1893 Ohio	374	17 F.	60-60-60	.75-1.25-1.10
1893 Pa	10	4 M.	57-66-61	1.17-1.67-1.46
1893 Wis	412	1 M.	(a)	1.50-1.50-1.50
1893 Australia	424	(a) M.	48-48-48	1.42-1.83- —
1893 Aust-Hun.	448	(a) M.	d66-66-66	.27- .68- —
1893 Aust-Hun.	448	(a) M.	(a)	g .20- .34- —
1893 France	507	(a) M.	60-66 —	1.16-1.54- —
1893 N. Zealand	669	(a) M.	48-48-48	1.42-1.42-1.42
1893 N. Zealand	682	(a) (a)	(a)	1.22-2.92- —
1894 Ind	228	23 M.	50-50-50	1.57-1.57-1.57
1894 Iowa	236	29 M.	60-72-60	1.17-4.00-1.78
1894 N. H	316	1 M.	60-60-60	1.50-1.50-1.50
1894 N. Y.	8	2 M.	60-60-60	1.50-2.00-1.75
1894 N. C.	8	2 M.	60-60-60	1.50-2.00-1.75
1894 N. C.	348	3 (a)	60-60-60	1.00-2.00-1.67
1894 Ohio	374	6 M.	(a)	.63-2.17-1.59
1894 Ohio	375	371 M.	i 42-60-54	1.31-2.75-1.86
1894 Ohio	375	11 F.	42-60-55	.75-1.25- .90
1894 Australia	425	(a) (a)	(a)	1.22-2.43- —
1894 C. of G'd H.	487	(a) M.	48-60 —	.36-2.92- —
1894 France	129	(a) M.	(a)	1.25-1.64- —
1894 France	508	(a) M.	60-60-60	.50-1.54- —
1894 Japan	647	(a) M.	(a)	.13- .38- —
1895 Conn.	7	45 M.	60-60-60	1.17-3.00-2.00
1895 Conn.	8	3 M.	60-60-60	2.25-2.50-2.42
1895 Kans.	249	5 M.	60-60-60	.38-2.50-1.81
1895 Mass	8	6 M.	60-60-60	1.50-2.50-1.99
1895 Mo	304	50 M.	(a)	0.50-3.50-2.01
1895 N. J	8	1 M.	60-60-60	2.25-2.25-2.25
1895 N. Y.	8	6 M.	60-60-60	1.50-2.50-1.80
1895 N. C.	8	9 M.	48-60-57	.90-2.00-1.27
1895 Ohio	8	5 M.	60-60-60	2.00-2.50-2.20
1895 Ohio	376	362 M.	j 48-60-57	.50-2.50-1.64
1895 Ohio	376	9 F.	54-60-57	.90-1.00- .94
1895 Wis	413	5 (a)	54-60-59	1.25-3.17-2.08
1895 Australia	426	(a) (a)	(a)	1.22-2.43- —
1895 Canada	187	(a) M.	60-60-60	1.00-2.00- —
1895 C. of G'd H.	488	(a) M.	(a)	.97-2.43- —
1895 England	591	(a) M.	(a)	.80- .88- —
1895 France	509	(a) (a)	60-60-60	.92-2.12- —
1895 Japan	648	(a) M.	(a)	.15- .30- —
1895 N. Found.	187	(a) M.	60-60-60	1.17-1.50- —
1895 N. Zealand	184	(a) M.	(a)	1.70-2.92- —
1895 Spain	133	(a) M.	(a)	.60- .70- —
1895 Switzerl'd.	184	(a) (a)	(a)	.80-1.00- —
1896 Kans.	250	22 M.	k54-60-57	1.25-2.00-1.71
1896 Mass	14	6 M.	54-56-56	2.24-2.50-2.42
1896 Mo	305	271 M.	48-60-57	1.00-2.35-1.63
1896 Nebr	314	11 (a)	h60-60-60	1.00-2.50-1.67
1896 N. Y.	14	12 M.	60-60-60	2.25-2.25-2.25
1896 N. C.	350	5 M.	h60-66-62	1.00-2.50-1.50
1896 Ohio	377	305 M.	48-60-56	1.05-2.21-1.62
1896 Ohio	377	5 F.	60-60-60	.75-1.00- .85
1896 Algeria	505	(a) M.	(a)	.97- .97- .97
1896 Algeria	505	(a) M.	(a)	b.09½-.09½-.09½
1896 Australia	427	(a) (a)	(a)	1.22-2.43- —
1896 Aust-Hun.	184	(a) (a)	(a)	.81-1.02- —
1896 Aust-Hun.	436	(a) (a)	60-66 —	.47- .73- —
1896 Belgium	184	(a) (a)	(a)	.92- .92- .92
1896 Br. Guiana	184	(a) M.	(a)	.67-1.33- —
1896 C. of G'd H.	184	(a) M.	(a)	1.67-2.50- —
1896 C. of G'd H.	489	(a) M.	(a)	1.22-3.04- —
1896 Corsica	505	(a) M.	(a)	.58- .58- .58
1896 Corsica	505	(a) M.	(a)	b .07- .07- .07
1896 France	505	(a) M.	(a)	.39-1.39- —
1896 France	505	(a) M.	(a)	b .04- 12½- —
1896 France	505	(a) M.	(a)	g.19- .48- —
1896 France	505	(a) M.	(a)	l.01½-.04- —
1896 France	510	(a) (a)	60-60-60	1.16-1.16-1.16
1896 Germany	560	(a) M.	60-60-60	.79- .79- .79
1896 Japan	649	(a) M.	(a)	.16- .35- —
1896 Mexico	184	(a) M.	n60-60-60	.26-1.04- —
1896 Persia	184	(a) M.	(a)	.40- .40- .40
1896 Scotland	592	(a) M.	(a)	.97- .97- .97
1897 Mich	289	10 M.	(a)	1.50-1.50-1.50
1897 Va	404	9 M.	60-60-60	1.00-1.25-1.03
1897 Australia	418	(a) (a)	(a)	1.62-2.43- —
1897 Australia	428	(a) (a)	(a)	1.01-2.43- —
1897 Aust-Hun.	437	(a) (a)	60-66 —	.66- .85- —
1897 C. of G'd H.	490	(a) (a)	(a)	.97-3.04- —
1897 France	511	(a) M.	63-63-63	.97- .97- .97
1897 Japan	650	(a) M.	(a)	.16- .30- —
1898 Kans.	252	4 M.	60-60-60	1.00-1.75-1.44
1898 Mich.	290	18 M.	(a)	1.50-1.64-1.57
1898 Nebr	314	13 (a)	69-69-69	1.25-1.76-1.29
1898 N. J	329	2 M.	60-60-60	2.00-2.50-2.25
1898 Australia	419	(a) (a)	(a)	1.22-2.84- —
1898 Australia	429	(a) (a)	(a)	1.01-2.43- —
1898 Aust-Hun.	438	(a) (a)	60-63 —	.68-1.42- —
1898 C. of G'd H.	491	(a) (a)	(a)	1.22-2.68- —
1898 France	512	(a) M.	(a)	.58- .77- —
1899 N. C.	353	3 M.	60-60-60	1.25-2.00-1.67

a Not reported.
b Per hour.
c And *gratifications*.
d Applies to but 1 of the 2 wage quotations.
e Not including hours of 3 persons not reported.
f Applies to but 18 of the 21 wage quotations.
g And board and lodging.
h Not including hours of 1 person not reported.
i Not including hours of 58 persons not reported.
j Not including hours of 22 persons not reported.
k Not including hours of 20 persons not reported.
l Per hour, and board and lodging.
n Applies to but 1 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARNESS AND SADDLE MAKERS' HELPERS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 Denmark	520	(a)	(a)	(a)	0.54-0.54-0.54	1895 Mo	304	1	M.	(a)	0.51-0.51-0.51

HARNESS CLEANERS, TEXTILES.

1880 R. I	190	1	M.	72-72-72	1.35-1.35-1.35	1890 N. H	6	2	M.	60-60-60	1.35-1.35-1.35
1881 R. I	190	1	M.	72-72-72	1.35-1.35-1.35	1890 R. I	190	1	M.	60-60-60	1.50-1.50-1.50
1882 R. I	190	1	M.	72-72-72	1.35-1.35-1.35	1891 Mass	190	5	M.	72-72-72	1.20-1.20-1.20
1883 R. I	190	1	M.	72-72-72	1.35-1.35-1.35	1891 R. I	190	1	M.	60-60-60	1.50-1.50-1.50
1884 Ga	7	1	M.	70-70-70	.50- .50- .50	1892 Me	258	5	M.	60-60-60	.58- .75- .65
1884 R. I	190	1	M.	72-72-72	1.35-1.35-1.35	1892 Mass	20	2	M.	58-60-59	1.10-1.16-1.13
1885 Me	7	1	M.	66-66-66	.91- .91- .91	1892 R. I	190	1	M.	60-60-60	1.50-1.50-1.50
1885 N. H	7	1	F.	66-66-66	.59- .59- .59	1893 Mass	20	2	M.	58-58-58	1.00-1.29-1.15
1885 R. I	190	1	M.	72-72-72	1.40-1.40-1.40	1894 Mass	20	2	M.	58-58-58	1.10-1.16-1.13
1886 R. I	190	1	M.	60-60-60	1.50-1.50-1.50	1894 N. Y	8	6	M.	60-60-60	.60-1.00- .67
1887 R. I	190	1	M.	60-60-60	1.50-1.50-1.50	1895 Ga	8	2	M.	66-66-66	.50- .75- .63
1888 Conn	6	1	M.	(a)	1.50-1.50-1.50	1895 La	7	2	F.	63-63-63	.60- .60- .60
1888 R. I	6	4	M.	(a)	1.00-1.67-1.29	1895 Me	7	2	M.	60-60-60	1.00-1.00-1.00
1888 R. I	190	1	M.	60-60-60	1.50-1.50-1.50	1895 Mass	20	2	M.	58-58-58	1.04-1.16-1.10
1888 Germany	6	(a)	M.	(a)	.31- .43- —	1895 N. H	7	1	F.	60-60-60	.64- .64- .64
1889 Conn	6	1	M.	(a)	1.25-1.25-1.25	1896 Ga	7	1	M.	66-66-66	.50- .50- .50
1889 R. I	190	1	M.	60-60-60	1.50-1.50-1.50						

HARNESS FIXERS, CARPETINGS.

1885 N. Y	1	23	M.	60-66-63	1.00-2.75-1.78	1891 N. Y	333	3	M.	(a)	1.75-2.40-2.18
1890 N. Y	333	3	M.	(a)	1.75-2.40-2.18	1895 Pa	8	2	M.	60-60-60	2.00-2.75-2.38

HARNESS HANDS, TEXTILES.

1843 Mass	190	1	F.	84-84-84	.40- .40- .40	1864 Mass	190	2	F.	66-66-66	.75- .75- .75
1844 Mass	190	9	F.	84-84-84	.38- .42- .39	1864 Mass	190	1	(a)	66-66-66	.75- .75- .75
1845 Mass	190	1	M.	84-84-84	1.00-1.00-1.00	1865 Mass	190	1	F.	66-66-66	.75- .75- .75
1845 Mass	190	1	F.	84-84-84	.38- .38- .38	1866 Mass	190	3	F.	66-66-66	.80- .89- .86
1846 Mass	190	8	F.	84-84-84	.38- .48- .40	1866 Mass	190	2	(a)	66-66-66	.75- .89- .82
1847 Mass	190	10	F.	84-84-84	.33- .42- .39	1866 England	566	(a)	M.	60-60-60	.32-1.05- —
1848 Mass	190	5	F.	84-84-84	.42- .45- .43	1866 England	566	(a)	F.	60-60-60	.24- .49- —
1849 Mass	190	3	F.	84-84-84	.42- .69- .51	1867 Mass	190	2	M.	66-66-66	.83- .83- .83
1850 Mass	190	1	M.	84-84-84	.42- .42- .42	1867 Mass	190	11	F.	66-66-66	.58- .89- .77
1850 Mass	190	10	F.	84-84-84	.38- .42- .39	1867 Mass	190	3	(a)	66-66-66	.80- .89- .86
1851 Mass	190	1	M.	84-84-84	.42- .42- .42	1868 Mass	190	1	M.	66-66-66	.75- .75- .75
1851 Mass	190	9	F.	84-84-84	.38- .50- .41	1868 Mass	190	7	F.	66-66-66	.75- .90- .83
1852 Mass	190	2	M.	72-72-72	.21- .38- .30	1868 Mass	190	3	(a)	66-66-66	.80- .90- .83
1852 Mass	190	9	F.	72-72-72	.30- .56- .41	(b) England	567	(a)	M.	60-60-60	.32-1.05- —
1853 Mass	190	1	M.	72-72-72	.42- .42- .42	(b) England	567	(a)	F.	60-60-60	.24- .49- —
1853 Mass	190	14	F.	72-72-72	.32- .50- .40	(b) Ireland	567	(a)	M.	63-63-63	.61- .61- .61
1854 Mass	190	1	M.	72-72-72	.38- .38- .38	1869 Mass	190	1	M.	66-66-66	.83- .83- .83
1854 Mass	190	13	F.	72-72-72	.32- .52- .41	1869 Mass	190	8	F.	66-66-66	.45-1.00- .70
1855 Mass	190	1	M.	72-72-72	.50- .50- .50	1869 Mass	190	4	(a)	66-66-66	.80- .95- .89
1855 Mass	190	5	F.	72-72-72	.30- .50- .42	1870 Mass	190	1	M.	66-66-66	1.00-1.00-1.00
1855 Mass	190	4	(a)	72-72-72	.38- .38- .38	1870 Mass	190	4	F.	66-66-66	.45-1.00- .80
1858 Mass	190	1	F.	72-72-72	.42- .42- .42	1870 Mass	190	1	(a)	66-66-66	.75- .75- .75
1859 Mass	190	4	F.	72-72-72	.30- .56- .42	1871 Mass	190	2	M.	66-66-66	.90-1.00- .95
1860 Mass	190	5	F.	72-72-72	.40- .56- .46	1871 Mass	190	5	F.	66-66-66	.80-1.02- .93
1860 Mass	190	3	(a)	72-72-72	.32- .42- .39	1872 Mass	190	2	M.	66-66-66	.85- .90- .88
1861 Mass	190	1	M.	66-66-66	.42- .42- .42	1872 Mass	190	6	F.	66-66-66	.80-1.25- .99
1861 Mass	190	1	F.	66-66-66	.58- .58- .58	1872 England	185	(a)	M.	59-59-59	.48- .48- .48
1861 Mass	190	1	(a)	66-66-66	.50- .50- .50	1873 Mass	190	2	M.	66-66-66	.85-1.00- .93
1862 Mass	190	1	M.	66-66-66	.42- .42- .42	1873 Mass	190	6	F.	66-66-66	.90-1.25- .99
1862 Mass	190	1	F.	66-66-66	.65- .65- .65	1874 Mass	190	2	M.	66-66-66	.90- .90- .90
1862 Mass	190	1	(a)	66-66-66	.54- .54- .54	1874 Mass	190	6	F.	66-66-66	.90-1.25- .98
1863 Mass	190	1	F.	66-66-66	.70- .70- .70	1874 England	569	(a)	M.	60-60-60	.24- .24- .24

a Not reported. b Average for 1867-68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARNESS HANDS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 England ..	569	(a) F.	56-60 —	0.24-0.57- —	1887 Mass	190	1 M.	60-60-60	0.90-0.90-0.90
1875 Mass	190	2 M.	60-60-60	.80- .90- .85	1887 Mass	190	1 F.	60-60-60	1.35-1.35-1.35
1875 Mass	190	6 F.	60-60-60	.90-1.25- .96	1888 Conn.....	190	2 M.	60-60-60	1.50-1.75-1.63
1876 Mass	190	2 M.	60-60-60	.85- .90- .88	1888 Ga	6	1 F.	66-66-66	.65- .65- .65
1876 Mass	190	6 F.	60-60-60	.90-1.25- .96	1888 Mass	190	1 M.	60-60-60	.90- .90- .90
1877 Mass	190	1 M.	60-60-60	.90- .90- .90	1888 Mass	190	1 F.	60-60-60	1.35-1.35-1.35
1877 Mass	190	4 F.	60-60-60	.90-1.25- .99	1888 N. Y.....	6	3 M.	b 60-60-60	.90-1.50-1.28
1877 England ..	570	(a) M.	56-57 —	.41- .97- —	1888 N. Y.....	6	3 F.	60-60-60	1.12-1.12-1.12
1877 England ..	570	(a) F.	57-57-57	.41- .41- .41	1888 R. I	6	3 M.	c 60-60-60	1.00-1.67-1.39
1877 Scotland ..	570	(a) M.	(a)	.41-1.01- —	1888 S. C	6	2 M.	b 66-66-66	.40- .40- .40
1877 Scotland ..	570	(a) F.	(a)	.20- .61- —	1888 Germany .	6	(a) M.	(a)	.48- .67- —
1878 Mass	190	1 M.	60-60-60	.90- .90- .90	1888 Germany .	6	(a) F.	(a)	.50- .50- .50
1878 Mass	190	4 F.	60-60-60	.90-1.25- .99	1889 Conn.....	5	1 M.	(a)	1.25-1.25-1.25
1879 Mass	190	5 F.	60-60-60	.90-1.35- .99	1889 Conn.....	190	2 M.	60-60-60	1.50-1.75-1.63
1880 Mass	190	5 F.	60-60-60	.90-1.35- .99	1889 Me	6	2 F.	60-60-60	.83- .83- .83
1880 England ..	571	(a) M.	56-57 —	.41-1.05- —	1889 Md.....	5	1 M.	(a)	1.00-1.00-1.00
1880 England ..	571	(a) F.	56-56-56	.36- .36- .36	1889 Mass	6	4 M.	60-60-60	1.00-1.28-1.11
1881 Conn.....	190	1 M.	66-66-66	1.35-1.35-1.35	1889 Mass	190	4 F.	60-60-60	.60-1.25- .99
1881 Mass	190	5 F.	60-60-60	.90-1.35- .99	1889 Mo.....	6	1 M.	(a)	.45- .45- .45
1881 N. H	7	5 M.	65-65-65	1.15-1.75-1.48	1889 N. H	6	1 M.	60-60-60	1.08-1.08-1.08
1881 N. H	7	22 F.	65-65-65	.60-1.25- .93	1889 N. H	6	3 F.	60-60-60	1.00-1.25-1.08
1882 Conn.....	190	2 M.	66-66-66	1.50-1.57-1.54	1889 N. Y.....	6	9 M.	d 60-60-60	.75-1.50-1.09
1882 Mass	190	6 F.	60-60-60	.90-1.35- .98	1889 Pa	6	2 M.	(a)	.50- .71- .61
1882 S. C	7	1 M.	69-69-69	1.08-1.08-1.08	1889 Tenn.....	6	1 F.	66-66-66	.50- .50- .50
1883 Conn.....	190	1 M.	66-66-66	1.57-1.57-1.57	1889 Tenn.....	6	1 (a)	66-66-66	.80- .80- .80
1883 Mass	190	5 F.	60-60-60	.90-1.35- .99	1889 England ..	6	(a) M.	(a)	.77- .77- .77
1883 Mass	273	4 F.	(a)	.85- .85- .85	1889 France....	6	(a) M.	(a)	.73- .73- .73
1883 Mass	273	2 (a)	(a)	.80- .80- .80	1890 Ala	6	1 M.	63-63-63	.90- .90- .90
1883 England ..	572	(a) M.	57-57-57	.53- .53- .53	1890 Ala	6	1 F.	66-66-66	.58- .58- .58
1883 England ..	572	(a) F.	56-57 —	.26- .73- —	1890 Conn.....	6	2 M.	(a)	1.42-1.58-1.50
1884 Conn.....	190	1 M.	66-66-66	1.57-1.57-1.57	1890 Conn.....	190	4 M.	60-60-60	1.00-1.75-1.44
1884 Mass	190	1 M.	60-60-60	.90- .90- .90	1890 Ky	6	1 F.	66-66-66	.75- .75- .75
1884 Mass	190	2 F.	60-60-60	.90-1.35-1.13	1890 Mass	190	5 F.	60-60-60	.60-1.25- .91
1884 Scotland ..	178	(a) M.	57-57-57	.81- .97- —	1890 Miss	6	2 F.	b 66-66-66	.65- .65- .65
1885 Conn.....	190	1 M.	66-66-66	1.57-1.57-1.57	1890 N. Y.....	333	2 M.	(a)	1.00-1.25-1.13
1885 Me	1	8 M.	66-66-66	.80-2.50-1.14	1890 R. I	6	4 M.	(a)	.75-1.50-1.13
1885 Me	1	1 F.	66-66-66	.73- .73- .73	1891 Conn.....	190	2 M.	60-60-60	1.50-1.50-1.50
1885 Mass	1	1 M.	60-60-60	.75- .75- .75	1891 Mass	190	6 F.	60-60-60	.60-1.35- .91
1885 Mass	1	17 F.	60-60-60	.63- .83- .68	1891 N. Y.....	333	2 M.	(a)	1.00-1.25-1.13
1885 Mass	190	1 M.	60-60-60	.90- .90- .90	1892 Conn.....	190	2 M.	60-60-60	1.50-2.13-1.82
1885 Mass	190	3 F.	60-60-60	.75-1.35- .95	1892 Me	258	4 M.	60-60-60	.50- .90- .68
1885 N. H	1	5 M.	65-65-65	.82- .82- .82	1892 Me	258	3 F.	60-60-60	.75-1.00- .83
1885 N. Y.....	1	1 M.	66-66-66	1.50-1.50-1.50	1892 Mass	20	4 M.	60-60-60	1.00-1.00-1.00
1886 Conn.....	190	2 M.	60-66-63	1.57-1.62-1.60	1892 Mass	190	1 M.	58-58-58	1.10-1.10-1.10
1886 Mass	190	1 M.	60-60-60	.90- .90- .90	1892 Mass	190	7 F.	58-58-58	.60- .90- .69
1886 Mass	190	1 F.	60-60-60	1.35-1.35-1.35	1893 Mass	20	1 M.	58-58-58	1.00-1.00-1.00
1886 N. H	7	3 M.	60-60-60	.92-1.50-1.11	1895 Mass	7	1 M.	58-58-58	1.26-1.26-1.26
1886 N. J	325	3 M.	60-60-60	1.25-1.33-1.28	1895 Mass	20	2 M.	58-58-58	1.04-1.04-1.04
1886 England ..	600	(a) M.	57-57-57	.32-1.15- —	1895 N. H	7	8 M.	60-60-60	1.20-1.80-1.58
1886 England ..	600	(a) F.	57-57-57	.30- .48- —	1895 N. H	7	15 F.	60-60-60	.80-1.15- .93
1886 Scotland ..	600	(a) M.	57-57-57	.20-1.18- —	1895 N. C.....	8	2 F.	72-72-72	.70- .70- .70
1886 Scotland ..	600	(a) F.	57-57-57	.23- .54- —	1896 Ga	7	1 M.	66-66-66	.75- .75- .75
1887 Conn.....	190	2 M.	60-60-60	1.62-1.87-1.75	1896 N. H	7	2 M.	60-60-60	1.00-1.50-1.25
1887 Conn.....	202	1 M.	(a)	1.25-1.25-1.25	1896 S. C	7	1 M.	66-66-66	1.20-1.20-1.20

HARNESS MENDERS, TEXTILES.

1881 N. H	7	7 F.	65-65-65	.70- .80- .79	1886 N. H	7	3 F.	60-60-60	.60- .90- .77
1882 N. H	7	6 F.	66-66-66	.70-1.10- .84	1895 N. H	7	22 F.	60-60-60	.45-1.05- .85
1885 Gr't Brit...	1	(a) M.	60-60-60	.43- .43- .43	1896 N. H	7	3 F.	60-60-60	.85- .85- .85

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 2 persons not reported
d Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HARVEST HANDS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1725 England ..	185	(a) M.	(a)	0.20-0.30- —
1725 England ..	185	(a) M.	(a)	b.12- .18- —
1725 England ..	185	(a) F.	(a)	.14- .20- —
1725 England ..	185	(a) F.	(a)	b.06- .12- —
1843 N. C	8	6 M.	60-60-60	.75-1.00- .92
1850 Ky	8	12 M.	60-60-60	.50-1.25- .94
1854 Belgium ..	185	(a) M.	(a)	.17- .17- .17
1867 England ..	628	(a) M.	(a)	.12-1.22- —
1867 England ..	628	(a) M.	(a)	b.12- .12- .12
1867 England ..	628	(a) M.	(a)	c.12- .81- —
1867 England ..	628	(a) F.	(a)	.16- .57- —
1868 England ..	628	(a) M.	(a)	.24-1.01- —
1868 England ..	628	(a) M.	(a)	b.41- .85- —
1868 England ..	628	(a) F.	(a)	.16- .61- —
1868 England ..	628	(a) F.	(a)	b.24- .24- .24
1868 Germany..	185	(a) M.	84-84-84	.19- .29- —
1868 Germany..	185	(a) F.	84-84-84	.14- .17- —
1869 Scotland ..	628	(a) M.	(a)	.85-1.46- —
1869 Scotland ..	628	(a) M.	(a)	c.61- .61- .61
1869 Scotland ..	628	(a) F.	d57-57-57	.14- .81- —
1869 Scotland ..	628	(a) F.	(a)	e.49- .69- —
1869 Turkey....	609	(a) M.	(a)	c.32- .49- —
1869 Turkey....	609	(a) F.	(a)	c.16- .24- —
1869 Wales	628	(a) M.	(a)	.61- .81- —
1869 Wales	628	(a) F.	(a)	.24- .57- —
1869 Wales	628	(a) F.	(a)	b.20- .37- —
1870 Servia.....	610	(a) M.	(a)	.65- .85- —
1870 Servia.....	610	(a) (a)	(a)	.24- .41- —
1870 Switzerl'd.	610	(a) M.	(a)	.58- .68- —
1870 Turkey....	610	(a) M.	(a)	.37- .49- —
1870 Turkey....	610	(a) F.	(a)	.20- .24- —
1873 Switzerl'd.	185	(a) M.	(a)	.60- .70- —
1875 Australia..	169	(a) M.	(a)	e.79-1.21- —
1875 Australia..	170	(a) (a)	(a)	1.17-1.17-1.17
1875 Australia..	170	(a) (a)	(a)	e1.29-1.29-1.29
1876 Australia..	171	(a) M.	(a)	b1.26-1.35- —
1877 Australia..	172	(a) M.	(a)	1.18-1.27- —
1880 N. C	8	2 M.	66-66-66	1.00-1.75-1.38
1880 China	21	(a) M.	(a)	b.10- .15- —
1881 Morocco ..	22	(a) (a)	(a)	.09- .10- —
1882 Russia	178	(a) M.	(a)	.15-1.32- —
1882 Russia	178	(a) M.	(a)	b.15-1.44- —
1882 Russia	178	(a) F.	(a)	.12- .96- —
1882 Russia	178	(a) F.	(a)	b.10-1.06- —
1883 Ireland	630	(a) M.	(a)	.61- .85- —
1883 Ireland	630	(a) M.	(a)	b.61- .61- .61
1883 Russia	178	(a) M.	(a)	.15- .72- —
1883 Russia	178	(a) M.	(a)	b.07- .46- —
1883 Russia	178	(a) F.	(a)	.10- .36- —
1883 Russia	178	(a) F.	(a)	b.05- .31- —
1884 Canada ...	178	(a) M.	(a)	b1.00-2.50- —
1884 Canada ...	178	(a) (a)	(a)	f.96-2.25- —
1884 England ..	178	(a) M.	(a)	.73- .73- .73
1884 England ..	178	(a) M.	(a)	c.61- .61- .61
1884 England ..	178	(a) F.	(a)	.36- .36- .36
1884 Germany .	178	(a) M.	(a)	.48- .80- —
1884 Germany .	178	(a) M.	(a)	b.54- .96- —
1884 Germany .	178	(a) F.	(a)	.36- .48- —
1884 Italy	178	(a) M.	g72-72-72	.58- .96- —
1884 Mexico....	178	(a) (a)	(a)	.50-1.00- —
1884 Mexico....	178	(a) (a)	(a)	b.17- .46- —
1884 Netherl'ds	178	(a) M.	(a)	.80-1.10- —
1884 Netherl'ds	178	(a) M.	66-66-66	f.50- .80- —
1884 N. Zealand	178	(a) (a)	(a)	f1.62-2.43- —
1884 Spain	178	(a) M.	h60-66 —	.45- .90- —
1884 Turk. in A.	178	(a) (a)	i60-60-60	.18- .81- —
1885 France....	632	(a) M.	78-84 —	.58-1.16- —
1885 N. Zealand	68	(a) M.	(a)	1.46-2.43- —
1885 N. Zealand	68	(a) M.	(a)	j.24½-.24½-.24½
1885 N. Zealand	68	(a) M.	(a)	b.81-2.03- —
1886 Argentina	57	(a) M.	(a)	.40-1.60- —
1886 Canada ...	175	(a) (a)	(a)	b1.25-1.25-1.25
1887 Ohio	369	1 M.	60-60-60	1.50-1.50-1.50
1889 Chile.....	184	(a) (a)	(a)	1.54-1.54-1.54
1889 China.....	88	(a) (a)	(a)	.20- .20- .20
1889 N. Zealand	96	(a) (a)	(a)	2.19-2.31- —
1889 N. Zealand	96	(a) (a)	(a)	b1.95-2.47- —
1890 N. Zealand	683	(a) (a)	(a)	b.41-1.62- —
1891 N. Zealand	667	(a) (a)	(a)	1.46-2.80- —
1891 N. Zealand	667	(a) (a)	(a)	j.36½-.36½-.36½
1891 N. Zealand	667	(a) (a)	(a)	b.61-2.43- —
1892 Germany .	115	(a) M.	(a)	.36- .36- .36
1892 Germany .	115	(a) F.	(a)	.25- .25- .25
1893 Ill.....	8	1 M.	60-60-60	2.25-2.25-2.25
1893 N. C	8	92 M.	60-72-71	.50-1.25- .98
1893 Aust-Hun .	439	(a) M.	(a)	.14-1.02- —
1893 Aust-Hun .	439	(a) M.	(a)	b.10- .81- —
1893 Aust-Hun .	439	(a) F.	(a)	.10- .77- —
1893 Aust-Hun .	439	(a) F.	(a)	b.08- .41- —
1893 France....	632	(a) M.	(a)	.97-1.06- —
1893 Italy	632	(a) M.	(a)	.48- .97- —
1893 N. Zealand	675	(a) (a)	(a)	1.22-2.43- —
1893 N. Zealand	675	(a) (a)	(a)	j.14- .30½- —
1893 N. Zealand	675	(a) (a)	(a)	b1.22-2.23- —
1893 N. Zealand	675	(a) (a)	(a)	k.24½-.24½-.24½
1893 N. Zealand	682	(a) (a)	(a)	1.46-2.68- —
1893 N. Zealand	682	(a) (a)	(a)	b.81-1.62- —
1893 Scotland ..	632	(a) M.	l60-60-60	.81-1.20- —
1894 N. Y.....	8	7 M.	60-60-60	2.00-2.00-2.00
1894 N. C	8	80 M.	60-72-69	.40-1.25- .98
1894 England ..	584	(a) M.	(a)	.19-1.31- —
1894 England ..	584	(a) M.	(a)	f.45-1.31- —
1894 England ..	586	(a) M.	(a)	1.14-1.14-1.14
1894 Spain	632	(a) M.	(a)	.29- .39- —
1894 Spain	632	(a) F.	(a)	.14- .24- —
1894 Spain	632	(a) (a)	(a)	.09½-.14- —
1895 Iowa	8	24 M.	60-60-60	1.50-1.50-1.50
1895 N. C	8	3 M.	60-60-60	.60- .75- .65
1895 Wis	8	12 M.	60-60-60	b1.00-1.25-1.08
1895 Aust-Hun .	595	(a) M.	(a)	.48- .48- .48
1895 Aust-Hun .	595	(a) M.	(a)	f.36- .36- .36
1895 Aust-Hun .	595	(a) F.	(a)	.31- .31- .31
1895 Aust-Hun .	595	(a) F.	(a)	f.23- .23- .23
1895 England ..	586	(a) M.	(a)	1.15-1.15-1.15
1895 N. Zealand	184	(a) (a)	(a)	1.46-1.94- —
1895 N. Zealand	184	(a) (a)	(a)	b.61-1.63- —
1896 Cal.....	8	5 M.	60-60-60	2.50-3.00-2.90
1896 Aust-Hun .	678	(a) M.	(a)	.32-1.01- —
1896 England ..	586	(a) M.	(a)	1.13-1.13-1.13
1897 Aust-Hun .	679	(a) (a)	(a)	.73- .73- .73
1897 Denmark .	492	(a) M.	(a)	.54- .87- —
1897 Denmark .	492	(a) M.	(a)	b.38- .80- —
1897 Denmark .	492	(a) F.	(a)	.28- .56- —
1897 Denmark .	492	(a) F.	(a)	b.20- .40- —
1898 France....	512	(a) M.	72-72-72	.58- .68- —

a Not reported.
b And board.
c And partial rations.
d Applies to but 1 of the 18 wage quotations.
e And food.
f And board and lodging.
g Applies to but 2 of the 8 wage quotations.
h Applies to but 4 of the 5 wage quotations.
i Applies to but 2 of the 4 wage quotations.
j Per hour.
k Per hour, and board.
l Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HASSOCK MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 N. Y.	3	10 F.	a43-56-54	0.33-1.50-0.80

HAT-BLOCK MAKERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Wis	7	2 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	10 M.	(b)	.83-3.25-2.59
1891 N. Y.	333	10 M.	(b)	.83-5.00-2.79
1894 Ind	228	1 M.	60-60-60	2.00-2.00-2.00
1894 Ohio	375	3 M.	60-60-60	3.50-3.50-3.50
1896 Wis	7	4 M.	60-60-60	2.00-2.00-2.00
1898 N. J	329	3 M.	60-60-60	2.50-3.00-2.83

HAT MAKERS.

1839	England	562	(b)	M.	60-60-60	2.03-2.03-2.03	1871	Italy	610	(b)	(b)	(b)	.04- .04- .04
1840	Scotland	563	(b)	(b)	60-60-60	1.22-1.22-1.22	1871	Italy	611	(b)	M.	(b)	.27- .63- —
1846	Belgium	632	(b)	(b)	(b)	.35- .43- —	1871	Italy	611	(b)	F.	(b)	.10½-.32- —
1849	England	562	(b)	M.	60-60-60	1.62-1.62-1.62	1871	Netherl'ds	611	(b)	M.	72-72-72	.68- .81- —
1850	Scotland	563	(b)	(b)	60-60-60	.97- .97- .97	1871	Norway	185	(b)	(b)	(b)	.63- .72- —
1853	France	113	(b)	M.	(b)	.41- .77- —	1871	Scotland	185	(b)	(b)	60-60-60	1.41-1.41-1.41
1855	Conn	8	1	M.	72-72-72	1.50-1.50-1.50	1872	Netherl'ds	185	(b)	(b)	72-72-72	.67- .81- —
(c)	England	561	(b)	(b)	(b)	1.14-1.14-1.14	1873	Germany	177	(b)	M.	(b)	.59- .59- .59
(c)	Scotland	561	(b)	(b)	(b)	.97- .97- .97	1873	Persia	184	(b)	(b)	(b)	.50- .50- .50
1858	Ireland	563	(b)	(b)	72-72-72	1.62-1.62-1.62	1873	Sweden	167	(b)	M.	66-66-66	.80-1.34- —
1859	England	562	(b)	M.	60-60-60	1.42-1.42-1.42	1873	Sweden	167	(b)	F.	66-66-66	.44- .80- —
1859	Ireland	563	(b)	(b)	72-72-72	1.62-1.62-1.62	1874	Germany	177	(b)	M.	(b)	.59- .59- .59
(d)	England	563	(b)	(b)	(b)	1.10-1.10-1.10	1875	N. Y	3	1	F.	(b)	.67- .67- .67
1860	France	609	(b)	(b)	(b)	.97- .97- .97	1875	France	177	(b)	M.	(b)	.80-1.80- —
1860	Germany	185	(b)	M.	(b)	.28- .28- .28	1875	France	496	(b)	M.	(b)	.49-1.74- —
1860	Ireland	563	(b)	(b)	72-72-72	1.62-1.62-1.62	1875	Germany	177	(b)	M.	(b)	.59- .59- .59
1860	Scotland	563	(b)	(b)	60-60-60	.97- .97- .97	1875	Norway	684	(b)	(b)	(b)	.63-1.05- —
1861	Italy	610	(b)	M.	(b)	.28- .28- .28	1876	France	497	(b)	M.	(b)	.48-1.74- —
1861	Italy	610	(b)	F.	(b)	.14- .14- .14	1876	Germany	177	(b)	M.	(b)	.59- .59- .59
1861	Scotland	564	(b)	(b)	(b)	1.22-1.42- —	1877	Germany	177	(b)	M.	(b)	.52- .52- .52
1862	Conn	8	1	M.	60-60-60	1.75-1.75-1.75	1878	Denmark	177	(b)	M.	(b)	.89- .89- .89
1863	Conn	8	4	M.	60-60-60	2.00-3.50-2.69	1878	Denmark	177	(b)	F.	(b)	.22- .22- .22
1864	Germany	185	(b)	M.	(b)	.36- .36- .36	1878	England	177	(b)	M.	(b)	1.01-2.03- —
1865	Germany	185	(b)	M.	(b)	.36- .36- .36	1878	France	177	(b)	(b)	(b)	.62-1.40- —
1866	Germany	185	(b)	M.	(b)	.36- .36- .36	1878	France	498	(b)	M.	(b)	.52-1.74- —
1867	Germany	185	(b)	M.	(b)	.42- .42- .42	1878	Germany	177	(b)	M.	(b)	.52-1.42- —
1868	Germany	185	(b)	M.	(b)	.42-2.00- —	1878	Italy	177	(b)	M.	(b)	.96- .96- .96
1868	Germany	185	(b)	F.	(b)	.24- .36- —	1878	Spain	177	(b)	M.	(b)	.60- .80- —
1868	Italy	610	(b)	M.	(b)	.29- .97- —	1879	N. J	318	17	(b)	30-62-51	1.00-3.25-1.79
1868	Italy	610	(b)	F.	(b)	.09½-.19- —	1879	Pa	384	1	M.	60-60-60	1.00-1.00-1.00
1869	Mass	266	1	(b)	60-60-60	2.50-2.50-2.50	1879	France	499	(b)	M.	(b)	.51-1.74- —
1869	Brazil	609	(b)	(b)	(b)	.97-1.22- —	1880	France	500	(b)	M.	(b)	.54-1.74- —
1869	France	609	(b)	(b)	(b)	.77-1.54- —	1880	Norway	685	(b)	M.	(b)	.45- .80- —
1869	Germany	609	(b)	M.	(b)	.24- .97- —	1881	Conn	2	62	M.	60-60-60	2.00-2.25-2.13
1869	Germany	609	(b)	F.	(b)	.14- .40- —	1881	N. J	320	1	M.	60-60-60	2.00-2.00-2.00
1869	Greece	609	(b)	(b)	(b)	.34- .34- .34	1881	France	501	(b)	M.	(b)	.54-1.74- —
1869	Spain	609	(b)	(b)	(b)	.56- .81- —	1882	Conn	2	140	(b)	60-60-60	2.00-2.00-2.00
1870	Brazil	610	(b)	(b)	(b)	e1.58-1.58-1.58	1882	Mo	294	4	M.	(b)	2.00-5.00-2.75
1870	Germany	610	(b)	M.	72-72-72	.24- .97- —	1882	France	502	(b)	M.	(b)	.55-1.74- —
1870	Germany	610	(b)	M.	72-72-72	e1.01-1.22- —	1882	Germany	554	(b)	(b)	54-54-54	.95-1.59- —
1870	Germany	610	(b)	F.	72-72-72	.11- .40- —	1883	Conn	2	15	M.	60-60-60	2.00-2.00-2.00
1870	Italy	610	(b)	(b)	(b)	.29- .58- —	1883	Mich	277	6	M.	(b)	1.75-4.00-2.54
1870	Norway	610	(b)	M.	(b)	.45- .72- —	1883	N. J	322	95	M.	f36-60-59	1.50-5.83-1.97
1870	Spain	610	(b)	M.	(b)	.53- .91- —	1883	France	503	(b)	M.	(b)	.55-1.74- —
1871	Aust-Hun	611	(b)	M.	(b)	.24- .24- .24	1883	Germany	555	(b)	(b)	66-66-66	.79-1.43- —
1871	England	629	(b)	(b)	60-60-60	1.42-1.42-1.42	1883	Ireland	43	(b)	(b)	(b)	1.42-1.42-1.42
1871	France	712	(b)	M.	(b)	.58-1.25- —	1884	N. J	323	195	M.	48-60-60	1.17-2.50-1.78
1871	Germany	185	(b)	M.	(b)	.18- .66- —	1884	Aust-Hun	178	(b)	M.	60-72 —	.29-1.87- —
1871	Germany	185	(b)	M.	(b)	e .16- .24- —	1884	Aust-Hun	178	(b)	F.	72-72-72	.18- .40- —
1871	Italy	610	(b)	M.	(b)	.24- .43- —	1884	Belgium	178	(b)	M.	g60-72 —	.29-1.45- —
1871	Italy	610	(b)	F.	(b)	.14- .35- —	1884	Brazil	178	(b)	(b)	60-60-60	.43-2.15- —

a Not including hours of 1 person not reported.
b Not reported.
c Average for 1855-57.
d Average for 1858-60.
e And board and lodging.
f Not including hours of 2 persons not reported.
g Applies to but 4 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAT MAKERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Canada	178	(a) M.	54-60 —	1.17-3.33- —
1884 Canada	178	(a) F.	60-60-60	.50-1.00- —
1884 Canada	466	(a) M.	50-50-50	1.64-1.64-1.64
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.33-2.17- —
1884 Ceylon	178	(a) F.	53-53-53	.05- .08½- —
1884 China	178	(a) M.	60-60-60	*b* .19- .23- —
1884 Colombia	178	(a) (a)	60-60-60	.32-1.29- —
1884 Cuba	178	(a) M.	*c* 59-59-59	.93-2.22- —
1884 Denmark	178	(a) M.	60-60-60	.45-1.21- —
1884 Ecuador	178	(a) M.	60-60-60	1.17-1.50- —
1884 England	178	(a) M.	*d* 53-57 —	.73-2.43- —
1884 France	178	(a) M.	*e* 60-66 —	.58-1.16- —
1884 France	178	(a) F.	(a)	.34- .39- —
1884 France	178	(a) (a)	(a)	.10- .29- —
1884 France	604	(a) M.	(a)	.55-1.74- —
1884 Germany	178	(a) M.	*f* 60-72 —	.28-1.19- —
1884 Germany	178	(a) F.	(a)	.36- .48- —
1884 Germany	556	(a) (a)	54-64 —	.60-1.19- —
1884 Gibraltar	178	(a) M.	56-56-56	.50- .83- —
1884 Ireland	178	(a) M.	*c* 56-56-56	.81-1.22- —
1884 Italy	178	(a) M.	*g* 60-72 —	.29- .97- —
1884 Madeira Is	178	(a) M.	54-54-54	.85- .85- .85
1884 Mexico	178	(a) (a)	*h* 60-60-60	.33-2.00- —
1884 Netherl'ds	178	(a) M.	60-63 —	.52- .80- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.70-2.19- —
1884 Persia	178	(a) (a)	(a)	.65- .65- .65
1884 Peru	178	(a) M.	(a)	1.50-1.50-1.50
1884 Philip. Is.	178	(a) M.	(a)	.75-1.00- —
1884 Russia	178	(a) M.	60-78 —	.25-1.44- —
1884 Russia	178	(a) M.	72-72-72	*i* .22-1.10- —
1884 Scotland	178	(a) M.	*j* 51-54 —	.81-1.62- —
1884 Spain	178	(a) M.	60-72 —	.40-1.50- —
1884 Switzerl'd.	178	(a) (a)	*k* 60-66 —	.09½-1.16- —
1884 Turk. in A.	178	(a) (a)	66-66-66	.41-1.02- —
1884 Venezuela	178	(a) (a)	*l* 60-60-60	1.93-3.67- —
1885 N. J	1	70 M.	60-60-60	2.33-2.33-2.33
1885 N. J	7	16 M.	(a)	1.17-2.50-1.93
1885 N. J	324	74 M.	42-60-60	.67-2.75-2.16
1885 N. Y	7	5 M.	60-60-60	1.67-1.67-1.67
1885 N. Y	330	225 F.	(a)	.67-1.00- .85
1885 Canada	467	(a) M.	55-58 —	1.48-1.66- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 England	575	(a) M.	56-66 —	1.05-1.42- —
1885 France	494	(a) M.	(a)	.71-1.25- —
1885 Germany	71	(a) M.	66-66-66	.83- .83- .83
1885 Germany	547	(a) M.	(a)	.60-1.43- —
1885 Norway	686	(a) M.	(a)	.54- .66- —
1886 Cal	193	5 M.	60-60-60	5.00-5.00-5.00
1886 Md	7	15 M.	60-60-60	1.00-2.50-1.70
1886 Mo	3	1 F.	60-60-60	.67- .67- .67
1886 N. J	325	1 M.	57-57-57	2.67-2.67-2.67
1886 N. Y	3	2 F.	53-53-53	.83-1.67-1.25
1886 Pa	3	1 F.	49-49-49	.83- .83- .83
1886 Aust-Hun	184	(a) (a)	(a)	.65- .81- —
1886 France	495	(a) M.	(a)	.71-1.25- —
1886 Germany	548	(a) (a)	(a)	.71-1.59- —
1886 Ireland	67	(a) (a)	(a)	1.10-1.10-1.10
1887 Conn	202	2 M.	(a)	1.86-3.16-2.51
1887 Ill	3	2 F.	48-52-50	1.42-1.50-1.46
1887 Md	3	2 F.	60-66-63	.83-1.00- .92
1887 Mass	3	11 F.	50-53-52	.92-3.17-1.64
1887 Ohio	3	8 F.	48-54-50	.67-1.67-1.14
1887 Ohio	369	8 M.	60-60-60	3.00-4.00-3.88
1887 Ohio	369	1 F.	60-60-60	1.50-1.50-1.50
1887 Pa	390	2 M.	60-60-60	3.00-5.00-4.00
1887 Australia	420	(a) (a)	(a)	2.15-2.84- —
1887 France	495	(a) M.	(a)	.71-1.25- —
1887 Germany	557	(a) (a)	*n* 63-63-63	.79-1.43- —
1888 N. J	326	987 M.	*o* 54-66-60	1.50-3.33-2.26
1888 N. J	326	1 F.	54-54-54	1.20-1.20-1.20
1888 N. Y	331	137 M.	*p* 55-55-55	2.17-4.12-3.09
1888 N. Y	331	2 F.	44-44-44	2.00-2.00-2.00
1888 Ohio	3	1 F.	48-48-48	1.42-1.42-1.42
1888 Australia	421	(a) M.	(a)	2.15-2.84- —
1888 Aust-Hun	447	(a) M.	(a)	.11- .57- —
1888 Germany	558	(a) (a)	57-63 —	.60-1.43- —
1889 Australia	422	(a) M.	54-54-54	1.95-2.43- —
1889 Canada	471	(a) M.	56-56-56	1.35-1.35-1.35
1889 China	88	(a) (a)	(a)	.12- .12- .12
1889 Italy	521	(a) M.	69-69-69	.97- .97- .97
1889 Italy	521	(a) (a)	*n* 69-69-69	.39- .58- —
1889 Norway	518	(a) M.	(a)	.54- .54- .54
1889 Portugal	691	(a) (a)	(a)	.04-2.70- —
1890 N. Y	333	43 M.	(a)	1.06-1.55-1.29
1890 Australia	423	(a) (a)	54-54-54	1.95-2.43- —
1890 Netherl'ds	666	(a) M.	72-72-72	.72-1.01- —
1890 Norway	686	(a) M.	(a)	.57- .74- —
1891 Australia	134	(a) M.	(a)	2.31-2.31-2.31
1891 Belgium	457	(a) M.	60-60-60	.68- .97- —
1891 Belgium	632	(a) M.	(a)	.39-1.16- —
1891 Belgium	632	(a) F.	(a)	.29- .58- —
1891 China	105	(a) (a)	(a)	.23- .23- .23
1891 France	505	(a) M.	56-56-56	.77-1.45- —
1891 France	522	(a) M.	(a)	.71-1.25- —
1891 Germany	551	(a) (a)	(a)	.83-2.06- —
1892 Cal	196	3 M.	*q* 51-51-51	1.50-2.00-1.83
1892 Cal	196	7 F.	51-51-51	.33-1.67-1.00
1892 England	577	(a) M.	56-56-56	1.14-1.14-1.14
1892 England	577	(a) F.	56-56-56	.57- .57- .57
1892 France	505	(a) M.	57-66 —	.39-1.54- —
1892 France	505	(a) F.	57-60 —	.19- .48- —
1892 Germany	184	(a) M.	(a)	.95- .95- .95
1892 Italy	112	(a) M.	66-66-66	.50-1.00- —
1892 Spain	115	(a) M.	(a)	.60-1.20- —
1893 Ill	10	4 M.	50-60-55	1.33-1.67-1.42
1893 Ill	10	1 F.	50-50-50	.83- .83- .83
1893 Md	10	3 M.	60-60-60	1.50-3.00-2.11
1893 Md	10	2 F.	60-60-60	.67-1.25- .96
1893 Mo	302	35 M.	48-48-48	2.50-2.50-2.50
1893 N. Y	10	19 M.	48-72-60	1.17-8.33-2.75
1893 N. Y	10	1 F.	48-48-48	.75- .75- .75
1893 Ohio	374	7 M.	*r* 48-48-48	1.58-3.50-1.97
1893 Ohio	374	4 F.	(a)	1.07-1.07-1.07
1893 Pa	10	16 M.	55-78-60	1.17-6.67-2.23
1893 Pa	10	2 F.	60-60-60	1.00-1.17-1.09
1893 Aust-Hun	448	(a) M.	66-66-66	.20-1.22- —
1893 England	578	(a) M.	56-56-56	.81-1.42- —
1893 France	507	(a) (a)	60-72 —	.77- .77- .77
1894 Ind	228	13 (a)	59-59-59	.76- .76- .76
1894 Ohio	374	1 M.	(a)	2.50-2.50-2.50
1894 Ohio	375	12 M.	*s* 36-60-54	1.62-2.50-1.92
1894 Ohio	375	3 F.	(a)	1.11-1.11-1.11
1894 France	129	(a) M.	60-60-60	.91- .91- .91
1894 France	129	(a) F.	60-60-60	.39- .39- .39
1895 N. Y	7	9 M.	60-60-60	2.00-2.00-2.00
1895 Ohio	376	10 M.	*r* 60-60-60	1.80-3.00-2.25

a Not reported.
b And provisions.
c Applies to but 2 of the 3 wage quotations.
d Applies to but 6 of the 20 wage quotations.
e Applies to but 7 of the 9 wage quotations.
f Applies to but 48 of the 56 wage quotations.
g Applies to but 16 of the 22 wage quotations.
h Applies to but 6 of the 10 wage quotations.
i And board and lodging.
j Applies to but 4 of the 7 wage quotations.
k Applies to but 5 of the 8 wage quotations.
l Applies to but 2 of the 4 wage quotations.
n Applies to but 1 of the 2 wage quotations.
o Not including hours of 979 persons not reported.
p Not including hours of 10 persons not reported.
q Not including hours of 2 persons not reported.
r Not including hours of 5 persons not reported.
s Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HAT MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Ohio	376	3 F.	(a)	1.49-1.49-1.49	1896 France	505	(a) M.	60-66 —	0.58-1.06- —
1895 Wis	413	4 (a)	30-60-53	2.25-2.50-2.44	1896 France	505	(a) F.	48-66 —	.39- .48- —
1895 Aust-Hun	435	(a) (a)	60-60-60	.68-1.35- —	1896 Germany	560	(a) M.	57-57-57	.95- .95- .95
1895 Norway	687	(a) M.	(a)	.54- .72- —	1896 Mexico	184	(a) (a)	(a)	.38-1.27- —
1895 Spain	133	(a) M.	(a)	.60-1.20- —	1896 Persia	184	(a) (a)	(a)	.30- .30- .30
1896 Conn	8	2 M.	60-60-60	3.00-3.25-3.13	1897 Conn	204	25 M.	26-50-42	.83-2.50-1.79
1896 Md	7	45 M.	60-60-60	1.00-2.75-1.75	1897 N. Y	337	306 M.	d36-60-39	1.50-4.00-2.43
1896 Ohio	377	6 M.	b60-60-60	1.00-1.46-1.31	1897 England	587	(a) M.	(a)	1.30-1.30-1.30
1896 Ohio	377	4 F.	c48-48-48	1.00-1.31-1.23	1898 N. Y	338	277 M.	48-60-53	1.50-3.50-2.62
1896 Aust-Hun	184	(a) (a)	(a)	.81-1.02- —	1898 Denmark	493	(a) M.	e60-60-60	.72-1.34- —
1896 Aust-Hun	436	(a) M.	60-63 —	.74-1.86- —	1898 Denmark	493	(a) F.	48-48-48	.40- .45- —
1896 France	184	(a) (a)	(a)	1.60-1.60-1.60					

HEADERS, MEAT PACKING.

1892 Kans	246	6 M.	60-60-60	2.10-3.00-2.39	1895 Ill	8	8 M.	60-60-60	1.50-3.00-2.25		

HEAD FEEDERS, COPPER MINING.

1888 Mich	280	27 M.	60-72-61	1.27-1.65-1.53	....	.....	....	....	...	.....	.....

HEADING CUTTERS, COAL MINING.

1889 Ala	5	66 M.	48-48-48	2.50-3.00-2.68	1889 Germany	534	(a) (a)	(a)	.79- .79- .79		
1889 Ohio	5	15 M.	48-60-51	2.00-2.73-2.27	1890 Ala	5	20 M.	60-60-60	2.50-2.50-2.50		
1889 Pa	5	26 M.	48-60-59	1.50-3.33-2.39	1890 Germany	5	(a) M.	48-48-48	.75- .75- .75		
1889 Belgium	5	(a) M.	60-60-60	.74- .87- —	1891 Belgium	457	(a) M.	(a)	1.14-1.14-1.14		

HEADING MAKERS, COOPERAGE.

1882 Ohio	364	18 (a)	60-60-60	1.25-2.00-1.48	1894 N. H	316	1 M.	60-60-60	2.00-2.00-2.00		
1887 Ohio	369	4 M.	60-60-60	2.00-2.25-2.06	1894 Ohio	375	10 M.	60-60-60	1.25-1.50-1.30		
1888 Me	254	1 M.	60-60-60	1.50-1.50-1.50	1895 Mo	304	2 M.	(a)	1.30-1.82-1.56		
1888 Canada	470	(a) M.	54-55 —	.61-1.19- —	1895 Ohio	376	1 M.	60-60-60	1.21-1.21-1.21		
1893 Ohio	374	3 M.	60-60-60	1.50-2.00-1.67	1896 Ohio	377	14 M.	60-60-60	1.20-1.25-1.20		

HEAD RUNNERS, COPPER MINING.

1888 Mich	280	14 M.	60-60-60	1.53-1.92-1.74	....	.....	....	....	...	.....	.....

HEARTERS, BROOMS.

1881 N. Y	8	3 M.	54-60-56	.58- .75- .69	1891 N. Y	333	3 M.	(a)	1.00-1.00-1.00		
1890 N. Y	333	3 M.	(a)	1.00-1.00-1.00	1895 N. Y	8	11 M.	60-60-60	1.25-1.25-1.25		

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 104 persons not reported.
e Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEATERS' HELPERS, IRON AND STEEL PRODUCTS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1874	Pa	380	1	M.	(a)	1.75-1.75-1.75
1876	Pa	381	55	M.	(a)	.50-2.60-1.64
1885	N. Y.	1	32	M.	60-60-60	1.75-1.75-1.75
1885	Ohio	1	13	M.	60-60-60	1.70-1.70-1.70
1885	Pa	1	36	M.	60-60-60	1.85-1.85-1.85
1887	Ohio	369	292	M.	60-60-60	1.25-2.60-1.89
1888	N. J	326	69	M.	(a)	1.37-1.83-1.69
1889	Ohio	5	6	M.	72-72-72	2.68-2.68-2.68
1892	France	505	(a)	M.	72-72-72	.77- .91- —
1897	Va	404	15	M.	54-54-54	1.15-1.60-1.42
1897	France	511	(a)	M.	72-72-72	1.66-1.66-1.66

HEATERS' HELPERS, ROLLING MILL.

1840	N. Y.	190	6	M.	60-60-60	.75-1.25- .92
1841	N. Y.	190	8	M.	60-60-60	.75-1.00- .84
1842	N. Y.	190	2	M.	60-60-60	.88- .88- .88
1843	N. Y.	190	4	M.	60-60-60	.75- .75- .75
1844	N. Y.	190	8	M.	60-60-60	.75- .88- .78
1845	N. Y.	190	8	M.	60-60-60	.75- .88- .84
1846	N. Y.	190	10	M.	60-60-60	.75-1.00- .90
1847	N. Y.	190	15	M.	60-60-60	.83-1.00- .92
1847	England	572	(a)	(a)	72-72-72	.97-1.22- —
1848	N. Y.	190	3	M.	60-60-60	.88- .88- .88
1848	England	572	(a)	(a)	72-72-72	.81- .97- —
1849	N. Y.	190	11	M.	60-60-60	.75-1.00- .91
1849	England	572	(a)	(a)	72-72-72	.73- .89- —
1850	N. Y.	190	11	M.	60-60-60	.88-1.00- .94
1851	N. Y.	190	16	M.	60-60-60	.75-1.00- .92
1852	N. Y.	190	2	M.	60-60-60	.88- .88- .88
1853	N. Y.	190	14	M.	60-60-60	.88-1.63-1.06
1854	N. Y.	190	14	M.	60-60-60	1.00-1.13-1.07
1855	N. Y.	190	28	M.	60-60-60	.81-1.13-1.03
1856	N. Y.	190	17	M.	60-60-60	.84-1.25-1.01
1857	N. Y.	190	22	M.	60-60-60	.81-1.06- .98
1858	N. Y.	190	9	M.	60-60-60	.94-1.13- .98
1859	N. Y.	190	30	M.	60-60-60	.81-1.00- .90
1860	N. Y.	190	21	M.	60-60-60	.75-2.50-1.17
1861	N. Y.	190	16	M.	60-60-60	.88-2.50-1.08
1862	N. Y.	190	33	M.	60-60-60	.88-2.50-1.16
1863	N. Y.	190	29	M.	60-60-60	1.00-1.50-1.25
1864	N. Y.	190	23	M.	60-60-60	1.25-2.50-1.64
1865	N. Y.	190	10	M.	60-60-60	1.75-2.25-1.88
1866	N. Y.	190	13	M.	60-60-60	1.75-2.25-1.83
1867	N. Y.	190	9	M.	60-60-60	1.75-2.25-1.86
1869	N. Y.	190	6	M.	60-60-60	1.75-1.75-1.75
1870	N. Y.	190	16	M.	60-60-60	1.75-2.25-1.92
1871	N. Y.	190	35	M.	60-60-60	1.50-2.13-1.81
1872	N. Y.	190	39	M.	60-60-60	1.75-2.66-2.03
1873	N. Y.	190	41	M.	60-60-60	1.38-2.66-2.01
1874	N. Y.	190	10	M.	60-60-60	1.50-1.75-1.70
1874	Pa	380	119	M.	(a)	1.50-3.00-2.04
1875	N. Y.	190	20	M.	60-60-60	1.40-1.63-1.56
1875	Pa	380	8	M.	(a)	1.90-2.10-1.95
1876	N. Y.	190	8	M.	60-60-60	1.20-1.40-1.38
1876	Pa	381	222	M.	(a)	.50-2.50-1.68
1876	Pa	382	46	M.	(a)	1.50-2.25-1.58
1877	N. Y.	190	9	M.	60-60-60	1.40-1.50-1.42
1877	Ohio	359	56	M.	(a)	1.25-3.50-2.05
1878	N. Y.	190	21	M.	60-60-60	1.25-1.50-1.36
1878	Pa	383	191	M.	b48-72-65	1.10-2.75-1.45
1879	N. Y.	190	21	M.	60-60-60	1.00-2.50-1.37
1879	Pa	384	157	M.	c60-72-62	1.46-2.25-1.72
1880	N. Y.	190	21	M.	60-60-60	1.25-2.25-1.60
1881	N. Y.	190	31	M.	60-60-60	1.38-2.25-1.64
1882	N. Y.	190	17	M.	60-60-60	1.50-2.25-1.68
1883	N. Y.	190	5	M.	60-60-60	1.45-1.60-1.48
1883	Ohio	365	1	M.	60-60-60	2.29-2.29-2.29
1884	N. J	323	44	M.	d54-54-54	1.42-2.00-1.95
1884	N. Y.	190	3	M.	60-60-60	1.30-1.50-1.37
1884	Canada	178	(a)	(a)	60-60-60	2.83-3.33- —
1884	Canada	466	(a)	M.	68-68-68	1.30-1.30-1.30
1884	England	178	(a)	M.	72-72-72	1.02-1.02-1.02
1885	Del	1	2	M.	60-60-60	1.70-1.70-1.70
1885	Ill	1	24	M.	60-60-60	1.80-2.75-2.47
1885	Ind	1	9	M.	60-60-60	1.60-1.60-1.60
1885	Ky.	1	3	M.	60-60-60	1.65-2.75-2.30
1885	N. Y.	1	15	M.	60-72-68	1.75-2.50-2.27
1885	N. Y.	190	13	M.	60-60-60	1.17-2.50-1.48
1885	Ohio	1	147	M.	60-72-61	1.26-2.50-1.71
1885	Pa	1	43	M.	48-60-48	1.35-2.25-2.02
1885	Va	1	31	M.	48-60-55	1.23-1.60-1.50
1885	W. Va	1	7	M.	60-60-60	1.75-1.75-1.75
1885	Belgium	1	(a)	M.	63-63-63	.70-1.00- —
1886	N. J	325	10	M.	60-60-60	1.33-1.58-1.42
1886	N. Y.	190	15	M.	60-60-60	1.17-2.50-1.45
1886	France	66	(a)	M.	(a)	.85- .96- —
1886	Spain	66	(a)	M.	(a)	.85- .96- —
1887	N. Y.	190	13	M.	60-60-60	1.43-1.65-1.51
1887	Ohio	369	100	M.	57-60-60	2.00-2.25-2.04
1887	Pa	390	56	M.	(a)	2.06-3.84-3.32
1887	Wis	409	28	M.	(a)	2.50-2.50-2.50
1888	N. Y.	190	8	M.	60-60-60	1.13-2.50-1.81
1888	N. Y.	331	26	M.	e54-70-65	1.45-2.88-2.11
1888	W. Va	5	6	M.	66-66-66	2.25-2.62-2.38
1888	England	5	(a)	M.	f66-66-66	.49-1.34- —
1889	Ala	5	7	M.	(a)	.61- .63- .62
1889	Del	5	4	M.	60-60-60	1.46-1.46-1.46
1889	Ill	5	97	M.	g60-72-72	1.75-3.32-2.36
1889	Ind	5	4	M.	66-72-69	1.41-2.00-1.77
1889	Md.	5	6	M.	60-60-60	2.33-2.33-2.33
1889	N. Y.	5	117	M.	h60-72-66	1.24-3.90-2.06
1889	N. Y.	190	10	M.	60-60-60	1.25-2.00-1.61
1889	Ohio	5	74	M.	i48-66-56	1.00-3.64-2.23
1889	Pa	5	81	M.	j55-66-61	1.29-2.70-2.28
1889	Tenn.	5	9	M.	k72-72-72	1.50-1.67-1.61
1889	Va	5	1	M.	(a)	.75- .75- .75
1889	W. Va	5	18	M.	l66-66-66	2.15-4.67-3.34
1889	Belgium	5	(a)	M.	n 60-72 —	.64-1.00- —
1889	Canada	471	(a)	M.	60-60-60	1.89-1.89-1.89
1889	England	5	(a)	M.	o66-66-66	.49-1.28- —
1889	France	5	(a)	M.	60-72 —	.94-1.00- —
1889	Germany	5	(a)	M.	p72-72-72	.36- .79- —
1889	Italy	5	(a)	M.	(a)	.68- .94- —
1889	Scotland	5	(a)	M.	66-66-66	.95-3.65- —
1890	Ala	5	1	M.	55-55-55	2.33-2.33-2.33
1890	N. Y.	190	13	M.	60-60-60	1.25-1.75-1.50
1891	N. Y.	190	2	M.	60-60-60	1.50-1.70-1.60

a Not reported.
b Not including hours of 67 persons not reported.
c Not including hours of 143 persons not reported.
d Not including hours of 40 persons not reported.
e Not including hours of 7 persons not reported.
f Applies to but 1 of the 7 wage quotations.
g Not including hours of 4 persons not reported.
h Not including hours of 17 persons not reported.
i Not including hours of 24 persons not reported.
j Not including hours of 27 persons not reported.
k Not including hours of 6 persons not reported.
l Not including hours of 8 persons not reported.
n Applies to but 8 of the 25 wage quotations.
o Applies to but 5 of the 8 wage quotations.
p Applies to but 2 of the 10 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEATERS' HELPERS, ROLLING MILL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1891 N. Y.	333	7 M.	(a)	1.75-2.00-1.82
1891 France	505	(a) M.	72-72-72	.97-1.16- —
1892 Mo	301	18 M.	48-48-48	2.00-2.00-2.00
1892 Ohio	373	180 M.	b 54-66-59	1.50-5.00-2.40
1892 Scotland	632	(a) M.	(a)	1.42-2.43- —
1895 Ohio	376	373 M.	48-72-59	1.00-4.50-2.17
1896 Pa	8	7 M.	60-72-70	1.75-2.50-2.39
1897 Ohio	377	419 (a)	48-72-57	1.25-5.27-2.07
1897 Pa	395	4 M.	(a)	1.58-1.62-1.60
1898 Ohio	18	35 M.	(a)	1.50-4.50-2.89
1898 Pa	18	68 M.	(a)	1.10-2.70-1.95
1899 Ohio	18	41 M.	(a)	2.00-7.00-3.30
1899 Pa	18	84 M.	(a)	1.00-3.20-2.37

HEATERS, IRON AND STEEL PRODUCTS.

1850	Pa	8	2	M.	60-60-60	1.50-1.50-1.50	1887	R. I	396	2	M.	60-60-60	2.25-3.25-2.75
1850	Pa	8	1	M.	60-60-60	c .58- .58- .58	1887	Canada	469	(a)	M.	54-54-54	1.45-1.75- —
1861	England	564	(a)	M.	60-60-60	.24- .28- —	1888	N. J	326	36	M.	g 72-72-72	2.08-5.30-3.63
(d)	England	567	(a)	M.	59-59-59	.28- .49- —	1888	N. Y.	331	8	M.	(a)	1.75-3.00-2.84
1874	Pa	380	2	M.	(a)	2.50-3.50-3.00	1888	Ohio	370	496	M.	(a)	1.50-10.00-4.79
1874	Scotland	569	(a)	M.	51-51-51	.32- .32- .32	1888	R. I	397	6	M.	(a)	2.25-4.50-3.54
1876	Pa	381	19	M.	(a)	2.00-5.00-4.24	1889	Mo	5	18	M.	(a)	1.25-4.50-2 13
1877	Ireland	570	(a)	M.	54-54-54	.28- .28- .28	1889	Ohio	5	6	M.	72-72-72	4.89-4.89-4.89
1877	Scotland	570	(a)	M.	(a)	.32- .32- .32	1889	England	5	(a)	M.	66-66-66	1.42-1.42-1.42
1878	Pa	383	3	M.	60-60-60	1.00-3.00-1.67	1890	N. Y.	333	1	M.	(a)	1.00-1.00-1.00
1879	Pa	384	22	(a)	60-78-62	1.75-3.00-2.56	1891	N. Y.	333	30	M.	(a)	1.10-2.50-1.83
1881	Ohio	363	5	M.	e 60-60-60	1.50-3.25-2.90	1891	Belgium	457	(a)	M.	66-66-66	.29- .29- .29
1882	Mo	294	1	M.	48-48-48	3.75-3.75-3.75	1891	France	505	(a)	M.	66-70 —	.77-1.39- —
1882	Ohio	364	6	(a)	52-66-59	3.00-5.00-4.10	1892	France	505	(a)	M.	63-72 —	.82-1.45- —
1883	England	572	(a)	M.	50-50-50	.34- .34- .34	1893	Ohio	374	9	M.	60-60-60	1.00-6.50-3.58
1883	Gr't Brit	273	(a)	M.	(a)	.33- .49- —	1894	Ind	228	6	M.	48-60-58	2.25-7.50-5.46
1884	England	178	(a)	M.	53-53-53	.45- .45- .45	1894	N. Y.	8	1	M.	60-60-60	1.50-1.50-1.50
1884	Scotland	178	(a)	M.	54-54-54	.36- .69- —	1894	Ohio	375	15	M.	60-60-60	.75-4.25-2.53
1885	Ill.	1	1	M.	60-60-60	1.75-1.75-1.75	1894	W. Va	406	1	M.	48-48-48	1.44-1 44-1.44
1885	Mich	1	53	M.	60-60-60	1.25-2.25-1.45	1894	Aust-Hun.	434	(a)	M.	60-60-60	.57- .61- —
1885	N. Y.	1	86	M.	60-60-60	1.50-4.23-2.81	1895	Ohio	376	13	M.	45-60-48	1.50-2.25-1.65
1885	Ohio	1	14	M.	60-60-60	5.00-8.00-6.50	1895	Pa	8	2	M.	54-54-54	2.50-2.50-2.50
1885	Pa	1	18	M.	60-60-60	6.00-6.00-6.00	1896	Conn	8	1	M.	60-60-60	2.25-2.25-2.25
1886	Belgium	456	(a)	(a)	(a)	.54-1.54- —	1896	Ill	8	3	M.	60-60-60	1.00-1.50-1.33
1886	Italy	633	(a)	M.	60-60-60	.39- .44- —	1896	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1887	Conn	4	1	M.	(a)	1.35-1.35-1.35	1896	Ohio	377	43	M.	48-60-51	1.00-1.90-1.80
1887	Conn	202	7	M.	(a)	3.41-3.41-3.41	1896	France	510	(a)	(a)	60-66 —	.64-2.09- —
1887	Md.	4	3	M.	(a)	1.35-1.65-1.55	1897	N. Y.	8	1	M.	60-60-60	2.00-2.00-2.00
1887	N. Y.	4	6	M.	(a)	1.48-2.50-2.00	1897	Va	404	5	M.	54-54-54	2.30-3.00-2.72
1887	Ohio	4	355	M.	48-60-60	1.50-10.00-4.55	1897	France	511	(a)	M.	72-72-72	.77-2.55- —
1887	Pa	4	3	M.	(a)	f .20- .20- .20							

HEATERS, ROLLING MILL.

1837	Gr't Brit	625	(a)	M.	(a)	1.46-1.46-1.46	1863	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00
1838	Gr't Brit	625	(a)	M.	(a)	1.56-1.56-1.56	1864	N. Y.	190	3	M.	60-60-60	3.06-5.00-3.67
1839	Gr't Brit	625	(a)	M.	(a)	1.56-1.56-1.56	1865	N. Y.	190	1	M.	60-60-60	5.00-5.00-5.00
1840	N. Y.	190	2	M.	60-60-60	3.00-3.00-3.00	1865	England	627	(a)	M.	63-63-63	.36- .36- .36
1840	Gr't Brit	625	(a)	M.	(a)	1.41-1.41-1.41	1869	N. Y.	190	2	M.	60-60-60	3.75-3.75-3.75
1841	Gr't Brit	625	(a)	M.	(a)	1.28-1.28-1.28	1870	England	45	(a)	M.	(a)	2.43-2.43-2.43
1843	N. Y.	190	1	M.	60-60-60	3.50-3.50-3.50	1871	Mass	267	4	M.	60-60-60	3.50-3.50-3.50
1847	England	572	(a)	(a)	72-72-72	1.95-2.43- —	1871	N. Y.	190	1	M.	60-60-60	4.25-4.25-4.25
1848	England	572	(a)	(a)	72-72-72	1.46-1.95- —	1871	England	568	(a)	M.	60-60-60	.97- .97- .97
1849	England	572	(a)	(a)	72-72-72	1.22-1.70- —	1871	England	629	(a)	(a)	59-59-59	1.44-2.74- —
1850	England	45	(a)	M.	(a)	2.43-2.43-2.43	1872	N. Y.	190	2	M.	60-60-60	5.00-5.00-5.00
1858	N. Y.	190	2	M.	60-60-60	.81- .81- .81	1872	Ohio	359	4	M.	(a)	6.00-8.33-7.13
1860	N. Y.	190	3	M.	60-60-60	3.00-3.00-3.00	1872	Pa	185	10	M.	60-60-60	5.50-5.50-5.50
1860	England	45	(a)	M.	(a)	2.03-2.03-2.03	1873	N. Y.	190	3	M.	60-60-60	4.50-5.00-4.83
1861	N. Y.	190	1	M.	60-60-60	3.00-3.00-3.00	1874	Pa	380	177	M.	(a)	2.50-5.00-3.74
1862	N. Y.	190	3	M.	60-60-60	3.00-3.00-3.00	1874	Scotland	569	(a)	M.	51-51-51	1.22-1.22-1.22

a Not reported.
b Not including hours of 20 persons not reported.
c And board.
d Average for 1867–68.
e Not including hours of 4 persons not reported.
f Per hour.
g Not including hours of 35 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEATERS, ROLLING MILL—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Pa	380	2 M.	(a)	4.20-4.20-4.20
1876 Pa	381	247 M.	(a)	2.14-6.25-3.51
1876 Pa	382	64 M.	(a)	3.10-4.00-3.30
1877 Ohio	359	64 M.	b60-72-66	2.33-8.00-4.72
1877 England	45	(a) M.	(a)	2.64-2.64-2.64
1878 Ohio	360	88 M.	(a)	3.10-7.50-4.22
1878 Pa	383	146 M.	c48-72-63	1.75-5.50-3.44
1879 Ohio	361	116 M.	(a)	3.25-7.50-4.63
1879 Pa	384	105 M.	d60-72-62	1.07-8.00-3.64
1880 N. Y	190	1 M.	60-60-60	3.00-3.00-3.00
1880 Ohio	362	151 M.	(a)	3.00-8.33-4.61
1880 Pa	385	7 M.	54-66-61	3.20-8.00-4.69
1881 N. Y	190	7 M.	60-60-60	4.00-4.00-4.00
1881 Ohio	363	140 M.	44-60-58	3.33-5.83-4.61
1881 Pa	386	8 M.	e48-72-58	3.00-6.30-4.59
1882 N. Y	190	1 M.	60-60-60	3.00-3.00-3.00
1882 Pa	2	2 M.	60-60-60	4.50-4.50-4.50
1883 N. J	322	28 M.	f60-72-71	3.00-5.83-4.33
1883 N. Y	190	1 M.	60-60-60	3.50-3.50-3.50
1883 Ohio	365	11 M.	50-72-58	2.50-5.83-4.39
1883 England	45	(a) M.	(a)	2.03-2.03-2.03
1884 Ill	207	2 M.	(a)	6.00-8.00-7.00
1884 N. J	323	68 M.	g54-72-62	1.35-6.00-2.79
1884 N. Y	190	1 M.	60-60-60	3.00-3.00-3.00
1884 Ohio	366	327 M.	h57-57-57	3.00-8.33-4.59
1884 Ohio	367	197 M.	48-66-58	2.50-7.50-4.36
1884 Belgium	178	(a) M.	60-60-60	1.30-1.50- —
1884 Canada	466	(a) M.	66-66-66	3.16-3.16-3.16
1884 England	178	(a) M.	i72-72-72	2.03-3.88- —
1885 Del	1	2 M.	60-60-60	3.00-3.00-3.00
1885 Ill	1	20 M.	60-60-60	4.15-6.25-5.25
1885 Ind	1	12 M.	60-60-60	4.00-4.50-4.17
1885 Ky	1	13 M.	60-60-60	4.25-8.00-5.56
1885 N. J	324	7 M.	66-66-66	1.83-2.10-1.99
1885 N. Y	1	15 M.	60-72-68	3.50-5.00-4.60
1885 N. Y	190	1 M.	60-60-60	3.00-3.00-3.00
1885 Ohio	1	97 M.	60-72-63	2.00-7.00-4.31
1885 Ohio	367	187 M.	48-66-58	3.17-7.50-4.28
1885 Pa	1	15 M.	48-60-53	4.68-6.00-5.07
1885 Va	1	54 M.	48-60-56	2.43-4.00-3.13
1885 W.Va	1	7 M.	60-60-60	4.50-4.50-4.50
1885 Belgium	1	(a) M.	63-63-63	1.40-1.40-1.40
1886 N. J	325	15 M.	60-60-60	1.98-3.17-2.53
1886 N. Y	190	2 M.	60-60-60	3.00-3.00-3.00
1886 France	66	(a) M.	(a)	1.11-1.41- —
1886 Spain	66	(a) M.	(a)	1.11-1.41- —
1886 Wales	604	(a) M.	(a)	1.39-1.39-1.39
1887 N. Y	190	2 M.	60-60-60	3.00-3.50-3.25
1887 Ohio	369	110 M.	48-60-60	1.50-8.00-5.50
1887 Pa	390	109 M.	(a)	4.22-9.95-5.32
1887 Wis	409	32 M.	(a)	3.50-7.00-6.80
1888 N. Y	190	3 M.	60-60-60	3.25-3.50-3.42
1888 N. Y	331	13 M.	54-70-67	3.25-4.03-3.97
1888 Tenn	5	6 M.	(a)	6.00-6.00-6.00
1888 W.Va	5	4 M.	66-66-66	2.77-3.18-2.98
1888 England	5	(a) M.	j66-66-66	.85-2.42- —
1889 Ala	5	7 M.	(a)	2.49-2.57-2.53
1889 Del	5	8 M.	60-60-60	2.28-2.28-2.28
1889 Ill	5	78 M.	k60-72-71	2.00-7.00-5.41
1889 Ind	5	4 M.	66-72-69	5.00-5.00-5.00
1889 Md	5	6 M.	60-60-60	4.67-4.67-4.67
1889 N. Y	5	65 M.	l 60-72-66	1.35-4.99-3.67
1889 N. Y	190	4 M.	60-60-60	3.25-3.60-3.51
1889 Ohio	5	64 M.	n48-72-57	1.00-7.50-5.32
1889 Pa	5	108 M.	o55-66-60	1.61-7.13-4.36
1889 Va	5	4 M.	55-55-55	5.50-5.50-5.50
1889 W.Va	5	10 M.	66-66-66	3.31-7.66-5.02
1889 Belgium	5	(a) M.	p 60-72 —	.65-1.72- —
1889 Canada	471	(a) M.	60-60-60	3.57-3.57-3.57
1889 England	5	(a) M.	q 66-72 —	.55-4.23- —
1889 France	5	(a) M.	r 60-72 —	.60-2.60- —
1889 Germany	5	(a) M.	(a)	.40-1.19- —
1889 Italy	5	(a) M.	(a)	1.46-1.60- —
1889 Scotland	5	(a) M.	66-66-66	2.43-6.08- —
1890 Ala	5	6 M.	55-60-56	1.83-7.33-4.08
1890 N. Y	190	4 M.	60-60-60	3.00-3.60-3.34
1891 N. Y	190	2 M.	60-60-60	3.25-3.50-3.38
1891 N. Y	333	20 M.	(a)	2.12-6.00-3.21
1891 Belgium	457	(a) M.	s 62-62-62	.55-1.37- —
1891 France	505	(a) M.	72-72-72	1.35-3.18- —
1892 Ind	227	9 M.	48-48-48	2.67-4.78-4.31
1892 Mo	301	22 M.	t 48-48-48	1.63-6.00-5.12
1892 Ohio	373	299 (a)	u48-66-54	1.85-15.00-5.25
1892 France	505	(a) M.	60-77 —	.58-2.90- —
1892 France	505	(a) M.	60-60-60	v .58- .63- —
1892 Scotland	632	(a) M.	(a)	2.43-4.06- —
1893 Ohio	376	8 M.	60-60-60	4.00-4.00-4.00
1894 Aust-Hun	434	(a) M.	72-72-72	2.03-2.03-2.03
1895 Mo	304	6 M.	(a)	1.08-2.70-1.39
1895 Ohio	376	643 M.	48-72-54	1.85-8.00-4.49
1895 Canada	187	(a) M.	60-78 —	2.00-5.50- —
1896 Pa	8	7 M.	60-72-70	3.50-5.00-4.79
1896 Pa	394	2 M.	60-60-60	2.32-3.00-2.66
1896 Mexico	184	(a) M.	(a)	1.50-2.50- —
1897 Ohio	377	638 (a)	48-72-53	1.30-12.75-4.40
1897 Pa	395	1 M.	(a)	2.01-2.01-2.01
1898 Ohio	18	28 M.	(a)	3.00-9.00-5.21
1898 Pa	18	58 M.	(a)	3.02-7.11-4.63
1899 Ohio	18	38 M.	(a)	3.83-12.00-6.62
1899 Pa	18	70 M.	(a)	3.50-8.57-6.25

HEATERS, RUBBER GOODS.

1883 N. J	7	1 M.	60-60-60	2.00-2.00-2.00	1888 N. Y	331	16 M.	(a)	1.25-1.25-1.25
1885 Mass	1	4 M.	60-60-60	2.50-2.50-2.50	1895 N. J	7	1 M.	60-60-60	2.08-2.08-2.08

a Not reported.
b Not including hours of 59 persons not reported.
c Not including hours of 47 persons not reported.
d Not including hours of 84 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 9 persons not reported.
g Not including hours of 20 persons not reported.
h Not including hours of 321 persons not reported.
i Applies to but 3 of the 4 wage quotations.
j Applies to but 16 of the 23 wage quotations.
k Not including hours of 18 persons not reported.
l Not including hours of 13 persons not reported.
n Not including hours of 23 persons not reported.
o Not including hours of 58 persons not reported.
p Applies to but 16 of the 64 wage quotations.
q Applies to but 12 of the 15 wage quotations.
r Applies to but 5 of the 17 wage quotations.
s Applies to but 4 of the 8 wage quotations.
t Not including hours of 1 person not reported.
u Not including hours of 10 persons not reported.
v And fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEAVERS-UP, ROLLING MILL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1840 N. Y.	190	2 M.	60-60-60	0.75-0.75-0.75
1841 Scotland	625	(a) (a)	(a)	.24- .41- —
1842 N. Y.	190	2 M.	60-60-60	.75- .75- .75
1843 N. Y.	190	2 M.	60-60-60	.75- .75- .75
1845 N. Y.	190	2 M.	60-60-60	.75- .75- .75
1846 N. Y.	190	5 M.	60-60-60	.75- .88- .80
1847 N. Y.	190	3 M.	60-60-60	.50- .88- .63
1848 N. Y.	190	2 M.	60-60-60	.88- .8[illegible]- .88
1849 N. Y.	190	10 M.	60-60-60	.50-1.. .81
1850 N. Y.	190	5 M.	60-60-60	.63- .88- .78
1851 N. Y.	190	4 M.	60-60-60	.50- .88- .75
1852 N. Y.	190	2 M.	60-60-60	.88- .88- .88
1853 N. Y.	190	7 M.	60-60-60	.50-1.00- .75
1854 N. Y.	190	13 M.	60-60-60	.63-1.13- .95
1855 N. Y.	190	12 M.	60-60-60	.69-1.00- .86
1856 N. Y.	190	2 M.	60-60-60	1.06-1.06-1.06
1857 N. Y.	190	9 M.	60-60-60	.50-1.06- .78
1858 N. Y.	190	6 M.	60-60-60	.56- .81- .69
1859 N. Y.	190	14 M.	60-60-60	.56- .94- .75
1860 N. Y.	190	13 M.	60-60-60	.59- .94- .79
1861 N. Y.	190	12 M.	60-60-60	.59- .94- .78
1862 N. Y.	190	13 M.	60-60-60	.59-1.00- .81
1863 N. Y.	190	7 M.	60-60-60	.75-1.13-1.04
1864 N. Y.	190	9 M.	60-60-60	1.13-1.50-1.29
1865 N. Y.	190	7 M.	60-60-60	1.50-1.50-1.50
1866 N. Y.	190	8 M.	60-60-60	1.50-1.50-1.50
1867 N. Y.	190	6 M.	60-60-60	1.50-1.50-1.50
1868 N. Y.	190	4 M.	60-60-60	1.38-1.38-1.38
1874 Pa	380	3 M.	(a)	1.10-1.50-1.37
1889 Pa	5	4 M.	(a)	1.50-2.00-1.83

HEDGERS, AGRICULTURE.

1725 England	185	(a) (a)	(a)	.20- .20- .20
1725 England	185	(a) (a)	(a)	b .12- .12- .12
1868 England	628	(a) M.	(a)	.53- .53- .53
1869 Scotland	628	(a) M.	(a)	.65- .65- .65
1869 Wales	628	(a) M.	(a)	.53- .53- .53
1891 England	632	(a) M.	(a)	.69- .69- .69

HEEL BLACKERS, BOOTS AND SHOES.

1885 Ohio	7	4 M.	60-60-60	1.17-1.25-1.21
1886 N. J	325	1 M.	60-60-60	.67- .67- .67
1888 N. Y.	331	6 M.	c 53-60-58	.50-1.00- .78
1895 Mass	7	2 M.	58-58-58	.73- .81- .77
1895 Mass	8	5 M.	60-60-60	.83-1.50-1.23
1896 Ohio	7	12 M.	59-60-60	.71-1.33-1.19

HEEL BREASTERS, BOOTS AND SHOES.

1885 Mass	1	2 M.	60-60-60	.87-2.00-1.44
1885 Mass	7	8 M.	59-59-59	1.25-3.08-2.16
1885 Ohio	7	1 M.	60-60-60	2.78-2.78-2.78
1888 N. Y.	331	4 M.	55-59-58	1.83-2.00-1.96
1890 N. Y.	333	1 M.	(a)	1.67-1.67-1.67
1891 Me	257	10 M.	d 60-60-60	2.00-2.10-2.09
1891 N. Y.	333	1 M.	(a)	1.67-1.67-1.67
1894 N. Y.	8	1 M.	60-60-60	1.17-1.17-1.17
1895 Mass	7	3 M.	58-59-59	1.29-1.62-1.41
1895 Mass	8	6 M.	c 60-60-60	2.00-2.50-2.25
1895 N. Y.	8	2 M.	60-60-60	1.25-2.50-1.88
1896 Ohio	7	3 M.	60-60-60	2.67-2.67-2.67

HEEL BUILDERS, BOOTS AND SHOES.

1881 Mass	7	9 M.	60-60-60	.38-1.33- .70
1883 Mass	273	5 M.	(a)	1.79-1.79-1.79
1883 Mass	273	74 F.	(a)	.83- .83- .83
1883 Mass	273	8 (a)	(a)	.75- .75- .75
1884 N. J	323	4 M.	60-60-60	.92-1.50-1.27
1885 Me	7	15 F.	60-60-60	.50-1.50- .87
1885 Mass	7	3 F.	59-59-59	1.12-1.34-1.23
1885 Ohio	7	4 M.	60-60-60	1.25-1.33-1.29
1886 Pa	7	1 M.	(a)	1.33-1.33-1.33
1887 Mass	3	1 F.	51-51-51	1.17-1.17-1.17
1888 N. Y.	331	2 M.	59-59-59	1.50-1.50-1.50
1891 Me	257	32 (a)	(a)	1.30-1.30-1.30
1891 N. Y.	333	1 M.	(a)	1.33-1.33-1.33
1892 France	505	(a) M.	63-72 —	.48-1.06- —
1892 France	505	(a) F.	63-63-63	.39- .63- —
1894 N. Y.	8	2 M.	60-60-60	1.00-1.50-1.25
1894 N. Y.	8	1 F.	60-60-60	1.00-1.00-1.00
1895 Me	7	25 M.	60-60-60	.67-1.67- .97
1895 Me	7	20 F.	60-60-60	.42-1.08- .78
1895 Mass	7	1 M.	58-58-58	.73- .73- .73
1895 Mass	7	11 F.	58-58-58	.61-1.05- .80
1895 Mass	8	4 M.	60-60-60	1.50-2.50-2.06
1895 Mass	8	2 F.	60-60-60	1.25-2.00-1.63
1895 N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1896 Ohio	7	15 M.	60-60-60	1.17-1.33-1.24

a Not reported.
b And board.
c Not including hours of 1 person not reported.
d Not including hours of 9 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEEL COMPRESSERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 Mass	273	4 M.	(a)	1.58-1.58-1.58	1895 Mass	7	1 F.	58-58-58	1.25-1.25-1.25
1883 Mass	273	16 (a)	(a)	.38- .38- .38	1895 Mass	8	11 M.	60-60-60	.31-2.50-1.78
1885 Mass	1	1 M.	60-60-60	2.75-2.75-2.75	1895 Mass	8	1 F.	60-60-60	2.00-2.00-2.00
1894 N. Y.	8	4 M.	60-60-60	1.17-1.50-1.36	1895 N. Y.	8	1 M.	60-60-60	.58- .58- .58
1895 Mass	7	2 M.	60-60-60	1.58-2.50-2.04	1896 Mass	8	1 M.	60-60-60	.83- .83- .83

HEELERS (NOT SPECIFIED), BOOTS AND SHOES.

1875 Mass	270	47 M.	(a)	1.45-1.95-1.90	1886 N. J	325	105 M.	60-60-60	1.50-2.17-1.70
1875 Mass	270	1 F.	(a)	1.00-1.00-1.00	1886 Canada	468	(a) M.	55-55-55	1.21-1.29- —
1879 Pa	384	1 M.	60-60-60	1.75-1.75-1.75	1887 Ohio	369	5 M.	60-60-60	.96-2.00-1.17
1880 Ohio	7	1 M.	(a)	1.67-1.67-1.67	1887 Wis	409	16 (a)	(a)	2.30-2.30-2.30
1881 N. J	320	3 M.	(a)	2.10-2.10-2.10	1888 N. J	326	1 (a)	60-60-60	1.65-1.65-1.65
1882 N. J	321	4 M.	b60-60-60	2.13-2.17-2.16	1888 N. Y.	331	25 M.	b44-61-55	1.25-2.12-1.74
1882 Ohio	364	15 (a)	57-60-59	2.00-2.35-2.19	1888 Canada	470	(a) M.	58-58-58	1.31-1.31-1.31
1883 Mass	273	20 M.	(a)	1.83-2.08-2.03	1889 Canada	471	(a) M.	54-56 —	1.47-1.63- —
1883 N. J	322	20 M.	60-60-60	1.67-2.67-2.07	1890 N. Y.	333	23 M.	(a)	1.50-2.17-1.72
1883 England	572	(a) M.	c54-54-54	.30-1.22- —	1891 Me	257	21 M.	e60-60-60	1.67-2.01-1.79
1884 N. J	7	5 M.	(a)	1.67-2.08-1.87	1891 N. Y.	333	22 M.	(a)	1.50-2.17-1.77
1884 N. J	323	26 M.	60-60-60	1.33-2.33-2.02	1892 Cal.	196	1 M.	63-63-63	2.00-2.00-2.00
1884 Canada	178	(a) (a)	60-60-60	1.00-1.50- —	1892 Australia	424	(a) (a)	(a)	1.62-2.03- —
1885 Cal.	1	9 M.	60-60-60	1.00-1.50-1.25	1892 France	505	(a) M.	66-66-66	.77- .77- .77
1885 Ill.	1	10 M.	60-60-60	2.17-2.17-2.17	1893 Ohio	374	22 M.	42-60-59	1.15-2.00-1.95
1885 Md.	1	2 M.	60-60-60	1.50-1.50-1.50	1894 N. Y.	8	1 M.	60-60-60	1.67-1.67-1.67
1885 Mass	1	45 M.	48-60-59	1.25-2.33-1.79	1895 Canada	187	(a) (a)	60-60-60	1.42-1.42-1.42
1885 Mass	7	1 M.	59-59-59	2.25-2.25-2.25	1896 Ohio	377	7 M.	60-60-60	2.62-2.62-2.62
1885 N. J	324	163 M.	d48-60-57	.83-2.67-1.78	1896 Pa	7	2 M.	60-60-60	1.83-1.92-1.88
1885 N. Y.	1	30 M.	60-60-60	1.50-1.83-1.51	1898 N. J	329	35 M.	60-60-60	1.67-2.00-1.80
1885 Pa	1	11 M.	60-60-60	2.38-2.90-2.66	1900 Mass	18	12 M.	58-58-58	3.00-3.97-3.72

HEELERS, HAND, BOOTS AND SHOES.

1883 Mass	273	9 M.	(a)	1.67-2.75-2.14	1886 N. Y.	7	3 M.	60-60-60	2.17-2.67-2.39
1883 N. J	322	1 M.	48-48-48	2.50-2.50-2.50	1888 N. Y.	331	20 M.	53-60-58	.83-2.67-2.17

HEELERS' HELPERS, MACHINE, BOOTS AND SHOES.

1879 Pa	7	1 M.	57-57-57	.58- .58- .58	1888 N. Y.	331	6 M.	f59-61-60	.50-1.00- .79
1881 Mass	7	1 M.	60-60-60	1.01-1.01-1.01	1890 N. Y.	333	43 M.	(a)	.50- .89- .82
1885 Md.	1	1 M.	60-60-60	.50- .50- .50	1891 N. Y.	333	40 M.	(a)	.50- .89- .80
1885 Mass	1	8 M.	60-60-60	.50- .75- .59	1894 N. Y.	8	1 M.	60-60-60	.50- .50- .50
1885 Mass	1	10 F.	60-60-60	.50- .60- .56	1895 Mass	7	2 M.	59-59-59	.50-1.04- .77
1885 N. Y.	1	12 M.	60-60-60	.79-1.00- .87	1895 Mass	8	7 M.	b60-60-60	.50-1.00- .93
1885 Ohio	7	8 M.	60-60-60	.58- .67- .63	1895 Mo.	304	7 M.	(a)	.50- .75- .66
1886 Mass	2	10 M.	59-59-59	1.00-1.05-1.03	1895 N. Y.	8	1 M.	60-60-60	.67- .67- .67
1886 N. J	325	4 M.	60-60-60	.83-1.00- .88	1895 Ohio	376	1 M.	60-60-60	.41- .41- .41
1887 Me.	253	1 M.	60-60-60	.72- .72- .72	1896 Ohio	7	28 M.	59-60-60	.58- .85- .64

HEELERS, MACHINE, BOOTS AND SHOES.

1877 Ohio	359	2 M.	(a)	2.50-3.50-3.00	1883 Mass	273	77 M.	(a)	2.33-4.44-2.79
1879 Pa	7	1 M.	57-57-57	1.50-1.50-1.50	1883 N. J	322	12 M.	60-60-60	2.00-3.00-2.49
1879 Pa	384	4 M.	60-60-60	2.44-2.44-2.44	1884 N. J	7	2 M.	(a)	1.58-1.67-1.63
1881 Mass	7	4 M.	60-60-60	1.64-2.32-1.96	1884 N. J	323	84 M.	60-60-60	2.25-3.00-2.46
1882 Ohio	364	16 (a)	60-60-60	2.00-2.75-2.44	1885 Cal.	1	6 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 2 persons not reported.
c Applies to but 2 of the 3 wage quotations.
d Not including hours of 100 persons not reported.
e Not including hours of 20 persons not reported.
f Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEELERS, MACHINE, BOOTS AND SHOES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885 Mass	1	13 M.	54-60-59	2.00-3.00-2.61	1893 Ohio	374	4 M.	e 54-60-58	2.00-3.25-2.81
1885 Mass	7	2 M.	59-60-60	3.07-3.38-3.23	1894 Me	260	1 M.	60-60-60	2.50-2.50-2.50
1885 N. J	324	37 M.	60-60-60	2.00-3.33-2.62	1894 N. H	316	1 M.	59-59-59	1.50-1.50-1.50
1885 Ohio	7	5 M.	59-60-60	2.30-3.02-2.73	1894 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1885 Pa	1	2 M.	60-60-60	2.68-2.68-2.68	1894 Ohio	375	1 M.	(a)	2.75-2.75-2.75
1886 Ill	208	76 (a)	(a)	3.33-3.33-3.33	1895 Me	7	2 M.	60-60-60	1.34-1.68-1.51
1886 N. J	325	14 M.	60-60-60	1.83-3.00-2.56	1895 Mass	7	8 M.	56-59-59	1.49-3.33-2.22
1886 N. Y	7	2 M.	59-59-59	2.67-3.00-2.84	1895 Mass	8	8 M.	e 54-60-59	1.67-3.50-2.84
1886 Pa	7	1 M.	(a)	2.81-2.81-2.81	1895 Mo	304	5 M.	(a)	1.16-2.94-1.98
1887 Ohio	369	17 M.	60-60-60	2.50-3.00-2.88	1895 N. J	7	6 M.	f 54-54-54	.83-2.00-1.70
1888 N. J	326	9 M.	b 48-60-55	2.50-4.50-3.03	1895 N. Y	7	1 M.	59-59-59	2.52-2.52-2.52
1888 N. Y	331	99 M.	c 44-60-57	1.50-3.67-2.70	1895 N. Y	8	1 M.	60-60-60	3.33-3.33-3.33
1890 N. Y	333	19 M.	(a)	1.33-3.00-2.45	1895 Ohio	376	3 M.	(a)	2.00-3.00-2.33
1891 Me	257	9 M.	d 60-60-60	1.48-2.78-2.25	1896 N. Y	7	3 M.	59-60-59	3.00-3.85-3.39
1891 N. Y	333	23 M.	(a)	1.33-3.00-2.60	1896 Ohio	7	11 M.	59-60-60	1.89-2.85-2.60
1892 Cal	196	3 M.	56-60-59	2.00-3.33-2.61	1896 Pa	7	2 M.	59-59-59	1.33-1.67-1.50

HEEL FINISHERS, BOOTS AND SHOES.

1879 Pa	7	1 M.	57-57-57	.77- .77- .77	1892 Cal	196	4 M.	57-60-59	1.25-3.33-2.65
1882 N. J	321	6 M.	d 60-60-60	.71- .83- .77	1894 Me	260	1 M.	60-60-60	1.50-1.50-1.50
1884 N. J	323	5 M.	60-60-60	1.25-1.80-1.54	1894 N. H	316	1 M.	59-59-59	2.00-2.00-2.00
1885 N. J	324	10 M.	60-60-60	1.25-2.00-1.65	1894 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1885 N. Y	7	1 M.	59-59-59	2.65-2.65-2.65	1895 Mass	8	21 M.	i 54-60-60	1.00-2.75-2.15
1885 Ohio	7	2 M.	59-60-60	2.92-3.07-3.00	1895 N. Y	7	1 M.	59-59-59	2.03-2.03-2.03
1886 N. J	325	8 M.	60-60-60	1.25-3.00-1.91	1895 N. Y	8	1 M.	60-60-60	2.50-2.50-2.50
1886 N. Y	7	3 M.	59-59-59	1.77-2.71-2.12	1896 N. Y	7	1 M.	59-59-59	2.40-2.40-2.40
1888 N. Y	331	121 M.	g 44-61-57	.83-4.17-2.13	1896 Ohio	7	4 M.	59-60-60	3.02-3.27-3.14
1890 N. Y	333	26 M.	(a)	1.17-2.57-1.78	1896 Pa	7	3 M.	59-59-59	.50- .58- .53
1891 Me	257	22 M.	h 60-60-60	1.53-2.78-2.04	1896 Pa	7	1 F.	59-59-59	.50- .50- .50
1891 N. Y	333	21 M.	(a)	1.17-2.57-1.85					

HEEL LOADERS, BOOTS AND SHOES.

1895 Mass	8	2 M.	60-60-60	.83-2.00-1.42	1895 Mass	8	1 F.	60-60-60	1.25-1.25-1.25

HEEL SCOURERS, BOOTS AND SHOES.

1881 Mass	7	2 M.	60-60-60	1.25-2.41-1.83	1891 Me	257	15 M.	c 60-60-60	1.71-2.00-1.91
1881 Mass	7	1 F.	60-60-60	1.60-1.60-1.60	1891 N. Y	333	7 M.	(a)	.50-1.53-1.18
1884 N. J	7	4 M.	(a)	1.58-1.88-1.70	1893 Ohio	374	1 M.	(a)	1.00-1.00-1.00
1884 N. J	323	2 M.	60-60-60	.67- .67- .67	1894 N. H	316	2 M.	50-59-55	1.50-2.00-1.75
1885 Mass	1	12 M.	60-60-60	1.84-2.25-2.01	1894 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50
1885 N. J	324	3 M.	60-60-60	.67-2.00-1.11	1894 Ohio	375	1 M.	(a)	1.00-1.00-1.00
1885 N. Y	1	22 M.	60-60-60	.75-1.08- .88	1895 Mass	7	10 M.	58-59-59	1.20-1.72-1.48
1885 Pa	1	2 M.	60-60-60	2.00-2.00-2.00	1895 Mass	8	11 M.	i 60-60-60	.75-2.75-1.92
1886 N. J	325	5 M.	60-60-60	.67-2.75-1.98	1895 N. J	7	7 M.	(a)	1.55-1.75-1.63
1888 N. Y	331	6 M.	53-59-58	1.33-2.50-1.58	1895 N. Y	8	2 M.	60-60-60	.83- .90- .87
1890 N. Y	333	3 M.	(a)	.50-1.17- .83	1895 Ohio	376	1 M.	(a)	1.00-1.00-1.00

a Not reported.
b Not including hours of 4 persons not reported.
c Not including hours of 12 persons not reported.
d Not including hours of 3 persons not reported.
e Not including hours of 1 person not reported.
f Not including hours of 5 persons not reported.
g Not including hours of 6 persons not reported.
h Not including hours of 17 persons not reported.
i Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEEL-SEAT NAILERS, BOOTS AND SHOES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 Pa	7	1 M.	57-57-57	1.98-1.98-1.98
1888 N. Y.	331	9 M.	47-60-54	1.33-2.50-1.93
1890 N. Y.	333	2 M.	(a)	2.00-3.00-2.50
1891 Me	257	1 (a)	(a)	2.19-2.19-2.19
1891 N. Y.	333	2 M.	(a)	2.00-3.00-2.50
1896 Ohio	7	1 M.	60-60-60	.83- .83- .83
1896 Pa	7	1 F.	59-59-59	.50- .50- .50

HEEL SLUGGERS, BOOTS AND SHOES.

1885 Ohio	7	2 M.	59-60-60	1.48-1.48-1.48	1895 Mass	7	5 M.	55-59-58	1.42-3.33-2.09
1890 N. Y.	333	2 M.	(a)	1.75-2.17-1.96	1895 Mass	8	4 M.	60-60-60	2.50-2.50-2.50
1891 Me	257	10 (a)	(a)	1.75-1.75-1.75	1895 N. Y.	8	1 M.	60-60-60	1.60-1.60-1.60
1891 N. Y.	333	2 M.	(a)	1.75-2.17-1.96	1896 Ohio	7	4 M.	59-60-60	1.40-1.60-1.51

HEEL-STOCK CUTTERS, BOOTS AND SHOES.

1885 Mass	7	2 M.	(a)	.50- .70- .60	1893 Ohio	374	1 F.	60-60-60	1.00-1.00-1.00
1885 Mass	7	52 F.	(a)	.42-1.25- .82	1894 N. H	316	2 M.	59-59-59	1.50-1.67-1.59
1885 N. J	7	4 M.	55-55-55	.92-1.42-1.27	1894 N. Y.	8	4 M.	60-60-60	1.25-1.50-1.29
1885 N. J	324	2 M.	60-60-60	.92-1.50-1.21	1895 Me	7	3 M.	60-60-60	1.17-2.50-1.72
1885 Ohio	7	5 M.	60-60-60	1.17-1.50-1.33	1895 Mass	7	13 M.	58-59-59	.85-1.75-1.35
1886 N. J	325	2 M.	60-60-60	1.50-1.50-1.50	1895 Mass	7	72 F.	58-58-58	.38-1.56- .79
1887 Mass	3	4 F.	48-52-49	.83- .92- .88	1895 Mass	8	41 M.	b 60-60-60	1.75-2.50-2.04
1887 Wis	409	5 (a)	(a)	1.72-1.72-1.72	1895 N. J	7	3 M.	55-55-55	1.33-1.33-1.33
1888 Me	254	1 M.	60-60-60	1.50-1.50-1.50	1895 N. Y.	8	2 M.	60-60-60	.67-2.50-1.59
1888 N. Y.	331	11 M.	53-59-53	1.83-2.33-2.00	1895 N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1890 N. Y.	333	1 M.	(a)	1.50-1.50-1.50	1895 Ohio	376	48 M.	42-60-56	1.00-1.58-1.30
1891 Me	257	23 (a)	(a)	1.61-1.61-1.61	1896 Mass	8	2 M.	60-60-60	2.25-2.25-2.25
1891 N. Y.	333	2 M.	(a)	2.50-2.50-2.50	1896 Ohio	7	18 M.	60-60-60	1.25-1.50-1.35
1893 Ohio	374	32 M.	42-60-50	.99-1.63-1.37					

HEEL TRIMMERS, BOOTS AND SHOES.

1877 Ohio	359	2 M.	(a)	2.00-3.00-2.50	1891 N. Y.	333	24 M.	(a)	1.43-4.35-2.19
1884 N. J	323	6 M.	60-63-61	1.83-3.00-2.27	1893 Ohio	374	1 M.	(a)	2.00-2.00-2.00
1885 Md	1	2 M.	60-60-60	1.67-1.67-1.67	1894 N. H	316	1 M.	54-54-54	1.50-1.50-1.50
1885 Mass	1	2 M.	60-60-60	2.00-2.00-2.00	1894 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50
1885 Mass	7	5 M.	59-60-59	1.67-3.50-2.41	1894 Ohio	375	1 M.	(a)	2.00-2.00-2.00
1885 N. J	324	6 M.	60-60-60	.67-3.33-2.20	1895 Mass	7	4 M.	55-58-57	2.25-3.00-2.64
1885 Ohio	7	4 M.	59-60-60	2.80-3.36-3.09	1895 Mass	8	4 M.	e 60-60-60	2.50-3.00-2.75
1885 Pa	1	5 M.	60-60-60	2.85-2.85-2.85	1895 N. Y.	7	1 M.	59-59-59	2.32-2.32-2.32
1886 N. J	325	6 M.	60-60-60	.67-2.40-1.76	1895 N. Y.	8	1 M.	60-60-60	2.00-2.00-2.00
1886 N. Y.	7	3 M.	59-60-60	1.67-2.71-2.24	1895 Ohio	376	1 M.	(a)	2.25-2.25-2.25
1888 N. Y.	331	75 M.	c 47-61-56	1.33-4.67-2.68	1896 N. Y.	7	3 M.	59-60-59	2.65-5.34-3.78
1890 N. Y.	333	28 M.	(a)	1.43-5.59-2.27	1896 Ohio	7	9 M.	59-60-60	2.73-3.48-3.07
1891 Me	257	9 M.	d 60-60-60	2.24-2.51-2.36					

HEMP DRESSERS.

1880 England	571	(a) M.	f 54-54-54	1.01-1.09- —	1880 Scotland	571	(a) F.	57-57-57	.41- .41- .41
1880 England	571	(a) F.	57-57-57	.36- .45- —	1883 Scotland	572	(a) M.	56-56-56	.97- .97- .97
1880 Scotland	571	(a) M.	56-57 —	.75- .89- —	1883 Scotland	572	(a) F.	57-57-57	.41. .41. .41

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 4 persons not reported.
d Not including hours of 8 persons not reported.
e Not including hours of 3 persons not reported.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HEMSTITCHERS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1886 Ireland	601	(a) F.	55-55-55	0.35-0.35-0.35	1899 N. J	18	300 F.	55-55-55	0.75-1.17-0.84
1893 Ireland	632	(a) F.	(a)	.16- .34- —	1900 N. J	18	305 F.	55-55-55	.75-1.17- .84

HERDERS.

1839	Scotland	628	(a)	M.	(a)	.11- .11- .11	1891	England	632	(a)	M.	(a)	.63- .79- —
1867	England	628	(a)	M.	(a)	.05- .52- —	1892	C.of G'd H.	486	(a)	M.	(a)	.09½-.09½-.09½
1867	England	628	(a)	M.	(a)	b .31- .31- .31	1892	C.of G'd H.	486	(a)	M.	(a)	g .08- .40- —
1868	England	628	(a)	M.	(a)	.08½- .56- —	1892	England	632	(a)	M.	(a)	.45- .72- —
1868	England	628	(a)	M.	(a)	c .16- .17- —	1892	England	632	(a)	M.	(a)	h .65- .65- .65
1868	England	628	(a)	M.	(a)	d .38- .38- .38	1892	Ireland	676	(a)	(a)	57-57-57	.40-1.20- —
1868	England	628	(a)	M.	(a)	e .38- .38- .38	1892	Wales	632	(a)	M.	(a)	.55- .75- —
1869	Scotland	628	(a)	M.	(a)	.04- .04- .04	1893	Mont.	307	41	M.	(a)	g .99-1.64-1.23
1869	Scotland	628	(a)	M.	(a)	c .08- .08- .08	1893	Mont.	308	43	M.	i 70-84-72	1.15-1.48-1.24
1869	Wales	628	(a)	M.	(a)	.35- .35- .35	1893	England	583	(a)	M.	(a)	.13- .16- —
1870	Wales	632	(a)	M.	(a)	.40- .42- —	1893	England	632	(a)	M.	(a)	.42- .69- —
1872	Aust-Hun	632	(a)	M.	(a)	.11- .12- —	1893	England	632	(a)	M.	(a)	g .13- .33- —
1872	England	632	(a)	M.	(a)	.45- .54- —	1893	England	632	(a)	M.	(a)	b .44- .69- —
1880	England	632	(a)	M.	(a)	.57- .63- —	1893	England	632	(a)	M.	(a)	e .45- .45- .45
1883	Texas	2	650	M.	(f)	1.18-1.68-1.43	1893	Ireland	632	(a)	M.	(a)	.27-1.20- —
1884	England	178	(a)	M.	(a)	.19- .65- —	1893	Italy	632	(a)	(a)	(a)	.01-.04½- —
1884	England	178	(a)	M.	(a)	c .13- .13- .13	1893	Mexico	184	(a)	M.	(a)	.07- .50- —
1884	England	178	(a)	M.	(a)	e .59- .63- —	1893	Scotland	589	(a)	M.	(a)	g .32- .43- —
1884	France	178	(a)	M.	(a)	c .24- .32- —	1893	Scotland	632	(a)	M.	(a)	.25- .80- —
1884	Germany	178	(a)	M.	(a)	g .07- .27- —	1893	Scotland	632	(a)	M.	(a)	g .05½-.43- —
1884	Italy	178	(a)	M.	(a)	.08- .16- —	1893	Scotland	632	(a)	F.	(a)	.38- .44- —
1884	Mexico	178	(a)	(a)	(a)	.33- .49- —	1893	Scotland	632	(a)	F.	(a)	c .11- .16- —
1884	Spain	178	(a)	M.	60-60-60	.58- .58- .58	1894	Mont.	308	55	M.	j 70-98-76	.99-1.15-1.01
1884	Venezuela	178	(a)	(a)	(a)	c .16- .26- —	1894	England	585	(a)	M.	(a)	c .20- .24- —
1886	Kans.	240	1	M.	(a)	1.00-1.00-1.00	1895	England	585	(a)	M.	(a)	c .16- .21- —
1886	Italy	65	(a)	M.	(a)	.02½-.02½-.02½	1896	Mont.	310	256	M.	(a)	.99-1.10-1.00
1888	Australia	83	(a)	(a)	(a)	g .71- .89- —	1896	Mont.	310	676	M.	(a)	g .82-1.32-1.00
1889	France	463	(a)	(a)	(a)	c .07- .14- —	1897	Aust-Hun	449	(a)	M.	(a)	c .01½-.05½- —
1890	Kans.	244	1	M.	(a)	.36- .36- .36	1897	Aust-Hun	449	(a)	F.	(a)	c .00½-.05½- —
1890	Wales	632	(a)	M.	(a)	.56- .56- .56	1897	Denmark	492	(a)	M.	(a)	c .09- .29- —

HILL BOYS, STREET RAILWAY.

1871	Mass	267	12	M.	84-84-84	1.00-1.00-1.00	1887	Wis	409	7	M.	(a)	1.00-1.00-1.00
1883	N. J	322	15	M.	42-42-42	.71- .71- .71	1888	Ohio	370	43	M.	63-91-67	.72-1.00- .78
1884	N. J	323	15	M.	(a)	.71- .71- .71	1890	Netherl'ds	666	(a)	M.	95-95-95	.52- .52- .52
1885	Mo.	296	1	M.	60-60-60	1.65-1.65-1.65	1896	Ill	12	1	M.	70-70-70	1.07-1.07-1.07

HINGE MAKERS, FOUNDRY AND MACHINE SHOP.

1876	Pa	382	4	M.	(a)	3.25-3.25-3.25	1887	Conn	202	58	M.	(a)	.85-1.73-1.42
1886	N. Y.	3	2	F.	59-59-59	.50- .83- .67	1893	Ohio	374	3	M.	53-53-53	1.50-1.50-1.50

HINGERS, BOXES.

1855	Fla.	8	1	F.	60-60-60	.50- .50- .50	1893	Ohio	374	1	F.	57-57-57	.61- .61- .61
1888	N. Y.	331	1	M.	59-59-59	1.25-1.25-1.25	1895	N. Y.	8	6	M.	60-60-60	.67-1.17- .77
1890	N. Y.	333	3	M.	(a)	1.17-1.17-1.17	1895	N. Y.	8	1	F.	60-60-60	1.00-1.00-1.00
1891	N. Y.	333	2	M.	(a)	.67- .67- .67	1895	Pa	8	2	M.	60-60-60	.33- .50- .42
1892	Ill	210	6	F.	60-60-60	.42- .67- .53							

a Not reported.
b And house and garden.
c And board.
d And house and garden, etc.
e And cottage.
f 105-105-105 hours.
g And board and lodging.
h And cottage and coal.
i Not including hours of 31 persons not reported.
j Not including hours of 22 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1789 France....	523	(a) M.	60-60-60	0.34-0.34-0.34
1810 England ..	572	(a) (a)	(a)	.64- .64- .64
1811 England ..	572	(a) (a)	(a)	.64- .64- .64
1812 England ..	572	(a) (a)	(a)	.64- .64- .64
1813 England ..	572	(a) (a)	(a)	.64- .64- .64
1814 England ..	572	(a) (a)	(a)	.64- .64- .64
1815 England ..	572	(a) (a)	(a)	.64- .64- .64
1816 England ..	572	(a) (a)	(a)	.64- .64- .64
1817 England ..	572	(a) (a)	(a)	.64- .64- .64
1818 England ..	572	(a) (a)	(a)	.64- .64- .64
1819 England ..	572	(a) (a)	(a)	.64- .64- .64
1820 England ..	45	(a) M.	(a)	.89- .89- .89
1823 England ..	572	(a) (a)	(a)	.57- .57- .57
1824 England ..	572	(a) (a)	(a)	.57- .57- .57
1825 England ..	572	(a) (a)	(a)	.65- .65- .65
1832 England ..	572	(a) (a)	(a)	.49- .49- .49
1839 England ..	562	(a) M.	60-60-60	.73- .73- .73
1839 England ..	563	(a) M.	59-59-59	.61- .61- .61
1840 N. Y.....	190	5 M.	60-60-60	.75-1.13- .85
1841 N. Y.....	190	2 M.	60-60-60	.75-1.13- .94
1841 Switzerl'd.	711	(a) M.	(a)	.33- .33- .33
1842 N. Y.....	190	4 M.	60-60-60	.75-1.13- .84
1843 N. Y.....	190	1 M.	60-60-60	1.13-1.13-1.13
1844 N. Y.....	190	7 M.	60-60-60	1.13-1.25-1.23
1844 France....	523	(a) M.	60-60-60	.46- .46- .46
1845 N. Y.....	190	8 M.	60-60-60	.75-1.25- .84
1846 N. Y.....	190	2 M.	60-60-60	.75-1.25-1.00
1847 N. Y.....	190	2 M.	60-60-60	.81-1.25-1.03
1848 N. Y.....	190	2 M.	60-60-60	.88-1.25-1.07
1848 Germany .	76	(a) M.	(a)	.32- .36- —
1849 Mass	190	7 M.	(a)	.75- .84- .80
1849 N. Y.....	190	2 M.	60-60-60	.88-1.25-1.07
1849 England ..	563	(a) M.	58-58-58	.61-1.09- —
1850 Mass	190	6 M.	b60-60-60	.75-1.00- .86
1850 N. Y.....	190	6 M.	60-60-60	.88-1.25- .94
1850 England ..	45	(a) M.	(a)	.69- .69- .69
1850 Switzerl'd.	711	(a) M.	(a)	.42- .42- .42
1851 N. Y.....	190	3 M.	60-60-60	.88-1.13-1.00
1851 Germany .	76	(a) M.	(a)	.36- .36- .36
1852 Conn.....	190	8 M.	(a)	1.00-1.00-1.00
1852 Mass	190	5 M.	(a)	.87- .87- .87
1852 N. Y.....	190	4 M.	60-60-60	.88-1.38-1.13
1853 Conn.....	190	11 M.	48-48-48	.80-1.00- .91
1853 Mass	190	2 M.	78-78-78	.87-1.00- .94
1853 N. Y.....	190	6 M.	60-60-60	.75-1.50-1.06
1853 France....	609	(a) (a)	(a)	.53- .53- .53
1854 Conn.....	190	13 M.	60-60-60	.80-1.20-1.08
1854 Mass	190	4 M.	78-78-78	.87-1.00- .94
1854 N. Y.....	190	17 M.	60-60-60	.88-1.50-1.00
1855 Conn.....	190	25 M.	48-60-56	.80-1.00- .93
1855 Mass	190	3 M.	78-78-78	1.00-1.00-1.00
1855 N. Y.....	190	9 M.	60-60-60	.75-1.50-1.00
1856 Conn.....	190	19 M.	48-60-55	.80-1.00- .92
1856 Mass	190	5 M.	78-78-78	.87-1.12- .97
1856 N. Y.....	190	14 M.	60-60-60	.75-1.50-1.03
1856 Germany .	76	(a) M.	(a)	.43- .43- .43
1857 Conn.....	190	12 M.	48-60-53	1.00-1.25-1.13
1857 Mass	190	1 M.	78-78-78	.87- .87- .87
1857 N. Y.....	190	6 M.	60-60-60	.75-1 50-1.04
(c) England ..	561	(a) (a)	(a)	.57- .57- .57
1858 Conn.....	190	11 M.	60-60-60	1.00-1.00-1.00
1858 Mass	190	10 M.	d78-78-78	1.00-1.17-1.07
1858 N. Y.....	190	5 M.	60-60-60	.75-1.50-1.10
1859 Conn.....	190	18 M.	48-60-53	.80-1.33-1.04
1859 Mass	190	47 M.	e60-78-63	.87-1.25-1.11
1859 N. Y.....	190	13 M.	60-60-60	.75-1.50-1.03
1859 England ..	562	(a) M.	56-56-56	.85- .85- .85
1859 England ..	563	(a) M.	58-58-58	.65- .65- .65
1860 Conn.....	190	25 M.	48-60-56	.80-1.16-1.00
1860 Mass	190	29 M.	60-78-65	1.00-1.17-1.04
1860 N. Y.....	190	19 M.	60-60-60	.81-1.50-1.18
1860 Ohio	361	1 M.	(a)	1.00-1.00-1.00
1860 Pa	190	10 M.	54-54-54	1.12-1.12-1.12
1860 England ..	45	(a) M.	(a)	.73- .81- —
1860 England ..	563	(a) (a)	(a)	.61- .61- .61
1860 France....	523	(a) M.	60-60-60	.60- .60- .60
1860 France....	609	(a) (a)	(a)	.58- .63- —
1860 Switzerl'd.	711	(a) M.	(a)	.50- .50- .50
1861 Conn.....	190	40 M.	60-60-60	1.00-1.00-1.00
1861 Mass	190	54 M.	60-78-61	.90-1.25-1.08
1861 N. Y.....	190	19 M.	60-60-60	.81-1.75-1.20
1861 Pa	190	10 M.	54-54-54	1.25-1.25-1.25
1861 Germany .	76	(a) M.	(a)	.43- .46- —
1862 Conn.....	190	9 M.	60-60-60	1.00-1.00-1.00
1862 Mass	190	37 M.	60-78-63	1.00-1.25-1.18
1862 N. Y.....	190	24 M.	60-60-60	.81-1.75-1.15
1862 Pa	190	10 M.	54-54-54	1.25-1.25-1.25
1863 Conn.....	190	17 M.	48-60-53	1.50-1.62-1.55
1863 Mass	190	36 M.	60-78-63	1.00-1.25-1.19
1863 N. Y.....	190	24 M.	60-60-60	.96-1.75-1.31
1863 England ..	565	(a) (a)	(a)	.65- .65- .65
1864 Conn.....	190	17 M.	60-60-60	1 50-1.67-1.60
1864 Mass	190	26 M.	60-78-63	1.00-1.50-1.43
1864 N. Y.....	190	24 M.	60-60-60	1.06-2.25-1.68
1864 Pa	190	18 M.	54-54-54	1.50-1.50-1.50
1865 Conn.....	190	5 M.	60-60-60	1.67-1.67-1.67
1865 Mass	190	35 M.	60-60-60	1.50-1.75-1.55
1865 N. Y.....	190	16 M.	60-60-60	1.38-2.25-1.71
1865 Pa	190	15 M.	54-54-54	2.00-2.00-2.00
1865 Germany .	177	(a) M.	72-72-72	.36- .36- .36
1866 Conn.....	190	13 M.	60-60-60	1.67-1.67-1.67
1866 Mass	190	38 M.	60-60-60	1.50-2.00-1.74
1866 N. Y.....	190	17 M.	60-60-60	1.44-2.50-2.16
1866 Pa	190	20 M.	54-54-54	2.00-2.00-2.00
1866 Germany .	177	(a) M.	72-72-72	.38- .38- .38
1867 Conn.....	190	20 M.	48-60-59	1.33-1.75-1.70
1867 Mass	190	46 M.	60-60-60	1.50-2.00-1.59
1867 N. Y.....	190	26 M.	60-60-60	1.44-2.75-2.21
1867 Pa	190	20 M.	54-54-54	2.25-2.25-2.25
1867 Germany .	76	(a) M.	(a)	.50- .50- .50
1867 Germany .	177	(a) M.	72-72-72	.42- .42- .42
1867 Germany .	713	(a) M.	(a)	.36- .36- .36
1868 Conn.....	190	57 M.	48-60-57	1.20-2.00-1.80
1868 Mass	190	44 M.	60-60-60	2.00-2.00-2.00
1868 N. Y.....	190	23 M.	60-60-60	1.44-2.50-2.09
1868 Pa	190	20 M.	54-54-54	2.25-2.25-2.25
1868 Belgium ..	610	(a) (a)	60-60-60	.39- .39- .39
1868 France....	523	(a) M.	60-60-60	.64- .64- .64
1868 Germany .	76	(a) M.	(a)	.54- .54- .54
1868 Germany .	177	(a) M.	72-72-72	.44- .44- .44
1868 Germany .	610	(a) F.	(a)	.17- .19- —
1869 Conn.....	190	60 M.	48-60-55	1.75-2.00-1.90
1869 Mass	190	74 M.	60-60-60	1.50-2.25-1.93
1869 N. Y.....	190	49 M.	60-60-60	1.44-2.75-2.43
1869 Pa	190	25 M.	54-54-54	2.00-2.00-2.00
1869 France....	609	(a) (a)	(a)	.68- .68- .68
1869 Germany .	177	(a) M.	72-72-72	.48- .48- .48
1869 Germany .	609	(a) (a)	54-54-66 —	.41- .51- —
1870 Cal.....	16	12 M.	48-54-52	3.00-3.00-3.00
1870 Conn.....	190	65 M.	48-60-58	1.40-2.00-1.90
1870 Ill.....	16	50 M.	60-60-60	1.50-1.50-1.50
1870 La	16	10 M.	60-60-60	1.50-1.50-1.50
1870 Md.....	16	30 M.	59-59-59	2.50-2.75-2.63
1870 Mass	16	43 M.	60-60-60	2.00-2.50-2.15
1870 Mass	190	46 M.	60-60-60	1.75-2.25-2.10
1870 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1870 Mo.....	16	9 M.	60-60-60	1.50-1.75-1.58
1870 N. Y.....	16	303 M.	60-60-60	2.00-2.50-2.38

a Not reported.
b Not including hours of 4 persons not reported.
c Average for 1855–57.
d Not including hours of 2 persons not reported.
e Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1870 N. Y.	190	43 M.	60-60-60	1.44-2.75-2.46
1870 Ohio	16	4 M.	60-60-60	2.75-2.75-2.75
1870 Pa	16	23 M.	60-60-60	2.00-2.50-2.24
1870 Pa	190	25 M.	54-54-54	2.00-2.00-2.00
1870 Va	16	16 M.	60-60-60	1.25-1.25-1.25
1870 England	178	(a) M.	(a)	.83- .89- —
1870 France	16	(a) M.	(a)	.68- .68- .68
1870 France	17	(a) M.	(a)	.58- .68- —
1870 Germany	76	(a) M.	(a)	.54- .54- .54
1870 Germany	177	(a) M.	72-72-72	.51- .51- .51
1870 Germany	610	(a) M.	54-72 —	.44- .47- —
1870 Italy	177	(a) M.	(a)	.43- .43- .43
1870 Netherl'ds	610	(a) M.	72-72-72	.28- .28- .28
1870 Servia	610	(a) F.	(a)	.37- .41- —
1870 Switzerl'd	711	(a) M.	(a)	.52- .54- —
1870 Turk. in A.	610	(a) (a)	(a)	.37- .61- —
1871 Cal	16	17 M.	48-54-52	3.00-3.00-3.00
1871 Conn	190	48 M.	48-60-57	1.60-2.00-1.93
1871 Ill	16	50 M.	60-60-60	1.50-1.50-1.50
1871 La	16	12 M.	60-60-60	1.50-1.50-1.50
1871 Md	16	50 M.	59-59-59	2.50-3.00-2.70
1871 Mass	16	52 M.	60-60-60	2.00-2.50-2.15
1871 Mass	190	41 M.	60-60-60	1.75-2.25-2.02
1871 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1871 Mo	16	9 M.	60-60-60	1.50-1.75-1.58
1871 N. Y.	16	341 M.	60-60-60	2.00-2.50-2.38
1871 N. Y.	190	29 M.	60-60-60	1.44-2.25-2.04
1871 Ohio	16	4 M.	60-60-60	3.00-3.00-3.00
1871 Pa	16	4 M.	60-60-60	2.25-2.50-2.38
1871 Pa	190	27 M.	54-54-54	2.25-2.25-2.25
1871 Va	16	21 M.	60-60-60	1.25-1.25-1.25
1871 France	16	(a) M.	(a)	.68- .68- .68
1871 France	17	(a) M.	(a)	.58- .68- —
1871 France	611	(a) M.	(a)	.48- .58- —
1871 Germany	177	(a) M.	72-72-72	.54- .54- .54
1871 Germany	185	(a) M.	(a)	.58- .58- .58
1871 Germany	611	(a) M.	(a)	.57- .57- .57
1871 Germany	611	(a) (a)	(a)	.45- .45- .45
1871 Germany	713	(a) M.	(a)	.48- .48- .48
1871 Ireland	568	(a) M.	57-57-57	.61- .61- .61
1871 Italy	610	(a) M.	b60-60-60	.17- .37- —
1871 Netherl'ds	611	(a) M.	60-72 —	.41- .58- —
1872 Cal	16	10 M.	48-54-52	3.00-3.00-3.00
1872 Conn	190	57 M.	48-60-56	1.60-2.00-1.84
1872 Ill	16	100 M.	60-60-60	1.50-1.50-1.50
1872 La	16	14 M.	60-60-60	1.50-1.50-1.50
1872 Md	16	60 M.	59-59-59	2.50-3.00-2.67
1872 Mass	16	39 M.	60-60-60	2.00-2.50-2.17
1872 Mass	190	60 M.	60-60-60	1.75-2.00-1.86
1872 Minn	16	8 M.	60-60-60	1.50-1.50-1.50
1872 Mo	16	9 M.	60-60-60	1.50-1.75-1.58
1872 N. Y.	16	359 M.	54-60-59	2.00-2.50-2.40
1872 N. Y.	190	38 M.	48-60-54	1.44-2.50-2.06
1872 Ohio	16	4 M.	60-60-60	3.00-3.00-3.00
1872 Ohio	361	1 M.	(a)	2.00-2.00-2.00
1872 Pa	16	18 M.	60-60-60	2.25-2.50-2.46
1872 Pa	190	27 M.	54-54-54	2.50-2.50-2.50
1872 Va	16	21 M.	60-60-60	1.25-1.25-1.25
1872 England	185	(a) M.	55-55-55	.93- .97- —
1872 France	16	(a) M.	(a)	.77- .77- .77
1872 France	17	(a) M.	(a)	.58- .68- —
1872 Germany	76	(a) M.	60-60-60	.57- .57- .57
1872 Germany	177	(a) M.	72-72-72	.60- .60- .60
1872 Germany	185	(a) M.	(a)	.72- .72- .72
1872 Germany	185	(a) F.	(a)	.48- .48- .48
1872 Germany	713	(a) M.	(a)	.51- .51- .51
1872 Ireland	185	(a) M.	60-60-60	.60- .60- .60
1872 Netherl'ds	185	(a) (a)	60-72 —	.40- .60- —
1873 Cal	16	14 M.	48-54-52	3.00-3.00-3.00
1873 Conn	190	47 M.	48-60-58	1.50-2.00-1.92
1873 Ill	16	80 M.	60-60-60	1.50-1.50-1.50
1873 La	16	12 M.	60-60-60	1.50-1.50-1.50
1873 Md	16	50 M.	59-59-59	2.50-3.00-2.63
1873 Mass	16	61 M.	60-60-60	2.00-2.50-2.12
1873 Mass	190	37 M.	60-60-60	1.50-2.00-1.88
1873 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1873 Mo	16	7 M.	60-60-60	1.25-1.50-1.32
1873 N. Y.	16	318 M.	54-60-59	2.00-2.50-2.38
1873 N. Y.	190	23 M.	48-60-53	1.50-2.50-2.18
1873 Ohio	16	4 M.	60-60-60	3.00-3.00-3.00
1873 Pa	16	15 M.	60-60-60	2.25-2.50-2.43
1873 Pa	190	20 M.	54-54-54	2.50-2.50-2.50
1873 Va	16	26 M.	60-60-60	1.25-1.25-1.25
1873 England	185	(a) M.	(a)	c.46-1.21- —
1873 France	16	(a) M.	(a)	.77- .77- .77
1873 France	17	(a) M.	(a)	.58- .68- —
1873 France	523	(a) M.	60-60-60	.68- .77- —
1873 Germany	76	(a) M.	60-60-60	.61- .64- —
1873 Germany	177	(a) M.	72-72-72	.71- .71- .71
1873 Germany	185	(a) M.	(a)	.96- .96- .96
1873 Germany	713	(a) M.	(a)	.54- .54- .54
1873 Italy	177	(a) M.	(a)	.42- .42- .42
1873 Sweden	167	(a) M.	72-72-72	.67- .67- .67
1873 Sweden	167	(a) F.	72-72-72	.40- .40- .40
1873 Switzerl'd	711	(a) M.	(a)	.73- .77- —
1874 Cal	16	11 M.	48-54-52	3.00-3.00-3.00
1874 Conn	190	54 M.	48-60-52	1.50-2.00-1.72
1874 Ill	16	40 M.	60-60-60	1.00-1.00-1.00
1874 La	16	12 M.	60-60-60	1.50-1.50-1.50
1874 Md	16	42 M.	59-59-59	1.25-1.50-1.38
1874 Mass	16	48 M.	60-60-60	1.75-2.50-2.03
1874 Mass	190	44 M.	60-60-60	1.75-2.00-1.86
1874 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1874 Mo	16	7 M.	60-60-60	1.25-1.50-1.32
1874 N. Y.	16	295 M.	54-60-58	2.00-2.00-2.00
1874 N. Y.	190	27 M.	48-60-54	1.44-2.50-2.11
1874 Ohio	16	4 M.	60-60-60	3.00-3.00-3.00
1874 Pa	16	21 M.	60-60-60	2.25-2.50-2.27
1874 Pa	190	20 M.	54-54-54	2.25-2.25-2.25
1874 Va	16	12 M.	60-60-60	1.13-1.13-1.13
1874 Belgium	16	(a) M.	(a)	.46- .52- —
1874 England	569	(a) M.	54-54-54	.85- .85- .85
1874 France	16	(a) M.	(a)	.77- .77- .77
1874 France	17	(a) M.	(a)	.58- .68- —
1874 France	523	(a) M.	60-60-60	.68- .77- —
1874 Germany	76	(a) M.	60-60-60	.75- .79- —
1874 Germany	168	(a) M.	(a)	.79-1.07- —
1874 Germany	177	(a) M.	72-72-72	.77- .77- .77
1874 Germany	713	(a) M.	(a)	.60- .60- .60
1874 Ireland	569	(a) M.	54-54-54	.73- .73- .73
1874 Scotland	177	(a) M.	51-51-51	1.02-1.02-1.02
1874 Wales	185	(a) M.	(a)	.92-1.25- —
1875 Cal	16	19 M.	48-60-58	3.00-3.00-3.00
1875 Conn	190	57 M.	48-60-54	1.20-2.00-1.58
1875 Ill	16	40 M.	60-60-60	1.00-1.25-1.06
1875 La	16	15 M.	60-60-60	1.50-1.50-1.50
1875 Md	16	34 M.	59-59-59	1.25-1.75-1.45
1875 Mass	16	53 M.	60-60-60	1.75-2.50-1.98
1875 Mass	190	49 M.	60-60-60	1.62-2.00-1.84
1875 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1875 Mo	16	7 M.	60-60-60	1.25-1.50-1.32
1875 N. Y.	16	316 M.	54-60-59	2.00-2.00-2.00
1875 N. Y.	190	25 M.	48-60-55	1.25-2.25-1.70
1875 Ohio	16	4 M.	60-60-60	2.75-2.75-2.75
1875 Pa	16	20 M.	60-60-60	2.00-2.50-2.08
1875 Pa	190	22 M.	54-54-54	2.00-2.00-2.00
1875 Va	16	14 M.	60-60-60	1.00-1.00-1.00
1875 Belgium	16	(a) M.	(a)	.39- .49- —
1875 France	16	(a) M.	(a)	.77- .77- .77
1875 France	17	(a) M.	(a)	.58- .68- —
1875 France	523	(a) M.	60-60-60	.68- .77- —
1875 Germany	177	(a) M.	72-72-72	.77- .77- .77

a Not reported.
b Applies to but 2 of the 4 wage quotations.
c And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Scotland	177	(a) M.	51-51-51	1.02-1.11- —
1876 Cal	16	19 M.	48-60-57	2.50-3.00-2.63
1876 Conn	190	45 M.	48-60-56	1.20-2.00-1.48
1876 Ill	16	50 M.	60-60-60	1.00-1.25-1.05
1876 La	16	12 M.	60-60-60	1.50-1.50-1.50
1876 Md	16	31 M.	59-59-59	1.50-1.75-1.57
1876 Mass	16	29 M.	60-60-60	1.75-2.25-1.88
1876 Mass	190	48 M.	60-60-60	1.62-2.00-1.82
1876 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1876 Mo	16	9 M.	60-60-60	1.25-1.50-1.33
1876 N. Y	16	337 M.	54-60-58	1.75-2.25-1.94
1876 N. Y	190	19 M.	48-60-54	1.25-2.25-1.62
1876 Ohio	16	3 M.	60-60-60	2.75-2.75-2.75
1876 Pa	16	29 M.	60-60-60	1.75-2.25-1.83
1876 Pa	190	15 M.	54-54-54	1.75-1.75-1.75
1876 Pa	381	1 M.	(a)	1.75-1.75-1.75
1876 Va	16	16 M.	60-60-60	1.00-1.00-1.00
1876 Australia	171	(a) M.	(a)	1.94-1.94-1.94
1876 Belgium	16	(a) M.	(a)	.43- .54- —
1876 France	16	(a) M.	(a)	.77- .77- .77
1876 France	17	(a) M.	(a)	.58- .68- —
1876 France	523	(a) M.	60-60-60	.68- .77- —
1876 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11
1877 Cal	16	16 M.	48-60-57	2.50-3.00-2.63
1877 Conn	190	26 M.	48-60-58	1.00-2.00-1.42
1877 Ill	16	60 M.	60-60-60	1.00-1.00-1.00
1877 La	16	14 M.	60-60-60	1.50-1.50-1.50
1877 Md	16	33 M.	53-53-53	1.50-2.00-1.67
1877 Mass	16	30 M.	60-60-60	1.75-2.00-1.87
1877 Mass	190	48 M.	60-60-60	1.50-2.00-1.74
1877 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1877 Mo	16	11 M.	60-60-60	1.25-1.50-1.34
1877 N. Y	16	328 M.	54-60-58	1.50-2.25-1.79
1877 N. Y	190	17 M.	48-60-54	1.00-2.25-1.46
1877 Ohio	16	3 M.	60-60-60	2.50-2.50-2.50
1877 Pa	16	34 M.	60-60-60	1.50-2.25-1.60
1877 Pa	190	15 M.	54-54-54	1.75-1.75-1.75
1877 Va	16	15 M.	60-60-60	1.00-1.00-1.00
1877 Belgium	16	(a) M.	(a)	.46- .56- —
1877 England	45	(a) M.	(a)	.92- .97- —
1877 England	570	(a) M.	67-67-67	.81- .81- .81
1877 France	16	(a) M.	(a)	.87- .87- .87
1877 France	17	(a) M.	(a)	.58- .68- —
1877 France	523	(a) M.	60-60-60	.77- .77- .77
1877 Scotland	177	(a) M.	51-51-51	1.11-1.11-1.11
1878 Cal	16	24 M.	48-60-53	2.25-2.50-2.35
1878 Conn	190	26 M.	48-60-54	1.25-1.75-1.48
1878 Ill	16	60 M.	60-60-60	1.50-1.50-1.50
1878 La	16	12 M.	60-60-60	1.50-1.50-1.50
1878 Md	16	54 M.	53-53-53	1.50-2.00-1.76
1878 Mass	16	24 M.	60-60-60	2.00-2.25-2.02
1878 Mass	190	47 M.	60-60-60	1.50-2.00-1.74
1878 Minn	16	15 M.	60-60-60	1.75-1.75-1.75
1878 Mo	16	10 M.	60-60-60	1.50-1.75-1.60
1878 N. Y	16	357 M.	54-60-58	1.50-2.25-1.76
1878 N. Y	190	34 M.	48-60-56	1.00-2.25-1.37
1878 Ohio	16	3 M.	60-60-60	2.50-2.50-2.50
1878 Pa	16	13 M.	60-60-60	1.25-2.25-1.63
1878 Pa	190	28 M.	54-54-54	1.50-1.50-1.50
1878 Pa	383	9 M.	b54-60-56	.85-1.25- .97
1878 Va	16	17 M.	60-60-60	1.00-1.00-1.00
1878 Belgium	16	(a) M.	(a)	.40- .50- —
1878 Canada	177	(a) M.	(a)	1.25-1.25-1.25
1878 England	177	(a) M.	c49-65 —	.60-1.20- —
1878 England	177	(a) M.	(a)	d .07½-.11- —
1878 France	16	(a) M.	(a)	.87- .87- .87
1878 France	17	(a) M.	(a)	.58- .68- —
1878 France	523	(a) M.	60-60-60	.77- .77- .77
1878 Germany	76	(a) M.	60-60-60	.75- .79- —
1878 Germany	177	(a) M.	(a)	.55- .65- —
1878 Germany	544	(a) M.	(a)	d 0.07-0.07-0.07
1878 Italy	177	(a) M.	(a)	.35- .43- —
1878 Scotland	177	(a) M.	51-60 —	.82-1.12- —
1878 Wales	177	(a) M.	54-54-54	.73-1.00- —
1879 Cal	16	20 M.	48-60-55	2.50-3.00-2.70
1879 Conn	190	29 M.	60-60-60	1.25-1.75-1.28
1879 Ill	16	80 M.	60-60-60	1.50-1.50-1.50
1879 La	16	15 M.	60-60-60	1.50-1.50-1.50
1879 Md	16	52 M.	53-53-53	1.50-2.00-1.74
1879 Mass	16	21 M.	60-60-60	2.00-2.00-2.00
1879 Mass	190	42 M.	60-60-60	1.62-2.00-1.73
1879 Minn	16	15 M.	60-60-60	1.75-1.75-1.75
1879 Mo	16	16 M.	60-60-60	1.50-1.75-1.61
1879 N. Y	16	440 M.	54-60-58	1.50-2.25-1.85
1879 N. Y	190	17 M.	48-60-55	1.00-2.00-1.38
1879 Ohio	16	3 M.	60-60-60	2.25-2.25-2.25
1879 Ohio	361	1 M.	(a)	1.25-1.25-1.25
1879 Pa	16	18 M.	60-60-60	1.25-2.00-1.42
1879 Pa	190	30 M.	54-54-54	1.50-1.50-1.50
1879 Va	16	16 M.	60-60-60	1.00-1.00-1.00
1879 Belgium	16	(a) M.	(a)	.29- .50- —
1879 France	16	(a) M.	(a)	.87- .87- .87
1879 France	17	(a) M.	(a)	.58- .68- —
1879 Germany	76	(a) M.	66-66-66	.71- .79- —
1879 Germany	545	(a) M.	(a)	.48- .60- —
1880 Cal	16	16 M.	48-60-56	2.50-2.50-2.50
1880 Conn	190	22 M.	48-60-58	1.10-1.75-1.49
1880 Ill	16	80 M.	60-60-60	1.50-1.50-1.50
1880 La	16	15 M.	60-60-60	1.50-1.50-1.50
1880 Md	16	50 M.	53-53-53	1.50-2.00-1.73
1880 Mass	16	25 M.	60-60-60	1.75-2.25-1.95
1880 Mass	190	44 M.	60-60-60	1.75-1.75-1.75
1880 Minn	16	15 M.	60-60-60	1.75-2.00-1.92
1880 Mo	16	15 M.	60-60-60	1.75-2.00-1.83
1880 N. Y	16	402 M.	54-60-58	1.75-2.25-2.03
1880 N. Y	190	28 M.	48-60-56	1.13-1.88-1.42
1880 Ohio	16	3 M.	60-60-60	2.25-2.25-2.25
1880 Pa	16	26 M.	60-60-60	1.50-2.00-1.73
1880 Pa	190	25 M.	54-54-54	1.50-1.50-1.50
1880 Va	16	12 M.	60-60-60	1.00-1.00-1.00
1880 Belgium	16	(a) M.	(a)	.29- .56- —
1880 France	16	(a) M.	(a)	.87- .87- .87
1880 France	17	(a) M.	(a)	.68- .77- —
1880 France	523	(a) M.	(a)	.97- .97- .97
1881 Cal	16	17 M.	48-60-56	2.50-2.50-2.50
1881 Conn	190	38 M.	48-60-55	1.50-2.00-1.79
1881 D. C	2	10 M.	60-60-60	1.87-1.87-1.87
1881 Ill	16	80 M.	60-60-60	1.50-1.50-1.50
1881 La	16	14 M.	60-60-60	1.50-1.50-1.50
1881 Md	16	42 M.	48-48-48	1.50-2.00-1.73
1881 Mass	16	33 M.	60-60-60	1.75-1.75-1.75
1881 Mass	190	72 M.	60-60-60	1.50-2.00-1.56
1881 Minn	16	17 M.	60-60-60	1.75-2.00-1.90
1881 Mo	2	176 M.	60-60-60	1.75-1.75-1.75
1881 Mo	16	20 M.	60-60-60	2.50-3.00-2.63
1881 N. Y	16	437 M.	54-60-58	2.25-2.25-2.25
1881 N. Y	190	48 M.	48-60-55	1.00-2.50-1.80
1881 Ohio	16	3 M.	60-60-60	2.50-2.50-2.50
1881 Pa	2	60 M.	60-60-60	1.50-2.00-1.75
1881 Pa	16	21 M.	60-60-60	1.50-2.00-1.90
1881 Pa	190	25 M.	54-54-54	1.75-1.75-1.75
1881 Va	16	14 M.	60-60-60	1.00-1.00-1.00
1881 Australia	431	(a) (a)	(a)	1.70-2.19- —
1881 Belgium	16	(a) M.	(a)	.39- .55- —
1881 France	16	(a) M.	(a)	1.06-1.06-1.06
1881 France	17	(a) M.	(a)	.68- .77- —
1881 Scotland	29	(a) (a)	51-51-51	.75- .89- —
1882 Cal	16	14 M.	48-60-57	3.00-3.00-3.00
1882 Conn	190	64 M.	48-60-54	1.60-2.25-1.96
1882 Del	2	65 M.	50-50-50	2.00-2.00-2.00

a Not reported.
b Not including hours of 6 persons not reported.
c Applies to but 166 of the 167 wage quotations.
d Per hour.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Ill.	2	150 M.	60-60-60	1.75-1.75-1.75
1882 Ili.	16	100 M.	60-60-60	1.50-1.50-1.50
1882 Ill.	206	10 M.	60-60-60	1.62-1.62-1.62
1882 La.	16	10 M.	60-60-60	1.50-1.50-1.50
1882 Md.	16	40 M.	48-48-48	1.50-1.75-1.61
1882 Mass.	16	31 M.	60-60-60	1.75-2.25-1.85
1882 Mass.	190	94 M.	60-60-60	1.50-2.00-1.67
1882 Minn.	16	17 M.	60-60-60	2.00-2.00-2.00
1882 Mo.	2	200 M.	60-60-60	1.85-1.85-1.85
1882 Mo.	16	20 M.	60-60-60	2.50-2.75-2.59
1882 Mo.	294	13 M.	60-60-60	2.75-3.00-2.87
1882 N. J.	321	40 M.	(a)	2.00-2.00-2.00
1882 N. Y.	16	426 M.	54-60-58	2.25-2.50-2.43
1882 N. Y.	190	48 M.	48-60-57	1.00-2.50-1.65
1882 Ohio	16	5 M.	60-60-60	2.50-2.50-2.50
1882 Pa.	16	21 M.	60-60-60	1.75-2.00-1.95
1882 Pa.	190	25 M.	54-54-54	1.75-1.75-1.75
1882 Va.	16	21 M.	60-60-60	1.13-1.13-1.13
1882 Belgium	16	(a) M.	(a)	.37- .56- —
1882 France	16	(a) M.	(a)	1.06-1.06-1.06
1882 France	17	(a) M.	(a)	.68- .77- —
1882 France	523	(a) M.	60-60-60	.97- .97- .97
1882 Germany	31	(a) M.	60-60-60	.24- .62- —
1882 Germany	554	(a) (a)	60-60-60	.83- .83- .83
1882 Scotland	37	(a) M.	51-51-51	.89- .89- .89
1883 Cal.	16	13 M.	48-57-55	3.00-3.00-3.00
1883 Conn.	190	26 M.	60-60-60	1.67-2.00-1.99
1883 Ill.	16	100 M.	60-60-60	1.50-1.50-1.50
1883 La.	16	12 M.	60-60-60	1.50-1.50-1.50
1883 Md.	16	50 M.	48-48-48	1.50-2.00-1.75
1883 Mass.	16	57 M.	60-60-60	1.75-2.25-1.94
1883 Mass.	190	88 M.	60-60-60	1.50-2.00-1.89
1883 Mass.	273	144 M.	(a)	1.35-2.00-1.98
1883 Minn.	16	17 M.	60-60-60	2.00-2.00-2.00
1883 Mo.	2	70 M.	60-60-60	1.75-2.00-1.88
1883 Mo.	16	24 M.	60-60-60	2.75-3.00-2.82
1883 N. J.	322	276 M.	b 60-60-60	2.00-2.75-2.36
1883 N. Y.	16	564 M.	54-60-58	2.25-2.50-2.41
1883 N. Y.	190	38 M.	48-60-56	1.38-2.50-1.84
1883 Ohio	16	3 M.	60-60-60	2.75-2.75-2.75
1883 Pa.	16	22 M.	60-60-60	1.75-2.50-2.08
1883 Pa.	190	28 M.	54-54-54	2.00-2.00-2.00
1883 Va.	16	31 M.	60-60-60	1.25-1.25-1.25
1883 Belgium	16	(a) M.	(a)	.37- .56- —
1883 Canada	178	(a) (a)	60-60-60	1.00-1.33- —
1883 England	45	(a) M.	(a)	.60-1.01- —
1883 England	572	(a) (a)	(a)	c.10- .11- —
1883 France	16	(a) M.	(a)	1.06-1.06-1.06
1883 France	17	(a) M.	(a)	.68- .77- —
1883 Gr't Brit	273	(a) M.	(a)	.77- .99- —
1883 Ireland	43	(a) (a)	(a)	.49- .57- —
1883 Malta	178	(a) M.	(a)	.24- .36- —
1883 Scotland	572	(a) (a)	(a)	c.09½-.09½-.09½
1884 Cal.	16	13 M.	48-57-55	3.00-3.00-3.00
1884 Cal.	192	32 M.	60-60-60	2.00-2.00-2.00
1884 Conn.	190	60 M.	48-60-55	1.60-2.25-1.96
1884 D. C.	2	430 M.	58-58-58	2.00-2.00-2.00
1884 Ill.	16	100 M.	60-60-60	1.75-1.75-1.75
1884 La.	16	12 M.	60-60-60	1.50-1.50-1.50
1884 Md.	16	50 M.	48-48-48	1.50-2.00-1.75
1884 Mass.	16	42 M.	60-60-60	1.75-2.00-1.98
1884 Mass.	190	50 M.	60-60-60	1.50-1.50-1.50
1884 Mich.	278	3 M.	(a)	1.50-1.75-1.67
1884 Minn.	16	17 M.	60-60-60	2.00-2.00-2.00
1884 Mo.	16	36 M.	60-60-60	2.75-3.00-2.82
1884 Mo.	295	7 M.	60-60-60	2.75-3.00-2.89
1884 N. J.	2	24 M.	59-59-59	2.25-2.50-2.38
1884 N. J.	323	218 M.	d 60-60-60	1.67-2.25-1.79
1884 N. Y.	16	446 M.	54-60-57	2.25-2.50-2.39
1884 N. Y.	190	41 M.	54-60-59	1.25-2.50-1.67
1884 Ohio	16	3 M.	60-60-60	2.75-2.75-2.75
1884 Pa.	16	10 M.	60-60-60	1.75-2.25-2.03
1884 Pa.	190	28 M.	54-54-54	2.00-2.00-2.00
1884 Va.	16	26 M.	60-60-60	1.25-1.25-1.25
1884 Australia	178	(a) M.	48-48-48	1.46-1.94- —
1884 Aust-Hun.	178	(a) M.	60-72 —	.20- .47- —
1884 Aust-Hun.	178	(a) M.	63-63-63 e	.40- .40- .40
1884 Aust-Hun.	178	(a) F.	72-72-72	.16- .20- —
1884 Azores	178	(a) M.	60-60-60	.17- .35- —
1884 Belgium	16	(a) M.	(a)	.37- .56- —
1884 Belgium	178	(a) M.	f 60-72 —	.38- .70- —
1884 Brazil	178	(a) M.	g 60-60-60	.32-1.68- —
1884 Br. Guiana	178	(a) M.	54-54-54	.32- .56- —
1884 Canada	178	(a) M.	h 60-60-60	.80-1.80- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	.42-1.00- —
1884 Ceylon	178	(a) (a)	53-53-53	.09- .14- —
1884 China	178	(a) M.	60-60-60	.23- .35- —
1884 Colombia	178	(a) (a)	60-72 —	.20- .81- —
1884 Cuba	178	(a) M.	i 59-59-59	.75-1.86- —
1884 Denmark	178	(a) M.	60-60-60	.54- .89- —
1884 Ecuador	178	(a) M.	60-60-60	.60-1.00- —
1884 England	178	(a) M.	j 49-57 —	.49-1.34- —
1884 England	178	(a) M.	(a)	c .05- .16- —
1884 Falkl'd Is.	178	(a) (a)	(a)	c .15- .15- .15
1884 France	16	(a) M.	(a)	1.06-1.06-1.06
1884 France	17	(a) M.	(a)	.68- .77- —
1884 France	178	(a) M.	60-72 —	.39- .68- —
1884 France	178	(a) M.	60-60-60	k .68- .68- .68
1884 Germany	178	(a) M.	l 60-72 —	.20-1.19- —
1884 Germany	556	(a) (a)	54-54-54	1.19-1.39- —
1884 Gibraltar	178	(a) M.	56-56-56	.46- .71- —
1884 Hawai. Is.	178	(a) (a)	54-54-54	1.50-2.50- —
1884 Honduras	178	(a) (a)	54-54-54	.90- .90- .90
1884 Ireland	178	(a) M.	n 56-60 —	.49- .73- —
1884 Italy	178	(a) M.	o 60-72 —	.09½-.58- —
1884 Madeira Is	178	(a) M.	54-54-54	.37- .37- .37
1884 Malta	178	(a) M.	54-60 —	.32- .46- —
1884 Mexico	178	(a) (a)	p 60-60-60	.25-1.25- —
1884 Morocco	178	(a) (a)	60-72 —	.10- .75- —
1884 Netherl'ds	178	(a) M.	60-63 —	.25- .73- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.46-1.95- —
1884 Persia	178	(a) (a)	(a)	.16- .48- —
1884 Peru	178	(a) M.	(a)	.82-1.00- —
1884 Philip. Is.	178	(a) M.	(a)	.38- .50- —
1884 Russia	178	(a) M.	q 60-75 —	.20- .97- —
1884 Scotland	178	(a) M.	r 51-51-51	.68-1.03- —
1884 S'ra Leone	178	(a) M.	48-48-48	.24- .30- —
1884 Spain	178	(a) M.	54-72 —	.25- .68- —
1884 Switzerl'd	178	(a) M.	s 60-66 —	.31- .91- —
1884 Turkey	178	(a) M.	(a)	.32- .33- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.12- .41- —
1884 Venezuela	178	(a) (a)	(a)	.38- .96- —
1884 Wales	178	(a) M.	54-54-54	.49- .90- —
1885 Cal.	16	15 M.	48-57-54	3.00-3.00-3.00
1885 Conn.	190	63 M.	48-60-51	1.60-2.25-1.94
1885 Ill.	16	100 M.	48-48-48	1.75-1.75-1.75

a Not reported.
b Not including hours of 200 persons not reported.
c Per hour.
d Not including hours of 215 persons not reported.
e And rent.
f Applies to but 18 of the 24 wage quotations.
g Applies to but 6 of the 10 wage quotations.
h Applies to but 76 of the 92 wage quotations.
i Applies to but 2 of the 8 wage quotations.
j Applies to but 153 of the 225 wage quotations.
k And lodging and fuel.
l Applies to but 139 of the 159 wage quotations.
n Applies to but 16 of the 22 wage quotations.
o Applies to but 42 of the 45 wage quotations.
p Applies to but 21 of the 29 wage quotations.
q Applies to but 28 of the 30 wage quotations.
r Applies to but 42 of the 53 wage quotations.
s Applies to but 24 of the 39 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Ind	1	1	M.	60-60-60	1.25-1.25-1.25
1885 Kans	2	12	M.	60-60-60	1.50-1.50-1.50
1885 Ky	1	1	M.	60-60-60	1.50-1.50-1.50
1885 La	16	10	M.	60-60-60	1.50-1.50-1.50
1885 Md	16	50	M.	48-48-48	2.00-2.50-2.23
1885 Mass	1	1	M.	60-60-60	1.15-1.15-1.15
1885 Mass	16	15	M.	60-60-60	1.75-2.25-1.88
1885 Mass	190	106	M.	60-60-60	1.50-2.00-1.63
1885 Minn	16	17	M.	60-60-60	2.00-2.00-2.00
1885 Mo	16	8	M.	60-60-60	2.75-3.00-2.85
1885 N. J	324	157	M.	60-60-60	1.50-2.00-1.67
1885 N. Y	1	3	M.	60-60-60	1.10-1.13-1.12
1885 N. Y	2	26	M.	58-58-58	1.50-1.75-1.63
1885 N. Y	16	446	M.	54-60-57	2.25-2.50-2.39
1885 N. Y	190	23	M.	54-60-55	1.35-2.50-2.27
1885 Ohio	1	2	M.	72-72-72	1.25-1.25-1.25
1885 Ohio	16	5	M.	60-60-60	2.75-2.75-2.75
1885 Pa	1	9	M.	60-60 60	1.65-2.00-1.88
1885 Pa	16	24	M.	54-60-59	2.00-2.25-2.04
1885 Pa	190	15	M.	54-54-54	2.25-2.25-2.25
1885 Va	16	18	M.	60-60-60	1.25-1.25-1.25
1885 Australia	431	(a)	(a)	(a)	1.70-2.43- —
1885 Belgium	16	(a)	M.	(a)	.30- .53- —
1885 Ecuador	134	(a)	(a)	(a)	.12- .12- .12
1885 France	16	(a)	M.	(a)	1.06-1.06-1.06
1885 France	17	(a)	M.	(a)	.68- .77- —
1885 Germany	76	(a)	M.	60-66 —	.75- .75- .75
1885 Gr't Brit	1	(a)	M.	72-72-72	.72- .72- .72
1886 Cal	16	19	M.	48-57-55	3.00-3.00-3.00
1886 Cal	193	188	M.	b 60-60-60	1.04-2.30-1.52
1886 Cal	193	5	M.	48-48-48	c 2.50-2.50-2.50
1886 Conn	190	20	M.	48-54-52	1.60-2.00-1.88
1886 D. C	2	475	M.	53-53-53	2.00-2.00-2.00
1886 Ill	16	100	M.	48-48-48	1.75-1.75-1.75
1886 Ill	208	223	M.	57-60-60	1.50-2.00-1.55
1886 Kans	240	1	M.	60-60-60	2.00-2.00-2.00
1886 Ky	2	191	M.	60-60-60	2.00-2.00-2.00
1886 La	16	11	M.	60-60-60	1.50-1.50-1.50
1886 Md	16	60	M.	48-48-48	2.00-2.25-2.13
1886 Mass	2	15	M.	60-60-60	1.25-1.25-1.25
1886 Mass	16	47	M.	58-60-59	1.75-2.00-1.93
1886 Mass	190	70	M.	60-60-60	1.50-2.00-1.63
1886 Minn	16	17	M.	60-60-60	2.00-2.00-2.00
1886 Mo	16	17	M.	48-48-48	2.20-2.40-2.26
1886 N. J	325	1	M.	60-60-60	2.00-2.00-2.00
1886 N. Y	16	436	M.	54-54-54	2.25-2.52-2.40
1886 N. Y	190	17	M.	54-60-56	1.35-2.50-2.20
1886 N. Y	331	17	M.	53-53-53	2.13-2.13-2.13
1886 Ohio	16	3	M.	60-60-60	2.75-2.75-2.75
1886 Pa	16	13	M.	54-54-54	2.00-2.50-2.17
1886 Pa	190	15	M.	54-54-54	2.25-2.25-2.25
1886 Va	2	422	M.	58-60-60	1.25-1.75-1.48
1886 Va	16	13	M.	60-60-60	1.25-1.25-1.25
1886 Argentina	57	(a)	M.	d 60-60-60	.80-1.50- —
1886 Belgium	16	(a)	M.	(a)	.30- .54- —
1886 Belgium	456	(a)	(a)	(a)	.34- .43- —
1886 Belgium	456	(a)	(a)	(a)	e.05- .05- .05
1886 England	604	(a)	M.	(a)	.81- .81- .81
1886 France	16	(a)	M.	(a)	1.06-1.06-1.06
1886 France	17	(a)	M.	(a)	.68- .77- —
1886 Italy	633	(a)	M.	60-60-60	.48- .77- —
1887 Cal	16	19	M.	48-57-55	3.00-3.00-3.00
1887 Conn	4	2	M.	(a)	1.75-1.85-1.80
1887 Conn	190	20	M.	48-54-52	1.78-2.00-1.92
1887 Del	4	1	M.	(a)	e.14- .14- .14
1887 Ill	16	125	M.	48-48-48	1.75-1.75-1.75
1887 Kans	241	7	M.	f 60-60-60	1.40-2.00-1.64
1887 La	16	10	M.	60-60-60	1.50-1.50-1.50
1887 Me	4	1	M.	(a)	1.25-1.25-1.25
1887 Md	4	79	M.	(a)	1.00-2.50-1.57
1887 Md	16	40	M.	48-48-48	2.25-2.50-2.34
1887 Mass	4	25	M.	(a)	1.20-2.00-1.52
1887 Mass	16	42	M.	51-58-57	2.00-2.07-2.02
1887 Mass	190	74	M.	60-60-60	1.50-2.00-1.53
1887 Mich	4	5	M.	(a)	1.50-1.60-1.56
1887 Minn	16	17	M.	60-60-60	2.00-2.00-2.00
1887 Mo	4	9	M.	(a)	1.25-1.50-1.47
1887 Mo	16	23	M.	48-48-48	2.40-2.60-2.46
1887 N. J	4	4	M.	(a)	1.40-1.70-1.60
1887 N. Y	4	89	M.	(a)	1.25-1.88-1.41
1887 N. Y	4	49	M.	(a)	e.10- .20- .15
1887 N. Y	16	444	M.	54-54-54	2.25-2.52-2.40
1887 N. Y	190	13	M.	54-60-56	1.50-2.50-2.20
1887 N. Y	331	216	M.	53-60-55	1.50-2.50-1.86
1887 Ohio	16	4	M.	60-60-60	2.50-2.50-2.50
1887 Ohio	369	2450	M.	54-60-58	1.10-2.50-1.97
1887 Pa	4	705	M.	g 60-60-60	1.20-3.50-1.48
1887 Pa	4	11	M.	(a)	e.10- .17½-.14
1887 Pa	16	23	M.	54-54-54	2.00-2.50-2.26
1887 Pa	190	15	M.	54-54-54	2.25-2.25-2.25
1887 Pa	390	12	M.	(a)	1.76-1.76-1.76
1887 R. I	4	1	M.	(a)	1.25-1.25-1.25
1887 Va	16	14	M.	60-60-60	1.25-1.25-1.25
1887 Wis	4	1	M.	(a)	1.50-1.50-1.50
1887 Wis	409	17	M.	(a)	1.50-1.75-1.53
1887 Belgium	16	(a)	M.	(a)	.29- .54- —
1887 France	16	(a)	M.	(a)	1.06-1.06-1.06
1887 France	17	(a)	M.	(a)	.68- .77- —
1888 Cal	16	15	M.	48-57-54	3.00-3.00-3.00
1888 Conn	190	51	M.	48-54-53	1.78-2.00-1.98
1888 Ill	16	135	M.	48-48-48	1.75-1.75-1.75
1888 La	16	12	M.	60-60-60	1.50-1.50-1.50
1888 Md	16	33	M.	48-48-48	2.25-2.50-2.39
1888 Mass	16	42	M.	54-54-54	2.07-2.07-2.07
1888 Mass	190	62	M.	60-60-60	1.50-1.75-1.50
1888 Minn	16	17	M.	60-60-60	2.00-2.00-2.00
1888 Mo	16	15	M.	48-48-48	2.80-3.00-2.90
1888 N. J	326	14	(a)	51-60-54	1.60-2.50-2.21
1888 N. Y	16	438	M.	54-54-54	2.25-2.52-2.40
1888 N. Y	190	14	M.	54-60-56	1.50-2.50-2.23
1888 N. Y	331	1201	M.	h 53-60-58	1.13-2.75-1.62
1888 Ohio	16	4	M.	60-60-60	2.50-2.50-2.50
1888 Pa	16	14	M.	54-54-54	2.00-2.50-2.21
1888 Pa	190	17	M.	54-54-54	2.25-2.25-2.25
1888 Va	16	14	M.	60-60-60	1.25-1.25-1.25
1888 Belgium	16	(a)	M.	(a)	.29- .53- —
1888 England	5	(a)	M.	i 54-54-54	.55- .55- .55
1888 France	16	(a)	M.	(a)	1.06-1.06-1.06
1888 France	17	(a)	M.	(a)	.68- .77- —
1888 Germany	558	(a)	(a)	36-60 —	1.31-1.51- —
1889 Ala	5	6	M.	60-66-65	1.00-1.20-1.03
1889 Cal	16	14	M.	48-57-54	3.00-3.00-3.00
1889 Conn	190	26	M.	48-54-51	1.78-2.00-1.89
1889 Ill	5	23	M.	60-60-60	1.25-1.50-1.39
1889 Ill	16	150	M.	48-48-48	1.75-1.75-1.75
1889 Kans	243	5	M.	60-60-60	1.40-1.75-1.53
1889 La	16	12	M.	60-60-60	1.50-1.50-1.50
1889 Md	16	40	M.	48-48-48	2.25-2.50-2.38
1889 Mass	16	41	M.	54-54-54	1.98-2.07-2.04
1889 Mass	190	92	M.	60-60-60	1.50-2.00-1.54
1889 Minn	16	25	M.	60-60-60	2.00-2.00-2.00
1889 Mo	16	29	M.	48-48-48	2.80-3.00-2.86
1889 N. H	6	1	M.	(a)	1.25-1.25-1.25
1889 N. Y	5	35	M.	j 60-60-60	1.25-1.75-1.52

a Not reported.
b Not including hours of 23 persons not reported.
c And board.
d Applies to but 2 of the 4 wage quotations.
e Per hour.
f Not including hours of 2 persons not reported.
g Not including hours of 702 persons not reported.
h Not including hours of 623 persons not reported.
i Applies to but 1 of the 2 wage quotations.
j Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 N. Y.	16	731 M.	48-54-50	2.40-2.52-2.45
1889 N. Y.	190	10 M.	54-60-56	1.50-2.50-2.21
1889 Ohio	5	5 M.	*a* 60-60-60	1.13-1.75-1.47
1889 Ohio	16	4 M.	60-60-60	2.50-2.50-2.50
1889 Pa	5	28 M.	*b* 60-60-60	1.25-2.00-1.55
1889 Pa	16	33 M.	54-54-54	2.13-2.50-2.42
1889 Pa	190	16 M.	54-54-54	2.25-2.25-2.25
1889 Va	16	17 M.	60-60-60	1.25-1.25-1.25
1889 W. Va	5	2 M.	(*c*)	1.71-1.71-1.71
1889 Wis	410	4 M.	(*c*)	1.43-2.18-1.68
1889 Belgium	5	(*c*) M.	*d* 60-84 —	.21- .57- —
1889 Belgium	16	(*c*) M.	(*c*)	.39- .53- —
1889 Canada	5	(*c*) M.	*e* 60-60-60	1.10-1.20- —
1889 Denmark	520	(*c*) (*c*)	(*c*)	.67- .67- .67
1889 England	5	(*c*) M.	*f* 54-60 —	.35- .91- —
1889 England	576	(*c*) M.	60-63 —	.74- .85- —
1889 France	5	(*c*) M.	(*c*)	.30- .70- —
1889 France	16	(*c*) M.	(*c*)	1.06-1.06-1.06
1889 France	17	(*c*) M.	(*c*)	.68- .77- —
1889 Germany	5	(*c*) M.	*g* 72-84 —	.18- .44- —
1889 Germany	5	(*c*) F.	*h* 72-72-72	.17- .23- —
1889 Germany	6	(*c*) M.	(*c*)	.35- .46- —
1889 Netherl'ds	521	(*c*) M.	(*c*)	*i* .06- .06- .06
1889 N. Zealand	134	(*c*) M.	48-48-48	1.75-1.75-1.75
1889 Scotland	5	(*c*) M.	(*c*)	.81- .81- .81
1890 Cal.	16	25 M.	48-57-55	3.00-3.00-3.00
1890 Conn.	190	33 M.	48-54-51	1.78-2.00-1.91
1890 Ill.	12	1 M.	48-48-48	1.50-1.50-1.50
1890 Ill.	16	175 M.	48-48-48	1.75-1.75-1.75
1890 La	16	14 M.	60-60-60	1.50-1.50-1.50
1890 Md.	16	60 M.	48-48-48	2.25-2.50-2.37
1890 Mass	16	72 M.	54-54-54	1.98-2.07-2.05
1890 Mass	190	92 M.	60-60-60	1.50-2.00-1.60
1890 Minn.	16	25 M.	60-60-60	2.00-2.00-2.00
1890 Minn.	292	29 M.	(*c*)	1.25-2.00-1.72
1890 Mo	16	22 M.	48-48-48	2.80-3.00-2.86
1890 Nebr	313	14 M.	(*c*)	1.80-2.25-1.99
1890 N. Y.	10	2 M.	(*c*)	1.50-1.84-1.67
1890 N. Y.	16	701 M.	48-54-50	2.40-2.52-2.44
1890 N. Y.	190	5 M.	54-60-59	1.38-2.50-1.68
1890 N. Y.	333	26 M.	(*c*)	1.25-2.50-1.36
1890 Ohio	16	3 M.	54-54-54	2.52-2.52-2.52
1890 Pa	16	26 M.	54-54-54	2.25-2.50-2.40
1890 Pa	190	15 M.	54-54-54	2.25-2.25-2.25
1890 Va	16	22 M.	60-60-60	1.35-1.35-1.35
1890 Belgium	5	(*c*) M.	(*c*)	.53- .53- .53
1890 Belgium	16	(*c*) M.	(*c*)	.39- .53- —
1890 England	5	(*c*) M.	(*c*)	.77- .77- .77
1890 England	576	(*c*) M.	60-63 —	.85- .99- —
1890 England	577	(*c*) M.	49-62 —	.57-1.24- —
1890 France	16	(*c*) M.	(*c*)	1.06-1.06-1.06
1890 France	17	(*c*) M.	(*c*)	.68- .77- —
1890 Ireland	577	(*c*) M.	54-54-54	.69- .69- .69
1890 Scotland	577	(*c*) M.	51-60 —	.60-1.03- —
1890 Wales	577	(*c*) M.	54-54-54	1.00-1.00-1.00
1891 Cal.	16	22 M.	48-57-55	3.00-3.00-3.00
1891 Conn.	190	36 M.	48-54-53	1.78-2.12-2.03
1891 Ill	16	175 M.	48-48-48	1.75-1.75-1.75
1891 La	16	15 M.	54-54-54	1.35-1.35-1.35
1891 Me	257	20 M.	60-60-60	1.50-2.00-1.64
1891 Md.	16	40 M.	48-48-48	2.25-2.50-2.36
1891 Mass	16	48 M.	54-54-54	1.98-2.07-2.05
1891 Mass	190	78 M.	60-60-60	1.50-2.00-1.60
1891 Minn	16	25 M.	60-60-60	1.75-2.00-1.85
1891 Mo	16	20 M.	48-48-48	2.80-3.00-2.90
1891 N. Y.	16	746 M.	48-48-48	2.24-2.40-2.34
1891 N. Y.	190	9 M.	48-60-52	1.50-2.50-2.18
1891 N. Y.	333	37 M.	(*c*)	1.25-2.50-1.48
1891 Ohio	16	3 M.	54-54-54	2.48-2.48-2.48
1891 Pa	16	3 M.	54-54-54	2.00-2.50-2.33
1891 Pa	190	15 M.	54-54-54	2.25-2.25-2.25
1891 Va	16	20 M.	60-60-60	1.35-1.35-1.35
1891 Wis	411	242 M.	(*c*)	*i* .12½-.27½-.18½
1891 Australia	134	(*c*) M.	(*c*)	1.53-1.53-1.53
1891 Belgium	16	(*c*) M.	(*c*)	.37- .53- —
1891 Belgium	457	(*c*) M.	(*c*)	.30- .30- .30
1891 China	105	(*c*) (*c*)	(*c*)	.12- .17- —
1891 England	578	(*c*) M.	45-62 —	.57-1.24- —
1891 France	16	(*c*) M.	(*c*)	1.06-1.06-1.06
1891 France	17	(*c*) M.	(*c*)	.68- .77- —
1891 Germany	103	(*c*) M.	(*c*)	*i* .10- .10- .10
1891 Ireland	578	(*c*) M.	54-54-54	.57- .73- —
1891 Ireland	632	(*c*) M.	54-54-54	.44- .55- —
1891 Italy	634	(*c*) M.	(*c*)	.31- .31- .31
1891 Italy	638	(*c*) M.	60-66 —	.21- .77- —
1891 Scotland	578	(*c*) M.	51-60 —	.60-1.03- —
1891 Wales	578	(*c*) M.	54-54-54	.91-1.09- —
1892 Cal.	16	25 M.	48-57-55	3.00-3.00-3.00
1892 Cal.	196	13 M.	48-48-48	3.50-3.50-3.50
1892 Conn.	190	28 M.	54-54-54	2.13-2.13-2.13
1892 Ill.	16	200 M.	48-48-48	1.75-1.75-1.75
1892 Iowa	235	3 M.	60-60-60	1.50-1.50-1.50
1892 La	16	12 M.	54-54-54	1.35-1.35-1.35
1892 Md.	16	44 M.	48-48-48	2.25-2.50-2.38
1892 Mass	16	35 M.	54-54-54	2.07-2.25-2.24
1892 Mich.	284	353 M.	*j* 54-60-56	1.25-2.00-1.58
1892 Minn	16	20 M.	60-60-60	1.75-2.00-1.88
1892 Mo	16	11 M.	48-48-48	2.80-3.00-2.90
1892 Mo	301	1 M.	(*c*)	3.00-3.00-3.00
1892 N. Y.	16	682 M.	48-48-48	2.40-2.40-2.40
1892 N. Y.	190	21 M.	48-60-53	1.50-2.50-2.15
1892 N. Y.	334	369 M.	54-54-54	1.50-2.25-2.24
1892 Ohio	16	3 M.	54-54-54	2.48-2.48-2.48
1892 Ohio	373	919 (*c*)	*k* 53-60-55	.75-2.50-2.05
1892 Pa	16	12 M.	54-54-54	2.00-2.50-2.42
1892 Pa	190	10 M.	54-54-54	2.00-2.00-2.00
1892 R. I	20	1 M.	60-60-60	1.50-1.50-1.50
1892 R. I	399	164 M.	54-60-59	1.50-2.50-1.85
1892 Va	16	23 M.	54-54-54	1.25-1.25-1.25
1892 Belgium	16	(*c*) M.	(*c*)	.39- .53- —
1892 Denmark	595	(*c*) M.	(*c*)	.81- .81- .81
1892 England	578	(*c*) M.	46-62 —	.55-1.24- —
1892 France	16	(*c*) M.	(*c*)	1.06-1.06-1.06
1892 France	17	(*c*) M.	(*c*)	.68- .77- —
1892 France	505	(*c*) M.	74-77 —	.63- .85- —
1892 Ireland	578	(*c*) M.	54-54-54	.73- .73- .73
1892 Italy	112	(*c*) M.	66-66-66	.30- .50- —
1892 Japan	134	(*c*) (*c*)	(*c*)	.19- .19- .19
1892 Scotland	578	(*c*) M.	51-60 —	.60-1.03- —
1892 Wales	578	(*c*) M.	54-54-54	.91-1.09- —
1893 Cal.	16	29 M.	48-54-53	3.00-3.00-3.00
1893 Ill	10	40 M.	48-60-48	1.50-2.50-1.78
1893 Ill	16	200 M.	48-48-48	1.75-1.75-1.75
1893 La	16	10 M.	54-54-54	1.35-1.35-1.35
1893 Md.	10	4 M.	54-60-59	1.50-2.50-2.04
1893 Md.	16	45 M.	48-48-48	2.00-2.25-2.14
1893 Mass	16	47 M.	54-54-54	2.07-2.25-2.22
1893 Mich.	285	2 M.	60-60-60	1.25-1.25-1.25
1893 Minn	16	13 M.	60-60-60	1.75-1.75-1.75
1893 Mo	16	12 M.	48-48-48	2.80-3.00-2.88
1893 Mont.	307	3 M.	48-48-48	3.75-4.00-3.83
1893 N. Y.	10	137 M.	48-60-54	1.25-2.50-1.96

a Not including hours of 1 person not reported.
b Not including hours of 14 persons not reported.
c Not reported.
d Applies to but 9 of the 15 wage quotations.
e Applies to but 1 of the 2 wage quotations.
f Applies to but 11 of the 18 wage quotations.
g Applies to but 4 of the 11 wage quotations.
h Applies to but 1 of the 14 wage quotations.
i Per hour.
j Not including hours of 201 persons not reported.
k Not including hours of 69 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 N. Y.	16	749 M.	48-48-48	2.40-2.40-2.40
1893 Ohio	16	2 M.	54-54-54	2.81-2.81-2.81
1893 Ohio	374	4 M.	60-60-60	2.00-2.00-2.00
1893 Pa	10	12 M.	53-60-55	1.50-2.67-2.28
1893 Pa	16	16 M.	54-54-54	2.00-2.50-2.28
1893 R. I	400	6 M.	(a)	2.24-2.25-2.25
1893 Va	16	15 M.	54-54-54	1.25-1.25-1.25
1893 Wis	412	411 M.	(a)	b.12½-.22½-.15½
1893 Belgium	16	(a) M.	(a)	.39- .53- —
1893 England	578	(a) M.	47-72 —	.65- .79- —
1893 England	589	(a) M.	49-62 —	.55-1.24- —
1893 France	16	(a) M.	(a)	1.06-1.06-1.06
1893 France	17	(a) M.	(a)	.68- .77- —
1893 France	507	(a) (a)	60-72 —	.39- .77- —
1893 Ireland	589	(a) M.	54-54-54	.73- .73- .73
1893 Italy	639	(a) M.	60-66 —	.21- .77- —
1893 Scotland	589	(a) M.	51-60 —	.60-1.03- —
1893 Wales	589	(a) M.	54-54-54	.91-1.00- —
1894 Cal.	16	15 M.	48-54-52	3.00-3.00-3.00
1894 Ill	16	80 M.	48-48-48	1.75-1.75-1.75
1894 La	16	15 M.	54-54-54	1.35-1.35-1.35
1894 Me	260	15 M.	60-60-60	1.50-1.75-1.58
1894 Md.	16	50 M.	48-48-48	2.00-2.50-2.20
1894 Mass	16	50 M.	48-54-52	2.00-2.25-2.19
1894 Minn	16	13 M.	60-60-60	1.75-1.75-1.75
1894 Mo.	16	12 M.	48-48-48	2.80-3.00-2.84
1894 N. Y	16	808 M.	48-48-48	2.40-2.40-2.40
1894 Ohio	16	2 M.	48-48-48	2.50-2.50-2.50
1894 Ohio	375	4 M.	60-60-60	1.25-1.25-1.25
1894 Pa	16	9 M.	54-54-54	2.00-2.50-2.22
1894 R. I	20	1 M.	60-60-60	1.50-1.50-1.50
1894 Va	16	25 M.	54-54-54	1.25-1.25-1.25
1894 Australia	134	(a) M.	48-48-48	1.58-1.60- —
1894 Belgium	16	(a) M.	(a)	.31- .53- —
1894 Canada	187	(a) M.	60-60-60	1.00-1.50- —
1894 England	590	(a) M.	(a)	b .06- .13- —
1894 France	16	(a) M.	(a)	1.06-1.06-1.06
1894 France	17	(a) M.	(a)	.68- .77- —
1894 France	134	(a) (a)	(a)	.52- .54- —
1894 France	508	(a) M.	66-66-66	.48- .48- .48
1894 France	508	(a) M.	(a)	b .04- .05½- —
1894 Italy	640	(a) M.	(a)	.58- .58- .58
1894 Scotland	590	(a) M.	(a)	b .08- .13- —
1894 Wales	584	(a) M.	(a)	b .09- .10- —
1895 Cal	16	15 M.	48-54-52	3.00-3.00-3.00
1895 Ill	16	75 M.	48-48-48	1.50-1.50-1.50
1895 La	16	15 M.	54-54-54	1.35-1.35-1.35
1895 Me	7	23 M.	60-60-60	1.50-2.50-1.63
1895 Md.	16	40 M.	48-48-48	1.75-2.00-1.94
1895 Mass	16	45 M.	48-48-48	1.84-2.00-2.00
1895 Minn	16	13 M.	60-60-60	1.75-1.75-1.75
1895 Mo	16	13 M.	48-48-48	2.40-2.60-2.50
1895 Mo	304	2 M.	(a)	1.33-2.00-1.67
1895 N. Y.	16	754 M.	48-48-48	2.40-2.40-2.40
1895 Ohio	16	2 M.	48-48-48	2.50-2.50-2.50
1895 Ohio	20	2 M.	60-60-60	1.25-1.50-1.38
1895 Pa	16	13 M.	54-54-54	2.00-2.50-2.19
1895 Va	16	14 M.	54-54-54	1.25-1.25-1.25
1895 Belgium	16	(a) M.	(a)	.37- .61- —
1895 Belgium	458	(a) (a)	(a)	b.05- .05½- —
1895 England	591	(a) M.	(a)	.86-1.12- —
1895 France	16	(a) M.	(a)	1.06-1.06-1.06
1895 France	17	(a) M.	(a)	.68- .77- —
1895 France	509	(a) (a)	60-72 —	.58- .96- —
1895 France	513	(a) M.	60-66 —	.39- .66- —
1895 Ireland	591	(a) M.	(a)	.73- .77- —
1895 Italy	640	(a) M.	(a)	.58- .58- .58
1895 Norway	690	(a) M.	(a)	.54- .74- —
1895 Scotland	591	(a) M.	(a)	.83-1.08- —
1895 Switzerl'd.	710	(a) (a)	60-60-60	0.29-0.62- —
1896 Cal.	16	15 M.	48-54-52	3.00-3.00-3.00
1896 Conn	7	1 M.	60-60-60	1.50-1.50-1.50
1896 D. C	15	2 M.	(a)	1.50-1.67-1.59
1896 Ill	12	63 M.	c 48-60-51	.90-2.33-1.47
1896 Ill	16	60 M.	48-48-48	1.50-1.50-1.50
1896 La	16	12 M.	54-54-54	1.35-1.35-1.35
1896 Md.	14	32 M.	48-54-52	2.00-2.50-2.27
1896 Md.	16	40 M.	53-53-53	1.75-2.00-1.94
1896 Mass	14	407 M.	47-77-49	2.00-3.41-2.17
1896 Mass	16	53 M.	48-48-48	1.84-2.00-1.98
1896 Minn	16	15 M.	60-60-60	1.75-1.75-1.75
1896 Mo	16	10 M.	48-48-48	2.60-2.80-2.70
1896 N. Y.	14	663 M.	44-60-47	1.50-2.50-2.29
1896 N. Y.	16	717 M.	48-48-48	2.40-2.40-2.40
1896 Ohio	16	3 M.	48-48-48	2.00-2.00-2.00
1896 Ohio	377	6 M.	60-60-60	1.25-1.25-1.25
1896 Pa	14	306 M.	45-60-50	1.56-2.71-2.38
1896 Pa	16	35 M.	54-54-54	2.00-2.25-2.03
1896 Tenn	15	1 M.	(a)	.83- .83- .83
1896 Va	16	12 M.	54-54-54	1.13-1.13-1.13
1896 Aust-Hun	442	(a) M.	42-66 —	.37- .81- —
1896 Belgium	16	(a) M.	(a)	.37- .64- —
1896 England	592	(a) M.	(a)	.82-1.20- —
1896 France	16	(a) M.	(a)	1.06-1.06-1.06
1896 France	17	(a) M.	(a)	.68- .77- —
1896 France	510	(a) (a)	60-75 —	.48- .76- —
1896 France	510	(a) (a)	60-72 —	d.05- .07½- —
1896 Ireland	586	(a) M.	(a)	.73- .77- —
1896 Italy	640	(a) M.	(a)	.58- .58- .58
1896 Wales	586	(a) M.	(a)	.83- .92- —
1897 Cal.	16	15 M.	48-54-52	3.00-3.00-3.00
1897 Ill	16	100 M.	48-48-48	2.00-2.00-2.00
1897 La	16	12 M.	54-54-54	1.35-1.35-1.35
1897 Md.	16	40 M.	53-53-53	1.75-2.00-1.91
1897 Mass	16	62 M.	48-48-48	1.84-2.00-2.00
1897 Minn	16	15 M.	60-60-60	1.75-1.75-1.75
1897 Mo.	16	14 M.	48-48-48	2.60-2.80-2.68
1897 N. Y.	16	656 M.	48-48-48	2.40-2.40-2.40
1897 Ohio	16	4 M.	48-48-48	2.00-2.00-2.00
1897 Pa	16	13 M.	54-54-54	2.00-2.25-2.12
1897 Va	16	10 M.	54-54-54	1.00-1.00-1.00
1897 Australia	418	(a) (a)	(a)	b.24½-.24½-.24½
1897 Belgium	144	(a) M.	(a)	b.05½-.05½-.05½
1897 Belgium	453	(a) M.	51-51-51	.44- .44- .44
1897 Belgium	587	(a) M.	(a)	b .05- .05- .05
1897 England	593	(a) (a)	e 48-52 —	.79-1.21- —
1897 France	511	(a) M.	60-72 —	.42-1.16- —
1897 France	511	(a) (a)	60-60-60	.29- .39- —
1897 Germany	679	(a) (a)	(a)	b .07- .07- .07
1897 Scotland	593	(a) (a)	f 49-53 —	.83- .98- —
1897 Switzerl'd.	680	(a) M.	(a)	.53- .65- —
1898 Cal.	16	15 M.	48-54-52	3.00-3.00-3.00
1898 Ill.	16	100 M.	48-48-48	2.00-2.00-2.00
1898 La	16	10 M.	54-54-54	1.35-1.35-1.35
1898 Md.	16	45 M.	53-53-53	1.75-2.00-1.89
1898 Mass	16	57 M.	48-48-48	1.60-2.00-1.97
1898 Minn	16	15 M.	54-54-54	1.75-1.75-1.75
1898 Mo.	16	4 M.	48-48-48	2.60-2.80-2.70
1898 Nebr	314	14 (a)	48-72-62	1.00-1.75-1.40
1898 N. Y.	16	570 M.	48-48-48	2.40-2.40-2.40
1898 Ohio	16	4 M.	48-48-48	2.00-2.00-2.00
1898 Ohio	18	10 M.	(a)	1.25-1.50-1.30
1898 Pa	16	18 M.	44-54-51	2.00-2.00-2.00
1898 Pa	18	5 M.	(a)	1.35-1.50-1.43
1898 Va	16	9 M.	54-54-54	1.00-1.00-1.00
1898 Australia	419	(a) (a)	(a)	1.95-1.95-1.95
1898 Belgium	454	(a) (a)	(a)	.35- .35- .35
1898 Belgium	454	(a) (a)	(a)	b .05- .05½- —

a Not reported.
b Per hour.
c Not including hours of 9 persons not reported.
d Per hour; hours at each rate not reported.
e Applies to but 8 of the 35 wage quotations.
f Applies to but 2 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOD CARRIERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1898 England ..	594	(a)	(a)	b 48-52 —	0.90-1.20- —
1898 France....	512	(a)	M.	4[illegible]-78 —	.35-1.13- —
1898 France....	512	(a)	M.	(a)	c.08½-.08½-.08½
1898 Scotland .	594	(a)	(a)	(a)	.82- .92- —
1899 Cal.....	18	20	M.	54-54-54	1.75-3.00-2.44
1899 Mass	18	730	M.	48-48-48	2.00-2.50-2.10
1899 Mont.....	18	18	M.	48-48-48	4.00-4.50-4.28
1899 N. Y.....	18	445	M.	44-54-49	1.20-2.42-1.69
1899 N. Y.....	339	830	(a)	(a)	3.00-3.00-3.00
1899 Ohio	18	36	M.	d 60-60-60	1.20-1.66-1.44
1899 Pa	18	143	M.	e 48-48-48	1.50-2.50-2.39
1899 Belgium ..	455	(a)	(a)	(a)	.39- .48- —
1899 Belgium ..	455	(a)	(a)	(a)	c 0.04-0.06¼- —
1899 England ..	588	(a)	(a)	(a)	.93-1.19- —
1899 England ..	681	(a)	(a)	(a)	c .11- .13- —
1899 Germany .	156	(a)	(a)	60-60-60	.48- .95- —
1899 Scotland..	588	(a)	(a)	(a)	.83-1.00- —
1900 Cal.....	18	25	M.	54-54-54	1.75-3.00-2.54
1900 Mass	18	784	M.	48-48-48	2.00-2.50-2.10
1900 Mont.....	18	15	M.	48-48-48	4.00-4.50-4.33
1900 N. Y.....	18	385	M.	44-54-49	1.20-2.42-1.71
1900 Ohio	18	43	M.	60-60-60	1.40-1.70-1.43
1900 Pa.....	18	130	M.	48-48-48	2.40-2.50-2.42

HOE MAKERS.

1836 Vt.....	8	2	M.	72-72-72	1.00-1.00-1.00
1840 England ..	564	(a)	(a)	50-50-50	1.22-1.22-1.22
1850 England ..	564	(a)	(a)	50-50-50	1.22-1.22-1.22
1860 England ..	564	(a)	(a)	50-50-50	1.22-1.22-1.22
1871 Aust-Hun .	611	(a)	M.	(a)	.22- .22- .22
1872 Aust-Hun .	185	(a)	(a)	(a)	.22- .22- .22
1884 Canada ...	466	(a)	M.	58-58-58	1.58-1.58-1.58
1888 N. Y.....	331	1	M.	(a)	2.25-2.25-2.25
1890 N. Y.....	333	10	M.	(a)	2.50-2.50-2.50
1891 N. Y.....	333	6	M.	(a)	2.50-2.50-2.50
1893 Ohio	374	7	M.	60-60-60	1.80-1.80-1.80
1894 Ohio	375	13	M.	48-48-48	1.60-1.60-1.60
1895 Ohio	376	12	M.	45-45-45	1.60-1.60-1.60
1896 Ohio	377	12	M.	54-54-54	1.75-1.75-1.75

HOE MAKERS' HELPERS.

1840 England ..	564	(a)	(a)	50-50-50	.65- .65- .65
1850 England ..	564	(a)	(a)	50-50-50	.65- .65- .65
1860 England ..	564	(a)	(a)	50-50-50	.65- .65- .65

HOLDERS-ON, RIVETING.

1857 Ireland ...	561	(a)	(a)	(a)	.73- .73- .73
1859 England ..	177	(a)	M.	59-59-59	.92- .92- .92
(f) England ..	563	(a)	(a)	(a)	.81- .81- .81
1866 England ..	566	(a)	M.	59-63 —	.73- .73- .73
1866 Scotland..	566	(a)	M.	59-60 —	.61- .65- —
(g) England ..	567	(a)	M.	59-60 —	.65-1.58- —
(g) Scotland ..	567	(a)	M.	59-59-59	.61- .61- .61
1869 England ..	177	(a)	M.	59-59-59	.96- .96- .96
1871 Ireland ...	568	(a)	M.	60-60-60	.65- .65- .65
1872 Ireland ...	185	(a)	M.	60-60-60	.65- .65- .65
1872 Scotland ..	185	(a)	(a)	54-54-54	.65- .65- .65
1873 England ..	185	(a)	M.	h 54-54-54	.81-1.29- —
1873 Germany .	185	(a)	(a)	60-60-60	.72- .96- —
1873 Ireland ...	185	(a)	M.	54-54-54	.77- .77- .77
1873 Scotland ..	185	(a)	M.	51-51-51	.69- .93- —
1874 Del	185	15	M.	60-60-60	1.50-1.50-1.50
1874 Pa	380	176	M.	(a)	1.31-1.75-1.66
1874 Canada ...	185	(a)	M.	58-60 —	1.17-1.25- —
1874 England ..	185	(a)	(a)	54-54-54	.97-1.13- —
1874 Ireland ...	185	(a)	M.	(a)	.68- .68- .68
1874 Ireland ...	569	(a)	M.	55-55-55	.69- .77- —
1874 Scotland ..	185	(a)	M.	51-51-51	.68- .81- —
1874 Scotland ..	569	(a)	M.	51-51-51	.81- .81- .81
1876 Pa	381	29	M.	(a)	1.50-1.75-1.56
1876 Pa	382	6	M.	(a)	c.15- .15- .15
1876 England ..	170	(a)	M.	54-54-54	1.01-1.01-1.01
1877 Ireland ...	570	(a)	M.	54-54-54	.73- .73- .73
1877 Scotland ..	570	(a)	M.	i 51-51-51	.81-1.05- —
1878 Pa	383	6	M.	54-60-57	1.17-1.20-1.19
1878 England ..	177	(a)	M.	j 54-54-54	.96-1.13- —
1879 Pa	384	15	M.	(a)	1.00-1.50-1.20
1880 England ..	571	(a)	M.	54-54-54	.35-1.34- —
1880 Scotland ..	571	(a)	M.	54-54-54	.68-1.09- —
1882 Scotland ..	37	(a)	M.	54-54-54	1.92-1.92-1.92
1883 Mass	273	16	M.	(a)	1.65-1.75-1.69
1883 England ..	43	(a)	(a)	(a)	.81- .81- .81
1883 England ..	572	(a)	M.	k 50-54 —	.36-1.42- —
1883 Gr't Brit ..	273	(a)	M.	(a)	.77- .85- —
1883 Ireland ...	572	(a)	M.	54-54-54	.95- .95- .95
1883 Scotland ..	43	(a)	M.	54-54-54	3.04-3.04-3.04
1883 Scotland ..	572	(a)	M.	48-54 —	.61-1.82- —
1884 England ..	178	(a)	M.	l 53-60 —	.36-1.58- —
1884 Germany .	178	(a)	M.	60-60-60	.65- .65- .65
1884 Scotland ..	178	(a)	M.	54-54-54	.83-2.27- —
1884 Spain	178	(a)	M.	57-57-57	.77- .87- —
1884 Wales.....	178	(a)	M.	54-54-54	1.09-1.09-1.09
1885 Del	1	69	M.	60-60-60	1.30-1.40-1.38
1885 N. J	324	6	M.	60-60-60	1.50-1.67-1.64
1886 England ..	604	(a)	M.	n 54-54-54	.77-1.42- —
1886 Gr't Brit ..	604	(a)	M.	54-54-54	.79- .79- .79

a Not reported.
b Applies to but 2 of the 5 wage quotations.
c Per hour.
d Not including hours of 18 persons not reported.
e Not including hours of 5 persons not reported.
f Average for 1858–60.
g Average for 1867–68.
h Applies to but 40 of the 43 wage quotations.
i Applies to but 3 of the 4 wage quotations.
j Applies to but 2 of the 4 wage quotations.
k Applies to but 12 of the 13 wage quotations.
l Applies to but 16 of the 18 wage quotations.
n Applies to but 11 of the 14 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOLDERS-ON, RIVETING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Gr't Brit ..	632	(a) M.	54-54-54	0.82-1.05- —
1886 Scotland ..	604	(a) M.	b54-54-54	.67-1.06- —
1886 Wales	604	(a) M.	54-54-54	1.10-1.10-1.10
1887 Md.....	4	11 M.	(a)	1.40-1.50-1.42
1888 N. Y.....	331	4 M.	(a)	1.40-1.40-1.40
1890 England ..	632	(a) M.	(a)	1.24-1.24-1.24
1890 Gr't Brit ..	632	(a) M.	53-54 —	.61-1.24- —
1891 N. Y.....	333	9 M.	(a)	2.10-2.15-2.12
1891 England ..	576	(a) M.	(a)	1.24-1.24-1.24
1891 England ..	577	(a) M.	53-54 —	1.05-1.18- —
1891 Gr't Brit ..	576	(a) M.	(a)	1.14-1.42- —
1892 England ..	111	(a) (a)	(a)	1.22-1.22-1.22
1892 England ..	578	(a) M.	53-54 —	.97-1.20- —
1892 England ..	632	(a) M.	c48-48-48	1.20-1.28- —
1892 Gr't Brit ..	632	(a) M.	(a)	.89-1.30- —
1892 Wales	632	(a) M.	(a)	1.22-1.22-1.22
1893 Ohio	374	12 M.	60-60-60	1.50-1.50-1.50
1893 England ..	589	(a) M.	48-54 —	.81-1.46- —
1893 Germany ..	560	(a) M.	(a)	d.07- .08½- —
1893 Scotland ..	589	(a) M.	54-56 —	.69-1.00- —
1893 Wales	589	(a) M.	54-54-54	.73-1.34- —
1894 Ohio	375	16 M.	60-60-60	1.15-2.00-1.68
1894 England ..	127	(a) M.	54-54-54	1.09-1.14- —
1894 Ireland ...	127	(a) M.	54-54-54	.96-1.01- —
1894 N. Zealand	669	(a) M.	(a)	1.70-1.76- —
1895 Ohio	376	29 M.	60-60-60	2.25-2.25-2.25
1895 Canada ...	187	(a) M.	e60-60-60	1.25-2.00- —
1895 N. Zealand	670	(a) M.	(a)	1.70-1.76- —
1895 Scotland ..	591	(a) M.	(a)	.77-1.00- —
1896 N. Y.....	14	137 M.	48-54-49	2.21-2.76-2.38
1896 Ohio	377	21 M.	48-48-48	2.45-2.45-2.45
1896 Pa	394	3 M.	60-60-60	1.23-1.33-1.29
1896 England ..	592	(a) M.	(a)	1.01-1.34- —
1896 N. Zealand	671	(a) M.	(a)	1.70-1.76- —
1896 Scotland ..	592	(a) M.	(a)	.83- .87- —
1896 Wales	632	(a) M.	(a)	.59- .59- .59
1897 England ..	593	(a) (a)	(a)	1.18-1.34- —
1897 N. Zealand	672	(a) M.	(a)	1.40-1.83- —
1898 England ..	594	(a) (a)	(a)	1.18-1.30- —
1898 France	512	(a) M.	48-60 —	.39- .68- —
1898 N. Zealand	673	(a) M.	(a)	1.52-1.83- —
1899 England ..	588	(a) (a)	(a)	.93-1.28- —
1899 N. Zealand	674	(a) M.	(a)	1.72-1.95- —

HOOK AND EYE MAKERS.

1844 Norway ...	8	(a)	M.	66-66-66	.15- .15- .15	1895 Conn.....	8	5	M.	60-60-60	2.50-3.00-2.70
1887 Conn.....	202	3	M.	(a)	1.97-1.97-1.97						

HOOKERS, COTTON GOODS.

1841 England ..	625	(a)	(a)	(a)	.16- .22- —	1883 Scotland ..	572	(a)	F.	57-57-57	.36- .36- .36
1850 England ..	45	(a)	(a)	(a)	.23- .24- —	1884 Mass	190	1	F.	60-60-60	1.05-1.05-1.05
1860 England ..	45	(a)	(a)	(a)	.26- .33- —	1885 Mass	190	1	F.	60-60-60	1.05-1.05-1.05
1870 England ..	45	(a)	(a)	(a)	.28- .41- —	1886 Mass	190	1	F.	60-60-60	.95- .95- .95
1875 Mass	190	3	F.	60-60-60	.94-1.10-1.03	1886 Pa	7	1	M.	60-60-60	.71- .71- .71
1876 Mass	190	2	F.	60-60-60	.85- .94- .90	1886 R. I	3	6	F.	60-63-61	.83-1.33-1.06
1877 Mass	190	2	F.	60-60-60	.94- .94- .94	1886 R. I	7	9	F.	60-60-60	1.00-1.25-1.13
1877 England ..	45	(a)	(a)	(a)	.37- .43- —	1886 England ..	600	(a)	M.	57-57-57	.24- .24- .24
1877 England ..	570	(a)	F.	53-53-53	.61- .61- .61	1887 Mass	190	1	F.	60-60-60	1.15-1.15-1.15
1878 Mass	190	1	F.	60-60-60	.89- .89- .89	1888 Mass	190	1	F.	60-60-60	1.22-1.22-1.22
1879 Mass	190	2	F.	60-60-60	.89-1.00- .95	1889 Mass	190	1	F.	60-60-60	1.22-1.22-1.22
1880 Mass	7	3	F.	60-60-60	.92- .92- .92	1889 R. I	398	8	F.	60-60-60	1.00-1.39-1.27
1880 Mass	190	2	F.	60-60-60	.85-1.16-1.01	1889 England ..	6	(a)	M.	57-57-57	.20- .24- —
1880 England ..	571	(a)	M.	56-56-56	.47- .47- .47	1890 Mass	190	1	F.	60-60-60	1.22-1.22-1.22
1880 England ..	571	(a)	F.	29-29-29	.12- .12- .12	1891 Mass	190	1	F.	60-60-60	1.22-1.22-1.22
1880 Scotland ..	571	(a)	F.	56-56-56	.36- .36- .36	1892 Me	258	1	M.	60-60-60	1.00-1.00-1.00
1881 Mass	190	2	F.	60-60-60	.85-1.16-1.01	1895 Mass	7	8	M.	58-60-59	.58-1.25-1.00
1882 Mass	190	2	F.	60-60-60	.85-1.16-1.01	1895 Mass	7	17	F.	58-58-58	1.00-1.30-1.27
1883 Mass	190	2	F.	60-60-60	.85-1.16-1.01	1896 Pa	7	1	M.	60-60-60	.67- .67- .67
1883 England ..	45	(a)	(a)	(a)	.49- .50- —	1896 R. I	7	13	F.	60-60-60	1.00-1.42-1.27
1883 England ..	572	(a)	F.	50-50-50	.61- .61- .61						

HOOKERS-IN, ROLLING MILL.

1884 N. J	323	27	M.	f60-60-60	1.42-2.34-1.47	1889 Ohio	5	2	M.	54-54-54	2.25-2.25-2.25
1889 Ind	5	1	M.	72-72-72	1.50-1.50-1.50	1898 Pa	18	1	M.	(a)	1.17-1.17-1.17
1889 N. Y.....	5	7	M.	60-60-60	1.42-2.19-1.99	1899 Pa	18	1	M.	(a)	1.30-1.30-1.30

a Not reported.
b Applies to but 2 of the 9 wage quotations.
c Applies to but 2 of the 3 wage quotations.
d Per hour.
e Applies to but 1 of the 2 wage quotations.
f Not including hours of 20 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOOKERS, ROLLING MILL.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1874 Pa	380	8 M.	(a)	0.81-0.81-0.81
1876 Pa	381	158 M.	(a)	.50-2.10-1.43
1876 Pa	382	29 M.	(a)	1.25-2.10-1.75
1877 Ohio	359	40 M.	(a)	.67-1.75-1.41
1877 England	570	(a) M.	50-66 —	.41-1.12- —
1878 Pa	383	95 M.	b48-72-67	.70-2.00-1.22
1879 Pa	384	81 M.	c60-60-60	.50-2.05-1.55
1880 Pa	385	1 M.	72-72-72	2.87-2.87-2.87
1880 England	571	(a) M.	50-50-50	.73- .81- —
1881 Pa	386	1 M.	72-72-72	2.87-2.87-2.87
1883 N. J	322	17 M.	72-72-72	1.33-1.83-1.67
1883 England	572	(a) M.	60-60-60	.63- .63- .63
1884 Aust-Hun	178	(a) M.	72-72-72	.56-1.00- —
1885 N. J	324	2 M.	54-54-54	.67-1.00- .84
1886 N. J	325	2 M.	60-60-60	.73-1.10- .92
1887 Pa	390	10 M.	(a)	3.12-3.12-3.12
1887 Wis	409	20 M.	(a)	2.75-2.75-2.75
1888 N. Y	331	6 M.	70-70-70	3.39-3.87-3.71
1889 N. Y	5	58 M.	60-72-67	.75-4.20-2.33
1889 Pa	5	6 M.	(a)	1.80-2.50-2.03
1889 Tenn	5	21 M.	(a)	1.15-1.60-1.25
1889 England	5	(a) M.	(a)	.24- .75- —
1889 Germany	5	(a) M.	(a)	.38- .92- —
1892 N. Y	20	2 M.	(a)	1.00-1.00-1.00
1892 Ohio	373	110 (a)	d48-63-58	1.25-3.00-1.75
1892 Scotland	632	(a) M.	(a)	1.22-1.22-1.22
1893 N. Y	20	2 M.	(a)	1.00-1.00-1.00
1894 N. Y	20	2 M.	(a)	1.00-1.00-1.00
1895 Ohio	376	160 M.	e48-72-61	1.13-3.00-1.85
1896 Pa	394	2 M.	60-60-60	.90- .90- .90
1897 Ohio	377	171 (a)	48-72-60	.70-4.00-1.64

HOOKERS-UP, IRON AND STEEL PRODUCTS.

1885	Ill	1	6	M.	60-60-60	1.50-2.00-1.67	1887	Md	4	1	M.	(a)	1.25-1.25-1.25
1885	N. J	324	4	M.	72-72-72	.67-1.00- .84	1888	N. J	326	10	M.	(a)	1.00-1.67-1.36
1885	N. Y	1	25	M.	60-60-60	1.30-2.40-1.46	1889	Mo	5	8	M.	(a)	1.50-1.50-1.50
1885	Ohio	1	7	M.	60-60-60	1.50-2.70-1.87	1889	Ohio	5	8	M.	72-72-72	2.48-2.48-2.48
1885	W. Va	1	2	M.	60-60-60	1.50-1.50-1.50	1891	N. Y	333	4	M.	(a)	2.08-2.08-2.08

HOOKERS-UP, ROLLING MILL.

1863	N. Y	190	4	M.	60-60-60	.63-1.00- .81	1885	Belgium	1	(a)	M.	63-63-63	.70- .70- .70
1864	N. Y	190	2	M.	60-60-60	1.25-1.25-1.25	1886	N. J	325	8	M.	60-60-60	.73-1.24-1.08
1867	N. Y	190	6	M.	60-60-60	.85-3.38-1.74	1886	N. Y	190	4	M.	60-60-60	1.50-1.50-1.50
1868	N. Y	190	7	M.	60-60-60	1.25-1.38-1.34	1887	Ohio	369	37	M.	60-60-60	1.05-2.00-1.62
1869	N. Y	190	10	M.	60-60-60	1.00-1.56-1.34	1887	Pa	390	4	M.	(a)	3.04-3.04-3.04
1870	N. Y	190	24	M.	60-60-60	.69-1.38-1.08	1888	N. Y	190	2	M.	60-60-60	1.90-1.90-1.90
1871	N. Y	190	6	M.	60-60-60	1.13-1.38-1.21	1888	Tenn	5	4	M.	(a)	1.00-1.00-1.00
1872	N. Y	190	16	M.	60-60-60	.88-1 63-1.19	1888	W. Va	5	8	M.	66-66-66	2.54-2.54-2.54
1873	N. Y	190	17	M.	60-60-60	1.00-1.63-1.32	1888	England	5	(a)	M.	(a)	.32- .97- —
1874	N. Y	190	8	M.	60-60-60	1.13-1.50-1.28	1889	Ala	5	6	M.	e54-54-54	1.25-1.33-1.28
1874	Pa	380	9	M.	(a)	.75-1.87-1.52	1889	Del	5	10	M.	60-60-60	.75- .93- .82
1875	N. Y	190	11	M.	60-60-60	.88-1.19-1.02	1889	Ill	5	97	M.	f60-72-71	1.20-4.13-1.94
1875	Pa	380	2	M.	(a)	1.44-1.75-1.60	1889	Ind	5	7	M.	60-72-67	.83-1.25-1.04
1876	N. Y	190	8	M.	60-60-60	.88-1.00- .94	1889	Md	5	2	M.	60-60-60	1.25-1.25-1.25
1876	Pa	381	5	M.	(a)	.50-1.36-1.00	1889	N. Y	5	18	M.	60-72-61	.57-3.46-1.59
1877	N. Y	190	11	M.	60-60-60	.63-1.88-1.08	1889	Ohio	5	42	M.	e44-66-57	1.01-2.20-1.57
1878	N. Y	190	16	M.	60-60-60	.80-1.13- .93	1889	Pa	5	81	M.	g55-66-59	.93-3.25-1.66
1879	N. Y	190	12	M.	60-60-60	.60- .90- .77	1889	Tenn	5	6	M.	72-72-72	1.00-1.00-1.00
1880	N. Y	190	20	M.	60-60-60	1.13-1.40-1.28	1889	Va	5	4	M.	55-55-55	2.00-2.00-2.00
1881	N. Y	190	37	M.	60-60-60	1.25-1.60-1.40	1889	W. Va	5	34	M.	h66-66-66	1.75-5.20-3.46
1882	N. Y	190	18	M.	60-60-60	1.25-1.30-1.28	1889	Belgium	5	(a)	M.	i62-72 —	.26- .93- —
1883	N. Y	190	17	M.	60-60-60	1.25-1.30-1.27	1889	England	5	(a)	M.	54-66 —	.62-1.46- —
1884	N. J	323	6	M.	54-72-65	.82-2.23-1.81	1889	France	5	(a)	M.	j60-72 —	.31-1.20- —
1884	N. Y	190	6	M.	60-60-60	1.25-1.25-1.25	1889	Italy	5	(a)	M.	(a)	.57- .98- —
1885	Del	1	2	M.	60-60-60	1.25-1.25-1.25	1889	Scotland	5	(a)	M.	66-66-66	.73-1.46- —
1885	Ill	1	8	M.	60-60-60	1.75-1.75-1.75	1890	Ala	5	3	M.	k55-55-55	1.25-1.75-1.42
1885	N. Y	1	24	M.	72-72-72	2.52-3.58-3.05	1890	Wis	5	2	M.	55-55-55	3.00-3.00-3.00
1885	N. Y	190	4	M.	60-60-60	1.50-1.50-1.50	1898	Ohio	18	18	M.	(a)	.80-1.80-1.34
1885	Ohio	1	56	M.	60-72-63	.70-1.80-1.33	1898	Pa	18	22	M.	(a)	.90-1.95-1.53
1885	Pa	1	6	M.	48-48-48	1.80-1.80-1.80	1899	Ohio	18	18	M.	(a)	1.35-2.25-1.68
1885	Pa	2	60	M.	60-60-60	.55- .60- .58	1899	Pa	18	32	M.	(a)	1.20-2.26-1.75

a Not reported.
b Not including hours of 29 persons not reported.
c Not including hours of 78 persons not reported.
d Not including hours of 7 persons not reported.
e Not including hours of 2 persons not reported.
f Not including hours of 15 persons not reported.
g Not including hours of 28 persons not reported.
h Not including hours of 16 persons not reported.
i Applies to but 10 of the 29 wage quotations.
j Applies to but 7 of the 10 wage quotations.
k Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOOP COILERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mich.....	278	2 M.	(a)	2.50-2.50-2.50	1894 Ohio	375	11 M.	60-60-60	1.17-2.00-1.52
1892 Ind	227	6 M.	60-60-60	1.58-1.59-1.59	1895 Ohio	376	21 M.	60-60-60	1.15-2.00-1.63
1893 Ohio	374	10 M.	60-60-60	1.23-2.00-1.33	1896 Ohio	377	10 M.	60-60-60	1.65-2.00-1.70
1894 Ind	228	2 M.	54-54-54	1.50-4.00-2.75					

HOOP CUTTERS.

1884 Mich.....	278	1 M.	(a)	2.00-2.00-2.00	1894 Ohio	375	9 M.	60-60-60	.73-2.60-1.02
1887 Ohio	369	1 M.	60-60-60	1.50-1.50-1.50	1895 Ohio	376	12 M.	b60-60-60	1.70-1.75-1.72
1893 Ohio	374	2 M.	60-60-60	1.50-1.50-1.50	1896 Ohio	377	2 M.	60-60-60	1.65-1.65-1.65

HOOP DRIVERS.

1884 Mich.....	278	1 M.	(a)	2.50-2.50-2.50	1895 N. Y.....	8	3 M.	60-60-60	1.50-1.50-1.50
1888 N. Y.....	331	7 M.	c60-60-60	2.00-2.00-2.00					

HOOPERS.

1883 Mass	273	30 M.	(a)	1.50-1.50-1.50	1888 N. Y.....	331	11 M.	d58-60-59	1.66-2.50-1.92
1884 Mich	278	1 M.	(a)	1.15-1.15-1.15	1891 N. Y.....	333	276 M.	(a)	1.17-2.50-2.50
1887 Ohio	369	1 M.	60-60-60	3.00-3.00-3.00					

HOOP LAPPERS.

1891 Ohio	372	6 M.	60-60-60	.70- .70- .70	1895 Ohio	376	7 M.	60-60-60	.75-1.25-1.09
1893 Ohio	374	53 M.	60-60-60	1.12-1.25-1.12	1896 Ohio	377	5 M.	60-60-60	.83-1.25- .91
1894 Ohio	375	4 M.	60-60-60	1.25-1.40-1.29					

HOOP MAKERS.

1887 Wis	409	3 M.	(a)	1.60-1.60-1.60	1891 Mich	283	4 F.	(a)	1.00-1.00-1.00
1888 N. Y.....	331	4 M.	(a)	2.00-2.00-2.00	1893 Ohio	374	18 M.	60-60-60	1.25-1.25-1.25
1890 Netherl'ds	666	(a) M.	84-84-84	.40- .48- —	1894 N. H	316	1 M.	60-60-60	1.50-1.50-1.50

HOOPSKIRT MAKERS.

1887 Mass	3	2 F.	c53-53-53	.56- .67- .62	1888 Cal.....	194	4 F.	54-54-54	1.00-1.25-1.10

HOP PICKERS.

1818 England ..	628	(a) (a)	(a)	.57- .57- .57	1824 England ..	628	(a) (a)	(a)	.45- .45- .45
1819 England ..	628	(a) (a)	(a)	.57- .57- .57	1825 England ..	628	(a) (a)	(a)	.49- .49- .49
1820 England ..	628	(a) (a)	(a)	.55- .55- .55	1826 England ..	628	(a) (a)	(a)	.49- .49- .49
1821 England ..	628	(a) (a)	(a)	.49- .49- .49	1827 England ..	628	(a) (a)	(a)	.49- .49- .49
1822 England ..	628	(a) (a)	(a)	.45- .45- .45	1828 England ..	628	(a) (a)	(a)	.49- .49- .49
1823 England ..	628	(a) (a)	(a)	.41- .41- .41	1829 England ..	628	(a) (a)	(a)	.49- .49- .49

a Not reported.
b Not including hours of 8 persons not reported.
c Not including hours of 1 person not reported.
d Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOP PICKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1830 England ..	628	(a) (a)	(a)	0.45-0.45-0.45
1831 England ..	628	(a) (a)	(a)	.49- .49- .49
1832 England ..	628	(a) (a)	(a)	.49- .49- .49
1833 England ..	628	(a) (a)	(a)	.49- .49- .49
1834 England ..	628	(a) (a)	(a)	.49- .49- .49
1835 England ..	628	(a) (a)	(a)	.45- .45- .45
1836 England ..	628	(a) (a)	(a)	.45- .45- .45
1837 England ..	628	(a) (a)	(a)	.49- .49- .49
1838 England ..	628	(a) (a)	(a)	.49- .49- .49
1839 England ..	628	(a) (a)	(a)	.53- .53- .53
1840 England ..	628	(a) (a)	(a)	.53- .53- .53
1841 England ..	628	(a) (a)	(a)	.53- .53- .53
1842 England ..	628	(a) (a)	(a)	.53- .53- .53
1843 England ..	628	(a) (a)	(a)	.53- .53- .53
1844 England ..	628	(a) (a)	(a)	.49- .49- .49
1845 England ..	628	(a) (a)	(a)	.45- .45- .45
1846 England ..	628	(a) (a)	(a)	.49- .49- .49
1847 England ..	628	(a) (a)	(a)	.49- .49- .49
1848 England ..	628	(a) (a)	(a)	.41- .41- .41
1849 England ..	628	(a) (a)	(a)	0.41-0.41-0.41
1850 England ..	628	(a) (a)	(a)	.41- .41- .41
1851 England ..	628	(a) (a)	(a)	.41- .41- .41
1852 England ..	628	(a) (a)	(a)	.41- .41- .41
1853 England ..	628	(a) (a)	(a)	.49- .49- .49
1854 England ..	628	(a) (a)	(a)	.49- .49- .49
1855 England ..	628	(a) (a)	(a)	.53- .53- .53
1856 England ..	628	(a) (a)	(a)	.53- .53- .53
1857 England ..	628	(a) (a)	(a)	.53- .53- .53
1858 England ..	628	(a) (a)	(a)	.49- .49- .49
1859 England ..	628	(a) (a)	(a)	.49- .49- .49
1860 England ..	628	(a) (a)	(a)	.53- .53- .53
1861 England ..	628	(a) (a)	(a)	.53- .53- .53
1862 England ..	628	(a) (a)	(a)	.53- .53- .53
1863 England ..	628	(a) (a)	(a)	.53- .53- .53
1864 England ..	628	(a) (a)	(a)	.53- .53- .53
1865 England ..	628	(a) (a)	(a)	.53- .53- .53
1868 England ..	628	(a) F.	(a)	.24- .24- .24
1873 Germany .	167	(a) (a)	(a)	b.07- .08- —

HORSE-BOOT MAKERS.

1885	Conn.....	7	1	M.	60-60-60	3.00-3.00-3.00	1892	Cal.....	196	3	M.	60-60-60	2.00-2.50-2.17
1891	N. Y.....	333	3	M.	(a)	2.00-2.50-2.17	1895	Conn.....	7	1	M.	60-60-60	3.33-3.33-3.33

HORSESHOERS.

1839	England ..	562	(a)	M.	58-58-58	1.30-1.30-1.30	1873	England ..	177	(a)	M.	54-54-54	1.24-1.24-1.24
1846	Belgium ..	632	(a)	(a)	(a)	.39- .39- .39	1873	England ..	185	(a)	M.	(a)	d1.00-1.53- —
1849	England ..	562	(a)	M.	58-58-58	1.22-1.22-1.22	1874	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13
1853	Corsica....	505	(a)	M.	(a)	.58- .58- .58	1874	La	16	1	M.	60-60-60	3.00-3.00-3.00
1853	France....	505	(a)	M.	(a)	.19- .58- —	1874	Mo.....	16	6	M.	60-60-60	3.00-3.50-3.17
1853	France....	712	(a)	M.	(a)	.37- .70- —	1874	France....	505	(a)	M.	(a)	.34- .97- —
1859	England ..	177	(a)	M.	59-59-59	1.14-1.14-1.14	1874	Germany .	185	(a)	M.	(a)	.53-1.00- —
1859	England ..	562	(a)	M.	58-58-58	1.22-1.22-1.22	1874	Scotland ..	177	(a)	M.	51-51-51	1.00-1.17- —
1860	France....	609	(a)	M.	69-69-69	.77- .87- —	1875	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13
1869	England ..	177	(a)	M.	59-59-59	1.17-1.17-1.17	1875	La	16	1	M.	60-60-60	3.00-3.00-3.00
1869	France....	609	(a)	M.	69-69-69	.84-1.16- —	1875	Mo.....	16	7	M.	60-60-60	3.00-3.50-3.14
1869	Germany .	609	(a)	M.	(a)	.30- .61- —	1875	France....	177	(a)	M.	(a)	.80-1.10- —
1869	Greece	609	(a)	(a)	(a)	.17- .20- —	1875	France....	496	(a)	M.	(a)	.48-1.06- —
1869	Sweden ...	609	(a)	(a)	(a)	.30- .53- —	1875	Scotland ..	177	(a)	M.	51-51-51	1.00-1.21- —
1869	Turkey....	609	(a)	(a)	(a)	.24- .85- —	1876	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13
1870	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13	1876	La	16	1	M.	60-60-60	3.00-3.00-3.00
1870	La	16	1	M.	60-60-60	3.00-3.00-3.00	1876	Mo.....	16	7	M.	60-60-60	3.00-3.50-3.14
1870	Mo.....	16	6	M.	60-60-60	3.00-3.50-3.17	1876	France....	497	(a)	M.	(a)	.48-1.06- —
1870	Germany .	610	(a)	M.	72-72-72	.30- .61- —	1876	Scotland ..	177	(a)	M.	51-51-51	1.08-1.25- —
1870	Turk. in A.	610	(a)	M.	(a)	.23- .46- —	1877	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13
1871	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13	1877	La	16	1	M.	60-60-60	3.00-3.00-3.00
1871	La	16	1	M.	60-60-60	3.00-3.00-3.00	1877	Mo.....	16	7	M.	60-60-60	3.00-3.50-3.14
1871	Mass.....	267	17	M.	60-60-60	2.50-2.50-2.50	1877	Scotland ..	177	(a)	M.	51-51-51	1.08-1.25- —
1871	Mo.....	16	6	M.	60-60-60	3.00-3.50-3.17	1878	Cal.....	16	3	M.	60-60-60	3.00-3.50-3.33
1871	England ..	185	(a)	(a)	(a)	1.61-2.02- —	1878	La	16	1	M.	60-60-60	3.00-3.00-3.00
1871	England ..	568	(a)	M.	72-72-72	1.14-1.14-1.14	1878	Mo.....	16	7	M.	60-60-60	3.00-3.50-3.14
1871	France....	712	(a)	M.	(a)	.54- .97- —	1878	Belgium ..	177	(a)	M.	(a)	1.00-1.00-1.00
1871	Germany .	185	(a)	M.	(a)	.36- .60- —	1878	Denmark ..	177	(a)	M.	(a)	.64- .64- .64
1871	Germany .	185	(a)	M.	(a)	c.33- .33- .33	1878	England ..	177	(a)	M.	e54-54-54	1.20-1.42- —
1872	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13	1878	France....	177	(a)	M.	(a)	.70-1.00- —
1872	La	16	1	M.	60-60-60	3.00-3.00-3.00	1878	France....	498	(a)	M.	(a)	.51-1.06- —
1872	Mo.....	16	6	M.	60-60-60	3.00-3.50-3.17	1878	Germany .	177	(a)	M.	(a)	.54- .58- —
1873	Cal.....	16	4	M.	60-60-60	2.50-4.00-3.13	1878	Italy	177	(a)	M.	(a)	.58- .58- .58
1873	La	16	1	M.	60-60-60	3.00-3.00-3.00	1878	Scotland ..	177	(a)	M.	f51-51-51	1.04-1.25- —
1873	Mo.....	16	6	M.	60-60-60	3.00-3.50-3.17	1879	Cal.....	16	3	M.	60-60-60	3.00-3.50-3.33

a Not reported.
b And board.
c And board and lodging.
d And house.
e Applies to but 2 of the 4 wage quotations.
f Applies to but 3 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HORSESHOERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1879 La	16	1 M.	60-60-60	3.00-3.00-3.00
1879 Mo	16	10 M.	60-60-60	2.50-3.00-2.65
1879 France	499	(a) M.	(a)	.51-1.06- —
1879 Germany	545	(a) M.	69-69-69	1.19-1.19-1.19
1880 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1880 La	16	1 M.	60-60-60	3.00-3.00-3.00
1880 Mo	16	10 M.	60-60-60	2.50-3.00-2.65
1880 Ohio	362	125 M.	(a)	2.35-2.35-2.35
1880 France	500	(a) M.	(a)	.54-1.35- —
1881 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1881 Ill	2	37 M.	59-59-59	2.75-3.25-2.95
1881 La	16	1 M.	60-60-60	3.00-3.00-3.00
1881 Mo	16	13 M.	60-60-60	2.50-3.00-2.66
1881 Ohio	363	1 M.	60-60-60	2.50-2.50-2.50
1881 France	501	(a) M.	(a)	.54-1.35- —
1882 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1882 Ill	2	561 M.	59-59-59	2.75-3.25-3.00
1882 La	16	1 M.	60-60-60	3.00-3.00-3.00
1882 Mo	16	34 M.	60-60-60	2.50-3.00-2.59
1882 Mo	294	16 M.	60-60-60	1.67-3.33-2.61
1882 N. J	321	68 M.	(a)	2.25-2.50-2.28
1882 N. Y	2	1836 M.	69-76-70	2.00-3.25-2.78
1882 France	502	(a) M.	(a)	.55-1.35- —
1883 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1883 Ill	2	6 M.	59-59-59	3.25-3.25-3.25
1883 La	16	1 M.	60-60-60	3.00-3.00-3.00
1883 Mich	277	2 M.	(a)	2.25-2.50-2.38
1883 Mo	16	76 M.	60-60-60	2.50-3.00-2.63
1883 N. J	322	102 M.	*b* 60-60-60	1.25-2.50-1.68
1883 Ohio	2	158 M.	60-60-60	2.00-3.00-2.81
1883 France	503	(a) M.	(a)	.55-1.35- —
1883 Gr't Brit	273	(a) M.	(a)	1.14-1.14-1.14
1884 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1884 La	2	100 M.	60-60-60	2.00-2.00-2.00
1884 La	16	1 M.	60-60-60	3.00-3.00-3.00
1884 Mich	278	6 M.	(a)	2.00-3.00-2.38
1884 Mo	16	76 M.	60-60-60	2.50-3.00-2.63
1884 Mo	295	1 M.	60-60-60	3.00-3.00-3.00
1884 N. J	323	47 M.	60-60-60	1.00-3.00-2.45
1884 N. Y	2	750 M.	58-75-63	2.50-3.00-2.74
1884 Aust-Hun	178	(a) M.	72-72-72	.47- .80- —
1884 Belgium	178	(a) M.	*c* 60-72 —	.48-1.45- —
1884 Brazil	178	(a) M.	*d* 60-60-60	.51-1.68- —
1884 Br.Guiana	178	(a) M.	54-54-54	1.33-1.33-1.33
1884 Canada	178	(a) M.	*e* 60-60-60	.83-3.00- —
1884 Canada	466	(a) M.	60-60-60	1.58-1.59- —
1884 C. of G'd H.	178	(a) (a)	60-60-60	1.33-1.83- —
1884 Ceylon	178	(a) (a)	53-53-53	.33- .50- —
1884 Colombia	178	(a) (a)	60-60-60	.64-2.01- —
1884 Cuba	178	(a) M.	59-59-59	.96-1.43- —
1884 Denmark	178	(a) M.	60-60-60	.80- .80- .80
1884 Ecuador	178	(a) M.	60-60-60	1.67-2.33- —
1884 England	178	(a) M.	*f* 53-57 —	.73-1.42- —
1884 France	178	(a) M.	*g* 60-66 —	.72-1.50- —
1884 France	504	(a) M.	(a)	.55-1.35- —
1884 Germany	178	(a) M.	*h* 60-72 —	.37-1.21- —
1884 Gibraltar	178	(a) M.	56-56-56	.50-1.00- —
1884 Gr't Brit	178	(a) M.	(a)	1.05-1.05-1.05
1884 Hawai. Is.	178	(a) (a)	54-54-54	4.00-4.00-4.00
1884 Ireland	178	(a) M.	*e* 56-60 —	.61-1.42- —
1884 Italy	178	(a) M.	*i* 60-72 —	.32- .97- —
1884 Mexico	178	(a) (a)	*j* 60-60-60	.43-2.08- —
1884 Morocco	178	(a) (a)	60-72 —	.20- .40- —
1884 Netherl'ds	178	(a) M.	60-63 —	.60- .80- —
1884 N. Zealand	178	(a) (a)	60-60-60	1.95-2.92- —
1884 Persia	178	(a) (a)	(a)	.24- .32- —
1884 Philip. Is.	178	(a) M.	(a)	.75-1.50- —
1884 Russia	178	(a) M.	60-72 —	.45-1.29- —
1884 Russia	178	(a) M.	72-72-72	*k* .28-1.10- —
1884 Scotland	178	(a) M.	*l* 51-51-51	1.02-1.36- —
1884 Spain	178	(a) M.	60-72 —	.48-1.00- —
1884 Switzerl'd.	178	(a) M.	*l* 60-66 —	.58-1.26- —
1884 Turk. in A.	178	(a) (a)	66-72 —	.20-2.40- —
1884 Venezuela	178	(a) (a)	(a)	3.00-4.00- —
1884 Wales	178	(a) M.	*n* 54-54-54	.61-1.21- —
1885 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1885 Ill	2	20 M.	59-59-59	3.25-3.25-3.25
1885 La	16	1 M.	60-60-60	3.00-3.00-3.00
1885 Mo	2	72 M.	60-60-60	2.25-2.75-2.51
1885 Mo	16	80 M.	60-60-60	2.50-3.00-2.63
1885 Mo	296	4 M.	60-60-60	3.00-3.00-3.00
1885 N. J	324	6 M.	60-60-60	2.00-3.00-2.58
1885 Ohio	367	1 M.	60-60-60	2.26-2.26-2.26
1885 Pa	2	68 M.	60-60-60	2.00-2.66-2.33
1885 Australia	175	(a) (a)	(a)	*k* 1.22-1.62- —
1885 Canada	467	(a) M.	55-60 —	1.34-1.47- —
1885 Ecuador	134	(a) (a)	(a)	.24- .24- .24
1885 France	494	(a) M.	(a)	.64-1.16- —
1886 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1886 La	16	1 M.	60-60-60	3.00-3.00-3.00
1886 Mo	16	80 M.	60-60-60	2.50-3.00-2.63
1886 N. J	2	184 M.	58-60-59	2.25-2.87-2.56
1886 N. Y	2	94 M.	60-60-60	2.37-3.12-2.75
1886 Argentina	57	(a) M.	60-60-60	1.00-1.33- —
1886 Australia	184	(a) M.	(a)	1.42-1.62- —
1886 France	495	(a) M.	(a)	.64-1.16- —
1887 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1887 Kans	241	2 M.	60-60-60	2.50-2.50-2.50
1887 La	16	1 M.	60-60-60	3.00-3.00-3.00
1887 Mo	16	85 M.	60-60-60	2.50-3.00-2.63
1887 Mo	297	4 M.	60-72-63	2.25-2.30-2.29
1887 N. Y	331	76 M.	*o* 54-60-59	1.50-3.00-2.48
1887 Wis	409	11 M.	(a)	2.41-2.41-2.41
1887 Australia	420	(a) (a)	48-48-48	1.42-2.23- —
1887 Canada	469	(a) M.	60-60-60	1.56-1.56-1.56
1887 France	495	(a) M.	(a)	.65-1.16- —
1888 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1888 La	16	1 M.	60-60-60	3.00-3.00-3.00
1888 Mo	16	85 M.	60-60-60	2.50-3.00-2.63
1888 N. Y	331	258 M.	*p* 42-60-48	1.50-3.50-2.70
1888 Ohio	370	20 M.	60-60-60	1.50-2.50-2.16
1888 Australia	83	(a) (a)	(a)	1.75-2.25- —
1888 Australia	421	(a) M.	48-48-48	1.42-2.23- —
1888 Canada	470	(a) M.	60-60-60	1.68-1.68-1.68
1888 C. of G'd H.	484	(a) M.	(a)	3.24-3.24-3.24
1889 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1889 Kans	243	1 M.	(a)	2.00-2.00-2.00
1889 La	16	1 M.	60-60-60	3.00-3.00-3.00
1889 Mo	16	85 M.	60-60-60	2.50-3.00-2.63
1889 Australia	422	(a) (a)	48-48-48	1.95-2.19- —
1889 England	5	(a) M.	48-56 —	1.12-1.22- —
1889 Germany	534	(a) (a)	(a)	.88- .88- .88
1889 Portugal	691	(a) (a)	(a)	.04½-1.30- —
1890 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1890 Conn	203	25 M.	57-60-59	2.00-2.50-2.23
1890 Kans	244	5 M.	(a)	2.50-3.00-2.71
1890 La	16	1 M.	60-60-60	3.00-3.00-3.00
1890 Minn	292	129 M.	(a)	1.25-2.90-2.09

a Not reported.
b Not including hours of 100 persons not reported.
c Applies to but 6 of the 8 wage quotations.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 31 of the 35 wage quotations.
f Applies to but 17 of the 37 wage quotations.
g Applies to but 7 of the 8 wage quotations.
h Applies to but 49 of the 57 wage quotations.
i Applies to but 16 of the 20 wage quotations.
j Applies to but 4 of the 6 wage quotations.
k And board and lodging.
l Applies to but 6 of the 9 wage quotations.
n Applies to but 3 of the 5 wage quotations.
o Not including hours of 4 persons not reported.
p Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HORSESHOERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1890 Mo	16	85 M.	60-60-60	2.50-3.00-2.63
1890 N. Y	333	2 M.	(a)	2.00-2.28-2.14
1890 Australia	423	(a) (a)	48-48-48	1.95-2.19- —
1890 C. of G'd H.	484	(a) M.	(a)	1.46-2.84- —
1890 England	5	(a) M.	(a)	1.05-1.05-1.05
1891 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1891 La	16	1 M.	60-60-60	3.00-3.00-3.00
1891 Mo	16	93 M.	60-60-60	2.50-3.00-2.64
1891 Mo	300	1 M.	(a)	3.25-3.25-3.25
1891 N. Y	333	2 M.	(a)	2.00-2.00-2.00
1891 Belgium	457	(a) M.	b 66-66-66	.73- .87- —
1891 China	105	(a) (a)	(a)	.24- .24- .24
1891 France	505	(a) M.	84-84-84	1.10-1.35- —
1891 France	522	(a) M.	(a)	.65-1.16- —
1892 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1892 La	16	1 M.	60-60-60	3.00-3.00-3.00
1892 Mo	16	85 M.	60-60-60	2.50-3.00-2.65
1892 Mo	301	12 M.	59-59-59	2.75-2.75-2.75
1892 Ohio	373	13 (a)	60-72-63	2.00-2.50-2.40
1892 Australia	424	(a) M.	48-48-48	1.70-2.19- —
1892 C. of G'd H.	486	(a) M.	(a)	.97-2.43- —
1892 Corsica	505	(a) M.	(a)	.77- .77- .77
1892 France	505	(a) M.	c 60-84 —	.39-1.35- —
1892 France	505	(a) M.	(a)	d .09½- .48- —
1892 Scotland	577	(a) M.	54-54-54	1.09-1.54- —
1892 Scotland	632	(a) M.	54-54-54	1.30-1.62- —
1892 Spain	134	(a) (a)	(a)	.75- .75- .75
1893 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1893 Ill	10	6 M.	48-60-56	2.33-4.17-3.25
1893 La	16	1 M.	60-60-60	3.00-3.00-3.00
1893 Md	10	2 M.	60-60-60	2.00-2.50-2.25
1893 Mo	16	80 M.	60-60-60	2.50-3.00-2.63
1893 Mo	302	7 M.	60-60-60	2.50-3.00-2.79
1893 Pa	10	2 M.	58-58-58	2.33-2.67-2.50
1893 R. I	400	3 M.	(a)	2.50-3.00-2.75
1893 France	507	(a) (a)	66-72 —	.58- .97- —
1893 France	507	(a) (a)	72-72-72	e .22- .33- —
1893 Ireland	583	(a) M.	(a)	.81-1.05- —
1894 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1894 Iowa	236	5 M.	48-60-58	1.75-3.00-2.15
1894 La	16	1 M.	60-60-60	3.00-3.00-3.00
1894 Mo	16	80 M.	60-60-60	2.50-3.00-2.63
1894 N. H	316	3 M.	60-60-60	1.75-2.50-2.08
1894 Australia	425	(a) (a)	(a)	1.70-1.70-1.70
1894 C. of G'd H.	487	(a) M.	57-57-57	2.43-3.45- —
1894 France	129	(a) M.	60-60-60	1.25-1.35- —
1894 France	134	(a) (a)	(a)	.98-1.30- —
1894 France	508	(a) M.	72-78 —	.34-1.05- —
1895 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1895 Ga	8	1 M.	48-48-48	2.50-2.50-2.50
1895 La	16	1 M.	60-60-60	3.00-3.00-3.00
1895 Mo	16	80 M.	60-60-60	2.50-3.00-2.63
1895 Australia	426	(a) (a)	(a)	1.70-1.70-1.70
1895 England	591	(a) M.	(a)	.97-1.30- —
1895 France	509	(a) (a)	60-60-60	.68- .87- —
1895 France	509	(a) (a)	(a)	e .18- .26- —
1895 Spain	133	(a) M.	(a)	.40- .60- —
1896 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1896 La	16	1 M.	60-60-60	3.00-3.00-3.00
1896 Mass	14	2 M.	53-53-53	2.01-2.76-2.39
1896 Mo	16	72 M.	53-53-53	2.00-3.00-2.25
1896 Algeria	505	(a) M.	(a)	.97- .97- .97
1896 Algeria	505	(a) M.	(a)	f .09½-.09½-.09½
1896 Australia	184	(a) M.	(a)	1.42-1.70- —
1896 Australia	427	(a) (a)	(a)	1.70-2.03- —
1896 Aust-Hun	436	(a) (a)	57-66 —	.61-1.08- —
1896 Aust-Hun	436	(a) (a)	57-66 —	d .34- .54- —
1896 Belgium	184	(a) (a)	(a)	.94- .94- .94
1896 Canada	482	(a) (a)	(a)	3.25-3.25-3.25
1896 C. of G'd H.	184	(a) M.	(a)	2.40-3.36- —
1896 Corsica	505	(a) M.	(a)	.77- .77- .77
1896 Corsica	505	(a) M.	(a)	f .07½-.07½-.07½
1896 France	505	(a) M.	(a)	.22-1.35- —
1896 France	505	(a) M.	(a)	f .02- .13½- —
1896 France	505	(a) M.	(a)	d .22- .37- —
1896 France	505	(a) M.	(a)	e .13- .39- —
1896 France	505	(a) M.	(a)	g .26- .27- —
1896 France	505	(a) M.	(a)	h .01½-.04- —
1896 France	510	(a) (a)	72-72-72	.77- .92- —
1897 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1897 La	16	1 M.	60-60-60	3.00-3.00-3.00
1897 Mo	16	52 M.	53-53-53	2.00-2.50-2.12
1897 N. Y	337	489 M.	i 58-60-59	2.00-3.50-2.74
1897 Australia	428	(a) (a)	(a)	1.62-1.82- —
1897 Aust-Hun	437	(a) (a)	60-60-60	.85-1.02- —
1897 England	593	(a) (a)	56-57 —	.89-1.14- —
1898 Cal	16	3 M.	60-60-60	3.00-3.50-3.33
1898 La	16	1 M.	60-60-60	3.00-3.00-3.00
1898 Mo	16	49 M.	53-53-53	2.00-2.50-2.12
1898 N. Y	338	933 M.	j 58-60-59	2.50-3.50-2.85
1898 Australia	429	(a) (a)	(a)	1.62-1.82- —
1898 Aust-Hun	438	(a) (a)	72-72-72	.61- .61- .61
1898 Aust-Hun	438	(a) (a)	72-72-72	k .34- .34- .34
1898 England	594	(a) (a)	l 57-60 —	.97-1.20- —
1899 Ga	18	9 M.	60-60-60	2.00-3.00-2.33
1900 Ga	18	9 M.	60-60-60	2.00-3.00-2.33

HOSE-SUPPORTER MAKERS.

1887	N. Y	3	3	F.	53-56-54	.42- .63- .51	1892	Ill	210	10	F.	55-55-55	.63-1.40- .87

HOSIERY-LOOM BUILDERS.

1873	Germany	177	(a)	M.	(a)	.58- .58- .58	1877	Germany	177	(a)	M.	(a)	.58- .58- .58
1874	Germany	177	(a)	M.	(a)	.58- .58- .58	1878	Germany	177	(a)	M.	(a)	.58- .58- .58
1875	Germany	177	(a)	M.	(a)	.58- .58- .58	1884	Germany	178	(a)	M.	66-66-66	.43- .63- —
1876	Germany	177	(a)	M.	(a)	.58- .58- .58								

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Applies to but 3 of the 6 wage quotations.
d And board.
e And board and lodging.
f Per hour.
g And lodging.
h Per hour, and board and lodging.
i Not including hours of 335 persons not reported.
j Not including hours of 600 persons not reported.
k And found.
l Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOSTLERS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1851 England	632	(a) M.	(a)	0.38-0.38-0.38
1853 England	632	(a) M.	(a)	.42- .42- .42
1858 England	632	(a) M.	(a)	.45- .45- .45
1864 England	632	(a) M.	(a)	.49- .49- .49
1870 England	632	(a) M.	(a)	.59- .59- .59
1871 Mass	267	81 M.	b84-84-84	1.42-1.50-1.45
1874 Br. India	459	(a) (a)	(a)	.04½-.24- —
1874 Wales	185	(a) M.	(a)	.80-1.46- —
1875 Br. India	459	(a) (a)	(a)	.04½-.23- —
1876 Australia	177	(a) M.	(a)	c.53- .69- —
1876 Br. India	459	(a) (a)	(a)	.04½-.23- —
1877 Pa	382	1 M.	84-84-84	2.30-2.30-2.30
1877 Br. India	459	(a) (a)	(a)	.04½-.22- —
1878 Br. India	459	(a) (a)	(a)	.04½-.22- —
1879 Br. India	459	(a) (a)	(a)	.04½-.18- —
1880 Pa	7	1 M.	60-60-60	1.67-1.67-1.67
1880 Br. India	459	(a) (a)	(a)	.04- .20- —
1880 England	632	(a) M.	(a)	.56- .63- —
1881 Mass	2	170 M.	91-91-91	1.23-1.23-1.23
1881 Br. India	459	(a) (a)	(a)	.04- .19- —
1882 Ohio	364	341 (a)	77-105-85	1.00-1.50-1.37
1882 Ohio	364	4 (a)	84-91-88	c.54- .71- .63
1882 Br. India	459	(a) (a)	(a)	.04½-.26- —
1883 Ga	7	2 M.	(a)	1.10-1.10-1.10
1883 N. J	322	62 M.	77-105-79	1.29-1.50-1.33
1883 Br. India	459	(a) (a)	(a)	.04½-.19- —
1884 Iowa	231	25 M.	(d)	1.00-1.64-1.31
1884 Iowa	231	1 M.	70-70-70	c.71- .71- .71
1884 Mo	295	220 M.	(e)	.99-2.14-1.54
1884 N. J	323	10 M.	(a)	1.50-1.50-1.50
1884 Pa	7	2 M.	60-60-60	1.67-1.67-1.67
1884 Pa	388	641 M.	84-119-91	1.00-1.50-1.36
1884 Br. India	459	(a) (a)	(a)	.04½-.19- —
1884 England	178	(a) M.	(a)	.27- .40- —
1884 England	178	(a) M.	(a)	f.26- .46- —
1884 Germany	178	(a) M.	g98-98-98	.09- .68- —
1884 Germany	178	(a) M.	(a)	f.06½-.26- —
1884 Italy	46	(a) (a)	(a)	.39- .58- —
1884 Persia	178	(a) (a)	(a)	.08- .11- —
1885 Mo	296	212 M.	70-84-83	1.32-1.50-1.50
1885 N. J	7	1 M.	60-60-60	1.67-1.67-1.67
1885 Pa	389	678 M.	70-112-95	.75-2.29-1.39
1885 Australia	175	(a) M.	(a)	f.61- .69- —
1885 Br. India	459	(a) (a)	(a)	.03½-.19- —
1885 N. Zealand	68	(a) M.	(a)	c.52-1.04- —
1886 Ill	7	8 M.	54-54-54	1.67-2.00-1.79
1886 Kans	240	23 M.	77-105-91	1.00-1.33-1.20
1886 Pa	7	1 M.	60-60-60	1.42-1.42-1.42
1886 Br. India	459	(a) (a)	(a)	.03½- .18- —
1887 Kans	241	36 M.	(h)	1.00-1.50-1.33
1887 Mo	297	106 M.	70-98-81	.66-1.50-1.41
1887 Ohio	369	1 M.	63-63-63	1.87-1.87-1.87
1887 Wis	409	127 M.	(a)	1.53-1.53-1.53
1887 Br. India	459	(a) M.	(a)	.02½- .17- —
1888 Kans	242	45 M.	(i)	1.00-1.35-1.30
1888 Mich	280	2 M.	70-70-70	1.32-1.32-1.32
1888 N. Y	6	1 M.	60-60-60	1.25-1.25-1.25
1888 N. Y	331	4 M.	70-70-70	2.00-2.00-2.00
1888 Ohio	370	229 M.	j70-98-73	1.15-1.71-1.42
1888 S. C	6	1 M.	(a)	.75- .75- .75
1888 Va	5	1 M.	(a)	1.08-1.08-1.08
1888 Australia	83	(a) M.	(a)	f0.54-0.71- —
1888 Br. India	459	(a) M.	(a)	.03½- .16- —
1889 Conn	5	1 M.	(a)	1.34-1.34-1.34
1889 Kans	243	58 M.	(k)	1.00-2.00-1.29
1889 Ohio	5	1 M.	(a)	1.64-1.64-1.64
1889 Ohio	370	3 M.	70-70-70	.96- .96- .96
1889 Pa	5	1 M.	(a)	1.45-1.45-1.45
1889 Tenn	6	6 M.	(a)	1.00-1.20-1.10
1889 W. Va	5	1 M.	70-70-70	1.60-1.60-1.60
1889 Br. India	459	(a) (a)	(a)	.03- .17- —
1889 Germany	5	(a) M.	(a)	.40- .40- .40
1889 Germany	534	(a) (a)	(a)	.48- .48- .48
1890 Conn	203	118 M.	70-100-80	1.07-2.00-1.51
1890 N. Y	333	11 M.	*(a)	1.50-2.00-1.74
1890 Pa	5	1 M.	(a)	1.50-1.50-1.50
1890 Br. India	459	(a) (a)	(a)	.04- .21- —
1890 Netherl'ds	666	(a) M.	95-126 —	.52- .56- —
1891 N. Y	333	14 M.	(a)	.88-2.00-1.74
1891 Belgium	457	(a) M.	l56-102 -	.43- .69- —
1891 Br. India	459	(a) (a)	(a)	.03½-.20- —
1891 England	632	(a) M.	n 63-63-63	.56- .97- —
1891 France	505	(a) M.	84-84-84	.97-1.54- —
1891 Italy	638	(a) M.	(a)	.34- .34- .34
1892 Iowa	235	1 M.	70-70-70	.32- .32- .32
1892 Mass	20	1 M.	70-70-70	1.30-1.30-1.30
1892 Br. India	459	(a) (a)	(a)	.02- .21- —
1892 England	632	(a) M.	(a)	.41- .72- —
1892 England	632	(a) M.	(a)	o .42- .63- —
1892 France	505	(a) M.	57-57-57	.39- .39- .39
1893 Ill	10	6 M.	60-84-69	1.29-2.00-1.65
1893 Ill	10	2 M.	42-92-67	c .36-1.29- .83
1893 Md	10	1 M.	94-94-94	1.43-1.43-1.43
1893 Mass	20	1 M.	68-68-68	1.44-1.44-1.44
1893 Mo	302	99 M.	63-84-77	.58-2.00-1.46
1893 Br. India	459	(a) (a)	(a)	.02- .18- —
1893 England	632	(a) M.	(a)	.45- .70- —
1893 Ireland	632	(a) M.	(a)	.35- .49- —
1893 Scotland	632	(a) M.	p70-70-70	.46- .70- —
1893 Scotland	632	(a) M.	(a)	f .27- .54- —
1894 Me	260	19 M.	70-98-96	1.15-1.67-1.28
1894 Mass	20	1 M.	68-68-68	1.44-1.44-1.44
1894 Aust-Hun	434	(a) M.	70-70-70	.49- .49- .49
1894 Br. India	459	(a) (a)	(a)	.02- .15- —
1894 France	129	(a) M.	70-70-70	.97-1.54- —
1895 Me	7	2 M.	60-60-60	2.00-2.00-2.00
1895 Mass	20	1 M.	68-68-68	1.44-1.44-1.44
1895 Mo	304	1 M.	(a)	1.50-1.50-1.50
1895 N. H	7	3 M.	60-60-60	1.13-2.08-1.57
1895 N. J	7	1 M.	60-60-60	1.67-1.67-1.67
1895 N. Y	7	1 M.	60-60-60	1.17-1.17-1.17
1895 Ohio	376	7 M.	63-70-68	1.10-2.50-1.59
1895 R. I	7	5 M.	57-57-57	1.67-2.50-1.83
1895 Br. India	459	(a) (a)	(a)	.02½-.12- —
1895 England	680	(a) M.	(a)	.73- .73- .73
1896 Ga	7	2 M.	66-66-66	1.00-1.00-1.00
1896 Ill	7	12 M.	54-54-54	1.67-1.67-1.67
1896 Mich	287	6 M.	(a)	.54-1.25- .89
1896 Ohio	377	77 M.	q70-84-71	1.25-2.00-1.72
1896 Pa	7	8 M.	54-60-56	1.58-2.17-1.89
1896 Pa	394	1 M.	70-70-70	1.13-1.13-1.13
1896 Tenn	15	1 M.	(a)	.71- .71- .71

a Not reported.
b Not including hours of 25 persons not reported.
c And board.
d 84-119-93 hours; not including hours of 1 person not reported.
e 70-105-84 hours; not including hours of 10 persons not reported.
f And board and lodging.
g Applies to but 3 of the 6 wage quotations.
h 84-119-92 hours; not including hours of 4 persons not reported.
i 84-105-88 hours; not including hours of 20 persons not reported.
j Not including hours of 51 persons not reported.
k 70-105-87 hours; not including hours of 9 persons not reported.
l Applies to but 6 of the 9 wage quotations.
n Applies to but 2 of the 4 wage quotations.
o And cottage.
p Applies to but 4 of the 14 wage quotations.
q Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOSTLERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1897 Kans	251	2 M.	(a)	0.49-0.49-0.49
1897 Aust-Hun	437	(b) (b)	77-91 —	.59- .59- .59
1897 Aust-Hun	449	(b) M.	(b)	c.03- .13- —
1897 Denmark	492	(b) M.	(b)	c.12- .40- —
1898 Br. India	155	(b) (b)	(b)	0.06½-0.08- —
1899 Pa	18	28 M.	74-74-74	2.00-2.00-2.00
1900 Pa	18	20 M.	74-74-74	2.00-2.00-2.00

HOT-BED HANDS, ROLLING MILL.

1876	Pa	381	2	M.	(b)	1.60-1.60-1.60	1889	Ohio	5	14	M.	66-66-66	1.44-1.49-1.45
1878	Pa	383	12	M.	(b)	2.02-2.02-2.02	1889	Pa	5	12	M.	66-66-66	1.97-1.97-1.97
1885	Ohio	1	6	M.	60-60-60	1.25-1.25-1.25	1889	Belgium	5	(b)	M.	e60-72 —	.25-1.12- —
1885	Pa	1	36	M.	48 48-48	2.50-2.50-2.50	1889	England	5	(b)	M.	(b)	.26- .69- —
1887	Pa	390	10	M.	(b)	2.15-2.15-2.15	1889	France	5	(b)	M.	60-60-60	.75-1.00- —
1888	England	5	(b)	M.	(b)	.71-1.30- —	1889	Italy	5	(b)	M.	(b)	.49- .58- —
1889	Ill	5	14	M.	d60-60-60	1.75-2.30-2.06	1896	Pa	394	3	M.	60-60-60	.70- .71- .70

HOT-BLAST MEN, BLAST FURNACE.

1874	Pa	382	2	M.	(b)	1.75-1.75-1.75	1889	Pa	5	23	M.	3-84-82	1.25-2.00-1.65
1876	Pa	382	2	M.	(b)	1.44-1.44-1.44	1889	W. Va	5	4	M.	84-84-84	1.65-1.65-1.65
1878	Pa	383	5	M.	84-84-84	1.15-1.35-1.23	1889	Belgium	5	(b)	M.	(b)	.66- .75- —
1885	Ohio	1	14	M.	84-84-84	1.00-1.48-1.31	1889	England	5	(b)	M.	(b)	.75- .75- .75
1885	Pa	1	4	M.	84-84-84	1.25-1.25-1.25	1889	France	5	(b)	M.	84-84-84	.80- .80- .80
1886	England	604	(b)	M.	(b)	.87- .87- .87	1889	Germany	5	(b)	M.	84-84-84	.46- .62- —
1888	Ohio	5	2	M.	84-84-84	1.65-1.65-1.65	1890	Pa	5	2	M.	84-84-84	1.65-1.65-1.65
1888	Tenn	5	1	M.	(b)	1.15-1.15-1.15	1890	Wis	5	2	M.	84-84-84	2.20-2.20-2.20
1888	Va	5	7	M.	(b)	1.25-1.49-1.42	1892	Ohio	373	29	M.	g70-84-82	1.20-2.10-1.66
1888	England	5	(b)	M.	84-84-84	.75- .75- .75	1895	Ohio	376	40	M.	84-84-84	1.15-2.00-1.56
1889	Ala	5	2	M.	84-84-84	1.75-1.75-1.75	1896	Pa	394	5	M.	84-84-84	1.36-1.49-1.43
1889	Ohio	5	18	M.	f84-84-84	1.35-1.65-1.63	1897	Ohio	377	38	(b)	84-84-84	1.00-2.00-1.43

HOUSE CLEANERS.

1887	N. Y	3	1	F.	60-60-60	.21- .21- .21	1896	Ga	15	1	M.	(b)	.67- .67- .67
1893	N. Y	10	21	F.	12-72-58	.17-2.00- .80	1896	Ga	15	2	F.	(b)	.13- .50- .32
1893	Pa	10	2	F.	40-60-50	.17- .75- .46	1896	Tenn	15	1	M.	(b)	.50- .50- .50
1894	Iowa	236	1	F.	60-60-60	1.00-1.00-1.00	1896	Tenn	15	1	F.	(b)	.17- .17- .17

HOUSEKEEPERS.

1876	Ind	3	1	F.	(b)	c.71- .71- .71	1884	Italy	178	(b)	F.	(b)	.50- .70- —
1877	Wales	632	(b)	F.	(b)	.27- .27- .27	1884	Italy	178	(b)	F.	(b)	h.19- .32- —
1878	England	177	(b)	F.	(b)	c.27-1.33- —	1884	Netherl'ds	178	(b)	F.	(b)	h.25- .33- —
1878	Wales	632	(b)	F.	(b)	.25- .25- .25	1884	Peru	178	(b)	F.	(b)	.39- .54- —
1879	Wales	632	(b)	F.	(b)	.25- .25- .25	1884	Russia	178	(b)	F.	(b)	h.26- .41- —
1880	Wales	632	(b)	F.	(b)	.25- .25- .25	1884	Spain	178	(b)	F.	(b)	h.13- .33- —
1881	Ohio	3	1	F.	(b)	c.57- .57- .57	1884	Switzerl'd	178	(b)	F.	(b)	h.16- .27- —
1881	Wales	632	(b)	F.	(b)	.24- .24- .24	1884	Wales	178	(b)	F.	(b)	h.16- .27- —
1882	Wales	632	(b)	F.	(b)	.25- .25- .25	1884	Wales	632	(b)	F.	(b)	.25- .25- .25
1883	Wales	632	(b)	F.	(b)	.25- .25- .25	1885	N. Y	7	2	F.	56-56-56	1.29-1.43-1.36
1884	Mich	278	5	F.	(b)	.29- .71- .59	1885	Germany	163	(b)	(b)	(b)	c.15- .15- .15
1884	Brazil	178	(b)	F.	(b)	.28- .42- —	1885	Wales	632	(b)	F.	(b)	.25- .25- .25
1884	Denmark	178	(b)	F.	(b)	h.11- .15- —	1886	Iowa	232	2	F.	84-84-84	1.00-1.00-1.00
1884	England	178	(b)	F.	(b)	.27-2.00- —	1886	Wales	632	(b)	F.	(b)	.25- .25- .25
1884	England	178	(b)	F.	(b)	h.29- .86- —	1887	Wales	632	(b)	F.	(b)	.25- .25- .25
1884	Germany	178	(b)	F.	(b)	.10- .26- —	1888	N. J	326	1	F.	(b)	1.25-1.25-1.25
1884	Germany	178	(b)	F.	i84-84-84	h.10- .59- —	1888	N. Y	331	1	F.	59-59-59	1.15-1.15-1.15

a 105-112-109 hours.
b Not reported.
c And board.
d Not including hours of 8 persons not reported.
e Applies to but 9 of the 14 wage quotations.
f Not including hours of 1 person not reported.
g Not including hours of 2 persons not reported.
h And board and lodging.
i Applies to but 3 of the 22 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOUSEKEEPERS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Australia	83	(a) F.	(a)	b0.36-0.43- —
1888 Wales	632	(a) F.	(a)	.25- .25- .25
1889 Australia	432	(a) F.	(a)	.26- .69- —
1889 Wales	632	(a) F.	(a)	.25- .25- .25
1890 Wales	632	(a) F.	(a)	.25- .25- .25
1891 Mich	283	6 F.	(a)	.57-1.79-1.20
1891 China	105	(a) F.	(a)	.49- .49- .49
1891 Wales	632	(a) F.	(a)	.27- .27- .27
1892 Ill	210	4 F.	63-63-63	b .56-2.20-1.04
1892 Me	258	8 F.	c70-70-70	d .36- .83- .60
1892 Wales	632	(a) F.	(a)	.27- .27- .27
1893 Ill	10	3 F.	e56-65-61	.29-1.00- .57
1893 Ill	10	2 F.	e70-70-70	d .43- .50- .47
1893 Md	10	8 F.	60-105-83	.29- .86- .46
1893 N. J	327	8 F.	(a)	.29- .43- .35
1893 N. Y	10	10 F.	e48-94-73	.29-1.32- .54
1893 N. Y	10	1 F.	(a)	d1.43-1.43-1.43
1893 Pa	10	5 F.	72-84-80	.29- .86- .48
1893 Pa	10	2 F.	72-86-79	d .50- .50- .50
1893 Wales	632	(a) F.	(a)	.27- .27- .27
1894 Kans	248	12 F.	(a)	b .43- .43- .43
1894 England	585	(a) F.	(a)	d .30- .30- .30
1895 N. Y	7	2 F.	56-56-56	1.29-1.29-1.29
1895 Nicaragua	140	(a) F.	(a)	d .25- .33- —
1896 N. Y	336	51 F.	(a)	.82-1.32-1.05
1897 Denmark	492	(a) F.	(a)	d .08- .29- —
1897 England	607	(a) F.	(a)	g .40-1.07- —
(f) Gr't Brit	607	(a) F.	(a)	g .50- .70- —
(f) Ireland	607	(a) F.	(a)	g .16- .16- .16
(f) Scotland	607	(a) F.	(a)	g .33- .67- —
1899 Germany	163	(a) (a)	(a)	d .20- .20- .20

HOUSEMAIDS.

1850	Germany	76	(a)	F.	(a)	.02½-.03- —	1886	C.of G'd H.	483	(a)	(a)	(a)	b .32- .32- .32
1869	Scotland	628	(a)	F.	(a)	b .11- .12- —	1886	C.of G'd H.	483	(a)	(a)	(a)	d .48- .48- .48
1870	Germany	76	(a)	F.	(a)	d .04½-.06- —	1887	Australia	420	(a)	F.	(a)	.40- .53- —
1872	Mass	268	87	F.	(a)	d .54- .64- .64	1888	Australia	83	(a)	F.	(a)	b .29- .36- —
1872	Ireland	185	(a)	F.	(a)	.13- .13- .13	1888	Australia	421	(a)	F.	(a)	d .40- .53- —
1872	Scotland	185	(a)	F.	(a)	d .16- .19- —	1888	C.of G'd H.	484	(a)	F.	(a)	.20- .48- —
1873	England	177	(a)	F.	(a)	.21- .27- —	1888	C.of G'd H.	484	(a)	F.	(a)	b .16- .70- —
1874	Scotland	177	(a)	F.	(a)	d .16- .21- —	1888	Germany	558	(a)	F.	(a)	b .10- .12- —
1875	Germany	76	(a)	F.	(a)	.06- .10- —	1889	Australia	422	(a)	F.	(a)	b .42- .56- —
1875	Scotland	177	(a)	F.	(a)	d .16- .21- —	1889	N. Zealand	96	(a)	F.	(a)	d .40- .40- .40
1876	Australia	171	(a)	F.	(a)	d .35- .47- —	1890	Australia	423	(a)	F.	(a)	b .42- .56- —
1876	Scotland	177	(a)	F.	(a)	d .16- .21- —	1890	C.of G'd H.	486	(a)	F.	(a)	.32- .32- .32
1877	Germany	177	(a)	F.	(a)	.02½-.06½- —	1890	C.of G'd H.	486	(a)	F.	(a)	d .16- .48- —
1877	Scotland	177	(a)	F.	(a)	d .18- .22- —	1890	N. Zealand	683	(a)	F.	(a)	d .28- .87- —
1878	Australia	177	(a)	F.	(a)	.40- .53- —	1891	England	587	(a)	F.	(a)	d .19- .22- —
1878	England	177	(a)	F.	(a)	.19- .24- —	1891	Scotland	587	(a)	F.	(a)	d .18- .23- —
1878	England	177	(a)	F.	(a)	d .18- .27- —	1892	Australia	424	(a)	F.	(a)	b .28- .42- —
1878	Germany	177	(a)	F.	(a)	d .07½-.09½- —	1892	Canary Is	617	(a)	F.	(a)	d .08- .10- —
1878	Italy	177	(a)	F.	(a)	.08- .12- —	1892	C.of G'd H.	486	(a)	F.	(a)	d .12- .48- —
1878	Scotland	177	(a)	F.	(a)	d .18- .22- —	1893	Australia	134	(a)	F.	(a)	b .40- .53- —
1881	Australia	431	(a)	F.	(a)	b .35- .47- —	1893	England	583	(a)	F.	(a)	b .19- .27- —
1883	Ireland	43	(a)	F.	(a)	h .13- .21- —	1893	N. Zealand	682	(a)	F.	(a)	d .24- .52- —
1884	Australia	178	(a)	F.	(a)	.33- .53- —	1894	Australia	425	(a)	F.	(a)	b .28- .42- —
1884	Azores	178	(a)	F.	(a)	b .03½-.10- —	1894	C.of G'd H.	487	(a)	F.	63-84	d .16- .80- —
1884	Bahamas	178	(a)	F.	(a)	.06½-.12- —	1894	England	585	(a)	F.	(a)	d .19- .22- —
1884	Br. Guiana	178	(a)	F.	(a)	.10- .16- —	1894	Scotland	679	(a)	F.	(a)	.23- .23- .23
1884	Canada	178	(a)	F.	(a)	.16- .33- —	1895	Australia	426	(a)	F.	(a)	b .28- .42- —
1884	Canada	178	(a)	F.	(a)	b .16- .23- —	1895	N. Zealand	184	(a)	F.	(a)	d .24- .52- —
1884	Denmark	178	(a)	F.	(a)	b .03½-.14- —	1896	Australia	184	(a)	F.	(a)	d .40- .47- —
1884	England	178	(a)	F.	(a)	.10- .33- —	1896	Australia	427	(a)	F.	(a)	b .28- .42- —
1884	England	178	(a)	F.	(a)	b .21- .24- —	1896	Belgium	184	(a)	F.	(a)	.19- .19- .19
1884	Germany	178	(a)	F.	(a)	.05½-.39- —	1896	Canada	482	(a)	(a)	(a)	.49- .49- .49
1884	Germany	178	(a)	F.	(a)	b .04- .20- —	1896	Mexico	184	(a)	F.	(a)	.07- .12- —
1884	Ireland	178	(a)	F.	(a)	.08- .08- .08	1896	Turkey	184	(a)	F.	(a)	.14- .14- .14
1884	Ireland	178	(a)	F.	(a)	d .13- .13- .13	1897	Australia	428	(a)	F.	(a)	b .35- .49- —
1884	N. Zealand	178	(a)	F.	(a)	.35- .49- —	1897	Aust-Hun	449	(a)	F.	(a)	d .01- .04½- —
1884	Russia	178	(a)	F.	(a)	b .02- .21- —	1897	Denmark	492	(a)	F.	(a)	d .05- .14- —
1884	Scotland	178	(a)	F.	(a)	.27- .27- .27	1898	Australia	419	(a)	F.	(a)	d .14- .28- —
1884	Scotland	178	(a)	F.	(a)	b .19- .21- —	1898	Australia	429	(a)	F.	(a)	b .35- .42- —
1884	Spain	178	(a)	F.	(a)	b .13- .30- —	1898	C.of G'd H.	149	(a)	(a)	(a)	d .56- .56- .56
1885	Australia	431	(a)	F.	(a)	b .53- .53- .53	(f)	England	607	(a)	F.	(a)	g .12- .34- —
1885	Germany	76	(a)	F.	(a)	.08- .10- —	(f)	Gr't Brit	607	(a)	F.	(a)	g .13- .27- —
1885	Germany	163	(a)	F.	(a)	d .07- .07- .07	(f)	Ireland	607	(a)	F.	(a)	g .09½-.23- —
1885	N. Zealand	68	(a)	F.	(a)	d .28- .70- —	(f)	Scotland	607	(a)	F.	(a)	g .15- .28- —
1886	Argentina	57	(a)	F.	(a)	.39- .53- —	1899	Germany	163	(a)	F.	(a)	d .09½-.09½-.09½
1886	Australia	184	(a)	F.	(a)	d .33- .53- —							

a Not reported.
b And board and lodging.
c Not including hours of 3 persons not reported.
d And board.
e Not including hours of 1 person not reported.
f Average for 1894–98.
g Money wages.
h and found.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

HOUSE MOVERS.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).	Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1879 Mo	293	1 M.	60-60-60	1.41-1.41-1.41	1887 Wis	409	1 M.	(a)	1.50-1.50-1.50
1882 Ill	206	4 M.	(a)	2.00-2.00-2.00	1888 Iowa	233	1 M.	54-54-54	8.00-8.00-8.00

HUB BOXERS.

1894 N. Y	8	1 M.	60-60-60	1.50-1.50-1.50	1895 N. C	8	1 M.	60-60-60	2.00-2.00-2.00
1894 N. C	8	1 M.	60-60-60	1.50-1.50-1.50	1895 Ohio	376	11 M.	48-54-52	1.20-1.67-1.49
1894 Ohio	375	20 M.	48-60-53	1.14-1.75-1.34	1896 Mich	288	1 M.	60-60-60	1.85-1.85-1.85
1895 N. Y	8	3 M.	60-60-60	1.50-2.00-1.67	1896 N. Y	8	1 M.	60-60-60	3.50-3.50-3.50

HUB TURNERS.

1882 Ohio	364	23 (a)	60-60-60	1.66-2.50-2.18	1893 Ohio	374	8 M.	60-60-60	1.80-2.25-1.88
1884 N. J	323	2 M.	60-60-60	2.00-2.00-2.00	1894 Ind	228	2 M.	48-60-54	1.75-3.00-2.38
1887 Ohio	369	30 M.	60-72-61	1.50-2.50-1.80	1894 Ohio	375	4 M.	51-60-56	2.00-2.25-2.09
1888 Canada	470	(a) M.	57-57-57	1.78-1.78-1.78	1895 N. Y	8	4 M.	60-60-60	1.25-1.50-1.41
1890 Mich	282	5 M.	60-60-60	1.25-2.05-1.55	1895 Ohio	376	4 M.	b 54-54-54	1.67-2.00-1.75
1890 Ohio	371	4 (a)	60-60-60	2.00-2.00-2.00	1897 Australia	428	(a) (a)	(a)	1.46-1.82- —
1892 Ind	227	10 M.	60-60-60	1.58-1.58-1.58	1898 Australia	429	(a) (a)	(a)	1.46-1.82- —

HURRIERS, COAL MINING.

1841 England	625	(a) M.	(a)	.12- .34- —	1889 England	5	(a) M.	54-56 —	.77-1.22- —
1841 England	625	(a) F.	(a)	.19- .34- —	1890 England	5	(a) M.	(a)	.59- .59- .59
1841 England	625	(a) (a)	(a)	.19- .49- —	1896 England	592	(a) M.	(a)	.61- .65- —
1860 England	563	(a) M.	(a)	.61- .81- —					

HUT KEEPERS, AGRICULTURE.

1875 Australia	170	(a) M.	(a)	c.40- .40- .40	1886 Australia	184	(a) M.	(a)	d.35- .53- —
1876 Australia	171	(a) M.	(a)	.44- .44- .44	1888 Australia	83	(a) (a)	(a)	e.36- .36- .36
1877 Australia	172	(a) M.	(a)	.37- .37- .37	1891 N. Zealand	667	(a) (a)	(a)	d.27- .87- —
1884 Australia	178	(a) (a)	(a)	.35- .53- —	1893 N. Zealand	682	(a) (a)	(a)	d.53- .80- —
1885 Australia	175	(a) M.	(a)	d.35- .53- —	1896 Australia	184	(a) M.	(a)	d.35- .53- —

HYDRAULIC MEN, ROLLING MILL.

1878 Pa	383	20 M.	60-60-60	1.52-1.52-1.52	1889 England	5	(a) M.	66-66-66	1.22-1.22-1.22
1885 N. Y	1	16 M.	72-72-72	1.50-1.50-1.50	1889 Italy	5	(a) M.	(a)	.48- .54- —
1885 Pa	1	18 M.	48-48-48	.60- .60- .60					

ICE CREAM MAKERS.

1868 N. Y	8	2 M.	90-90-90	.46- .77- .62	1893 Ohio	374	7 M.	60-60-60	1.50-1.75-1.71
1885 R. I	7	2 M.	66-66-66	2.00-3.00-2.50	1893 Ohio	374	1 M.	60-60-60	d1.40-1.40-1.40
1887 Ohio	369	25 M.	60-60-60	1.25-1.66-1.39	1894 Ohio	375	4 M.	60-60-60	1.95-1.95-1.95
1887 Ohio	369	4 F.	60-60-60	1.25-1.25-1.25	1895 N. Y	8	3 M.	60-60-66	1.67-2.00-1.89
1888 N. Y	331	10 M.	b 60-72-63	.42-2.17-1.76	1895 Ohio	376	5 M.	54-60-59	1.75-2.00-1.80
1891 N. Y	333	3 M.	(a)	.83-1.92-1.19	1895 R. I	7	3 M.	66-66-66	1.67-3.00-2.22
1892 N. Y	334	1 (a)	72-72-72	2.00-2 00-2.00	1896 Mich	7	1 M.	60-60-60	1.25-1.25-1.25
1892 N. Y	334	1 (a)	48-48-48	d2.00-2.00-2.00	1896 Ohio	377	8 M.	60-60-60	1.86-1.86-1.86
1893 N. Y	10	1 M.	65-65-65	1.67-1.67-1.67					

a Not reported.
b Not including hours of 1 person not reported.
c And rations.
d And board.
e And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

ICE CREAM MAKERS' HELPERS.

Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)	Year and State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1888 N. Y	331	8 M.	60-72-62	0.83-1.00-0.96	....	....	....	.....	.....

ICE CUTTERS.

1881	Md	2	550	M.	60-60-60	1.50-1.50-1.50	1885	N. Y	2	600	M.	60-60-60	1.75-2.00-1.88
1881	Mass	2	30	M.	51-51-51	1.50-1.50-1.50	1886	N. Y	2	6330	M.	60-60-60	1.75-2.00-1.86
1882	Wis	2	26	M.	54-54-54	1.25-1.25-1.25	1888	N. Y	331	100	M.	60-60-60	1.25-1.25-1.25
1883	N. Y	2	7700	M.	60-60-60	1.50-1.75-1.63	1891	Me	257	9	M.	60-60-60	1.50-1.90-1.76
1884	N. Y	2	1080	M.	60-60-60	1.75-2.00-1.88	1891	Me	257	2	M.	(a)	b.20- .20- .20

ICE HOUSE HANDS.

1891	Me	257	6	M.	60-60-60	1.60-2.00-1.87	1895	Ohio	376	8	M.	d60-72-66	1.50-1.67-1.59
1891	Me	257	7	M.	(a)	b.15- .15- .15	1896	Mo	305	17	M.	60-72-70	1.25-1.77-1.65
1893	Ohio	374	27	M.	c60-72-67	1.25-2.50-1.65	1896	Ohio	377	24	M.	57-72-62	1.47-1.55-1.51
1894	Ohio	375	6	M.	72-72-72	1.25-1.75-1.50	1897	Va	404	9	M.	72-72-72	.75-1.25-1.06

ICERS, CONFECTIONERY.

1885	Md	7	4	F.	60-60-60	.50- .58- .54	1894	Ohio	375	2	F.	60-60-60	.62- .62- .62
1886	Ill	7	45	F.	60-60-60	.42-1.00- .62	1895	Md	7	10	F.	60-60-60	.42- .58- .52
1886	Md	3	3	F.	54-54-54	.42- .56- .49	1896	Ill	7	95	F.	60-60-60	.42-1.00- .59
1886	Pa	3	2	F.	60-60-60	.58- .67- .63	1896	Ohio	377	1	M.	60-60-60	1.00-1.00-1.00
1887	Ill	3	1	F.	60-60-60	.50- .50- .50	1896	Ohio	377	9	F.	60-60-60	.50- .58- .55

IMPOSERS, PRINTING AND PUBLISHING.

1853	France	609	(a)	(a)	(a)	.58- .58- .58	1891	Ill	19	1	M.	(a)	2.17-2.17-2.17
1869	France	609	(a)	(a)	(a)	.58- .77- —	1892	Ill	19	1	M.	60-60-60	2.33-2.33-2.33
1885	Mass	7	1	M.	59-59-59	2.50-2.50-2.50	1893	Ill	19	1	M.	60-60-60	2.50-2.50-2.50
1887	Germany	557	(a)	(a)	57-60 —	1.59-2.14- —	1895	Mass	7	3	M.	58-60-59	1.83-3.00-2.56
1888	Germany	558	(a)	(a)	57-57-57	1.43-2.14- —	1895	N. Y	7	1	M.	59-59-59	3.17-3.17-3.17
1889	Germany	550	(a)	M.	(a)	.98-2.38- —	1898	Aust-Hun	438	(a)	(a)	51-54 —	.81-1.08- —
1890	Ill	19	1	M.	(a)	2.00-2.00-2.00							

INDEX CUTTERS, BOOKBINDERY.

1840	N. Y	8	2	M.	60-60-60	2.00-2.00-2.00	1862	Pa	8	1	M.	60-60-60	3.50-3.50-3.50
1840	N. Y	8	1	F.	60-60-60	2.00-2.00-2.00	1895	Pa	8	1	F.	60-60-60	1.25-1.25-1.25
1860	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1896	N. Y	8	3	F.	54-60-56	1.17-1.20-1.18

INDEXERS, BOOKBINDERY.

1840	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1892	Ill	19	1	M.	59-59-59	2.50-2.50-2.50
1860	N. Y	8	1	M.	60-60-60	2.00-2.00-2.00	1892	Ill	210	7	F.	54-59-55	.83-1.00- .95
1862	Pa	8	1	M.	60-60-60	3.50-3.50-3.50	1893	Ill	10	2	F.	59-59-59	1.00-1.33-1.17
1882	Mass	7	1	M.	59-59-59	1.17-1.17-1.17	1893	Ill	19	1	M.	59-59-59	2.50-2.50-2.50
1887	Ill	3	2	F.	59-59-59	1.00-1.00-1.00	1895	Mass	7	4	M.	58-59-59	.58-1.00- .71
1887	Mass	3	1	F.	55-55-55	1.08-1.08-1.08	1895	Mass	7	5	F.	58-58-58	.58-1.17- .77
1887	N. Y	3	2	F.	54-58-56	1.04-2.00-1.52	1895	Pa	8	1	F.	60-60-60	1.25-1.25-1.25
1890	Ill	19	1	M.	(a)	2.50-2.50-2.50	1896	N. Y	8	2	M.	60-60-60	2.00-2.00-2.00

a Not reported.
b Per hour.
c Not including hours of 13 persons not reported.
d Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INDICATORS, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 N. Y.....	4	28 M.	(a)	0.99-1.25-1.09	....	....	.... ..	....	....

INK MAKERS.

1878 Ohio	360	1 M.	(a)	3.50-3.50-3.50	1893 Ohio	374	1 M.	(a)	2.00-2.00-2.00
1887 Ohio	369	11 M.	60-60-60	2.00-2.00-2.00	1895 Ohio	376	17 M.	b 60-60-60	1.72-2.50-1.87
1890 N. Y.....	333	2 M.	(a)	1.50-2.17-1.84	1896 Ohio	377	13 M.	c 60-60-60	1.50-2.00-1.88
1891 N. Y.....	333	2 M.	(a)	1.50-2.17-1.84					

INLAYERS, HARNESS.

1896 France....	510	(a)	(a)	60-60-60	1.25-1.54- —	....	....	....	.....	.....

INLAYERS' HELPERS, LINOLEUM.

1890 N. Y.....	333	7 M.	(a)	.50-1.00- .80	1891 N. Y.....	333	10 M.	(a)	.50-1.00- .81

INLAYERS, LINOLEUM.

1890 N. Y.....	333	5 M.	(a)	1.35-1.60-1.44	1891 N. Y.....	333	5 M.	(a)	1.35-1.60-1.44

INLAYERS, WOOD.

1892 France....	505	(a)	M.	63-66 —	.81-1.30- —	1896 France....	510	(a)	(a)	60-60-60	1.06-1.35- —

INSEAMERS, BOOTS AND SHOES.

1887 N. Y.....	3	3 F.	53-57-55	1.00-1.08-1.03	1895 Mass	7	1 M.	56-56-56	1.48-1.48-1.48
1887 Ohio	3	9 F.	44-60-57	.67-1.33- .96	1895 N. Y.....	8	2 M.	60-60-60	2.00-3.00-2.50

INSERTERS, PRINTING AND PUBLISHING.

1885 N. Y.....	7	6 F.	(a)	.88-1.40-1.15	1896 Aust-Hun .	436	(a)	F.	60-60-60	.32- .32- .32
1895 N. Y.....	7	8 F.	60-60-60	.75- .90- .83						

INSETTERS, BOOKBINDERY.

1886 Pa	3	2 F.	52-59-56	.67-1.17- .92	1887 Pa	3	1 F.	50-50-50	.83- .83- .83
1887 Ill.....	3	2 F.	55-56-56	.58-1.08- .83	1892 Ill.....	210	2 F.	51-58-55	.81-1.03- .92
1887 N. Y.....	3	4 F.	53-54-54	.38-1.50-1.10					

a Not reported.
b Not including hours of 9 persons not reported.
c Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSOLE MAKERS, CORK.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Pa	7	8	F.	59-59-59	0.83-1.00-0.88	1896 Pa	7	12	F.	55-55-55	0.75-1.00-0.85

INSPECTORS, AGRICULTURAL IMPLEMENTS.

1890 N. Y.	333	2	M.	(a)	2.00-2.00-2.00	1896 Vt	8	2	M.	60-60-60	2.50-2.50-2.50
1891 N. Y	333	2	M.	(a)	2.00-2.00-2.00						

INSPECTORS, AGRICULTURE.

1884 Germany	178	(a)	M.	(a)	b.38-2.74- —	....	....	....	....	.....	.....

INSPECTORS, BLEACHING, DYEING, AND PRINTING.

1880 Mass	7	3	M.	60-60-60	1.10-1.10-1.10	1895 Mass	7	15	M.	60-60-60	1.25-1.90-1.55
1889 R. I	398	2	F.	60-60-60	.90- .92- .91						

INSPECTORS, BOOKBINDERY.

1885 Mass	7	2	F.	55-55-55	1.17-1.50-1.34	1895 Mass	7	4	F.	55-55-55	1.17-1.33-1.21
1890 Mass	8	1	F.	60-60-60	1.50-1.50-1.50	1895 N. Y.	8	1	F.	60-60-60	1.50-1.50-1.50
1892 Ill	210	5	F.	58-58-58	.87-1.50-1.07	1896 N. Y.	8	1	F.	54-54-54	1.00-1.00-1.00

INSPECTORS, BOTTLES.

1885 Ohio	1	1	M.	54-54-54	1.33-1.33-1.33	1890 Ohio	6	1	M.	(a)	2.41-2.41-2.41
1890 N. Y.	6	1	M.	(a)	1.25-1.25-1.25	1891 N. Y.	333	1	M.	(a)	1.25-1.25-1.25

INSPECTORS, BRAID AND EMBROIDERY.

1887 N. Y.	3	1	F.	54-54-54	1.33-1.33-1.33	1895 Mass	7	3	F.	58-58-58	.86- .90- .87
1892 Ill	210	1	F.	52-52-52	1.25-1.25-1.25	1898 Aust-Hun	438	(a)	F.	66-66-66	.35- .35- .35

INSPECTORS, BREWERY.

1888 Germany	558	(a)	(a)	60-66 —	1.02-1.25- —	....	....	....	....	.....	.....

INSPECTORS, BUTTONS.

1857 N. J	8	1	F.	66-66-66	.75- .75- .75	1887 N. Y.	3	1	F.	59-59-59	1.25-1.25-1.25
1862 Mass	8	3	F.	60-60-60	.75- .75- .75	1895 Mass	8	8	F.	60-60-60	1.10-1.10-1.10

a Not reported. *b* And board and lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, CANNED GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Ohio	374	1 M.	60-60-60	1.50-1.50-1.50
1894 N. Y.	8	12 M.	60-60-60	1.00-2.00-1.31
1894 Ohio	375	2 F.	60-60-60	0.75-0.75-0.75
1895 Md.	8	1 M.	90-90-90	4.00-4.00-4.00

INSPECTORS, CARD CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 R. I	3	5 F.	a60-60-60	.67-1.58-1.12

INSPECTORS, CARPETINGS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	1	26 M.	60-66-61	1.37-2.60-1.59
1885 N. Y.	1	26 F.	60-66-60	1.00-1.30-1.13
1890 N. Y.	333	58 M.	(b)	1.25-1.25-1.25
1891 N. Y.	333	57 M.	(b)	1.25-1.25-1.25
1896 Conn.	8	1 M.	60-60-60	1.50-1.50-1.50
1896 Pa	7	1 M.	60-60-60	2.00-2.00-2.00

INSPECTORS, CARRIAGES AND WAGONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Mich.	282	5 M.	60-60-60	1.33-2.50-1.68
1893 Ohio	374	3 M.	48-54-52	1.50-1.75-1.58
1894 N. Y.	8	2 M.	60-60-60	1.67-1.75-1.71
1894 N. C.	8	1 M.	60-60-60	1.25-1.25-1.25
1894 Ohio	375	13 M.	c54-60-59	1.40-1.75-1.54
1895 N. Y.	8	1 M.	60-60-60	1.50-1.50-1.50
1895 N. C.	8	1 M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	1 M.	60-60-60	2.50-2.50-2.50
1896 Mich.	288	7 (b)	60-60-60	1.25-2.00-1.55
1896 Ohio	377	1 M.	60-60-60	2.50-2.50-2.50

INSPECTORS, CELLULOID GOODS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 N. J	7	14 F.	59-59-59	1.00-1.00-1.00
1886 N. J	3	3 F.	59-59-59	.59-1.00- .75
1895 N. J	7	22 F.	55-55-55	1.08-1.08-1.08

INSPECTORS, CLOCKS AND WATCHES.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 England	178	(b) M.	54-60 —	1.22-2.43- —
1884 Switzerl'd.	178	(b) M.	60-60-60	2.01-4.83- —
1887 Mass	3	2 F.	59-59-59	1.50-1.50-1.50
1887 N. Y.	3	1 F.	53-53-53	1.33-1.33-1.33
1896 Mass	8	7 M.	58-58-58	1.98-3.38-2.53
1896 Mass	8	23 F.	58-58-58	1.06-1.31-1.16

INSPECTORS, CLOTHING.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1860 Ireland	563	(b) (b)	60-60-60	.21- .21- .21
1883 Mass	273	1 M.	(b)	2.67-2.67-2.67
1883 N. C.	7	1 M.	60-60-60	1.17-1.17-1.17
1885 Iowa	7	3 M.	53-63-60	1.33-1.67-1.56
1885 N. Y.	7	3 F.	54-54-54	1.17-1.67-1.39
1886 Ill.	7	3 F.	54-54-54	1.67-2.50-2.06
1886 Ill.	208	25 (b)	48-48-48	2.50-2.50-2.50
1886 Md.	3	1 F.	57-57-57	.58- .58- .58
1886 Mo.	3	1 F.	60-60-60	1.50-1.50-1.50
1886 Pa.	3	1 F.	54-54-54	.83- .83- .83
1886 Pa.	7	2 F.	56-56-56	.83- .83- .83
1886 R. I.	3	1 F.	61-61-61	1.00-1.00-1.00
1887 Ill.	3	6 F.	52-56-54	1.08-5.00-2.14
1887 Ky.	3	1 F.	54-54-54	.83- .83- .83
1887 La.	3	3 F.	54-59-57	.29- .58- .46
1887 Mass	3	5 F.	52-53-53	1.00-1.50-1.17
1887 N. Y.	3	8 F.	55-59-56	1.00-3.33-1.58
1887 Ohio	3	1 F.	57-57-57	1.75-1.75-1.75
1888 Ind.	3	2 F.	51-57-54	.50-1.00- .75
1888 Me.	254	1 F.	60-60-60	.98- .98- .98
1888 N. Y.	331	63 M.	d53-60-56	.42-5.00-1.83
1888 N. Y.	331	22 F.	e59-59-59	.83-1.17-1.04
1888 N. Y.	331	1 (b)	52-52-52	1.00-1.00-1.00
1888 Va.	3	1 F.	56-56-56	.83- .83- .83
1890 N. Y.	333	27 M.	(b)	.50-1.20 1.06
1890 N. Y.	333	10 F.	(b)	.83-1.67-1.00
1890 N. Y.	333	6 (b)	(b)	1.08-1.67-1.32
1891 Mich.	283	3 F.	(b)	.71-1.33-1.13
1891 N. Y.	8	1 F.	60-60-60	1.67-1.67-1.67
1891 N. Y.	333	30 M.	(b)	.83-3.67-1.24

a Not including hours of 1 person not reported.
b Not reported.
c Not including hours of 5 persons not reported.
d Not including hours of 40 persons not reported.
e Not including hours of 21 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, CLOTHING—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 N. Y	333	6 F.	(a)	0.50-1.67-1.04	1894 France	129	(a) M.	60-60-60	0.29-1.64- —
1891 N. Y	333	12 (a)	(a)	1.08-1.67-1.31	1894 France	506	(a) M.	66-66-66	1.11-1.11-1.11
1892 Ill	210	9 F.	54-56-55	1.23-2.00-1.62	1895 Conn	7	2 F.	59-59-59	.83- .83- .83
1892 Me	258	5 F.	60-60-60	.50-2.00- .82	1895 Iowa	7	6 F.	54-54-54	.83-1.33- .94
1893 Ill	10	2 M.	54-54-54	2.67-3.00-2.84	1895 Mo	304	11 F.	(a)	.75-2.00-1.18
1893 Ill	10	4 F.	58-60-60	.83-1.00- .96	1895 N. Y	7	3 F.	54-55-54	1.00-1.67-1.33
1893 N. J	327	3 F.	57-57-57	1.17-1.33-1.28	1895 N. Y	8	2 M.	54-54-54	2.00-3.66-2.83
1893 Ohio	374	10 M.	54-57-55	1.92-2.50-2.23	1895 N. Y	8	20 F.	59-60-59	.75-1.50-1.15
1894 Ind	228	2 M.	60-60-60	1.41-1.41-1.41	1895 N. C	7	1 M.	60-60-60	1.17-1.17-1.17
1894 Ind	228	3 F.	57-66-60	.67-1.33- .94	1895 Ohio	376	6 M.	c 54-54-54	1.88-2.50-2.29
1894 Ind	228	1 (a)	57-57-57	1.25-1.25-1.25	1896 Ill	7	2 F.	54-54-54	1.67-2.50-2.09
1894 Iowa	236	1 F.	60-60-60	2.25-2.25-2.25	1896 Iowa	7	1 M.	53-53-53	1.25-1.25-1.25
1894 N. Y	8	4 F.	60-60-60	.83-1.25-1.06	1896 Nebr	314	5 F.	57-57-57	.58-1.16- .87
1894 Ohio	375	5 M.	b 54-54-54	1.84-2.50-2.24	1896 Pa	7	4 F.	56-56-56	.67-1.17- .96

INSPECTORS, COAL MINING.

1840 England	625	(a) M.	(a)	1.01-1.01-1.01	1886 England	602	(a) M.	(a)	.87-1.06- —
1861 England	564	(a) (a)	(a)	.85- .85- .85	1888 Ill	5	2 M.	60-60-60	2.00-2.15-2.08
1866 England	566	(a) M.	72-72-72	.81- .81- .81	1889 Ala	5	1 M.	72-72-72	1.25-1.25-1.25
(d) England	567	(a) M.	72-72-72	.69- .97- —	1889 Ill	5	2 M.	60-60-60	2.75-2.75-2.75
1873 England	185	(a) M.	(a)	e .80-1.77- —	1889 Md	5	2 M.	60-60-60	1.75-2.00-1.88
1874 Pa	380	14 M.	(a)	2.10-2.10-2.10	1889 Pa	5	1 M.	(a)	2.00-2.00-2.00
1877 England	570	(a) M.	48-63 —	1.10-1.24- —	1889 Belgium	5	(a) M.	60-60-60	.82- .82- .82
1880 England	571	(a) M.	54-54-54	1.20-1.20-1.20	1889 Canada	5	(a) M.	54-60 —	1.35-1.75- —
1880 Scotland	571	(a) M.	57-57-57	.81- .81- .81	1889 England	5	(a) M.	48-57 —	.97-1.30- —
1885 W. Va	1	1 M.	60-60-60	2.00-2.00-2.00	1890 England	5	(a) M.	(a)	1.26-1.26-1.26
1886 Belgium	456	(a) (a)	(a)	.68- .68- .68	1890 Germany	5	(a) M.	48-48-48	.75- .75- .75

INSPECTORS, COOPERAGE.

1895 N. J	8	18 M.	60-60-60	1.50-2.50-2.11	1896 Ohio	377	1 M.	54-54-54	1.25-1.25- .25

INSPECTORS, CORSETS.

1874 Conn	185	12 F.	(a)	1.00-1.00-1.00	1888 N. J	326	4 F.	b 60-60-60	.83-1.08- .89
1881 Conn	7	1 F.	60-60-60	1.20-1.20-1.20	1891 Mich	283	16 F.	(a)	.81-1.08- .91
1887 Conn	202	21 F.	(a)	1.85-1.85-1.85	1892 Ill	210	4 F.	54-54-64	1.25-1.50-1.33
1887 Ill	3	1 F.	53-53-53	.92- .92- .92	1893 N. J	327	2 F.	49-49-49	.92-1.83-1.38
1887 Mass	3	1 [illegible]	57-57-57	1.17-1.17-1.17	1895 Conn	7	2 F.	60-60-60	.50-1.09- .90
1887 N. Y	3	4 F.	56-59-58	.83-1.33-1.06					

INSPECTORS, CUTLERY AND EDGE TOOLS.

1885 N. H	7	1 M.	59-59-59	1.33-1.33-1.33	1895 Mass	8	1 M.	60-60-60	2.25-2.25-2.25
1890 N. Y	333	2 M.	(a)	.75-1.50-1.13	1895 N. H	7	3 M.	59-59-59	.83-1.75-1.44
1891 N. Y	333	2 M.	(a)	1.50-1.75-1.63	1895 Pa	8	19 M.	54-60-56	1.75-2.70-2.50
1895 Conn	8	1 F.	60-60-60	2.35-2.35-2.35	1896 Ind	8	8 M.	60-60-60	1.75-2.00-1.88

INSPECTORS, DOORS, SASHES, AND BLINDS.

1890 N. Y	333	14 M.	(a)	2.17-2.17-2.17	1894 N. C	8	4 M.	60-60-60	.75- .75- .75
1891 N. Y	333	16 M.	(a)	1.50-2.25-2.16	1894 Ohio	375	4 M.	60-60-60	1.50-1.80-1.73
1894 N. Y	8	1 M.	60-60-60	2.75-2.75-2.75	1896 Ohio	377	14 M.	60-60-60	1.40-1.40-1.40

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 4 persons not reported.
d Average for 1867–68.
e And house.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, DYE.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1870	R. I	190	1 M.	72-72-72	1.12-1.12-1.12
1871	R. I	190	1 M.	72-72-72	1.12-1.12-1.12
1872	R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1873	R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1874	R. I	190	1 M.	72-72-72	1.07-1.07-1.07
1875	R. I	190	1 M.	72-72-72	1.12-1.12-1.12
1876	R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1877	R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1878	R. I	190	1 M.	72-72-72	1.25-1.25-1.25
1879	R. I	190	1 M.	72-72-72	1.25-1.25-1.25

INSPECTORS, ELECTRIC LIGHT AND POWER.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888	N. Y	331	5 M.	[b]84-84-84	1.75-2.00-1.93
1890	Australia	423	(a) (a)	54-54-54	2.43-2.64- —
1896	Md	14	24 M.	70-77-72	1.73-2.15-1.85
1896	Pa	14	24 M.	70-70-70	2.00-2.28-2.05

INSPECTORS, FIREARMS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1880	England	571	(a) M.	50-50-50	1.62-1.62-1.62
1883	Conn	8	1 M.	60-60-60	2.50-2.50-2.50
1885	Mass	1	25 M.	60-60-60	3.00-3.00-3.00
1885	Belgium	55	(a) M.	(a)	1.00-1.00-1.00
1894	N. Y	8	1 M.	60-60-60	3.50-3.50-3.50
1896	Conn	8	2 M.	60-60-60	2.50-4.00-3.25
1896	N. Y	8	2 M.	60-60-60	2.50-2.50-2.50
1897	N. Y	8	2 M.	60-60-60	3.00-3.50-3.25

INSPECTORS, FOUNDRY AND MACHINE SHOP.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1850	Mass	8	1 M.	66-66-66	2.00-2.00-2.00
1875	Conn	8	1 F.	60-60-60	1.25-1.25-1.25
1876	Pa	382	1 M.	(a)	1.50-1.50-1.50
1882	Pa	7	25 F.	60-60-60	.67-1.00- .82
1884	W. Va	7	3 F.	60-60-60	.50- .50- .50
1884	Germany	178	(a) M.	(a)	2.74-2.74-2.74
1884	Italy	178	(a) M.	(a)	.48- .84- —
1885	Mich	1	3 M.	60-60-60	2.50-3.53-2.84
1885	N. Y	1	1 M.	60-60-60	1.83-1.83-1.83
1886	R. I	3	1 F.	60-60-60	.83- .83- .83
1887	Conn	202	22 M.	(a)	2.53-2.53-2.53
1887	Germany	557	(a) (a)	57-57-57	1.64-1.64-1.64
1888	N. J	326	51 M.	(a)	1.57-1.57-1.57
1888	N. J	326	90 F.	(a)	.83- .83- .83
1888	N. Y	331	4 M.	48-59-54	1.75-2.50-2.13
1890	N. Y	333	6 M.	(a)	2.50-2.50-2.50
1891	N. Y	333	6 M.	(a)	1.50-2.50-2.25
1892	Mass	20	2 M.	60-60-60	2.00-2.50-2.25
1893	Mass	20	2 M.	60-60-60	1.80-2.60-2.20
1893	Ohio	374	10 M.	60-60-60	2.00-2.00-2.00
1894	Mass	20	2 M.	60-60-60	1.80-2.75-2.28
1894	Ohio	375	3 M.	60-60-60	1.50-1.50-1.50
1895	Conn	8	10 F.	60-60-60	.75- .75- .75
1895	Mass	20	4 M.	60-60-60	1.75-2.75-2.38
1895	Ohio	376	1 M.	60-60-60	2.00-2.00-2.00
1895	Ohio	376	23 F.	60-60-60	.70- .70- .70
1895	Pa	8	2 M.	60-60-60	1.42-1.42-1.42
1896	Conn	8	2 M.	60-60-60	1.50-1.50-1.50
1896	Ohio	377	85 M.	[c]57-60-57	1.45-2.25-1.79
1896	Ohio	377	7 F.	(a)	1.25-1.25-1.25
1896	Pa	7	36 F.	60-60-60	.58-1.00- .80
1896	W. Va	7	4 F.	55-55-55	.60- .60- .60
1897	Conn	8	3 M.	60-60-60	.60-2.50-1.23
1897	Mass	8	1 M.	60-60-60	1.40-1.40-1.40
1897	Pa	8	1 M.	50-50-50	1.25-1.25-1.25

INSPECTORS, FRUIT-JAR TRIMMINGS.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	N. J	323	10 M.	60-60-60	.50-1.08-1.03
1885	N. J	324	10 M.	60-60-60	1.08-1.08-1.08

INSPECTORS, FURNITURE.

Year	State or country	Report No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1889	Mich	281	7 M.	60-60-60	1.00-3.00-1.98
1890	N. Y	333	5 M.	(a)	2.50-2.50-2.50
1891	N. Y	333	5 M.	(a)	2.50-2.50-2.50

[a] Not reported.
[b] Not including hours of 4 persons not reported.
[c] Not including hours of 6 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, GAS WORKS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	Aust-Hun.	178	(a)	M.	60-60-60	0.80-0.87- —
1886	England	603	(a)	M.	(a)	.97-1.05- —
1886	Germany	548	(a)	(a)	(a)	.95-1.22- —
1887	England	70	(a)	M.	(a)	.97- .97- .97
1888	Germany	558	(a)	(a)	60-60-60	0.96-1.23- —
1889	Canada	471	(a)	M.	61-61-61	1.91-1.91-1.91
1890	England	180	(a)	M.	54-54-54	1.22-1.22-1.22
1890	Germany	180	(a)	M.	57-57-57	1.82-1.82-1.82

INSPECTORS, GLASS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	England	572	(a)	M.	54-60 —	.57-1.14- —
1890	Ind	6	14	M.	60-60-60	1.40-2.00.1.51

INSPECTORS, GLOVES AND MITTENS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	Ill.	3	1	F.	54-54-54	1.00-1.00-1.00
1888	N. Y.	331	4	(a)	53-53-53	1.50-1.50-1.50
1893	N. J	327	1	F.	55-55-55	.83- .83- .83

INSPECTORS, HATS AND CAPS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1884	N. J	323	1	F.	60-60-60	.75- .75- .75
1885	N. Y.	7	1	M.	60-60-60	2.25-2.25-2.25
1886	Md.	7	4	M.	60-60-60	.67-1.67-1.08
1888	N. Y.	331	1	M.	(a)	1.25-1.25-1.25
1888	N. Y.	331	2	(a)	(a)	1.00-1.00-1.00
1890	N. Y.	333	7	M.	(a)	.83-1.00- .88
1891	N. Y.	333	13	M.	(a)	.83-2.67-1.53
1895	N. Y.	7	5	M.	60-60-60	1.50-2.50-1.70
1895	N. Y.	7	3	F.	60-60-60	1.50-1.50-1.50
1896	Md.	7	10	M.	60-60-60	.83-2.25-1.10

INSPECTORS, HOSIERY AND KNIT GOODS.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1883	Mass	273	3	F.	(a)	1.00-1.25-1.08
1885	Ala	7	2	F.	(a)	.75- .75- .75
1885	Mass	7	3	F.	60-60-60	.43-1.50- .97
1885	N. Y.	1	16	F.	66-66-66	.48-1.00- .67
1885	Pa	3	1	F.	(a)	.40- .40- .40
1886	N. J	325	16	F.	60-60-60	.90- .90- .90
1887	Ga	3	1	F.	65-65-65	.50- .50- .50
1887	Ohio	3	1	F.	60-60-60	.42- .42- .42
1888	Ind	3	1	F.	(a)	.67- .67- .67
1888	N. J	326	23	F.	(a)	.90- .90- .90
1888	N. Y.	331	2	M.	60-60-60	1.50-1.50-1.50
1888	N. Y.	331	9	F.	(a)	1.00-1.50-1.06
1889	R. I	398	1	F.	60-60-60	.92- .92- .92
1890	N. Y.	333	69	M.	(a)	.50-1.75- .92
1891	N. Y.	333	74	M.	(a)	.50-1.75- .91
1895	Mass	7	6	F.	58-58-58	.81-1.49-1.07
1895	N. H	7	7	F.	60-60-60	.90-1.10- .97
1895	N. H	8	2	F.	60-60-60	1.00-1.00-1.00
1895	N. Y.	7	2	F.	60-60-60	1.25-1.25-1.25
1895	N. Y.	8	2	F.	60-60-60	1.00-1.00-1.00
1895	N. C.	8	2	F.	66-66-66	.40- .60- .50
1896	Ala	7	4	F.	63-63-63	.70- .70- .70
1896	Pa	7	5	F.	60-60-60	.67-1.00- .89
1896	Vt	7	6	F.	64-66-65	.83-1.06- .96
1897	N. H	8	4	F.	60-60-60	1.00-1.00-1.00
1897	N. C.	8	3	F.	75-75-75	.60- .60- .60

INSPECTORS, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1872	Pa	185	4	(a)	60-60-60	2.00-2.00-2.00
1874	Pa	185	3	(a)	54-54-54	1.67-2.00-1.89
1874	Pa	380	1	M.	(a)	1.67-1.67-1.67
1876	Pa	381	4	M.	(a)	1.50-3.00-2.25
1881	N. Y.	190	1	M.	60-60-60	3.83-3.83-3.83
1882	N. Y.	190	1	M.	60-60-60	3.83-3.83-3.83
1883	N. Y.	190	1	M.	60-60-60	3.83-3.83-3.83
1883	Scotland	572	(a)	M.	54-54-54	.99- .99- .99
1884	N. Y.	190	1	M.	60-60-60	3.83-3.83-3.83
1884	England	178	(a)	M.	63-63-63	.96-1.40- —
1885	Pa	1	23	M.	48-60-57	1.75-2.40-1.92
1887	Pa	390	5	M.	(a)	1.93-2.86-2.49
1888	England	5	(a)	M.	(a)	.49-1.42- —
1889	Ill.	5	3	M.	60-72-68	1.75-2.00-1.83
1889	N. Y.	5	9	M.	60-72-71	1.25-2.70-2.18
1889	Ohio	5	2	M.	60-60-60	1.75-2.00-1.88
1889	Pa	5	3	M.	60-66-64	1.67-3.00-2.11
1889	Va	5	1	(a)	60-60-60	2.75-2.75-2.75
1889	Belgium	5	(a)	M.	b 62-62-62	.47-1.00- —
1889	England	5	(a)	M.	c 54-66 —	.73-1.42- —
1889	Italy	5	(a)	M.	(a)	.49- .58- —
1893	Ohio	374	1	M.	60-60-60	2.00-2.00-2.00
1895	Ill.	8	1	M.	54-54-54	4.79-4.79-4.79

a Not reported.
b Applies to but 4 of the 6 wage quotations.
c Applies to but 3 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, LACE AND LACE GOODS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1887	Ill	3	1	F.	48-48-48	0.83-0.83-0.83
1887	N. Y	3	2	F.	54-54-54	0.42-0.83-0.63

INSPECTORS, LAUNDRY.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886	N. Y	3	1	F.	62-62-62	1.50-1.50-1.50
1887	Ill	3	1	F.	64-64-64	.83- .83- .83
1887	N. Y	3	1	F.	66-66-66	1.17-1.17-1.17

INSPECTORS, LITHOGRAPHING.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1887	Mass	3	3	F.	53-53-53	.92-1.25-1.11

INSPECTORS, LOCOMOTIVE.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884	Aust-Hun	178	(a)	M.	(a)	.93-1.48- —
1884	England	178	(a)	M.	(a)	.95-1.39- —
1884	Germany	178	(a)	M.	(a)	2.15-3.91- —
1887	Md	4	5	M.	(a)	1.20-1.50-1.44
1887	Mass	4	2	M.	(a)	2.00-2.35-2.18
1887	Mo	4	2	M.	(a)	1.75-1.75-1.75
1887	N. Y	4	2	M.	(a)	2.47-3.29-2.88
1887	Ohio	369	1	M.	70-70-70	3.00-3.00-3.00
1887	Pa	4	3	M.	(a)	1.80-2.63-2.24
1887	Pa	4	22	M.	(a)	b.12- .25-.17½
1887	Wis	4	2	M.	(a)	3.29-4.93-4.11
1888	Australia	432	(a)	M.	(a)	4.00-4.00-4.00
1893	Mich	285	2	M.	70-70-70	1.75-1.75-1.75
1893	Ohio	374	15	M.	56-56-56	1.58-1.58-1.58

INSPECTORS, LOOM HARNESS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886	R. I	7	1	F.	60-60-60	1.00-1.00-1.00
1896	R. I	7	4	F.	60-60-60	.50-1.18- .94

INSPECTORS, LUMBER.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1883	Mich	277	9	M.	(a)	1.75-3.85-2.26
1884	Mich	278	40	M.	(a)	1.75-4.79-2.79
1885	Mich	279	13	M.	66-66-66	1.25-2.00-1.65
1885	Wis	408	1	M.	66-66-66	1.55-1.55-1.55
1885	Canada	467	(a)	M.	60-62 —	1.61-1.72- —
1886	Germany	548	(a)	(a)	(a)	1.19-1.19-1.19
1887	Wis	409	6	M.	(a)	2.23-2.23-2.23
1888	N. Y	331	5	M.	c60-60-60	1.93-2.00-1.94
1890	N. Y	333	1	M.	(a)	2.50-2.50-2.50
1891	N. Y	333	21	M.	(a)	1.50-2.50-1.83
1892	Ind	227	2	M.	60-60-60	1.50-1.50-1.50
1892	Mich	284	2	M.	(a)	2.38-2.38-2.38
1892	N. Y	20	1	M.	(a)	1.75-1.75-1.75
1893	Ill	10	1	M.	60-60-60	2.25-2.25-2.25
1893	Md	10	10	M.	48-60-59	1.33-3.33-2.15
1893	N. Y	20	1	M.	(a)	1.75-1.75-1.75
1893	Ohio	374	10	M.	60-60-60	1.85-1.85-1.85
1894	Ind	228	1	M.	48-48-48	2.00-2.00-2.00
1894	Iowa	236	4	M.	60-60-60	1.25-2.50-1.71
1894	Me	260	2	M.	60-60-60	2.00-3.00-2.50
1894	N. Y	20	1	M.	(a)	1.75-1.75-1.75
1894	W. Va	406	1	M.	60-60-60	2.50-2.50-2.50
1895	N. Y	20	1	M.	(a)	1.75-1.75-1.75
1895	N. C	8	2	M.	60-60-60	.75-1.00- .88
1895	Ohio	376	3	M.	54-60-58	1.33-3.00-1.89
1896	Ga	8	1	M.	66-66-66	2.88-2.88-2.88
1897	Mich	8	1	M.	60-60-60	1.25-1.25-1.25

INSPECTORS, NEEDLES AND PINS.

Year	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1844	England	8	(a)	M.	66-66-66	1.25-1.25-1.25
1850	Mass	8	4	M.	60-60-60	2.00-2.13-2.06
1851	Conn	8	3	M.	60-60-60	1.50-1.50-1.50
1853	Conn	8	2	M.	60-60-60	1.50-1.50-1.50
1865	Canada	8	(a)	F.	60-60-60	1.00-1.00-1.00
1885	Mass	7	1	M.	60-60-60	1.50-1.50-1.50
1885	Mass	7	4	F.	60-60-60	.41-1.25- .87
1886	Mich	7	12	F.	60-60-60	.45- .45- .45
1895	Conn	8	3	M.	60-60-60	2.00-2.00-2.00
1895	Conn	8	6	F.	60-60-60	1.25-1.25-1.25
1895	Mass	7	2	M.	58-58-58	.83-1.93-1.38
1895	Mass	7	6	F.	58-58-58	.73-1.07- .82
1895	Mass	8	2	M.	60-60-60	1.50-1.50-1.50
1895	Mass	8	4	F.	60-60-60	1.00-1.00-1.00
1895	N. H	8	2	F.	60-60-60	1.00-1.00-1.00
1896	Mich	7	20	F.	58-58-58	.45- .45- .45

a Not reported.
b Per hour.
c Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 2. to 32.]

INSPECTORS, PAPER PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Germany..	547	(a)	M.	(a)	1.14-1.14-1.14	1887 Ohio	3	1	F.	59-59-59	0.50-0.50-0.50
1886 Mo.....	3	1	F.	60-60-60	1.00-1.00-1.00	1891 France....	505	(a)	M.	66-66-66	.58- .87- —
1886 Pa	2	2	F.	60-60-60	.54- .66- .60	1896 Conn.....	8	1	F.	60-60-60	1.25-1.25-1.25
1886 Germany..	548	(a)	(a)	(a)	1.14-1.14-1.14	1897 Pa	8	1	F.	60-60-60	.75- .75- .75
1887 N. Y.....	3	3	F.	56-59-57	1.03-1.17-1.09						

INSPECTORS, PETROLEUM PRODUCTS.

1888 N. Y.....	331	2	M.	(a)	1.75-1.75-1.75	1891 N. Y.....	333	1	M.	(a)	4.17-4.17-4.17
1890 N. Y.....	333	1	M.	(a)	4.17-4.17-4.17	1891 N. Y.....	333	5	F.	(a)	1.00-1.67-1.27
1890 N. Y.....	333	3	F.	(a)	1.00-1.67-1.33						

INSPECTORS, PRINTING AND PUBLISHING.

1885 Ill.....	7	4	F.	59-59-59	.75-1.00- .85	1896 Ill.....	7	7	F.	57-57-57	.83-1.17- .98

INSPECTORS, RAILROADS.

1850 Germany..	76	(a)	M.	(a)	1.17-1.96- —	1884 Turk. in A.	178	(a)	(a)	(a)	1.18-1.47- —
1860 Germany..	76	(a)	M.	(a)	1.17-1.96- —	1884 Wales.....	178	(a)	M.	(a)	.87-2.63- —
1870 England ..	177	(a)	M.	(a)	.69- .93 —	1885 Mich.	279	5	M.	(a)	2.47-3.00-2.75
1872 Germany..	76	(a)	M.	(a)	1.47-2.35- —	1886 Germany	76	(a)	M.	(a)	1.47-2.35- —
1874 Canada ...	185	(a)	M.	60-60-60	1.71-1.71-1.71	1887 Conn.....	4	5	M.	(a)	1.35-1.50-1.38
1875 Pa.....	380	35	M.	(a)	2.47-2.47-2.47	1887 Fla	4	2	M.	(a)	1.00-2.00-1.50
1878 Pa.....	383	1	M.	77-77-77	1.40-1.40-1.40	1887 Md	4	10	M.	(a)	1.15-2.79-1.84
1878 Belgium ..	177	(a)	M.	(a)	3.56-4.93- —	1887 Mass	4	196	M.	(a)	1.20-4.11-1.50
1878 England ..	177	(a)	M.	b 72-72-72	.75-1.37- —	1887 Mich.....	4	6	M.	f 70-70-70	1.15-3.62-2.53
1878 Germany..	177	(a)	M.	(a)	1.29-2.62- —	1887 Mo.....	4	39	M.	(a)	1.32-4.93-2.49
1879 Pa.....	384	3	M.	(a)	1.33-1.33-1.33	1887 N. Y	4	135	M.	(a)	1.00-3.29-1.60
1883 England ..	43	(a)	(a)	(a)	.87-1.22- —	1887 Oregon....	4	6	M.	(a)	2.14-4.11-2.91
1883 Wales	43	(a)	(a)	(a)	1.18-2.53- —	1887 Pa.....	4	58	M.	(a)	.82-2.96-1.79
1884 Pa.....	388	8	M.	(a)	1.42-1.42-1.42	1887 Pa.....	4	32	M.	(a)	g .12½-.24- .16
1884 Australia..	178	(a)	(a)	(a)	3.04-4.87- —	1887 R. I.....	4	11	M.	(a)	1.48-2.00-1.82
1884 Aust-Hun .	178	(a)	M.	(a)	.58-1.10- —	1887 Va	4	3	M.	(a)	1.64-1.97-1.86
1884 C.of G'd H.	178	(a)	(a)	(a)	1.84-2.90- —	1887 Wis	4	9	M.	(a)	1.32-2.50-1.95
1884 England ..	178	(a)	M.	c 60-60-60	.85-2.33- —	1888 Australia..	432	(a)	M.	(a)	3.41-4.13- —
1884 Germany..	178	(a)	M.	d 84-84-84	.59-3.36- —	1888 Canada ...	470	(a)	M.	65-65-65	1.86-1.86.1.86
1884 Germany..	178	(a)	M.	84-84-84	e .98-1.96- —	1889 Australia..	432	(a)	M.	(a)	3.12-6.13- —
1884 Italy	178	(a)	M.	(a)	.32-3.70- —	1891 Nicaragua	106	(a)	(a)	(a)	1.68-1.68-1.68
1884 Netherl'ds	178	(a)	M.	(a)	.44-1.32- —	1893 Mich.....	285	3	M.	70-70-70	1.32-1.64-1.53
1884 Scotland ..	178	(a)	M.	60-60-60	1.19-1.19-1.19	1893 N. Y.....	10	1	M.	60-60-60	2.47-2.47-2.47
1884 Spain	178	(a)	M.	(a)	1.51-1.92- —	1893 Switzerl'd.	632	(a)	M.	(a)	h 1.49-2.22- —

INSPECTORS, RUBBER GOODS.

1883 N. J	7	6	M.	60-60-60	1.17-1.17-1.17	1895 N. J	7	12	M.	60-60-60	1.17-1.33-1.24
1887 Mass	3	4	F.	52-55-53	.83-1.33-1.07						

INSPECTORS, SEWING MACHINES.

1888 N. J	326	1	F.	59-59-59	.87- .87- .87	1888 N. Y.....	331	20	M.	59-59-59	2.50-2.50-2.50
1888 N. J	326	2	(a)	58-58-58	2.00-2.00-2.00	1893 N. J	327	20	F.	i 57-57-57	.75-1.10- .91

a Not reported.
b Applies to but 2 of the 9 wage quotations.
c Applies to but 1 of the 19 wage quotations.
d Applies to but 6 of the 18 wage quotations.
e And rent, fuel, and light.
f Not including hours of 5 persons not reported.
g Per hour.
h And house and clothing.
i Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, STREET RAILWAY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1875 Belgium ..	169	(a) M.	(a)	1.11-1.11-1.11	1891 Ireland ...	107	(a) (a)	(a)	1.32-1.62- —
1884 France	178	(a) M.	(a)	1.20-1.20-1.20	1893 N. Y.....	10	1 M.	59-59-59	3.33-3.33-3.33
1885 Germany..	547	(a) M.	(a)	1.09-1.60- —	1894 C. of G'd H.	487	(a) M.	51-72 —	2.24-2.24-2.24
1887 Mo	297	1 M.	72-72-72	2.88-2.88-2.88	1895 Mich	287	8 M.	(a)	1.60-2.00-1.73
1889 Germany..	550	(a) M.	(a)	.96-1.60- —	1899 Mich	291	12 (a)	(a)	1.95-1.95-1.95

INSPECTORS, TELEGRAPH.

1878 Germany..	177	(a) M.	(a)	2.01-2.38- —	1884 Spain	178	(a) M.	(a)	.62- .62- .62
1884 England ..	178	(a) M.	(a)	2.33-3.11- —	1884 Turk. in A.	178	(a) (a)	72-72-72	2.00-3.08- —
1884 Germany..	178	(a) M.	(a)	2.05-2.05-2.05					

INSPECTORS, TELEPHONES.

1884 Mich.....	278	1 M.	(a)	1.65-1.65-1.65	1885 Md.....	7	3 M.	(a)	2.00-2.00-2.00
1884 N. J	323	1 M.	60-60-60	2.08-2.08-2.08	1896 Md.....	7	7 M.	54-54-54	2.00-2.00-2.00
1884 England ..	178	(a) M.	50-50-50	.81-1.22- —					

INSPECTORS, TEXTILES.

1875 Mass	270	2 F.	(a)	.78- .78- .78	1891 Mich	283	1 F.	(a)	.90- .90- .90
1880 Ga	7	1 F.	(a)	.65- .65- .65	1892 Mass	20	1 M.	60-60-60	1.00-1.00-1.00
1882 Mo	7	12 F.	59-59-59	.42- .50- .47	1892 Mass	20	13 F.	60-60-60	.75- .95- .89
1882 England ..	33	(a) (a)	(a)	.49- .49- .49	1892 R. I	20	1 M.	60-60-60	1.75-1.75-1.75
1883 Mass	273	17 M.	(a)	1.35-1.50-1.42	1892 France....	505	(a) M.	72-72-72	.84- .97- —
1884 N. H	7	1 M.	60-60-60	1.25-1.25-1.25	1892 Russia	692	(a) (a)	(a)	.18- .70- —
1884 Tenn.....	7	2 M.	66-66-66	.60-1.10- .85	1893 Mass	20	2 M.	60-60-60	1.00-1.00-1.00
1884 Turk. in A.	178	(a) (a)	77-77-77	.62- .77- —	1893 Mass	20	7 F.	58-58-58	.90- .95- .94
1885 Mass	1	1 M.	60-60-60	1.00-1.00-1.00	1893 N. J	327	4 F.	55-60-59	.83- .83- .83
1885 Mass	7	1 F.	60-60-60	.60- .60- .60	1893 R. I	20	1 M.	60-60-60	1.75-1.75-1.75
1885 Mass	190	1 M.	60-60-60	.99- .99- .99	1894 Mass	20	10 F.	58-58-58	.95-1.00- .96
1885 N. H	7	3 F.	60-60-60	.90-1.20-1.03	1894 N. Y.....	8	2 M.	60-60-60	1.35-4.79-3.07
1885 N. Y.....	1	2 M.	60-60-60	1.58-1.58-1.58	1894 N. C.....	8	1 M.	66-66-66	1.00-1.00-1.00
1885 N. Y.....	1	3 F.	60-60-60	.83- .83- .83	1894 N. C.....	8	1 F.	69-69-69	.40- .40- .40
1885 N. Y.....	7	2 M.	60-60-60	2.00-2.00-2.00	1894 R. I	20	1 M.	60-60-60	1.60-1.60-1.60
1885 N. Y.....	7	7 F	60-60-60	.42-1.21- .77	1894 R. I	401	7 (a)	(a)	1.50-2.00-1.73
1886 Mass	190	1 M.	60-60-60	.99- .99- .99	1895 Conn	7	1 F.	60-60-60	.50- .50- .50
1886 N. J	3	1 F.	58-58-58	1.08-1.08-1.08	1895 Ga	7	2 M.	66-66-66	.90-1.00- .95
1886 Pa	3	2 F.	53-53-53	.80- .80- .80	1895 Ga	7	2 F.	66-66-66	.65- .65- .65
1886 Pa	7	9 M.	b 60-60-60	1.04-2.00-1.28	1895 Ga	8	1 M.	66-66-66	.80- .80- .80
1886 Pa	7	1 F.	60-60-60	1.50-1.50-1.50	1895 Ga	8	7 F.	66-66-66	.80- .90- .83
1886 R. I	3	8 F.	54-61-59	.83-1.50-1.09	1895 Mass	7	1 F.	58-58-58	1.21-1.21-1.21
1887 Conn.....	202	1 M.	(a)	1.75-1.75-1.75	1895 Mass	20	10 F.	58-58-58	.90- .95- .94
1887 Conn.....	202	12 F.	(a)	1.05-1.05-1.05	1895 Mo.....	7	28 F.	59-59-59	.46- .54- .49
1887 Mass	190	1 M.	60-60-60	1.08-1.08-1.08	1895 N. H	7	1 M.	60-60-60	2.50-2.50 2.50
1887 N. Y.....	3	3 F.	57-58-57	1.00-1.08-1.03	1895 N. H	7	2 F.	60-60-60	1.00-1.50-1.25
1887 N. Y.....	7	1 M.	60-60-60	1.15-1.15-1.15	1895 N. J	7	1 F.	55-55-55	1.17-1.17-1.17
1888 Me	254	2 F.	60-60-60	.75- .80- .78	1895 N. Y.....	7	6 F.	60-60-60	.42-1.24- .69
1888 Mass	190	1 M.	60-60-60	1.13-1.13-1.13	1895 N. Y.....	8	1 M.	60-60-60	.58- .58- .58
1888 Italy	6	(a) F.	(a)	.16- .16- .16	1895 N. C.....	8	3 F.	69-69-69	.50- .50- .50
1889 Me	6	1 M.	60-60-60	1.10-1.10-1.10	1895 R. I	20	1 M.	60-60-60	1.75-1.75-1.75
1889 Me	6	1 F.	60-60-60	.80- .80- .80	1895 Tenn	7	2 M.	60-66-63	.75-1.00- .88
1889 Mass	6	2 F.	60-60-60	.90- .90- .90	1896 N. Y.....	7	1 M.	60-60-60	1.42-1.42-1.42
1889 Mass	190	1 M.	60-60-60	1.13-1.13-1.13	1896 N. C.....	7	3 F.	69-69-69	.40- .75- .52
1889 R. I	398	14 F.	60-60-60	1.00-1.50-1.11	1896 Pa	7	3 M.	60-60-60	1.67-2.50-2.17
1889 Germany..	550	(a) M.	(a)	.87- .87- .87	1896 Pa	7	6 F.	60-60-60	.85-1.42-1.10
1890 Mass	190	1 M.	60-60-60	1.13-1.13-1.13	1897 Pa	8	2 F.	60-60-60	.75- .75- .75
1891 Mass	190	2 M.	60-60-60	1.13-1.13-1.13					

a Not reported.

b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INSPECTORS, TINWARE.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 N. J	3	1	F.	59-59-59	0.46-0.46-0.46	1892 Ill	210	10	F.	60-60-60	0.83-1.24-1.01
1886 N. Y	3	1	F.	56-56-56	.58- .58- .58	1893 Md	10	1	M.	60-60-60	2.00-2.00-2.00
1887 Ill	3	1	F.	60-60-60	1.38-1.38-1.38	1895 N. Y	8	3	M.	60-60-60	1.00-2.00-1.33

INSPECTORS, TOBACCO, CIGARS, AND CIGARETTES.

1882 N. C	7	2	M.	60-60-60	.58- .58- .58	1888 N. Y	331	6	M.	57-57-57	2.00-2.00-2.00
1884 N. J	323	47	M.	(a)	1.50-1.50-1.50	1895 N. C	7	2	M.	60-60-60	.75-1.00- .88
1884 N. J	323	16	F.	(a)	1.25-1.25-1.25	1895 N. C	7	5	F.	60-60-60	1.00-1.00-1.00
1887 Cal	3	1	F.	53-53-53	1.33-1.33-1.33						

INSPECTORS, TOOLS.

1860 Mass	8	1	M.	60-60-60	2.50-2.50-2.50	1895 Pa	8	12	M.	54-60-57	2.00-3.50-2.70
1872 Pa	8	1	M.	60-60-60	2.00-2.00-2.00	1896 Mass	8	1	M.	60-60-60	2.25-2.25-2.25
1895 N. Y	8	1	M.	60-60-60	1.50-1.50-1.50						

INSPECTORS, WATCH CASES.

1886 Pa	3	1	F.	59-59-59	.92- .92- .92	1897 N. Y	8	7	M.	60-60-60	2.00-3.00-2.40
1887 Ohio	3	1	F.	59-59-59	1.17-1.17-1.17	1897 N. Y	8	1	F.	60-60-60	1.00-1.00-1.00
1891 N. Y	333	2	M.	(a)	2.50-2.50-2.50						

INSPECTORS, WHIPS.

1886 N. Y	7	1	M.	60-60-60	2.33-2.33-2.33	1896 N. Y	7	1	M.	60-60-60	2.50-2.50-2.50
1895 N. Y	8	2	M.	60-60-60	2.50-2.50-2.50						

INSTRUMENT MAKERS, SCIENTIFIC AND SURGICAL GOODS.

1869 Sweden	609	(a)	(a)	(a)	.55-1.22- —	1888 N. Y	331	114	M.	d57-59-59	2.00-3.00-2.59
1873 Sweden	167	(a)	M.	60-60-60	b1.07-1.34- —	1889 Portugal	691	(a)	(a)	(a)	.49- .97- —
1879 Germany	545	(a)	M.	60-60-60	.95-1.19- —	1890 N. Y	333	8	M.	(a)	1.50-3.33-2.83
1880 Germany	546	(a)	M.	(a)	.56- .95- —	1891 N. Y	333	12	M.	(a)	1.17-3.33-2.89
1881 Germany	178	(a)	M.	(a)	.71- .71- .71	1892 Australia	424	(a)	M.	(a)	2.84-2.84-2.84
1882 N. Y	2	25	M.	60-60-60	2.50-2.50-2.50	1892 England	632	(a)	M.	50-59 —	1.22-1.83- —
1882 Germany	554	(a)	(a)	57-57-57	.48- .95- —	1892 Russia	692	(a)	(a)	(a)	.19- .62- —
1883 Mass	273	6	M.	(a)	2.33-3.00-2.68	1893 Aust-Hun	448	(a)	M.	66-66-66	.47-1.69- —
1884 Mich	278	7	M.	(a)	1.50-3.00-2.14	1893 Aust-Hun	448	(a)	M.	66-66-66	e.10- .34- —
1884 Germany	178	(a)	M.	c57-57-57	.40-1.07- —	1894 England	590	(a)	M.	(a)	1.36-1.36-1.36
1884 Italy	178	(a)	M.	(a)	.48- .77- —	1894 France	129	(a)	M.	(a)	.87-1.10- —
1884 Italy	178	(a)	F.	(a)	.15- .19- —	1897 N. Y	337	27	M.	60-60-60	2.00-3.00-2.21
1885 Germany	71	(a)	M.	57-57-57	.83- .83- .83	1898 N. Y	338	25	M.	60-60-60	1.75-3.00-2.38
1886 Pa	2	10	M.	60-60-60	2.17-2.17-2.17	1898 Denmark	493	(a)	M.	f54-54-54	.67-1.34- —

INSULATORS.

1886 Ill	7	13	M.	56-56-56	.67-2.00-1.41	1895 Ohio	376	20	F.	60-60-60	1.10-1.10-1.10
1886 Ill	7	48	F.	53-53-53	.83-1.17- .96	1896 Ill	7	38	M.	56-56-56	1.25-2.25-1.70
1892 Ill	210	270	F.	54-54-54	.67-1.83- .95	1896 Ill	7	260	F.	53-53-53	.83-1.50- .94

a Not reported.
b And rent.
c Applies to but 4 of the 7 wage quotations.
d Not including hours of 2 persons not reported.
e And board and lodging.
f Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

INTERLOCKERS, RAILROAD.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Mich	285	16 M.	70-88-82	0.99-2.14-1.31

IRONERS, CARRIAGES AND WAGONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Mich	278	8 M.	(a)	2.00-2.50-2.13
1890 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1891 N. Y	333	1 M.	(a)	3.00-3.00-3.00
1894 Mass	11	1 (a)	(a)	2.50-2.50-2.50
1894 N. Y	8	5 M.	60-60-60	1.25-2.00-1.70
1894 N. C	8	1 M.	60-60-60	1.50-1.50-1.50
1894 Ohio	375	1 M.	60-60-60	2.00-2.00-2.00
1895 N. Y	8	10 M.	60-60-60	1.25-2.00-1.62
1895 Ohio	376	30 M.	60-60-60	1.50-1.50-1.50
1896 N. Y	8	2 M.	60-60-60	2.75-2.75-2.75
1896 Ohio	377	24 M.	60-60-60	1.25-1.25-1.25

IRONERS' HELPERS, CARRIAGES AND WAGONS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 N. Y	8	4 M.	60-60-60	1.00-1.25-1.06
1895 N. Y	8	2 M.	60-60-60	1.50-1.50-1.50

IRONERS, LAUNDRY.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1853 France	609	(a) F.	66-66-66	.43- .43- .43
1869 France	609	(a) F.	66-66-66	.48- .58- —
1870 N. Y	7	12 F.	60-60-60	.67-1.00- .82
1871 England	629	(a) F.	(a)	.49- .89- —
1873 Conn	7	6 F.	60-60-60	.81-2.08-1.14
1873 Sweden	167	(a) F.	60-60-60	.42- .54- —
1879 N. J	7	1 F.	(a)	1.50-1.50-1.50
1880 Ga	7	5 F.	65-65-65	.92-1.17-1.00
1880 Pa	7	14 F.	60-60-60	.75-1.50- .97
1882 Ohio	7	16 F.	54-54-54	.83-2.00-1.28
1882 S. C	7	17 F.	(a)	.67- .67- .67
1883 N. J	322	1 M.	60-60-60	1.33-1.33-1.33
1883 N. J	322	9 F.	60-60-60	1.17-2.50-2.35
1883 Pa	7	5 F.	(a)	.83-1.17-1.00
1884 Fla	7	4 F.	(a)	.67- .67- .67
1884 Mich	7	4 F.	60-60-60	.83- .83- .83
1884 Mich	278	1 M.	(a)	1.00-1.00-1.00
1884 N. J	323	17 M.	54-54-54	2.17-2.17-2.17
1884 N. J	323	11 F.	54-54-54	1.17-1.17-1.17
1884 N. Y	2	50 F.	60-60-60	1.50-1.50-1.50
1884 Pa	2	60 F.	60-60-60	1.33-1.33-1.33
1884 W. Va	7	2 F.	(a)	.83- .83- .83
1884 France	178	(a) (a)	60-60-60	b.19- .24- —
1884 Germany	178	(a) F.	(a)	.33- .43- —
1884 Germany	178	(a) F.	(a)	c.14- .27- —
1884 Netherl'ds	178	(a) F.	(a)	b.38- .38- .38
1884 Switzerl'd	178	(a) F.	(a)	c.38- .48- —
1885 Conn	7	4 F.	65-65-65	.50-1.33- .88
1885 Ga	7	2 F.	60-60-60	.75- .75- .75
1885 Md	7	2 F.	60-60-60	.67- .83- .75
1885 Mich	7	24 F.	54-60-56	.83-1.00- .96
1885 N. J	7	10 F.	55-55-55	1.00-1.50-1.17
1885 N. Y	7	19 F.	d60-60-60	.67-2.58-1.32
1885 N. Y	330	25 F.	e48-60-52	1.00-1.75-1.28
1885 S. C	7	1 M.	(a)	.83- .83- .83
1885 S. C	7	3 F.	(a)	.50- .58- .56
1886 Ga	7	5 F.	60-60-60	.75-1.33- .90
1886 Ill	7	31 F.	(a)	.83-1.33-1.04
1886 Iowa	7	19 F.	f53-60-57	.67-1.42- .96
1886 Md	3	12 F.	g54-60-58	.54-1.25- .90
1886 Md	7	6 M.	60-60-60	.96-2.29-1.60
1886 Md	7	14 F.	h60-60-60	.50-1.42- .93
1886 Mich	7	24 F.	i54-60-59	.67-1.33- .95
1886 Mo	3	17 F.	e51-60-56	.50-1.50-1.05
1886 N. J	3	12 F.	j48-61-54	.67-1.58-1.14
1886 N. Y	2	305 F.	54-54-54	1.75-2.37-1.99
1886 N. Y	2	200 (a)	60-60-60	1.75-1.75-1.75
1886 N. Y	3	9 F.	k54-65-61	.83-2.08-1.31
1886 N. Y	7	35 F.	l60-60-60	.67-1.17-1.02
1886 Pa	3	7 F.	g48-55-52	.83-1.92-1.18
1886 Pa	7	14 F.	n50-50-50	1.00-1.33-1.15
1886 R. I	3	7 F.	g53-60-58	1.00-1.50-1.08
1886 Argentina	57	(a) (a)	60-60-60	3.00-8.00- —
1886 Germany	548	(a) F.	(a)	.32- .60- —
1887 Cal	3	7 F.	53-75-70	.83-1.83-1.35
1887 Cal	3	1 F.	72-72-72	b1.04-1.04-1.04
1887 Ill	3	9 F.	46-64-56	.67-2.00-1.22
1887 Ky	3	14 F.	g53-64-59	.50-1.08- .76
1887 La	3	21 F.	o59-60-60	.33-1.00- .60
1887 Mass	3	9 F.	50-62-58	.83-1.67-1.09
1887 Minn	3	1 F.	(a)	1.25-1.25-1.25
1887 N. Y	3	40 F.	p50-67-57	.46-3.00-1.13
1887 N. Y	331	50 M.	(a)	2.00-2.00-2.00
1887 N. Y	331	50 F.	(a)	1.50-1.50-1.50
1887 Ohio	3	29 F.	q50-72-59	.50-1.37- .98
1887 Ohio	369	7 M.	60-60-60	.70-1.25- .78
1887 Ohio	369	111 F.	60-60-60	.50-1.16- .84
1887 Pa	3	7 F.	49-58-54	1.00-1.42-1.14
1887 Wis	409	26 (a)	(a)	1.00-1.00-1.00
1887 Germany	557	(a) F.	45-63 —	.16-1.07- —
1887 Germany	557	(a) (a)	57-57-57	.79- .87- —
1888 Cal	194	8 F.	69-75-72	1.04-2.00-1.42
1888 Ga	3	14 F.	59-60-60	.50-1.33- .82
1888 Ind	3	20 F.	i47-60-56	.75-1.17-1.01
1888 Me	254	1 F.	60-60-60	.83- .83- .83
1888 N. J	326	4 F.	f57-57-57	1.00-1.67-1.50
1888 N. Y	331	152 M.	q50-61-56	.50-2.50-1.22
1888 N. Y	331	273 F.	r58-61-59	.83-1.67-1.41

a Not reported.
b And board.
c And board and lodging.
d Not including hours of 7 persons not reported.
e Not including hours of 6 persons not reported.
f Not including hours of 3 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 4 persons not reported.
i Not including hours of 12 persons not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 2 persons not reported.
l Not including hours of 28 persons not reported.
n Not including hours of 11 persons not reported.
o Not including hours of 16 persons not reported.
p Not including hours of 9 persons not reported.
q Not including hours of 44 persons not reported.
r Not including hours of 122 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

IRONERS, LAUNDRY—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1888 S. C	3	3 F.	60-60-60	0.58-0.75-0.67
1888 Germany	558	(a) F.	48-60 —	.20-1.07- —
1889 Cal	195	34 F.	66-66-66	1.15-1.15-1.15
1889 Germany	550	(a) M.	(a)	.79- .79- .79
1889 Germany	550	(a) F.	(a)	.36- .36- .36
1890 N. Y	333	102 M.	(a)	.83-2.00-1.00
1890 Netherl'ds	666	(a) F.	(a)	.45- .45- .45
1890 Netherl'ds	666	(a) F.	66-66-66	b .54- .60- —
1891 Mich	283	95 F.	(a)	.50-1.17- .89
1891 N. Y	333	137 M.	(a)	1.00-2.00-1.08
1891 France	505	(a) M.	60-60-60	.87-1.30- —
1891 France	522	(a) F.	(a)	.39- .39- .39
1891 Germany	551	(a) F.	(a)	.32-1.07- —
1892 Cal	196	45 F.	63-63-63	c .38-1.15- .78
1892 Ill	210	33 F.	54-59-54	1.00-1.95-1.51
1892 Ill	210	11 F.	63-63-63	b .58- .77- .59
1892 Me	258	5 F.	60-60-60	1.00-1.67-1.53
1892 England	632	(a) F.	(a)	.24- .73- —
1892 France	505	(a) F.	60-60-60	.24- .34- —
1893 Md	10	1 F.	60-60-60	1.00-1.00-1.00
1893 Mont	307	14 F.	54-60-55	1.42-2.00-1.69
1893 N. J	327	51 F.	d 57-57-57	.67-1.83-1.18
1893 N. Y	10	4 F.	54-60-59	1.00-1.33-1.25
1893 Ohio	374	12 M.	48-60-59	.83-2.00-1.18
1893 Ohio	374	55 F.	e 48-63-57	.50-1.00- .78
1893 Ireland	632	(a) F.	(a)	.28- .32- —
1894 D. C	8	3 F.	54-54-54	1.00-1.00-1.00
1894 Ind	228	25 F.	58-58-58	.58-1.33-1.07
1894 N. Y	8	5 F.	60-60-60	.60-1.30- .96
1895 Conn	7	1 M.	60-60-60	2.76-2.76-2.76
1895 Conn	7	13 F.	59-60-59	.58-1.58-1.18
1895 Ga	7	16 F.	58-58-58	.67-1.08- .86
1895 N. J	7	6 F.	54-54-54	.83-1.50-1.17
1895 N. Y	7	29 M.	60-60-60	1.68-4.32-2.36
1895 N. Y	7	40 F.	60-60-60	.50-2.13-1.03
1895 N. C	8	2 M.	60-60-60	1.33-1.33-1.33
1895 N. C	8	7 F.	60-60-60	.50- .50- .50
1895 S. C	7	4 M.	66-66-66	1.00-1.00-1.00
1895 S. C	7	21 F.	60-66-62	.50- .67- .61
1896 Fla	7	6 F.	60-60-60	0.83-1.00-0.90
1896 Ga	7	25 F.	60-60-60	.33-1.33- .70
1896 Ill	7	43 F.	60-60-60	.83-1.17- .95
1896 Iowa	7	2 M.	60-60-60	1.67-1.67-1.67
1896 Iowa	7	34 F.	57-60-59	.67-1.47- .97
1896 Md	7	35 M.	60-60-60	.54-2.50-1.25
1896 Md	7	58 F.	60-60-60	.42-1.67- .88
1896 Mich	7	111 F.	54-60-56	.42-1.50- .90
1896 N. J	7	4 M.	55-55-55	2.17-2.50-2.25
1896 N. J	7	11 F.	55-55-55	.50-1.67-1.07
1896 N. Y	7	47 F.	54-60-59	.67-1.33-1.00
1896 Ohio	7	8 M.	54-54-54	1.94-3.20-2.41
1896 Ohio	7	17 F.	54-54-54	.58-2.23-1.24
1896 Ohio	377	14 F.	48-54-53	.40-1.50-1.34
1896 Pa	7	5 M.	58-58-58	.57-2.74-1.54
1896 Pa	7	131 F.	50-60-56	.50-1.75-1.02
1896 W. Va	7	8 F.	60-60-60	.83-1.00- .94
1896 Algeria	505	(a) F.	(a)	.39- .58- —
1896 Algeria	505	(a) F.	(a)	f .03½-.06- —
1896 Corsica	505	(a) F.	(a)	.24- .24- .24
1896 Corsica	505	(a) F.	(a)	f .03- .03- .03
1896 France	505	(a) F.	(a)	.15- .77- —
1896 France	505	(a) F.	(a)	f .01½-.09½- —
1896 France	505	(a) F.	(a)	c .14- .36- —
1896 France	505	(a) F.	(a)	g .01- .03½- —
1896 Germany	532	(a) F.	(a)	.24- .55- —
1896 Turk. in A	184	(a) F.	(a)	.55- .55- .55
1897 Kans	251	1 F.	55-55-55	.75- .75- .75
1897 Australia	428	(a) F.	(a)	.36-1.62- —
1898 Australia	429	(a) F.	(a)	.36-1.62- —
1898 Belgium	454	(a) F.	(a)	f .02½- .03- —
1898 France	512	(a) F.	66-66-66	.39- .68- —
1899 Ga	18	12 F.	60-60-60	.58-1.08- .73
1899 N. J	18	2 M.	55-55-55	1.50-2.50-2.00
1899 N. J	18	71 F.	55-55-55	.58- .92- .83
1899 Belgium	455	(a) F.	(a)	f .02½-.02½-.02½
1900 Ga	18	12 F.	60-60-60	.58-1.08- .73
1900 N. J	18	2 M.	55-55-55	1.50-2.50-2.00
1900 N. J	18	73 F.	55-55-55	.58- .92- .84

IRONERS, LEATHER.

1860 England	563	(a) M.	(a)	.93- .93- .93
1866 Mass	8	1 M.	60-60-60	1.67-1.67-1.67
1870 Mass	8	1 M.	60-60-60	1.67-1.67-1.67
1886 Md	3	3 F.	36-48-44	.73-1.33-1.02
1887 Wis	409	4 (a)	(a)	1.00-1.00-1.00
1888 N. Y	331	8 M.	59-59-59	1.67-1.75-1.73
1890 N. Y	333	13 M.	(a)	1.25-2.00-1.79
1891 N. Y	333	21 M.	(a)	1.25-2.00-1.79
1895 Mass	8	1 M.	54-54-54	1.00-1.00-1.00
1895 Mass	8	3 F.	54-54-54	.83- .83- .83
1896 Mass	8	4 M.	60-60-60	1.67-1.75-1.71

IRON GRADERS.

1885 Va	1	26 M.	84-84-84	1.00-1.00-1.00
1888 Va	5	1 M.	(a)	1.25-1.25-1.25
1889 Ala	5	3 M.	70-84-79	1.80-1.97-1.91
1889 N. Y	5	1 M.	(a)	1.40-1.40-1.40
1889 Va	5	2 M.	(a)	1.10-1.10-1.10

IRON TRAILERS.

1878 England	43	(a) (a)	(a)	.51-1.09- —	
1883 England	43	(a) (a)	(a)	.51- .85- —	
1884 England	178	(a) M.	55-55-55	.51- .85- —	

a Not reported.
b And board and lodging.
c And board.
d Not including hours of 8 persons not reported.
e Not including hours of 4 persons not reported.
f Per hour.
g Per hour, and board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

IRONWORKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1866	Scotland	566	(a) M.	60-60-60	0.24-0.65- —
1868	France	33	(a) (a)	72-72-72	.87- .87- .87
1870	France	33	(a) M.	72-72-72	.62-1.19- —
1870	Norway	610	(a) M.	(a)	.72- .72- .72
1875	Germany	169	(a) M.	(a)	1.60-1.60-1.60
1876	Pa	381	16 M.	(a)	2.00-2.50-2.20
1877	England	25	(a) (a)	53-53-53	.79- .79- .79
1878	Pa	383	26 M.	b60-66-61	1.25-2.50-2.21
1878	England	25	(a) (a)	(a)	.75- .75- .75
1878	France	33	(a) (a)	72-72-72	.97-1.16- —
1880	Mass	8	1 M.	60-60-60	1.67-1.67-1.67
1882	Italy	33	(a) (a)	66-66-66	.58- .58- .58
1882	Netherl'ds	33	(a) (a)	63-63-63	.80- .80- .80
1882	Russia	33	(a) (a)	83-83-83	.50- .67- —
1882	Scotland	37	(a) M.	54-54-54	.92- .92- .92
1883	England	45	(a) (a)	(a)	1.44-1.44-1.44
1884	Australia	178	(a) (a)	48-48-48	2.03-2.92- —
1884	Br. Hond.	178	(a) (a)	54-54-54	.75-1.60- —
1884	Canada	178	(a) (a)	(a)	.50-3.00- —
1884	Ceylon	178	(a) (a)	58-58-58	.20-1.20- —
1884	England	178	(a) M.	(a)	1.44-1.44-1.44
1884	Germany	178	(a) M.	72-72-72	.65- .65- .65
1884	Netherl'ds	178	(a) M.	66-66-66	.80-1.60- —
1884	Scotland	178	(a) M.	54-54-54	.81- .90- —
1887	Mass	4	5 M.	(a)	2.20-2.25-2.24
1888	N. Y.	331	16 M.	c59-60-59	2.25-2.75-2.56
1888	Australia	421	(a) M.	48-48-48	1.95-2.43- —
1888	Australia	430	(a) (a)	(a)	d.16- .24½- —
1889	N. Y.	5	1 M.	60-60-60	1.91-1.91-1.91
1889	Australia	422	(a) (a)	48-48-48	2.19-2.19-2.19
1890	Mich.	282	17 M.	60-60-60	1.17-2.50-1.93
1890	N. Y.	333	258 M.	(a)	1.00-4.79-1.96
1890	Australia	423	(a) (a)	48-48-48	2.19-2.19-2.19
1891	N. Y.	333	216 M.	(a)	.83-4.79-1.78
1891	France	505	(a) M.	60-60-60	1.16-1.54- —
1892	Mass	20	4 M.	58-58-58	1.77-1.97-1.87
1893	Mass	20	4 M.	58-58-58	1.45-2.18-1.85
1893	Ohio	374	15 M.	48-60-55	1.50-3.00-2.13
1893	N. Zealand	668	(a) M.	48-48-48	2.19-2-19-2.19
1894	Mass	8	1 M.	60-60-60	2.75-2.75-2.75
1894	Mass	20	4 M.	58-58-58	1.45-2.18-1.85
1894	Ohio	375	383 M.	b54-60-59	1.10-3.00-2.20
1895	Mass	8	10 M.	54-60-56	2.50-2.75-2.53
1895	Mass	20	4 M.	58-58-58	1.45-2.18-1.85
1895	Ohio	376	246 M.	c60-60-60	1.40-2.30-2.27
1895	England	591	(a) M.	(a)	1.56-1.80- —
1896	Mich.	288	28 M.	60-60-60	.70-2.50-1.39
1896	Mo.	305	181 M.	60-60-60	1.75-1.75-1.75
1896	Ohio	377	1055 M.	51-72-60	1.11-2.65-2.17
1896	Pa	7	2 M.	57-57-57	1.83-2.75-2.29
1897	Mass	8	1 M.	60-60-60	2.75-2.75-2.75
1897	Australia	418	(a) (a)	(a)	1.70-2.43- —
1897	Australia	418	(a) (a)	(a)	d.24½-.24½-.24⅛
1898	Mich.	290	217 M.	(a)	1.23-2.73-1.57
1898	Nebr.	314	6 (a)	60-84-68	1.75-4.00-2.92
1898	Australia	419	(a) (a)	(a)	1.82-2.43- —
1898	Australia	419	(a) (a)	(a)	d.24½-.24½-.24⅛

IRONWORKERS' HELPERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Germany	178	(a) M.	72-72-72	.30- .30- .30
1884	Scotland	178	(a) M.	54-54-54	.99-1.17- —

JACKET FINISHERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1887	N. Y.	3	12 F.	53-59-56	.42-1.17- .78
1892	Ill	210	16 F.	59-59-59	.14-1.13 .70

JACKET MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1883	Gr't Brit	273	(a) M.	(a)	1.10-1.22- —
1883	Gr't Brit	273	(a) F.	(a)	.57- .81- —
1887	Ill.	3	8 F.	e53-54-54	.29-1.33- .94
1892	C. of G'd H.	486	(a) M.	(a)	1.09-1.95- —
1894	France	508	(a) F.	60-60-60	.42- .58- —
1896	Ill.	12	2 F.	57-72-65	.42- .63- .52
1897	N. Y.	337	1500 M.	(a)	.83-2.50-1.71
1897	N. Y.	337	50 F.	(a)	2.00-2.00-2.00
1898	N. Y.	338	2100 M.	(a)	.50-2.33-1.28
1898	N. Y.	338	275 F.	(a)	.35- .83- .59

JANITORS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1877	Pa	382	1 M.	70-70-70	1.33-1.33-1.33
1878	Pa	383	1 F.	(a)	.39- .39- .39
1879	Pa	384	1 M.	(a)	1.50-1.50-1.50
1879	Pa	384	1 F.	(a)	.16- .16- .16
1880	Ill.	205	1 M.	(a)	1.15-1.15-1.15
1880	Ky	7	1 M.	(a)	1.67-1.67-1.67
1881	R. I	7	1 M.	66-66-66	1.50-1.50-1.50
1883	Miss.	7	1 F.	(a)	.67- .67- .67
1884	Ky	7	1 M.	54-54-54	1.33-1.33-1.33
1884	Pa	388	263 (a)	(a)	.85- .85- .85
1884	Wis	7	1 M.	60-60-60	1.67-1.67-1.67
1884	Aust-Hun	178	(a) (a)	(a)	f.06½-.20- —
1884	Spain	178	(a) M.	(a)	.62- .62- .62
1885	Ill.	7	1 M.	54-54-54	1.50-1.50-1.50
1885	Md.	7	1 F.	(a)	1.43-1.43-1.43
1885	Mass	7	1 M.	58-58-58	1.60-1.60-1.60

a Not reported.
b Not including hours of 6 persons not reported.
c Not including hours of 3 persons not reported.
d Per hour.
e Not including hours of 2 persons not reported.
f And lodging.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JANITORS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Mich	279	9 M.	(a)	1.32-1.97-1.46
1885 Mich	279	2 F.	(a)	.49- .82- .66
1885 N. J	324	1 M.	84-84-84	1.41-1.41-1.41
1885 Pa	389	236 M.	(a)	1.02-1.02-1.02
1886 Pa	7	1 F.	60-60-60	.33- .33- .33
1886 Belgium	456	(a) M.	(a)	.41- .55- —
1887 Conn	4	1 F.	(a)	1.00-1.00-1.00
1887 Del	4	1 M.	(a)	.49- .49- .49
1887 Del	4	1 F.	(a)	.26- .26- .26
1887 Fla	4	1 M.	(a)	1.15-1.15-1.15
1887 Md	4	27 M.	(a)	.13-1.97-1.06
1887 Md	4	1 M.	(a)	b .10- .10- .10
1887 Md	4	31 F.	(a)	.13-1.25- .47
1887 Mass	4	15 M.	(a)	.41-2.00-1.37
1887 Mass	4	2 F.	(a)	.66- .99- .83
1887 Mich	4	10 M.	(a)	.16-1.97-1.24
1887 Mich	4	1 F.	(a)	.33- .33- .33
1887 Mo	4	2 M.	(a)	.16- .99- .58
1887 Mo	4	5 F.	(a)	.10- .82- .41
1887 Nebr	312	13 (a)	70-84-73	.66-1.81-1.30
1887 N. Y	4	9 M.	(a)	.49-2.47-1.48
1887 Oregon	4	2 M.	(a)	.33-2.47-1.40
1887 Oregon	4	3 F.	(a)	1.97-1.97-1.97
1887 Pa	4	39 M.	(a)	.16-1.64-1.12
1887 Pa	4	3 M.	(a)	b .12- .13- .12
1887 Pa	4	37 F.	(a)	.13-1.15- .77
1887 Va	4	12 M.	(a)	.20-1.07- .92
1887 W. Va	4	2 M.	(a)	.41- .46- .44
1887 Wis	4	7 M.	(a)	.33-1.48- .74
1888 N. Y	331	1 M.	59-59-59	1.92-1.92-1.92
1889 Ill	5	1 M.	60-60-60	1.35-1.35-1.35
1889 Kans	243	16 (a)	70-84-73	.65-1.80-1.22
1889 Mo	4	2 M.	(a)	.13-1.64- .89
1889 N. Y	5	4 M.	c72-72-72	.50- .58- .52
1889 Pa	6	2 M.	(a)	.19- .29- .24
1890 Miss	6	3 (a)	(a)	.45- .45- .45
1891 N. Y	333	3 M.	(a)	1.50-2.00-1.72
1892 Ohio	20	2 M.	72-72-72	1.25-2.49-1.87
1892 Ohio	373	1 F.	40-40-40	1.00-1.00-1.00
1893 Ill	10	10 M.	35-84-65	.50-1.71-1.39
1893 Mich	285	2 M.	70-70-70	1.25-1.40-1.33
1893 N. Y	10	2 M.	48-72-60	1.00-2.00-1.50
1893 Ohio	20	2 M.	72-72-72	1.25-2.49-1.87
1893 Ohio	374	1 M.	60-60-60	2.00-2.00-2.00
1894 Ohio	20	1 M.	72-72-72	1.25-1.25-1.25
1894 Ohio	375	3 M.	60-60-60	1.50-2.00-1.67
1895 Ill	8	2 M.	60-60-60	1.50-1.50-1.50
1895 Mass	7	4 M.	58-59-58	1.00-2.00-1.56
1895 Miss	7	2 F.	60-60-60	.50- .80- .65
1895 Ohio	20	1 M.	60-60-60	1.25-1.25-1.25
1895 Ohio	376	4 M.	60-60-60	.75-2.00-1.31
1895 R. I	7	3 M.	59-66-64	1.33-2.50-1.94
1895 Wis	7	1 M.	60-60-60	1.67-1.67 1.67
1896 Fla	15	1 M.	(a)	1.67-1.67-1.67
1896 Ga	15	1 M.	(a)	1.33-1.33-1.33
1896 Ill	7	1 F.	48-48-48	1.00-1.00-1.00
1896 Iowa	7	1 M.	58-58-58	1.58-1.58-1.58
1896 Ky	7	2 M.	54-60-57	1.67-1.75-1.71
1896 Md	7	1 F.	54-54-54	1.43-1.43-1.43
1896 N. Y	7	1 F.	59-59-59	1.33-1.33-1.33
1896 N. Y	336	34 M.	(a)	.33-1.58-1.05
1896 N. Y	336	14 F.	(a)	.26- .66- .38
1896 Ohio	7	1 F.	60-60-60	.83- .83- .83
1896 Ohio	377	4 M.	60-60-60	1.00-2.00-1.25
1896 Pa	7	3 M.	52-54-53	1.25-1.67-1.42
1896 Pa	7	1 F.	60-60-60	.67- .67- .67
1896 Pa	394	1 M.	60-60-60	1.10-1.10-1.10
1896 R. I	7	1 M.	60-60-60	1.50-1.50-1.50
1897 Kans	251	2 M.	68-91-80	.99-1.15-1.07
1898 Pa	18	2 M.	(a)	1.00-1.50-1.25
1898 Pa	18	1 F.	(a)	.38- .38- .38
1899 Pa	18	2 M.	(a)	.61-1.25- .93
1899 Pa	18	2 F.	(a)	.83- .90- .87

JAPANNERS.

1835	England	8	(a)	F.	60-60-60	.58- .58- .58	1885	Canada	467	(a)	M.	61-61-61	1.61-1.61-1.61
1857	Ireland	561	(a)	(a)	(a)	.73- .73- .73	1886	Md	3	6	F.	58-60-59	.42-1.00- .63
(d)	Ireland	562	(a)	M.	(a)	.97-1.22- —	1886	Mo	3	7	F.	54-58-57	.42- .83- .56
(e)	Ireland	562	(a)	M.	(a)	.73- .73- .73	1886	N. Y	3	5	F.	53-60-56	.63-1.50- .94
1871	Mass	8	1	M.	60-60-60	2.00-2.00-2.00	1886	N. Y	7	1	M.	(a)	1.67-1.67-1.67
1872	Conn	185	5	(a)	(a)	.75- .75- .75	1886	Pa	3	4	F.	56-60-59	.42-1.00- .75
1875	Conn	8	2	M.	60-60-60	1.50-1.50-1.50	1886	Ireland	3	(a)	F.	54-54-54	.83-1.17- —
1876	Pa	381	3	M.	(a)	1.50-2.00-1.83	1887	Cal	3	1	F.	56-56-56	.83- .83- .83
1878	Pa	383	1	M.	54-54-54	1.25-1.25-1.25	1887	Conn	202	44	M.	(a)	1.20-1.58-1.39
1882	Ohio	364	2	(a)	60-60-60	2.50-3.00-2.75	1887	Ill	3	3	F.	f 60-60-60	.75-1.00- .92
1883	N. J	322	2	(a)	60-60-60	1.83-2.00-1.92	1887	N. Y	3	8	F.	59-60-59	.67-1.17- .84
1884	Mich	278	15	M.	(a)	1.05-1.05-1.05	1887	Ohio	369	5	M.	60-60-60	1.75-2.25-2.05
1884	N. J	323	1	M.	63-63-63	2.00-2.00-2.00	1887	Pa	3	1	F.	59-59-59	1.00-1.00-1.00
1884	Canada	178	(a)	M.	60-60-60	1.25-2.33- —	1887	Wis	409	8	(a)	(a)	.75- .75- .75
1884	Canada	466	(a)	M.	60-60-60	1.57-1.57-1.57	1888	Cal	194	1	F.	60-60-60	.83- .83- .83
1884	Canada	466	(a)	F.	58-58-58	.52- .52- .52	1888	N. Y	331	41	M.	g 48-60-58	1.00-2.50-2.04
1884	England	178	(a)	M.	56-56-56	1.00-2.00- —	1888	N. Y	331	6	F.	59-59-59	.50-1.00- .67
1885	Ill	1	6	M.	60-60-60	.75-3.00-1.67	1889	Mich	281	2	M.	60-60-60	1.50-1.67-1.59
1885	Ill	3	1	F.	(a)	.83- .83- .83	1890	Mich	282	9	M.	60-60-60	.50-1.50- .64
1885	Ind	1	5	M.	60-60-60	.45-1.13- .86	1890	N. Y	333	63	M.	(a)	.58-3.33-1.60
1885	Md	7	12	M.	(a)	.50-1.50- .89	1891	N. Y	333	116	M.	(a)	.58-3.33-1.57
1885	Md	7	6	F.	(a)	.50-1.50- .96	1891	N. Y	333	7	F.	(a)	.90- .90- .90
1885	Mass	7	1	M.	(a)	2.00-2.00-2.00	1892	Australia	424	(a)	M.	(a)	1.22-1.82- —
1885	Mich	1	7	M.	60-60-60	.50-3.00-1.07	1893	N. J	327	3	F.	55-55-55	.75- .75- .75
1885	N. Y	1	11	M.	60-60-60	1.25-2.33-1.93	1893	Ohio	374	49	M.	h 54-60-60	.75-2.50-1.57

a Not reported.
b Per hour.
c Not including hours of 2 persons not reported.
d Average for 1856–58.
e Average for 1857–58.
f Not including hours of 1 person not reported.
g Not including hours of 7 persons not reported.
h Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JAPANNERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Ohio	374	32 F.	54-54-54	1.10-1.10-1.10	1895 Wis	413	1 (a)	54-54-54	4.17-4.17-4.17
1893 Ohio	374	1 (a)	53-53-53	1.00-1.00-1.00	1895 Australia	426	(a) (a)	(a)	1.82-1.82-1.82
1894 Iowa	236	2 M.	60-60-60	1.80-2.50-2.15	1896 Md	7	40 M.	(a)	.50-1.50- .87
1894 Ohio	375	32 M.	b48-60-59	.80-2.50-1.60	1896 Md	7	20 F.	(a)	.50-1.50- .98
1894 Ohio	375	10 F.	(a)	1.00-1.00-1.00	1896 Mich	288	3 (a)	60-60-60	1.50-3.00-2.50
1894 Australia	425	(a) (a)	(a)	1.82-1.82-1.82	1896 N. J	8	1 M.	60-60-60	1.50-1.50-1.50
1894 C. of G'd H.	487	(a) M.	48-48-48	1.95-1.95-1.95	1896 N. Y	7	1 M.	60-60-60	1.78-1.78-1.78
1895 Conn	8	3 M.	60-60-60	1.50-2.00-1.83	1896 Ohio	377	85 M.	d54-60-59	1.00-2.50-1.52
1895 Mass	7	1 M.	58-58-58	2.25-2.25-2.25	1896 Ohio	377	13 F.	60-60-60	.50- .85- .58
1895 Mass	8	8 M.	60-60-60	2.00-3.00-2.13	1896 Australia	427	(a) (a)	(a)	2.03-2.23- —
1895 N. Y	8	3 M.	60-60-60	1.00-2.00-1.67	1897 Conn	204	1 M.	60-60-60	1.65-1.65-1.65
1895 Ohio	376	73 M.	c54-60-59	1.00-3.00-1.68	1897 Australia	428	(a) (a)	(a)	.93-2.03- —
1895 Ohio	376	6 F.	60-60-60	1.00-1.25-1.08	1898 Australia	429	(a) (a)	(a)	.93-2.03- —

JAPANNERS' HELPERS.

1871 Mass	8	1 M.	60-60-60	1.00-1.00-1.00	1893 Ohio	374	1 M.	54-54-54	.35- .35- .35
1885 Mich	1	1 M.	60-60-60	.50- .50- .50	1895 Mass	8	5 M.	60-60-60	1.00-1.50-1.10
1888 N. Y	331	1 M.	48-48-48	.67- .67- .67	1895 Mass	8	3 F.	60-60-60	1.25-1.25-1.25
1890 N. Y	333	1 M.	(a)	.50- .50- .50	1895 N. Y	8	2 M.	60-60-60	1.50-1.50-1.50
1891 N. Y	333	2 M.	(a)	.75-1.17 .96	1896 Ohio	377	6 M.	60-60-60	1.05-1.05-1.05
1891 N. Y	333	6 F.	(a)	83-1.17-1.00					

JERSEY MAKERS.

1887 Mass	3	2 F.	56-56-56	1.00-1.17-1.09	1896 Vt	7	8 M.	64-64-64	.83-1.75-1.21
1887 N. Y	3	29 F.	b49-59-55	.42-2.00-1.12	1896 Vt	7	8 F.	64-64-64	.50-1.50- .95
1887 Ohio	3	2 F.	53-53-53	.50- .75- .63					

JEWELERS

1846 Belgium	632	(a) (a)	(a)	.49- .49- .49	1875 Mass	270	9 M.	(a)	1.77-2.00-1.85
1853 France	712	(a) M.	(a)	.53- .82- —	1875 Mass	270	4 F.	(a)	.83-1.35- .96
1856 N. J	8	4 M.	60-60-60	3.00-3.00-3.00	1875 France	177	(a) M.	(a)	1.10-2.20- —
1856 N. Y	8	2 M.	72-72-72	1.50-1.50-1.50	1875 Germany	177	(a) M.	72-72-72	e.36- .36- .36
1858 Germany	8	(a) M.	60-60-60	2.00-2.00-2.00	1875 Scotland	177	(a) M.	53-53-53	1.17-1.33- —
1860 R. I	8	1 M.	60-60-60	1.50-1.50-1.50	1876 N. J	8	9 M.	60-60-60	3.00-3.50-3.11
1865 N. J	8	10 M.	60-60-60	3.00-4.00-3.45	1876 Scotland	177	(a) M.	53-53-53	1.17-1.42- —
1865 R. I	8	1 M.	60-60-60	.65- .65- .65	1877 N. J	317	1 M.	59-59-59	2.00-2.00-2.00
1865 R. I	8	7 F.	60-60-60	1.33-1.33-1.33	1877 Scotland	177	(a) M.	53-53-53	1.17-1.42- —
1865 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1878 England	177	(a) M.	(a)	1.41-2.43- —
1866 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1878 France	177	(a) M.	(a)	.60-1.40- —
1867 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1878 France	177	(a) F.	(a)	.45- .60- —
(f) England	567	(a) M.	57-57-57	1.14-1.14-1.14	1878 Germany	177	(a) M.	(a)	e.39- .39- .39
1868 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1878 Scotland	177	(a) M.	53-54 —	1.08-1.42- —
1869 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1879 N. J	318	12 (a)	48-60-58	1.12-2.25-1.59
1870 Germany	177	(a) M.	72-72-72	e.24- .24- .24	1880 N. J	319	28 (a)	50-60-59	1.35-4.00-2.41
1870 Greece	610	(a) (a)	(a)	.86- .86- .86	1881 N. J	320	11 M.	g60-78-63	1.00-3.33-2.46
1871 N. J	8	6 M.	60-60-60	1.25-3.00-1.54	1882 Mo	294	1 M.	60-60-60	2.00-2.00-2.00
1871 France	712	(a) M.	(a)	.69-1.16- —	1883 N. J	322	6 (a)	h60-60-60	2.00-3.00-2.42
1871 Germany	177	(a) M.	72-72-72	e.27- .27- .27	1883 Gr't Brit	273	(a) M.	(a)	.89-1.62- —
1871 Germany	185	(a) M.	(a)	.24- .24- .24	1884 Mich	278	3 M.	(a)	1.00-3.00-2.00
1872 N. J	8	4 M.	60-60-60	5.00-5.00-5.00	1884 Ohio	366	1 M.	59-59-59	2.33-2.33-2.33
1872 Aust-Hun	185	(a) (a)	(a)	.60- .72- —	1884 Aust-Hun	178	(a) M.	60-60-60	.53-1.27- —
1872 Germany	177	(a) M.	72-72-72	e.27- .27- .27	1884 Canada	466	(a) M.	57-58 —	1.33-1.94- —
1873 Germany	177	(a) M.	72-72-72	e.27- .27- .27	1884 Ceylon	178	(a) (a)	53-53-53	.42- .42- .42
1873 Persia	184	(a) (a)	(a)	.80- .80- .80	1884 Denmark	178	(a) M.	60-60-60	.54-1.61- —
1873 Switzerl'd	185	(a) (a)	(a)	.70-3.00- —	1884 England	178	(a) M.	(a)	1.44-2.43- —
1874 Germany	177	(a) M.	72-72-72	e.36- .36- .36	1884 Italy	178	(a) M.	60-60-60	.45-1.54- —
1874 Scotland	177	(a) M.	53-53-53	1.08-1.25- —	1884 Malta	178	(a) M.	54-60 —	.24-1.21- —

a Not reported.
b Not including hours of 2 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 10 persons not reported.
e And board.
f Average for 1867-68.
g Not including hours of 5 persons not reported.
h Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JEWELERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 Russia	178	(a) M.	72-72-72	0.55-2.76- —
1884 Switzerl'd.	178	(a) M.	60-60-60	.87-1.93- —
1885 N. J	7	17 M.	b55-55-55	2.67-5.00-3.17
1885 N. J	7	4 F.	(a)	1.00-1.08-1.05
1885 N. J	324	21 M.	60-60-60	1.33-3.67-2.08
1885 N. Y	7	37 M.	b59-60-60	1.33-3.67-2.27
1885 Australia	175	(a) (a)	(a)	c2.23-3.04- —
1886 Conn	8	1 M.	60-60-60	3.50-3.50-3.50
1886 Iowa	232	4 M.	72-84-75	1.25-3.00-2.25
1886 N. J	3	16 F.	54-60-57	.50-1.33- .82
1886 N. J	325	1 M.	60-60-60	2.33-2.33-2.33
1886 N. Y	7	12 M.	60-60-60	1.50-2.67-1.79
1886 R. I	3	29 F.	d53-61-56	.42-2.00- .98
1886 Australia	184	(a) (a)	(a)	2.23-3.24- —
1887 Conn	202	19 M.	(a)	.77-2.72-2.41
1887 Conn	202	17 F.	(a)	1.75-1.75-1.75
1887 R. I	3	1 F.	53-53-53	.50- .50- .50
1887 Germany	557	(a) (a)	54-54-54	.60-1.26- —
1888 Iowa	233	4 M.	e66-72-68	1.50-2.00-1.86
1888 N. J	326	377 M.	(a)	1.50-4.17-2.58
1888 N. J	326	27 F.	(a)	.67-1.17-1.04
1888 N. Y	331	18 M.	e59-63-59	2.00-2.50-2.08
1888 R. I	397	25 M.	(a)	1.16-3.25-2.30
1888 Canada	470	(a) M.	51-51-51	1.67-1.67-1.67
1888 C. of G'd H.	484	(a) (a)	(a)	1.62-4.66- —
1888 Germany	558	(a) (a)	54-54-54	.87-1.46- —
1889 Australia	422	(a) (a)	48-48-48	1.95-2.43- —
1889 Germany	550	(a) M.	(a)	.91-1.55- —
1889 Italy	521	(a) M.	60-60-60	.63- .97- —
1889 Netherl'ds	516	(a) (a)	(a)	.80-1.01- —
1890 N. Y	333	650 M.	(a)	.75-5.00-2.32
1890 Australia	423	(a) (a)	48-48-48	1.95-2.43- —
1890 C. of G'd H.	484	(a) M.	(a)	3.73-4.20- —
1891 N. Y	333	673 M.	(a)	.67-5.83-2.41
1891 N. Y	333	1 F.	(a)	.43- .43- .43
1891 Belgium	457	(a) M.	66-66-66	.29- .77- —
1891 Belgium	632	(a) (a)	(a)	.77-1.93- —
1891 France	505	(a) M.	54-60 —	.97-2.70- —
1892 Cal	196	12 M.	e57-60-59	.83-4.50-2.51
1892 C. of G'd H.	486	(a) M.	(a)	1.87-4.46- —
1892 Corsica	505	(a) M.	54-54-54	.53- .72- —
1892 France	505	(a) M.	72-72-72	0.19-0.87- —
1893 Ill	10	3 M.	60-60-60	1.00-1.17-1.11
1893 Md	10	2 M.	54-60-57	1.67-2.50-2.09
1893 N. Y	10	2 M.	59-60-60	1.33-2.50-1.92
1893 Ohio	374	79 M.	45-60-52	1.65-4.16-2.39
1893 France	507	(a) M.	60-60-60	.97- .97- .97
1893 Japan	648	(a) M.	(a)	.15- .25- —
1894 Iowa	236	1 M.	84-84-84	2.31-2.31-2.31
1894 Ohio	375	39 M.	48-60-58	1.50-2.75-2.25
1894 Ohio	375	1 F.	60-60-60	1.30-1.30-1.30
1894 C. of G'd H.	487	(a) M.	48-54 —	1.68-4.06- —
1894 Japan	647	(a) (a)	(a)	.14- .26- —
1895 N. J	7	19 M.	55-60-57	1.33-4.33-2.75
1895 N. J	7	5 F.	60-60-60	.83-1.04- .93
1895 N. Y	7	34 M.	59-59-59	1.67-4.17-2.51
1895 N. C	349	1 M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	36 M.	54-60-59	1.80-2.50-2.27
1895 Ohio	376	2 F.	60-60-60	.67- .67- .67
1895 Nicaragua	140	(a) (a)	(a)	.75-1.50- —
1896 N. J	8	16 M.	60-60-60	1.00-3.33-2.78
1896 N. Y	7	59 M.	60-60-60	.83-3.00-1.95
1896 N. Y	8	22 M.	60-60-60	1.50-3.33-2.83
1896 N. Y	8	10 F.	60-60-60	1.25-1.33-1.27
1896 N. Y	336	12 M.	(a)	.83-2.00-1.30
1896 N. C	350	2 M.	60-60-60	.75-3.00-1.88
1896 Ohio	377	55 M.	48-60-57	.83-3.00-2.08
1896 Ohio	377	4 F.	60-60-60	1.25-1.25-1.25
1896 R. I	8	3 M.	60-60-60	2.50-3.00-2.83
1896 Australia	184	(a) (a)	(a)	1.22-3.24- —
1896 C. of G'd H.	184	(a) (a)	(a)	2.20-2.80- —
1896 France	505	(a) M.	60-60-60	.97- .97- .97
1896 Japan	649	(a) M.	(a)	.15- .31- —
1896 Mexico	184	(a) M.	(a)	1.04-2.60- —
1896 Persia	184	(a) (a)	(a)	.50- .50- .50
1897 Australia	428	(a) (a)	(a)	1.22-4.87- —
1897 Japan	650	(a) M.	(a)	.15- .35- —
1898 Nebr	314	17 (a)	54-60-56	1.00-5.00-2.88
1898 N. J	329	154 M.	60-60-60	2.33-4.17-2.82
1898 Australia	429	(a) (a)	(a)	1.22-4.87- —
1899 N. C	353	2 M.	60-60-60	2.00-4.00-3.00

JEWELERS' HELPERS.

1884	Aust-Hun	178	(a)	M.	60-60-60	.60- .67- —	1891	N. Y	333	6	M.	(a)	.50-1.67- .79
1890	N. Y	333	4	M.	(a)	.50- .50- .50							

JIGGERS, COAL MINING.

1877	England	570	(a)	M.	48-48-48	.67- .67- .67	1884	England	178	(a)	M.	54-54-54	.45- .97- —

JIGGERS' HELPERS, POTTERY.

1877	Ohio	359	3	M.	(a)	.67- .67- .67	1887	Ohio	369	68	M.	30-60-53	.66-1.00- .75
1883	England	572	(a)	M.	48-48-48	.24- .24- .24	1887	Ohio	369	14	F.	54-60-55	.75-1.25- .94
1883	England	572	(a)	F.	48-48-48	.32- .32- .32	1894	Ohio	375	128	M.	54-60-55	.86-1.00- .96
1884	Ohio	7	5	M.	54-54-54	1.17-1.17-1.17	1894	Ohio	375	31	F.	54-60-55	.50- .92- .88
1884	England	178	(a)	F.	48-48-48	.33- .33- .33	1896	N. Y	7	3	M.	59-59-59	.92-1.55-1.16
1885	N. J	1	57	M.	58-58-58	1.05-1.05-1.05	1896	Ohio	7	11	M.	54-54-54	1.25-1.25-1.25
1886	N. Y	7	2	M.	59-59-59	.72- .93- .83							

a Not reported.
b Not including hours of 8 persons not reported.
c And board and lodging.
d Not including hours of 2 persons not reported.
e Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JIGGERS, LEAD MINING.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1893	Mo	303	69 M.	(a)	1.25-2.75-1.79

JIGGERS, POTTERY.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1841	England	625	(a) (a)	63-63-63	.08½-.08½-.08½
1877	Ohio	359	1 M.	(a)	2.33-2.33-2.33
1881	England	30	(a) M.	(a)	1.44-3.45- —
1881	England	178	(a) M.	(a)	1.95-1.95-1.95
1883	England	178	(a) M.	b48-48-48	1.70-1.95- —
1883	England	572	(a) M.	48-48-48	1.70-1.70-1.70
1884	N. J	323	1 M.	60-60-60	4.05-4.05-4.05
1884	Ohio	7	5 M.	54-54-54	2.91-3.11-3.03
1884	Pa	7	2 M.	59-59-59	3.33-3.67-3.50
1884	England	178	(a) M.	(a)	1.32-1.70- —
1885	N. J	1	19 M.	58-58-58	3.66-3.66-3.66
1886	N. J	325	10 M.	60-60-60	3.08-5.07-4.27
1886	N. Y	7	5 M.	59-59-59	1.82-3.55-2.56
1886	England	60	(a) (a)	(a)	.60-3.45- —
1887	Ohio	369	85 M.	48-60-55	1.75-4.00-2.79
1891	England	123	(a) (a)	42-54 —	1.30-3.04- —
1894	Ohio	375	200 M.	54-60-54	2.20-2.94-2.53
1894	Ohio	375	9 F.	60-60-60	1.10-1.10-1.10
1896	N. Y	7	6 M.	59-59-59	2.00-3.67-2.64
1896	Ohio	7	11 M.	54-54-54	2.73-3.23-3.02
1896	Pa	7	4 M.	59-59-59	3.33-3.67-3.50

JINRIKISHA MEN.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1875	Japan	169	(a) M.	(a)	.16- .23- —
1880	Japan	21	(a) M.	(a)	.35- .60- —

JOGGLERS, PAPER.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1885	Mass	1	10 M.	72-72-72	1.25-1.50-1.40
1885	Mass	7	3 M.	60-60-60	1.50-1.75-1.67
1886	Mo	3	2 F.	60-60-60	.83-1.00- .92
1895	Mass	7	1 M.	60-60-60	2.00-2.00-2.00

JOINERS, ACCORDION.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884	Germany	178	(a) M.	63-63-63	.56- .72- —
1886	Germany	548	(a) (a)	(a)	.60- .91- —
1887	Germany	75	(a) M.	66-66-66	.56- .72- —

JOINERS, CLOTHING.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1883	N. J	322	27 F.	60-60-60	.67-1.17- .92
1886	Md	3	7 F.	58-60-59	.45-1.08- .74
1886	Mo	3	2 F.	51-56-54	.50- .67- .59
1886	Pa	3	1 F.	54-54-54	1.33-1.33-1.33
1887	Ill	3	1 F.	48-48-48	1.18-1.18-1.18
1887	Ky	3	2 F.	54-54-54	1.00-1.17-1.09
1887	Mass	3	1 F.	53-53-53	1.08-1.08-1.08
1887	N. Y	3	2 F.	47-54-51	.92-1.50-1.21
1887	Pa	3	3 F.	57-58-58	.67- .92- .82
1888	N. Y	331	156 F.	c52-52-52	1.17-1.33-1.33
1893	N. J	327	12 F.	(a)	.78-1.15- .95
1895	N. J	7	1 M.	58-58-58	1.50-1.50-1.50
1895	N. J	7	7 F.	58-58-58	.67-1.17- .97
1897	N. J	328	2 F.	(a)	.50- .84- .67

JOINERS, CORSETS.

Year	Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886	N. J	3	3 F.	50-59-56	.92-1.17-1.03
1886	Pa	3	3 F.	58-59-59	.75-1.08- .89
1887	Ill	3	6 F.	53-57-56	.58-1.33 .84
1887	Ohio	3	1 F.	57-57-57	.83- .83- .83
1888	N. J	326	6 F.	d60-60-60	.45-1.00- .83
1891	Mich	283	53 F.	(a)	.71- .89- .85
1893	N. J	327	57 F.	e 49-49-49	.67-1.33- .89
1897	N. J	328	40 F.	(a)	1.25-1.25-1.25

a Not reported.
b Applies to but 1 of the 2 wage quotations.
c Not including hours of 150 persons not reported.
d Not including hours of 4 persons not reported.
e Not including hours of 12 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JOINERS, FURNITURE AND MILL PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1850 Mass	8	1	M.	60-60-60	2.00-2.00-2.00
1865 Germany	177	(a)	M.	63-63-63	.60- .60- .60
1866 Germany	177	(a)	M.	63-63-63	.68- .68- .68
1867 Germany	177	(a)	M.	63-63-63	.67- .67- .67
1868 Germany	177	(a)	M.	63-63-63	.65- .65- .65
1869 Germany	177	(a)	M.	63-63-63	.67- .67- .67
1870 Pa	16	20	M.	60-60-60	2.50-3.50-2.79
1870 Va	16	7	M.	60-60-60	2.00-2.25-2.18
1870 Germany	177	(a)	M.	63-63-63	.67- .67- .67
1871 Pa	16	27	M.	60-60-60	2.25-3.25-2.61
1871 Va	16	8	M.	60-60-60	2.00-2.50-2.22
1871 Belgium	598	(a)	(a)	(a)	b.04½-.04½-.04½
1871 Germany	177	(a)	M.	63-63-63	.77- .77- .77
1872 Pa	16	25	M.	60-60-60	2.00-3.50-2.68
1872 Va	16	13	M.	60-60-60	2.00-2.75-2.33
1872 Germany	177	(a)	M.	63-63-63	.79- .79- .79
1873 Pa	16	26	M.	60-60-60	2.50-3.50-2.82
1873 Va	16	14	M.	60-60-60	2.00-2.75-2.33
1873 Germany	177	(a)	M.	63-63-63	1.03-1.03-1.03
1874 Mass	8	1	M.	60-60-60	2.50-2.50-2.50
1874 Pa	16	27	M.	60-60-60	2.50-3.50-2.81
1874 Va	16	12	M.	60-60-60	2.00-2.75-2.34
1874 Germany	177	(a)	M.	63-63-63	1.11-1.11-1.11
1875 Pa	16	27	M.	60-60-60	2.30-3.00-2.66
1875 Va	16	9	M.	60-60-60	2.25-2.75-2.45
1875 Germany	177	(a)	M.	63-63-63	1.17-1.17-1.17
1876 Pa	16	25	M.	60-60-60	2.00-3.25-2.53
1876 Va	16	15	M.	60-60-60	2.00-2.75-2.30
1877 Pa	16	23	M.	60-60-60	1.98-2.50-2.15
1877 Va	16	11	M.	60-60-60	2.00-2.50-2.21
1878 Pa	16	20	M.	60-60-60	1.75-2.75-2.21
1878 Va	16	8	M.	60-60-60	2.00-2.50-2.22
1879 Pa	16	19	M.	60-60-60	1.75-2.25-1.97
1879 Va	16	8	M.	60-60-60	2.00-2.50-2.25
1880 Pa	16	26	M.	60-60-60	1.75-2.50-1.97
1880 Va	16	11	M.	60-60-60	2.00-2.50-2.23
1881 Pa	16	23	M.	60-60-60	2.00-2.75-2.37
1881 Va	16	14	M.	60-60-60	2.00-2.65-2.34
1882 Pa	16	23	M.	60-60-60	2.25-2.75-2.47
1882 Va	16	16	M.	60-60-60	2.00-3.00-2.41
1882 Germany	71	(a)	M.	78-78-78	.60- .60- .60
1883 Pa	16	17	M.	60-60-60	2.25-2.75-2.49
1883 Va	16	15	M.	60-60-60	2.00-3.00-2.41
1883 Germany	47	(a)	(a)	78-78-78	.71- .71- .71
1883 Germany	555	(a)	(a)	60-66 —	.71- .99- —
1884 Mich	278	3	M.	(a)	2.00-2.50-2.17
1884 Pa	16	20	M.	60-60-60	2.50-3.25-2.66
1884 Va	16	17	M.	60-60-60	2.00-3.00-2.41
1884 Canada	466	(a)	M.	54-54-54	1.38-1.63- —
1884 Germany	71	(a)	M.	78-78-78	1.07-1.07-1.07
1884 Germany	178	(a)	M.	66-78 —	.48-1.19- —
1884 Germany	556	(a)	(a)	60-60-60	.71- .99- —
1884 Switzerl'd	178	(a)	M.	66-66-66	.09½- .16- —
1885 N. Y	1	12	M.	72-72-72	2.00-2.00-2.00
1885 Pa	16	27	M.	60-60-60	2.25-3.25-2.59
1885 Va	16	16	M.	60-60-60	2.00-3.00-2.42
1885 Canada	467	(a)	M.	62-62-62	1.42-1.42-1.42
1885 Germany	71	(a)	M.	78-78-78	.71- .71- .71
1886 Ill	208	152	M.	60-60-60	1.67-1.67-1.67
1886 Md	7	5	M.	60-60-60	1.50-2.00-1.70
1886 Pa	16	25	M.	60-60-60	2.00-3.25-2.59
1886 Va	16	20	M.	60-60-60	1.50-2.75-2.09
1886 Canada	468	(a)	M.	60-60-60	1.42-1.42-1.42
1886 Germany	548	(a)	(a)	(a)	.48-1.19- —
1887 Pa	16	27	M.	54-60-59	2.25-3.25-2.59
1887 Va	16	24	M.	60-60-60	1.75-2.75-2.20
1887 Wis	409	4	M.	(a)	1.50-1.50-1.50
1887 Belgium	598	(a)	(a)	(a)	b.05- .06½ —
1887 Germany	557	(a)	(a)	57-60 —	0.48-1.19- —
1888 N. Y	331	7	M.	c59-60-60	1.38-4.67-2.59
1888 Pa	16	30	M.	54-60-58	2.25-3.00-2.55
1888 Va	16	25	M.	60-60-60	1.75-2.75-2.24
1888 Germany	558	(a)	(a)	57-60 —	.71-1.23- —
1889 Mich	281	6	M.	60-60-60	.58-1.50-1.24
1889 Pa	16	25	M.	54-60-58	2.25-3.00-2.65
1889 Va	16	20	M.	60-60-60	1.75-2.75-2.31
1889 Australia	100	(a)	M.	48-48-48	2.44-2.92- —
1889 Canada	471	(a)	M.	63-63-63	1.54-1.54-1.54
1889 Portugal	691	(a)	(a)	(a)	.54- .65- —
1890 N. Y	333	123	M.	(a)	.50-3.17-2.05
1890 Pa	16	24	M.	54-60-58	2.00-2.87-2.54
1890 Va	16	26	M.	60-60-60	2.00-2.75-2.32
1890 Netherl'ds	666	(a)	M.	(a)	b.06- .07- —
1891 N. Y	333	156	M.	(a)	.50-3.17-1.97
1891 Pa	16	24	M.	54-60-58	2.50-3.00-2.66
1891 Va	16	26	M.	60-60-60	2.00-2.75-2.37
1891 Belgium	457	(a)	M.	60-60-60	.77- .77- .77
1891 Italy	638	(a)	M.	60-60-60	.39- .97- —
1891 Switzerl'd	595	(a)	M.	(a)	.80- .80- .80
1892 Cal	196	22	M.	e54-62-57	.67-3.50-2.67
1892 Pa	16	22	M.	54-60-59	2.50-2.87-2.66
1892 Va	16	26	M.	60-60-60	2.00-2.75-2.41
1892 Australia	424	(a)	M.	(a)	2.07-2.43- —
1892 Corsica	505	(a)	M.	57-57-57	.77- .77- .77
1892 France	505	(a)	M.	60-66 —	.42-1.11- —
1892 Russia	692	(a)	(a)	(a)	.39- .90- —
1893 Ohio	374	18	M.	57-60-59	1.16-2.00-1.53
1893 Pa	16	22	M.	54-60-58	2.25-2.75-2.43
1893 Va	16	25	M.	60-60-60	2.00-2.75-2.39
1894 Ga	8	1	M.	60-60-60	1.15-1.15-1.15
1894 Ind	228	3	M.	54-60-58	1.75-2.75-2.10
1894 N. Y	8	5	M.	60-60-60	1.33-1.85-1.50
1894 N. C	8	4	M.	60-60-60	.75-1.75-1.38
1894 Ohio	375	21	M.	48-60-55	1.20-2.00-1.68
1894 Pa	16	22	M.	54-60-58	2.50-2.75-2.56
1894 Va	16	20	M.	60-60-60	2.00-2.75-2.43
1894 Australia	425	(a)	(a)	(a)	1.95-2.64- —
1894 Aust-Hun	434	(a)	M.	60-60-60	.65- .88- —
1894 England	590	(a)	M.	(a)	1.38-1.46- —
1895 Mo	304	1	M.	(a)	1.85-1.85-1.85
1895 N. J	8	1	M.	60-60-60	2.50-2.50-2.50
1895 N. Y	8	19	M.	54-60-60	1.35-2.50-1.81
1895 N. C	8	2	M.	60-60-60	1.00-1.00-1.00
1895 Ohio	376	26	M.	54-60-60	1.20-2.00-1.49
1895 Pa	16	19	M.	54-60-59	2.00-2.75-2.50
1895 Va	16	20	M.	60-60-60	2.00-2.75-2.35
1895 Australia	426	(a)	(a)	(a)	1.95-2.64- —
1895 Aust-Hun	435	(a)	M.	57-57-57	.61-1.08- —
1896 Md	7	7	M.	60-60-60	1.50-1.67-1.57
1896 N. Y	8	4	M.	54-60-59	1.75-2.50-1.94
1896 Ohio	377	48	M.	60-60-60	1.25-1.90-1.39
1896 Pa	16	15	M.	54-60-59	2.25-2.75-2.42
1896 Va	16	20	M.	60-60-60	1.75-2.75-2.23
1896 Australia	427	(a)	(a)	(a)	1.95-2.19- —
1896 England	592	(a)	M.	(a)	1.46-1.57- —
1897 Mass	8	7	M.	60-60-60	1.35-1.75-1.56
1897 Pa	16	19	M.	54-60-59	2.00-2.50-2.33
1897 Va	16	18	M.	60-60-60	2.00-2.75-2.33
1897 Australia	428	(a)	(a)	(a)	1.46-2.43- —
1897 England	593	(a)	(a)	(a)	1.31-1.45- —
1898 N. J	329	12	M.	60-60-60	2.00-2.00-2.00
1898 Pa	16	21	M.	54-60-58	2.00-2.75-2.35
1898 Va	16	11	M.	60-60-60	2.00-2.75-2.23
1898 Australia	429	(a)	(a)	(a)	1.46-2.43- —
1898 England	594	(a)	(a)	(a)	1.54-1.59- —

a Not reported.
b Per hour.
c Not including hours of 4 persons not reported.
d Average for 1888–91.
e Not including hours of 2 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JOINERS' HELPERS, FURNITURE AND MILL PRODUCTS.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).	Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Ga	8	1 M.	60-60-60	0.70-0.70-0.70	1897 Mass	8	2 M.	60-60-60	1.25-1.25-1.25

JOINERS, NETS AND SEINES.

1887 Mass	3	2 F.	56-56-56	.81- .85- .83	1891 N. Y.	333	11 M.	(a)	.58-1.17- .81
1890 N. Y.	333	11 M.	(a)	.50-1.17- .74					

JOINTERS' HELPERS, STAVES AND HEADINGS.

1888 Canada	470	(a) M.	59-59-59	.50- .50- .50	1896 Ohio	377	14 M.	60-60-60	.50- .50- .50
1895 N. Y.	8	3 M.	60-60-60	1.00-1.00-1.00					

JOINTERS, SHINGLES.

1883 Mich	277	76 M.	(a)	2.12-3.25-2.70	1888 Canada	470	(a) M.	63-63-63	1.57-1.57-1.57
1884 Mich	278	68 M.	(a)	1.50-2.75-2.20	1890 N. Y.	333	5 M.	(a)	1.00-2.00-1.50
1885 Mich	279	62 M.	66-66-66	1.35-3.25-2.10	1891 N. Y.	333	5 M.	(a)	1.00-2.00-1.50
1888 N. Y.	331	2 M.	60-60-60	.83- .83- .83					

JOINTERS, STAVES AND HEADINGS.

1881 Ohio	363	4 M.	60-60-60	2.00-2.00-2.00	1892 Ind	227	3 M.	60-60-60	1.66-1.66-1.66
1882 Ohio	364	69 M.	54-60-60	1.00-2.25-1.76	1893 Ohio	374	35 M.	b 48-60-59	1.25-2.75-1.96
1884 Mich	278	14 M.	(a)	1.50-3.00-2.36	1894 Ohio	375	41 M.	54-60-60	1.25-2.00-1.63
1885 Ark	1	4 M.	60-60-60	2.25-2.25-2.25	1895 Mo	304	15 M.	(a)	1.10-1.66-1.35
1887 Ohio	369	9 M.	60-60-60	.50-2.00-1.28	1895 N. Y.	8	4 M.	60-60-60	1.75-1.75-1.75
1888 N. Y.	331	3 M.	60-60-60	1.75-1.75-1.75	1895 Ohio	8	5 M.	60-60-60	2.50-2.50-2.50
1888 Canada	470	(a) M.	60-60-60	1.70-1.70-1.70	1895 Ohio	376	18 M.	60-60-60	1.25-2.00-1.38
1891 N. Y.	333	1 M.	(a)	1.50-1.50-1.50	1896 Ohio	377	17 M.	54-60-60	1.25-2.00-1.56

JOINTERS, WATCH CASES.

1886 Ill	208	11 M.	60-60-60	2.67-2.67-2.67	1891 N. Y.	333	114 M.	(a)	1.00-5.00-1.79
1886 Pa	3	2 F.	59-59-59	1.08-1.33-1.21	1897 N. Y.	8	2 M.	60-60-60	1.83-1.83-1.83
1890 N. Y.	333	98 M.	(a)	1.26-3.19-1.66	1897 N. Y.	8	4 F.	60-60-60	1.00-1.50-1.13

JOLLIERS, CLAY AND POTTERY PRODUCTS.

1882 Ohio	364	27 (a)	c 48-60-55	1.50-4.00-2.83	1892 Scotland	632	(a) F.	60-60-60	.49- .61- —
1883 Scotland	572	(a) F.	50-50-50	.20- .49- —	1893 Ohio	374	13 M.	e 48-60-56	2.00-2.25-2.13
1887 Ohio	369	9 M.	48-60-56	1.25-2.00-1.65	1894 Ohio	375	19 M.	51-51-51	.96- .96- .96
1888 N. Y.	331	3 M.	(a)	2.00-2.00-2.00	1896 Pa	8	2 M.	60-60-60	2.25-2.25-2.25
1892 Ohio	373	156 M.	d 41-60-55	1.40-4.24-2.67	1897 Pa	8	2 M.	60-60-60	2.25-2.25-2.25

a Not reported.
b Not including hours of 3 persons not reported.
c Not including hours of 7 persons not reported.
d Not including hours of 10 persons not reported.
e Not including hours of 4 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

JOLLIERS' HELPERS, CLAY AND POTTERY PRODUCTS.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)	Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1892 Ohio	373	97 M.	45-60-53	0.50-1.62-0.81	1892 Scotland	632	(a) F.	60-60-60	0.32-0.36- —
1892 Ohio	373	3 F.	45-60-55	.40-1.25- .68	1896 Pa	8	1 M.	60-60-60	.67- .67- .67
1892 Ohio	373	44 (a)	b53-59-55	1.00-1.25-1.11					

JUNCTION MAKERS, SEWER PIPE.

1882 Ohio	364	12 (a)	60-72-62	1.35-3.00-1.86	1894 Ohio	375	2 M.	60-60-60	1.75-1.75-1.75

KALSOMINERS.

1888 Mich	280	2 M.	60-60-60	2.25-2.50-2.38	1893 N. Y	10	1 M.	60-60-60	2.50-2.50-2.50
1889 Netherl'ds	516	(1) (a)	(a)	c.06½-.07- —	1893 Germany	11	(a) M.	(a)	.71- .71- .71
1891 Wis	411	9 M.	(a)	c.20-.27½-.24½	1894 France	508	(a) M.	60-72 —	.87-1.35- —
1893 Ill	10	1 M.	60-60-60	2.50-2.50-2.50	1897 Kans	251	1 M.	77-77-77	2.42-2.42-2.42

KEEPERS-UP, IRON AND STEEL.

1889 Belgium	5	(a) M.	(a)	.43- .85- —							

KEIR TENDERS, BLEACHING, DYEING, AND PRINTING.

1880 Mass	7	6 M.	60-60-60	1.10-1.10-1.10	1895 Mass	7	4 M.	60-60-60	1.25-1.42-1.29
1885 Conn	7	5 M.	60-60-60	1.00-1.60-1.26	1896 Conn	7	2 M.	60-60-60	1.50-1.50-1.50
1886 R. I	7	1 M.	60-60-60	1.25-1.25-1.25	1896 R. I	7	2 M.	60-60-60	1.17-2.17-1.67
1888 N. Y	331	12 M.	(a)	1.25-1.25-1.25					

KETTLEMEN, BREWERY.

1878 Ohio	360	3 M.	(a)	2.88-2.88-2.88	1889 Germany	550	(a) M.	(a)	e1.05-1.05-1.05
1882 Ohio	364	38 M.	d60-112-77	1.50-3.33-2.37	1890 N. Y	333	10 M.	(a)	2.00-3.00-2.80
1883 Mass	273	12 M.	(a)	1.88-3.00-2.35	1891 N. Y	333	15 M.	(a)	2.00-3.33-2.92
1885 Germany	547	(a) M.	(a)	1.19-1.43- —	1893 Ohio	374	9 M.	60-66-61	1.55-3.00-2.25
1886 Germany	548	(a) (a)	(a)	e1.47-1.47-1.47	1894 Ohio	375	25 M.	f54-72-60	1.50-3.00-2.33
1887 Germany	557	(a) (a)	(a)	1.12-1.45- —	1895 Ohio	376	24 M.	h60-72-61	1.50-2.83-2.30
1887 Germany	557	(a) (a)	(a)	e.97-1.24- —	1896 Nebr	314	2 (a)	(a)	1.50-1.66-1.58
1888 N. Y	331	33 M.	f60-60-60	1.75-3.33-2.65	1896 Ohio	377	23 M.	58-60-59	2.00-2.66-2.32
1888 Germany	558	(a) (a)	60-66 —	1.06-1.06-1.06	1899 Pa	18	10 M.	60-60-60	2.50-3.00-2.65
1888 Germany	558	(a) (a)	g72-78 —	e.97-1.49- —	1900 Pa	18	10 M.	60-60-60	2.50-3.00-2.65

KEY MAKERS.

1840 England	564	(a) (a)	64-72 —	.49-1.22- —	1888 N. Y	331	2 M.	48-48-48	2.50-2.50-2.50
1850 England	564	(a) (a)	64-72 —	.49- .97- —	1891 N. Y	333	4 M.	(a)	2.50-2.50-2.50
1860 England	564	(a) (a)	64-72 —	.49- .81- —	1893 Ill	10	2 M.	60-60-60	1.50-2.00-1.75
1872 Mass	268	12 F.	(a)	1.67-1.67-1.67	1895 Ohio	376	1 M.	60-60-60	2.50-2.50-2.50

a Not reported.
b Not including hours of 3 persons not reported.
c Per hour.
d Not including hours of 2 persons not reported.
e And lodging.
f Not including hours of 1 person not reported.
g Applies to but 1 of the 3 wage quotations.
h Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KILNMEN, CHEMICALS.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 England ..	178	(a)	M.	56-56-56	1.17-1.78- —
1886 England ..	67	(a)	(a)	(a)	1.22-1.22-1.22
1892 France....	505	(a)	M.	70-74 —	0.68-1.06- —

KILNMEN, CLAY AND POTTERY PRODUCTS.

1830 Ohio	8	4	M.	72-72-72	.75- .75- .75	1887 Germany..	557	(a)	(a)	54-66 —	.60- .91- —
1832 Ohio	8	4	M.	60-72-66	.60- .60- .60	1888 N. J	326	1	(a)	60-60-60	2.00-2.00-2.00
1840 Ohio	8	4	M.	72-84-78	.60- .60- .60	1888 N. Y.....	331	19	M.	*i* 58-60-60	1.60-3.17-2.02
1840 England ..	564	(a)	(a)	(a)	1.01-1.01-1.01	1888 Germany .	558	(a)	(a)	66-66-66	.60- .71- —
1841 England ..	625	(a)	M.	(a)	.20- .20- .20	1889 France....	84	(a)	M.	(a)	.39- .68- —
1845 Ohio	8	4	M.	72-72-72	.60- .60- .60	1890 N. Y.....	333	85	M.	(a)	1.60-2.20-1.86
1850 England ..	564	(a)	(a)	(a)	1.01-1.01-1.01	1890 Ohio	371	30	(a)	(a)	2.00-2.00-2.00
(*b*) England ..	561	(a)	M.	(a)	.85-1.46- —	1890 Spain	632	(a)	(a)	(a)	.97-1.45- —
1860 England ..	564	(a)	(a)	(a)	1.01-1.01-1.01	1891 N. Y.....	333	73	M.	(a)	1.50-2.20-1.63
1863 Scotland ..	565	(a)	(a)	(a)	.65-1.62- —	1891 Italy	638	(a)	M.	(a)	.27- .37- —
1865 Mass	8	1	M.	60-60-60	2.50-2.50-2.50	1892 Ind	227	8	M.	60-60-60	1.50-1.50-1.50
1866 England ..	566	(a)	M.	*c* 60-60-60	.97-1.22- —	1892 Mass	8	4	M.	60-60-60	1.25-1.60-1.43
(*d*) England ..	567	(a)	M.	59-59-59	.93- .93- .93	1892 Ohio	373	182	M.	41-60-54	1.25-3.00-2.19
1870 Mass	8	2	M.	60-60-60	2.20-2.20-2.20	1892 Scotland ..	632	(a)	M.	60-60-60	1.22-1.34- —
1871 England ..	568	(a)	M.	63-63-63	.97- .97- .97	1892 Scotland ..	632	(a)	F.	60-60-60	.36- .45- —
1872 Pa	8	2	M.	72-72-72	1.50-1.50-1.50	1893 Mass	8	8	M.	60-60-60	1.25-2.50-1.71
1872 England ..	185	(a)	M.	60-60-60	.97- .97- .97	1893 Ohio	374	30	M.	60-72-61	1.25-2.00-1.48
1874 England ..	569	(a)	M.	*e* 60-60-60	1.46-1.82- —	1894 Mass	8	17	M.	60-72-62	1.50-5.00-2.35
1877 Ohio	359	19	M.	(a)	2.00-2.17-2.12	1894 Ohio	375	791	M.	42-60-55	1.25-2.03-1.58
1877 England ..	570	(a)	M.	*f* 70-70-70	.53-1.26- —	1894 Aust-Hun.	434	(a)	M.	66-66-66	*j*.59- .79- —
1880 Mass	8	2	M.	60-60-60	2.50-2.50-2.50	1895 Mass	8	19	M.	60-72-68	1.73-5.50-3.49
1880 England ..	571	(a)	M.	(a)	1.42-1.42-1.42	1895 N. J	7	18	M.	55-60-55	2.00-2.50-2.16
1880 Germany..	546	(a)	M.	(a)	.48- .83- —	1895 Ohio	376	8	M.	60-60-60	1.50-1.50-1.50
1880 Japan	21	(a)	(a)	(a)	.40- .60- —	1895 Aust-Hun.	435	(a)	M.	90-96 —	.28- .64- —
1881 N. J	320	1	M.	(a)	1.50-1.50-1.50	1895 Aust-Hun.	435	(a)	M.	(a)	*j*.95-1.02- —
1882 N. J	321	10	M.	(a)	2.00-2.00-2.00	1896 Mo.....	305	77	M.	60-72-63	1.50-3.81-1.80
1883 Scotland ..	572	(a)	M.	50-50-50	.32- .89- —	1896 Ohio	7	33	M.	54-54-54	1.50-2.23-1.80
1884 Mich	278	2	M.	(a)	1.40-1.40-1.40	1896 Ohio	8	2	M.	60-60-60	2.25-2.25-2.25
1884 N. J	7	7	M.	(a)	2.06-2.33-2.20	1896 Pa	7	7	M.	59-59-59	1.67-2.00-1.83
1884 N. J	323	164	M.	*g* 54-60-58	1.93-2.25-2.00	1896 Pa	8	16	M.	60-72-71	1.20-3.00-1.59
1884 Ohio	7	23	M.	54-54-54	1.25-2.10-1.64	1896 Aust-Hun.	436	(a)	(a)	54-80 —	.28- .74- —
1884 Pa	7	4	M.	59-59-59	1.67-1.75-1.71	1896 England ..	586	(a)	M.	(a)	1.09-1.14- —
1884 England ..	178	(a)	M.	84-84-84	1.13-1.13-1.13	1897 Mass	8	2	M.	60-60-60	2.50-3.00-2.75
1884 Germany..	556	(a)	(a)	60-60-60	.71- .87- —	1897 Pa	8	1	M.	60-60-60	3.00-3.00-3.00
1885 N. J	1	22	M.	58-58-58	2.00-2.00-2.00	1897 Va	404	17	M.	54-72-61	1.00-1.25-1.12
1885 N. J	7	11	M.	55-55-55	2.08-2.54-2.25	1897 Aust-Hun.	437	(a)	F.	60-60-60	.27- .27- .27
1885 N. J	324	1	M.	60-60-60	3.00-3.00-3.00	1897 Aust-Hun.	437	(a)	(a)	60-96 —	.44- .68- —
1886 N. J	325	229	M.	*h* 60-60-60	1.33-3.00-2.00	1897 Aust-Hun.	437	(a)	(a)	66-66-66	*j*.68-1.22- —
1886 England ..	602	(a)	M.	(a)	.81- .81- .81	1898 Aust-Hun.	438	(a)	(a)	60-60-60	.75- .81- —
1886 England ..	604	(a)	M.	(a)	.75-1.22- —	1898 Aust-Hun.	438	(a)	(a)	66-66-66	*j*.91-1.22- —
1886 Scotland ..	604	(a)	M.	(a)	.84-1.11- —	1898 France....	512	(a)	M.	42-42-42	.41- .48- —
1887 Ohio	369	211	M.	42-60-50	1.25-3.00-1.94	1898 Germany .	151	(a)	(a)	(a)	.24- .79- —

KILNMEN, GLASS.

1871 England ..	629	(a)	M.	50-50-50	1.42-1.42-1.42	1884 Scotland ..	178	(a)	M.	40-40-40	1.46-1.46-1.46
1883 England ..	572	(a)	M.	54-72 —	.36-1.05- —	1897 Ohio	377	1	M.	60-60-60	1.50-1.50-1.50

a Not reported.
b Average for 1855–57.
c Applies to but 1 of the 2 wage quotations.
d Average for 1867–68.
e Applies to but 1 of the 3 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Not including hours of 161 persons not reported.
h Not including hours of 209 persons not reported.
i Not including hours of 2 persons not reported.
j And lodging and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KILNMEN, LUMBER.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Md	7	1 M.	60-60-60	1.00-1.00-1.00
1885 Pa	7	2 M.	a60-60-60	1.60-2.00-1.80
1889 Mich	281	2 M.	60-60-60	1.00-1.75-1.38
1894 N. Y	8	11 M.	60-60-60	.85-1.50-1.25
1894 N. C	8	4 M.	60-60-60	.60- .70- .65
1894 Ohio	375	2 M.	54-54-54	1.80-1.80-1.80
1895 Md	7	1 M.	60-60-60	1.08-1.08-1.08
1895 N. J	8	1 M.	60-60-60	2.00-2.00-2.00
1895 N. Y	8	15 M.	60-60-60	.75-1.50-1.38
1895 Ohio	376	7 M.	54-66-63	1.60-1.80-1.66
1895 Pa	7	1 M.	60-60-60	1.35-1.35-1.35
1896 Ga	8	1 M.	66-66-66	1.75-1.75-1.75
1896 Mo	305	8 M.	60-60-60	1.60-2.50-2.19
1896 Ohio	377	7 M.	54-60-58	1.70-1.80-1.73
1896 Pa	7	1 M.	60-60-60	1.50-1.50-1.50
1897 N. Y	8	2 M.	60-60-60	1.25-1.50-1.38
1897 Va	404	2 M.	72-72-72	1.10-1.10-1.10

KILNMEN'S HELPERS, CLAY AND POTTERY PRODUCTS.

1888	N. Y	331	3	M.	59-59-59	1.25-1.25-1.25	1895	Mass	8	2	M.	72-72-72	1.80-1.80-1.80
1892	Ohio	373	2	(b)	59-59-59	1.75-1.75-1.75	1898	N. J	329	2	M.	60-60-60	1.50-1.50-1.50
1894	Ohio	375	5	M.	42-60-50	1.21-1.39-1.29							

KILNMEN'S HELPERS, LUMBER.

1885	Md	7	1	M.	60-60-60	.42- .42- .42	1895	N. Y	8	3	M.	60-60-60	1.00-1.00-1.00
1894	N. Y	8	5	M.	60-60-60	.85-1.25-1.07	1896	Ga	8	8	M.	66-66-66	.90- .90- .90
1895	Md	7	2	M.	60-60-60	.42- .42- .42							

KILN SETTERS, CLAY AND POTTERY PRODUCTS.

(c)	England	561	(b)	(b)	(b)	.73-1.10- —	1886	N. Y	7	5	M.	53-53-53	2.00-2.00-2.00
1860	Mass	8	2	M.	72-72-72	1.15-1.15-1.15	1887	Ohio	369	16	M.	60-60-60	1.25-1.50-1.47
1860	Ohio	8	1	M.	60-60-60	.80- .80- .80	1887	Wis	409	15	M.	(b)	.38-1.65-1.31
(d)	England	563	(b)	(b)	(b)	.73-1.10- —	1888	Mich	280	1	M.	60-60-60	1.75-1.75-1.75
1866	England	566	(b)	M.	50-63 —	.73-1.83- —	1888	N. Y	331	79	M.	h60-72-63	1.50-2.50-2.02
(e)	England	567	(b)	M.	59-66 —	.41-1.01- —	1889	Portugal	691	(b)	(b)	(b)	.43- .81- —
(e)	England	567	(b)	F.	59-59-59	.32- .32- .32	1890	N. Y	333	138	M.	(b)	1.28-2.80-2.09
1871	England	568	(b)	M.	60-60-60	.97- .97- .97	1890	Australia	423	(b)	(b)	48-48-48	.30- .30- .30
1872	Pa	8	1	M.	54-54-54	1.75-1.75-1.75	1890	Netherl'ds	666	(b)	M.	(b)	i.04- .04½ —
1872	England	185	(b)	M.	60-66 —	.73-1.01- —	1891	Me	257	1	M.	78-78-78	2.00-2.00-2.00
1874	Pa	380	1	M.	(b)	1.75-1.75-1.75	1891	N. Y	333	128	M.	(b)	1.50-3.07-2.17
1874	England	569	(b)	M.	f48-51 —	1.12-1.22- —	1891	France	505	(b)	M.	60-60-60	1.25-1.45- —
1876	Pa	381	2	M.	(b)	1.27-1.48-1.38	1892	Cal	196	1	M.	62-62-62	2.50-2.50-2.50
1877	Ohio	359	1	M.	(b)	1.83-1.83-1.83	1892	Mass	8	2	M.	60-60-60	1.75-1.75-1.75
1877	Pa	382	3	M.	60-60-60	1.00-1.40-1.27	1892	Ohio	373	68	(b)	42-70-56	1.25-4.00-1.99
1877	England	570	(b)	M.	f42-46 —	1.05-1.22- —	1892	Algeria	505	(b)	M.	57-57-57	.87- .87- .87
1880	England	571	(b)	M.	(b)	1.22-1.42- —	1892	Australia	424	(b)	M.	(b)	1.22-2.43- —
1881	Ohio	363	16	M.	48-60-59	1.40-2.50-1.81	1892	England	111	(b)	(b)	(b)	1.01-1.22- —
1882	Mo	294	5	M.	60-72-62	1.50-2.85-2.45	1892	France	505	(b)	M	54-72 —	.39-1.74- —
1882	Ohio	364	35	(b)	60-60-60	1.40-2.31-1.60	1892	France	505	(b)	F.	60-60-60	.32- .48- —
1883	Mass	273	18	M.	(b)	1.42-2.08-1.71	1893	Mass	8	1	M.	60-60-60	1.75-1.75-1.75
1883	England	572	(b)	M.	54-54-54	.81-1.22- —	1893	Ohio	374	123	M.	36-66-58	1.00-3.50-1.89
1884	Iowa	231	2	M.	84-84-84	2.50-2.50-2.50	1894	Ind	228	3	F.	45-45-45	.55- .60- .56
1884	Mich	278	6	M.	(b)	2.00-2.00-2.00	1894	Ind	228	2	(b)	48-48-48	1.50-1.50-1.50
1884	N. J	323	40	M.	g60-60-60	1.67-2.00-1.90	1894	Mass	8	3	M.	60-72-68	1.34-2.00-1.56
1884	Ohio	366	1	M.	60-60-60	1.50-1.50-1.50	1894	Ohio	375	391	M.	54-60-58	1.49-2.78-1.62
1884	Germany	178	(b)	M.	(b)	.29- .29- .29	1894	Ohio	375	4	F.	60-60-60	1.50-1.50-1.50
1885	Colo	2	14	M.	45-45-45	2.50-2.50-2.50	1894	W. Va	406	1	M.	60-60-60	1.87-1.87-1.87
1885	Del	1	9	M.	60-60-60	1.76-1.76-1.76	1894	Australia	425	(b)	(b)	(b)	1.62-1.95- —
1885	N. H	1	6	M.	60-60-60	1.42-1.42-1.42	1894	Aust-Hun.	434	(b)	M.	j66-66-66	.64- .95- —
1885	N. J	1	5	M.	60-60-60	1.50-3.00-2.40	1894	Aust-Hun.	434	(b)	M.	66-66-66	k.71-1.07- —
1885	N. J	7	6	M.	55-55-55	1.17-2.17-1.75	1895	Mass	8	19	M.	54-72-59	1.53-2.57-1.79
1885	Germany	274	(b)	M.	(b)	.42- .42- .42	1895	Mo	304	3	M.	(b)	2.25-2.75-2.42

a Not including hours of 1 person not reported.
b Not reported.
c Average for 1855–57.
d Average for 1858–60.
e Average for 1867–68.
f Applies to but 2 of the 4 wage quotations.
g Not including hours of 15 persons not reported.
h Not including hours of 19 persons not reported.
i Per hour.
j Applies to but 1 of the 3 wage quotations.
k And lodging and fuel.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KILN SETTERS, CLAY AND POTTERY PRODUCTS—Concluded.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1895	N. J	7	14	M.	55-55-55	1.00-2.00-1.75
1895	Ohio	376	9	M.	54-60-59	1.60-2.55-1.90
1895	Australia	426	(a)	(a)	(a)	1.62-1.95- —
1895	Aust-Hun.	435	(a)	M.	(a)	b .88-1.08- —
1896	N. Y.	7	8	M.	53-53-53	2.04-2.29-2.13
1896	Ohio	8	2	M.	60-60-60	2.00-2.00-2.00
1896	Ohio	377	6	M.	48-54-50	1.93-2.90-2.25
1896	Pa	8	4	M.	54-60-56	1.50-1.75-1.69
1896	Australia	427	(a)	(a)	(a)	1.62-1.95- —
1896	Aust-Hun.	436	(a)	M.	60-60-60	.54- .54- .54
1896	Aust-Hun.	436	(a)	F.	60-60-60	0.27-0.27-0.27
1896	Aust-Hun.	436	(a)	(a)	90-90-90	.37- .41- —
1897	Va	404	16	M.	54-60-56	1.00-2.00-1.33
1897	Australia	428	(a)	(a)	(a)	1.46-1.95- —
1897	Aust-Hun.	437	(a)	(a)	66-66-66	b .95-1.08- —
1897	England	593	(a)	(a)	(a)	1.19-1.23- —
1898	N. J	329	6	M.	60-60-60	1.50-1.50-1.50
1898	Australia	429	(a)	(a)	(a)	1.42-2.23- —
1898	Aust-Hun.	438	(a)	(a)	60-60-60	.73- .79- —
1898	Aust-Hun.	438	(a)	(a)	66-66-66	b 1.15-1.15-1.15

KILN SETTERS' HELPERS, CLAY AND POTTERY PRODUCTS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1886	N. Y.	7	2	M.	53-53-53	1.50-1.50-1.50
1888	N. Y.	331	7	M.	60-60-60	1.50-1.88-1.66
1892	Ohio	373	41	M.	48-60-58	.50-2.80-1.52
1896	N. Y.	7	3	M.	53-53-53	1.25-1.54-1.40

KITE MAKERS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1887	Ohio	369	10	M.	60-60-60	1.50-1.50-1.50
1887	Ohio	369	65	F.	60-60-60	.55- .55- .55
1891	China	105	(a)	(a)	(a)	.27- .27- .27

KNEADERS, CLAY.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1892	France	505	(a)	M.	(a)	.48- .77- —
1892	France	505	(a)	M.	60-60-60	c .82- .92- —
1892	Russia	692	(a)	(a)	(a)	.22- .42- —

KNITTERS.

Year	State or country	Report No.	Number and sex of employees		Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1842	Mass	190	1	F.	78-78-78	.60- .60- .60
1843	Mass	190	1	M.	78-78-78	1.13-1.13-1.13
1843	Mass	190	2	F.	78-78-78	.60- .60- .60
1844	England	626	(a)	M.	d 48-96 —	.04-1.45- —
1844	England	626	(a)	F.	e 60-96 —	.06- .43- —
1846	Mass	190	6	F.	78-78-78	.58- .58- .58
1847	Mass	190	6	F.	78-78-78	.58- .58- .58
1848	Mass	190	7	F.	78-78-78	.58- .58- .58
1849	Mass	190	4	F.	78-78-78	.56- .56- .56
1850	Mass	190	4	F.	78-78-78	.56- .56- .56
1851	Mass	190	6	F.	78-78-78	.54- .56- .55
1852	Mass	190	5	F.	78-78-78	.54- .54- .54
1853	Mass	190	7	F.	78-78-78	.50- .54- .52
1854	Mass	190	5	F.	78-78-78	.50- .50- .50
1858	Mass	190	6	F.	78-78-78	.54- .73- .58
1859	Mass	190	8	F.	78-78-78	.50- .73- .62
1860	Mass	190	8	F.	78-78-78	.50- .73- .59
1860	Russia	609	(a)	F.	(a)	.16- .16- .16
1861	Mass	190	7	F.	78-78-78	.50- .73- .57
1861	England	564	(a)	M.	f 56-56-56	.24-1.05- —
1862	Mass	190	4	F.	72-72-72	.54-1.00- .69
1863	Mass	190	2	F.	72-72-72	.67-1.00- .84
1865	Mass	190	2	F.	72-72-72	.83- .83- .83
1866	Mass	190	4	F.	72-72-72	.67- .75- .71
1866	England	566	(a)	M.	60-60-60	.36-1.22- —
1866	England	566	(a)	F.	60-60-60	.49- .81- —
1869	Mass	266	2	(a)	60-60-60	2.00-2.00-2.00
1869	Russia	185	(a)	F.	(a)	.15- .15- .15
1869	Russia	185	(a)	(a)	(a)	.08- .08- .08
1870	Germany	610	(a)	M.	72-72-72	.24- .36- —
1871	England	185	(a)	F.	(a)	.24- .48- —
1872	Mass	190	3	M.	66-66-66	1.17-1.17-1.17
1872	Mass	268	108	F.	(a)	.83- .83- .83
1872	Germany	185	(a)	M.	72-72-72	.36- .96- —
1872	Germany	185	(a)	F.	g 60-72 —	.20- .36- —
1873	Mass	190	3	M.	66-66-66	1.17-1.17-1.17
1873	England	185	(a)	(a)	(a)	1.66-1.80- —
1874	Mass	190	3	M.	66-66-66	1.00-1.00-1.00
1875	Mass	190	3	M.	60-60-60	.80- .80- .80
1876	Mass	190	3	M.	60-60-60	.75- .75- .75
1877	Mass	190	3	M.	60-60-60	.75- .75- .75
1877	England	570	(a)	M.	h 50-56 —	.41-2.03- —
1877	England	570	(a)	F.	56-56-56	.49- .73- —
1877	Germany	177	(a)	(a)	(a)	.32-1.00- —
1878	Mass	190	3	M.	60-60-60	.71- .71- .71
1878	England	177	(a)	M.	(a)	.41-2.03- —
1878	Germany	177	(a)	M.	(a)	.33- .50- —
1879	Mass	190	4	M.	60-60-60	.71- .71- .71
1880	Ohio	7	20	F.	(a)	.43- .63- .53
1880	England	571	(a)	M.	i 56-56-56	.57-2.64- —
1880	England	571	(a)	F.	52-56 —	.65- .81- —
1881	Germany	178	(a)	F.	(a)	.30- .30- .30

a Not reported.
b And lodging and fuel.
c And fuel.
d Applies to but 211 of the 753 wage quotations.
e Applies to but 8 of the 70 wage quotations.
f Applies to but 2 of the 4 wage quotations.
g Applies to but 4 of the 6 wage quotations.
h Applies to but 21 of the 23 wage quotations.
i Applies to but 15 of the 17 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KNITTERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1882 Conn.	7	4 M.	66-66-66	0.58-0.83-0.73
1882 Conn.	7	6 F.	66-66-66	.42- .90- .74
1882 Ky.	7	12 F.	60-60-60	.54- .88- .72
1882 Mo.	294	2 M.	60-60-60	1.10-1.10-1.10
1882 England	33	(a) M.	b 56-56-56	.57 1.62- —
1882 England	33	(a) F.	56-56-56	.81- .81- .81
1882 England	33	(a) (a)	(a)	.71- .75- —
1883 Mass.	273	74 M.	(a)	1.49-3.00-1.55
1883 Mass.	273	214 F.	(a)	.89-1.50- .94
1883 Mich.	277	29 F.	(a)	.40-1.50- .67
1883 Ohio.	365	2 F.	60-60-60	.50- .67- .58
1883 England	572	(a) M.	c 56-56-56	.57-2.03- —
1883 England	572	(a) F.	56-56-56	.81- .81- .81
1883 Gr't Brit.	273	(a) M.	(a)	.77-1.06- —
1883 Gr't Brit.	273	(a) F.	(a)	.57- .69- —
1883 Gr't Brit.	273	(a) (a)	(a)	.24- .24- .24
1884 Ga.	7	25 F.	(a)	.75- .75- .75
1884 Mich.	278	20 M.	(a)	.35- .70- .52
1884 Mich.	278	1 F.	(a)	1.00-1.00-1.00
1884 N. H.	7	32 F.	66-66-66	.76-1.48-1.01
1884 N. J.	323	42 F.	60-60-60	.67-1.17-1.08
1884 Pa.	388	1 M.	(a)	1.59-1.59-1.59
1884 Canada	178	(a) F.	54-60 —	.33-1.00- —
1884 Canada	466	(a) M.	59-59-59	1.31-1.31-1.31
1884 Canada	466	(a) F.	59-59-59	.54- .63- —
1884 England	178	(a) M.	d 70-70-70	.57- .96- —
1884 England	178	(a) F.	70-70-70	.40- .64- —
1884 England	178	(a) (a)	(a)	.71- .75- —
1884 Germany	178	(a) F.	(a)	.24- .24- .24
1885 Ala.	7	10 M.	(a)	.67-1.00- .88
1885 Ala.	7	10 F.	(a)	.25-1.00- .66
1885 Mass.	7	2 M.	60-60-60	1.00-1.13-1.07
1885 Mass.	7	6 F.	60-60-60	.50-1.25- .73
1885 Minn.	7	39 F.	60-60-60	.33-1.75- .73
1885 Mo.	2	14 F.	55-60-58	.67-1.25- .88
1885 N. H.	7	6 M.	e 66-66-66	.77-2.00-1.21
1885 N. H.	7	145 F.	f 66-66-66	.57-1.61-1.09
1885 N. Y.	1	3 M.	66-66-66	.67-1.75-1.08
1885 N. Y.	1	88 F.	66-66-66	.50-1.28-1.03
1885 N. Y.	7	8 M.	g 60-65-61	1.25-2.00-1.54
1885 N. Y.	7	40 F.	h 60-65-62	1.00-1.89-1.50
1885 N. Y.	330	4 F.	66-66-66	1.00-1.00-1.00
1885 Pa.	1	36 F.	60-60-60	.50- .50- .50
1885 R. I.	7	4 F.	(a)	1.08-1.08-1.08
1885 Vt.	7	2 M.	64-64-64	.75-1.25-1.00
1885 Vt.	7	17 F.	64-64 64	.63-1.89-1.06
1885 Va.	1	6 M.	60-60-60	.60-1.75- .98
1885 Va.	1	13 F.	60-60-60	.50- .50- .50
1885 Canada	467	(a) M.	56-60—	.42-1.33- —
1885 Canada	467	(a) F.	62-62-62	.61- .62- —
1885 Germany	547	(a) (a)	(a)	.52- .75- —
1886 Conn.	2	18 F.	60-60-60	1.10-1.20-1.15
1886 Ill.	7	8 F.	(a)	.50-1.21- .84
1886 Mich.	7	81 F.	(a)	.67-1.06- .87
1886 Mo.	3	31 F.	i 54-60-57	.24- .83- .59
1886 N. J.	325	104 F.	60-60-60	1.00-1.00-1.00
1886 N. Y.	3	2 F.	53-58-55	1.17-1.50-1.34
1886 N. Y.	7	40 F.	58-58-58	.83-1.45-1.15
1886 Pa.	2	40 (a)	60-60-60	1.66-2.00-1.92
1886 Pa.	3	34 F.	47-60-56	.41-2.25- .95
1886 Pa.	7	13 M.	j 60-60-60	.50-2.94-1.64
1886 Pa.	7	146 F.	k 60-60-60	.34-2.27-1.03
1886 R.I.	3	7 F.	60-61-60	.92-1.50-1.33
1886 Vt.	7	1 M.	66-66-66	1.00-1.00-1.00
1886 Vt.	7	23 F.	66-66-66	.67-2.04-1.13
1886 Wis.	2	20 M.	60-60-60	0.40-0.40-0.40
1886 England	601	(a) M.	(a)	.40-1.55- —
1886 England	601	(a) F.	(a)	.39- .58- —
1886 Scotland	601	(a) M.	57-57-57	.44-1.03- —
1886 Scotland	601	(a) F.	57-57-57	.59- .59- .59
1887 Conn.	202	6 M.	(a)	.48- .48- .48
1887 Conn.	202	41 F.	(a)	.66- .76- .67
1887 Ga.	3	7 F.	65-65-65	.42- .98- .66
1887 Ill.	3	38 F.	g 48-60-56	.25-1.33- .82
1887 Ky.	3	7 F.	60-62-62	.33- .75- .57
1887 Mass.	3	8 F.	g 54-59-56	.92-1.50-1.37
1887 N. Y.	3	7 F.	50-60-58	.21-1.33- .70
1887 Ohio.	3	38 F.	48-60-56	.25- .83- .59
1887 Ohio.	369	89 M.	60-60-60	.85-1.10- .97
1887 Ohio.	369	801 F.	60-72-61	.35-1.15- .65
1887 Wis.	409	585 (a)	(a)	.62- .62- .62
1888 Ind.	3	9 F.	48-57-54	.50-1.08- .67
1888 Me.	254	3 F.	60-60-60	.45-1.40-1.00
1888 N. J.	326	11 M.	(a)	3.33-3.33-3.33
1888 N. J.	326	97 F.	(a)	1.00-1.25-1.02
1888 N. Y.	331	334 M.	l 45-60-55	.67-3.50-1.12
1888 N. Y.	331	95 F.	g 59-60-60	.33-1.38- .86
1888 N. Y.	331	11 (a)	(a)	1.00-1.00-1.00
1888 R. I.	397	2 (a)	(a)	1.50-1.70-1.60
1888 Canada	470	(a) M.	59-59-59	.38-1.22- —
1888 Canada	470	(a) F.	55-57-57	.53- .78- —
1888 Germany	558	(a) (a)	54-57 —	.79-1.11- —
1889 R. I.	398	2 F.	60-72-66	1.17-1.50-1.34
1889 Canada	471	(a) M.	58-58-58	1.77-1.77-1.77
1889 Canada	471	(a) F.	54-60 —	.67- .90- —
1889 France	6	(a) F.	(a)	.35- .49- —
1889 France	521	(a) (a)	(a)	.58- .58- .58
1889 Germany	550	(a) M.	(a)	.60- .71- —
1890 N. Y.	333	592 M.	(a)	.50-4.00-1.33
1890 N. Y.	333	8 F.	(a)	1.41-1.50-1.42
1890 Netherl'ds	666	(a) F.	(a)	.20- .27- —
1891 Mich.	283	224 F.	(a)	.60-1.04- .72
1891 N. Y.	333	678 M.	(a)	.65-4.00-1.35
1891 N. Y.	333	8 F.	(a)	1.41-1.50-1.42
1891 China	105	(a) (a)	(a)	.26- .26- .26
1892 Ind.	227	16 F.	54-60-56	.41- .55- .46
1892 N. Y.	10	1 F.	54-54-54	1.33-1.33-1.33
1892 England	577	(a) (a)	56-56-56	1.14-1.14-1.14
1892 England	632	(a) (a)	(a)	.61- .61- .61
1892 France	505	(a) M.	63-72 —	.29-1.25- —
1892 France	505	(a) F.	54-72 —	.09½-.68- —
1893 Ill.	10	6 F.	40-60-52	.67-1.00- .86
1893 Md.	10	2 F.	g 60-60-60	.25- .50- .38
1893 N. J.	327	25 F.	g 55-60-55	.42-1.45- .99
1893 N. Y.	10	4 F.	54-58-56	1.33-2.00-1.67
1893 Ohio.	374	379 F.	48-60-53	.52-1.25- .88
1893 Pa.	10	2 F.	55-55-55	.83- .83- .83
1893 England	632	(a) F.	(a)	.41-1.14- —
1893 France	507	(a) (a)	60-66 —	.72-1.93- —
1893 Scotland	632	(a) F.	(a)	.28- .61- —
1894 Ind.	228	23 (a)	60-60-60	1.31-1.31-1.31
1894 N. H.	316	1 M.	59-59-59	1.50-1.50-1.50
1894 Ohio.	375	167 F.	n 48-60-58	.50-2.50- .74
1894 R. I.	401	12 (a)	(a)	.92-2.83-1.57
1894 France	508	(a) M.	o 57-66 —	.39-1.74- —
1894 France	508	(a) F.	57-60 —	.24- .53- —
1894 France	508	(a) (a)	60-66 —	.14- .29- —
1895 Conn.	7	26 F.	60-60-60	.39-1.00- .80
1895 Mass.	7	2 M.	58-58-58	.86-1.21-1.04
1895 Mass.	7	13 F.	58-58-58	.76-1.24-1.02

a Not reported.
b Applies to but 4 of the 6 wage quotations.
c Applies to but 6 of the 8 wage quotations.
d Applies to but 1 of the 4 wage quotations.
e Not including hours of 3 persons not reported.
f Not including hours of 91 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 14 persons not reported.
i Not including hours of 8 persons not reported.
j Not including hours of 7 persons not reported.
k Not including hours of 135 persons not reported.
l Not including hours of 236 persons not reported.
n Not including hours of 41 persons not reported.
o Applies to but 9 of the 11 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KNITTERS—Concluded.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Mass	8	8 M.	60-60-60	1.00-2.50-1.66
1895 Mass	8	3 F.	60-60-60	.83-1.50-1.28
1895 N. H	7	62 M.	60-60-60	.70-2.00-1.19
1895 N. H	7	229 F.	60-60-60	.52-2.01-1.05
1895 N. Y	7	7 M.	60-60-60	.94-2.00-1.67
1895 N. Y	7	48 F.	60-60-60	1.25-2.16-1.86
1895 N. Y	8	2 M.	60-60-60	1.25-2.00-1.63
1895 N. Y	8	6 F.	60-60-60	1.00-1.25-1.13
1895 N. C	8	2 M.	60-66-63	.25- .50- .38
1895 N. C	8	1 F.	60-60-60	.30- .30- .30
1895 Ohio	376	3 M.	48-48-48	1.50-1.50-1.50
1895 Ohio	376	166 F.	48-60-56	.50- .87- .71
1895 Pa	8	9 M.	60-60-60	1.66-2.00-1.70
1895 Pa	8	4 F.	60-60-60	1.00-1.15-1.06
1895 R. I	7	3 F.	60-60-60	1.00-1.17-1.06
1895 France	509	(a) M.	57-84 —	.43-1.74- —
1895 France	509	(a) F.	66-66-66	.26- .39- —
1895 France	509	(a) (a)	66-66-66	.16- .24- —
1896 Ala	7	16 M.	63-63-63	.25- .90- .38
1896 Ala	7	72 F.	63-63-63	.25- .90- .59
1896 Ga	7	23 M.	63-63-63	1.00-1.15-1.09
1896 Ga	7	7 F.	63-63-63	.67-1.00- .89
1896 Ill	7	3 M.	54-54-54	1.17-2.00-1.56
1896 Ill	7	27 F.	54-57-57	.43-1.25- .76
1896 Ky	7	22 F.	60-60-60	.49- .88- .66
1896 Mich	7	168 F.	60-60-60	.50-1.21- .87
1896 Minn	7	29 F.	54-54-54	.55-1.20- .81
1896 N. Y	7	42 F.	58-58-58	.26-1.32- .84
1896 Ohio	7	60 F.	60-60-60	0.36-0.79-0.57
1896 Ohio	377	11 M.	48-55-52	1.75-1.84-1.81
1896 Ohio	377	211 F.	42-60-46	.67-1.00- .77
1896 Pa	7	38 M.	60-60-60	.42-2.17-1.25
1896 Pa	7	209 F.	60-60-60	.28-1.74-1.02
1896 R. I	7	12 F.	60-60-60	.67-1.33-1.02
1896 Vt	7	13 M.	60-64-62	1.00-1.50-1.18
1896 Vt	7	33 F.	64-66-65	.75-1.78-1.18
1896 France	505	(a) F.	60-60-60	.29- .29- .29
1896 France	510	(a) M.	66-66-66	1.16-1.25- —
1896 France	510	(a) F.	60-60-60	.29- .29- .29
1896 France	510	(a) (a)	66-66-66	1.06-1.06-1.06
1897 Mass	8	1 M.	63-63-63	2.50-2.50-2.50
1897 N. H	8	2 M.	60-60-60	1.10-1.10-1.10
1897 N. Y	8	1 M.	60-60-60	2.00-2.00-2.00
1897 N. C	8	1 M.	75-75-75	.30- .30- .30
1897 Pa	395	9 M.	(a)	.68-4.57 1.52
1897 Pa	395	4 F.	(a)	.67- .67- .67
1897 France	511	(a) M.	60-63 —	.65-1.01- —
1898 N. J	329	55 M.	60-60-60	.96-1.33-1.06
1898 France	512	(a) M.	60-66 —	.77-2.03- —
1898 France	512	(a) F.	51-63 —	.29- .77- —
1899 N. C	18	5 M.	66-66-66	.49-1.00- .72
1899 N. C	18	24 F.	66-66-66	.26- .55- .37
1899 Belgium	455	(a) F.	69-72 —	.27- .39- —
1899 England	158	(a) M.	54-54-54	1.04-2.08- —
1900 N. C	18	5 M.	66-66-66	.49-1.00- .80
1900 N. C	18	24 F.	66-66-66	.26- .55- .37

KNITTERS, HAND.

1869	Germany	713	(a)	M.	(a)	.22- .26- —	1891	N. Y	333	7	M.	(a)	1.17-1.17-1.17
1872	Germany	185	(a)	F.	72-72-72	.18- .24- —	1891	Italy	638	(a)	M.	(a)	.41- .93- —
1872	Germany	713	(a)	M.	(a)	.24- .30- —	1893	Italy	639	(a)	M.	60-60-60	64- .72- —
1883	Gr't Brit	273	(a)	M.	(a)	.81-1.01- —	1895	N. Y	8	1	M.	60-60-60	1.50-1.50-1.50
1890	N. Y	333	8	M.	(a)	2.29-2.29-2.29							

KNITTERS' HELPERS.

1880	England	571	(a)	M.	56-56-56	.32- .69- —	1890	N. Y	333	10	M.	(a)	.90-1.50-1.04
1880	England	571	(a)	F.	56-56-56	.41- .41- 41	1891	N. Y	333	11	M.	(a)	.90-1.50-1.04
1885	N. Y	7	4	M.	b 60-60-60	.63- .75- .72	1895	Pa	8	1	F.	60-60-60	.50- .50- .50
1885	N. Y	7	3	F.	(a)	.50- .98- .68	1896	Ga	7	18	M.	63-63-63	.75- .75- .75
1888	N. Y	331	15	M.	(a)	.75-1.00- .88							

KNOCKERS-OFF, GLASS.

1865	England	627	(a)	M.	(a)	.24- .24- .24	1890	N. Y	6	65	M.	(a)	.70- .95- .79
1884	N. J	323	20	M.	60-60-60	.50- .50- .50	1892	Ohio	373	16	M.	58-58-58	.50- .50- .50
1888	N. Y	331	43	M.	50-55-52	.64- .75- .67	1897	Ohio	377	38	M.	57-60-58	.80-1.75-1.00
1890	Ill	6	18	M.	(a)	.50- .65- .54							

KNOTTERS, TEXTILES.

1858	England	562	(a)	F.	(a)	.30- .30- .30	1880	N. J	7	1	F.	(a)	.83- .83- .83
1860	England	563	(a)	F.	(a)	.30- .30- .30	1882	England	33	(a)	(a)	(a)	49- 49- .49
1872	Germany	185	(a)	F.	c 72-72-72	.20- .36- —	1883	England	43	(a)	(a)	(a)	.49- 49- .49
1873	England	185	(a)	F.	(a)	.36- .48- —	1886	R. I	3	5	F.	60-63-61	.71- .83- .78
1877	Scotland	570	(a)	F.	(a)	.47- .80- —	1886	R. I	7	11	F.	60-60-60	.42- .70- .67

a Not reported.
b Not including hours of 2 persons not reported.
c Applies to but 2 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

KNOTTERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1886 England ..	600	(a) M.	57-57-57	0.37-0.39- —
1886 England ..	601	(a) F.	57-57-57	.48- .48- .48
1886 Scotland ..	67	(a) F.	56-56-56	.49- .49- .49
1887 Mass	3	1 F.	56-56-56	.42- .42- .42
1887 Pa	3	2 F.	60-60-60	.92-1.25-1.09
1888 Conn	6	2 F.	(a)	.95- .95- .95
1888 N. Y.	331	3 M.	(a)	.88-1.00- .92
1888 R. I	398	6 F.	60-60-60	.70- .83- .77
1890 N. Y.	333	3 M.	(a)	.80- .83- .81
1890 England ..	6	(a) M.	57-57-57	0.65-0.67- —
1891 N. Y.	333	3 M.	(a)	.75- .80- .78
1893 N. J	327	7 F.	55-60-59	.75-1.00- .83
1893 Wales	632	(a) F.	40-40-40	.36- .57- —
1895 Mass	7	6 F.	58-58-58	1.00-1.15-1.11
1895 N. J	7	6 F.	55-55-55	.92-1.00- .97
1896 R. I	7	22 F.	60-60-60	.70- .70- .70
1899 England ..	588	(a) (a)	(a)	.45- .49- —

LABELERS.

1851	Md	8	3	F.	60-60-60	.50- .50- .50	1886	Ky	8	1	M.	60-60-60	.83- .83- .83
1855	Md	8	1	F.	60-60-60	.50- .50- .50	1886	Md	3	2	F.	g54-54-54	.58- .75- .67
1858	Pa	8	1	F.	60-60-60	.50- .50- .50	1886	Md	7	11	F.	f48-48-48	.58-1.25- .87
1860	Md	8	2	F.	72-72-72	.75- .75- .75	1886	Mich	7	1	M.	60-60-60	1.89-1.89-1.89
1860	Mass	8	1	M.	60-60-60	.85- .85- .85	1886	Mich	7	33	F.	60-60-60	.50- .86- .60
1860	Pa	8	2	F.	60-60-60	.50- .50- .50	1886	Mo	3	25	F.	48-60-54	.33-1.33- .68
1865	Ky	8	1	M.	60-60-60	.50- .50- .50	1886	N. J	3	4	F.	58-58-58	.58-1.33- .85
1865	Md	8	7	F.	60-72-63	.50-1.20-1.00	1886	N. Y.	3	5	F.	56-60-59	.50-1.00- .76
1867	Ga	7	2	M.	66-66-66	.40- .40- .40	1886	N. Y.	7	27	F.	h60-60-60	.42- .83- .55
1871	N. Y.	8	1	F.	60-60-60	1.00-1.00-1.00	1886	Pa	3	7	F.	53-60-59	.50-1.00- .71
1871	England ..	629	(a)	F.	(a)	.61- .61- .61	1886	Pa	7	4	F.	59-60-60	1.00-1.17-1.04
1872	Pa	8	2	M.	60-60-60	.67- .67- .67	1886	R. I	3	2	F.	60-60-60	.50- .83- .67
1874	Mass	7	2	F.	60-60-60	.75- .83- .79	1886	W. Va.	7	1	F.	(a)	.46- .46- .46
1875	Cal	8	6	F.	60-60-60	1.50-1.50-1.50	1887	Cal	3	8	F.	50-60-58	.67-1.17- .80
1876	Cal	8	10	F.	60-60-60	1.50-1.50-1.50	1887	Ill	3	24	F.	47-61-57	.30-1.67- .92
1876	Del	8	2	F.	60-60-60	1.00-1.00-1.00	1887	La	3	5	F.	57-60-58	.58-1.08- .80
1878	N. C	7	2	F.	(a)	.58- .58- .58	1887	Md	3	11	F.	47-54-50	.42- .83- .61
1880	Ky	7	4	F.	60-60-60	.60- .83- .72	1887	Mass	3	13	F.	48-59-56	.58-1.00- .76
1880	N. Y.	7	2	F.	(a)	.67- .75- .71	1887	Minn	3	1	F.	60-60-60	1.08-1.08-1.08
1880	Pa	7	44	F.	b60-60-60	.42- .83- .56	1887	N. Y.	3	39	F.	i31-60-54	.33-1.33- .79
1880	W. Va	7	19	F.	60-60-60	.42- .42- .42	1887	Ohio	3	11	F.	47-60-54	.42-1.00- .74
1881	N. Y.	8	2	M.	54-60-57	.67-1.00- .84	1887	Pa	3	2	F.	49-54-52	.46- .83- .65
1881	R. I	7	2	M.	66-66-66	.83- .83- .83	1887	Wis	409	27	(a)	(a)	.56- .83- .58
1881	Va	7	4	F.	(a)	.83- .83- .83	1888	Cal	194	5	F.	60-60-60	.67-1.50- .83
1882	Ga	7	2	F.	(a)	.58- .58- .58	1888	Ga	3	1	F.	54-54-54	.50- .50- .50
1882	N. Y.	7	7	F.	60-60-60	.50-1.00- .79	1888	Ind	3	3	F.	58-60-59	.60- .83- .71
1882	N. Y.	8	5	F.	60-60-60	.80- .80- .80	1888	N. Y.	331	24	M.	j49-70-54	.50-1.67- .90
1882	N. C.	7	37	M.	60-60-60	.33- .58- .51	1888	N. Y.	331	38	F.	k48-56-50	.96-1.50-1.08
1882	Pa	7	19	F.	c59-59-59	.67-1.00- .85	1888	Va	3	8	F.	46-60-51	.48- .83- .70
1882	W. Va	7	6	F.	59-59-59	.50- .50- .50	1889	Kans	243	4	F.	(a)	1.25-1.25-1.25
1883	Ill	3	1	F.	(a)	.75- .75- .75	1890	N. Y.	333	65	M.	(a)	.38-1.50- .68
1883	Mass	273	1	M.	(a)	1.00-1.00-1.00	1890	N. Y.	333	37	F.	(a)	.63-1.17- .83
1883	Mass	273	2	(a)	(a)	.60- .83- .72	1890	Netherl'ds	666	(a)	F.	66-66-66	.30- .34- —
1884	Mich	278	2	F.	(a)	.50- .50- .50	1891	Kans	246	63	M.	60-60-60	1.15-1.15-1.15
1884	Ohio	7	7	F.	60-60-60	.46- .62- .54	1891	Me	257	2	(a)	(a)	1.30-1.30-1.30
1884	W. Va	7	4	F.	60-60-60	.50- .50- .50	1891	Mich	283	199	F.	(a)	.33-1.25- .65
1884	Canada	466	(a)	F.	60-60-60	.33- .65- —	1891	N. Y.	333	66	M.	(a)	.38-1.50- .69
1885	Conn	7	2	M.	60-60-60	1.50-1.67-1.59	1891	N. Y.	333	38	F.	(a)	.75-1.17- .90
1885	Ill	7	58	F.	d55-55-55	.42-1.17- .67	1892	Cal	196	3	M.	48-54-52	.58- .75- .67
1885	Ky	7	6	F.	(a)	.49- .73- .63	1892	Cal	196	3	F.	48-56-53	.58-1.00- .75
1885	Mass	7	1	M.	60-60-60	1.02-1.02-1.02	1892	Ill	210	91	F.	35-60-51	.64-1.93-1.16
1885	Mass	7	9	F.	60-60-60	1.02-1.25-1.05	1892	Kans	246	67	M.	60-60-60	1.17-1.17-1.17
1885	Mo	7	5	F.	60-60-60	.75- .83- .78	1892	Me	258	1033	M.	60-60-60	.82-1.28- .87
1885	N. J	7	7	F.	59-60-60	.75- .83- .76	1892	Me	258	10	F.	i60-60-60	.50-1.00- .68
1885	N. Y.	7	4	M.	56-60-58	.58- .67- .63	1892	Australia	424	(a)	(a)	(a)	.41-1.58- —
1885	N. Y.	7	59	F.	e46-60-57	.39-1.42- .90	1893	Ill	10	1	F.	54-54-54	1.00-1.00-1.00
1885	Ohio	7	10	F.	f51-51-51	.58- .78- .64	1893	Ohio	374	1	M.	60-60-60	.88- .88- .88
1885	Pa	7	8	M.	60-60-60	.83- .83- .83	1893	Ohio	374	56	F.	l48-60-57	.50-1.10- .89
1885	Pa	7	14	F.	60-60-60	.67-1.33- .96	1893	England ..	632	(a)	F.	(a)	.41- .41- .41
1885	Wis	7	136	F.	60-60-60	.50- .79- .55	1893	Wales	632	(a)	F.	50-50-50	.49- .49- .49
1886	Ill	7	7	F.	60-60-60	.50-1.00- .71	1894	Ga	8	7	M.	60-60-60	.40- .65- .51

a Not reported.
b Not including hours of 37 persons not reported.
c Not including hours of 9 persons not reported.
d Not including hours of 38 persons not reported.
e Not including hours of 27 persons not reported.
f Not including hours of 7 persons not reported.
g Not including hours of 1 person not reported.
h Not including hours of 18 persons not reported.
i Not including hours of 2 persons not reported.
j Not including hours of 5 persons not reported.
k Not including hours of 30 persons not reported.
l Not including hours of 10 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABELERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 Md	8	48	F.	60-72-68	1.00-1.20-1.17
1894 N. Y	8	5	M.	60-60-60	1.00-1.92-1.33
1894 N. Y	8	27	F.	60-60-60	.75-1.25- .93
1894 N. C	8	2	M.	60-60-60	.35-1.50- .93
1894 N. C	8	1	F.	60-60-60	.40- .40- .40
1894 Ohio	375	1	M.	54-54-54	.78- .78- .78
1894 Ohio	375	15	F.	54-60-59	.75-1.10-1.01
1894 Australia	425	(a)	(a)	(a)	.32- .71- —
1895 Conn	8	1	F.	60-60-60	1.25-1.25-1.25
1895 Ga	7	5	F.	48-48-48	.67- .67- .67
1895 Ill	7	38	F.	55-55-55	.50-1.00- .65
1895 Md	7	10	F.	60-60-60	.92-1.29-1.10
1895 Md	8	59	F.	60-90-73	1.10-1.20-1.14
1895 Mass	7	5	M.	60-60-60	1.25-1.25-1.25
1895 Mass	7	22	F.	55-58-57	.64-1.38- .99
1895 Mass	8	1	F.	60-60-60	1.00-1.00-1.00
1895 Mo	7	7	F.	60-60-60	.75-1.17- .90
1895 N. H	7	1	M.	60-60-60	.75- .75- .75
1895 N. J	7	36	F.	53-60-58	.42-1.33- .67
1895 N. J	8	1	F.	60-60-60	1.00-1.00-1.00
1895 N. Y	7	2	M.	56-56-56	.50- .50- .50
1895 N. Y	7	100	F.	46-60-57	.50-1.71- .98
1895 N. Y	8	7	M.	54-60-59	.50-1.50-1.23
1895 N. Y	8	5	F.	54-60-58	.83-1.00- .97
1895 N. C	7	59	M.	60-60-60	.33- .90- .54
1895 N. C	8	1	M.	60-60-60	.75- .75- .75
1895 Ohio	376	1	M.	57-57-57	.65- .65- .65
1895 Ohio	376	25	F.	57-60-60	.50-1.10- .82
1895 Pa	8	3	M.	60-60-60	.50- .83- .67
1895 Pa	8	6	F.	60-60-60	1.00-1.00-1.00
1895 Va	7	10	F.	48-48-48	1.00-1.17-1.06
1895 W. Va	7	12	F.	59-59-59	.50- .67- .58
1895 Australia	426	(a)	(a)	(a)	.32- .71- —
1896 Cal	8	6	M.	60-60-60	.75- .75- .75
1896 Cal	8	6	F.	60-60-60	1.50-1.50-1.50
1896 Colo	200	1	(a)	60-60-60	1.25-1.25-1.25
1896 Conn	7	5	M.	60-60-60	1.50-1.68-1.60
1896 Conn	8	2	F.	60-60-60	1.00-1.00-1.00
1896 Ga	7	5	M	66-66-66	.50- .50- .50
1896 Ill	7	71	F.	48-60-54	.41-1.00- .62
1896 Ky	7	19	F.	60-60-60	.50- .83- .69
1896 Ky	8	4	M.	60-60-60	.40- .83- .53
1896 Md	7	14	F.	48-48-48	.67-1.04- .80
1896 Mass	8	1	M.	60-60-60	1.00-1.00-1.00
1896 Mass	8	1	F.	58-58-58	1.11-1.11-1.11
1896 Mich	7	17	M.	60-60-60	.50-1.82-1.02
1896 Mich	7	51	F.	54-60-56	.50-1.01- .67
1896 Mo	305	18	M.	60-60-60	.40- .60- .53
1896 N. Y	7	42	F.	59-60-60	.33- .83- .58
1896 N. C	7	2	F.	54-54-54	.75- .75- .75
1896 Ohio	7	24	F.	51-60-58	.41- .71- .54
1896 Ohio	377	1	M.	54-54-54	.75- .75- .75
1896 Ohio	377	85	F.	b51-60-57	.50-1.50- .81
1896 Pa	7	12	M.	60-60-60	.83- .83- .83
1896 Pa	7	110	F.	54-60-56	.42-1.33- .81
1896 Pa	8	1	F.	60-60-60	.75- .75- .75
1896 R. I	7	2	M.	60-60-60	1.00-1.00-1.00
1896 W. Va	7	35	F.	60-60-60	.42- .58- .43
1896 Wis	7	215	F.	48-60-56	.50- .79- .57
1896 Australia	427	(a)	(a)	(a)	.32- .61- —
1897 N. J	328	3	F.	(a)	.84- .84- .84
1897 Ohio	377	1	F.	60-60-60	1.00-1.00-1.00
1897 Va	404	15	M.	60-60-60	1.25-1.25-1.25
1897 Va	404	16	F.	54-60-56	.75-1.00- .94
1897 Australia	428	(a)	F.	(a)	.18- .61- —
1897 Australia	428	(a)	(a)	(a)	.20-1.12- —
1898 Ohio	18	5	M.	(a)	1.00-1.40-1.18
1898 Australia	429	(a)	F.	(a)	.18- .61- —
1898 Australia	429	(a)	(a)	(a)	.20-1.22- —

LABORATORY HANDS.

1881 N. H	7	13	M.	65-65-65	.83-2.00-1.24
1891 France	505	(a)	M.	60-60-60	c.48-1.28- —
1894 Ohio	375	2	M.	48-48-48	1.50-1.50-1.50
1895 N. H	7	12	M.	60-60-60	1.20-2.00-1.44
1895 Ohio	376	4	M.	48-48-48	1.08-1.60-1.47
1896 Ohio	377	10	M.	48-60-54	1.45-1.90-1.69
1896 Ohio	377	6	F.	54-60-56	.75-1.45- .98

LABORERS.

1725 England	185	(a)	(a)	(a)	.20- .20- .20
1725 England	185	(a)	(a)	(a)	d.12- .12- .12
1737 England	185	(a)	(a)	(a)	.20- .32- —
1787 England	185	(a)	(a)	(a)	.24- .32- —
1810 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1811 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1812 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1813 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1814 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1815 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1816 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1817 Scotland	572	(a)	(a)	54-54-54	.45- .45- .45
1818 Scotland	572	(a)	(a)	54-54-54	.37- .37- .37
1819 Scotland	572	(a)	(a)	54-54-54	.30- .30- .30
1821 Ireland	572	(a)	(a)	(a)	.41- .41- .41
1822 Ireland	572	(a)	(a)	(a)	.41- .41- .41
1823 Ireland	572	(a)	(a)	(a)	.41- .41- .41
1824 England	572	(a)	(a)	(a)	.65- .65- .65
1824 Ireland	572	(a)	(a)	(a)	.36- .36- .36
1825 N. H	190	1	M.	60-60-60	1.25-1.25-1.25
1825 Ireland	572	(a)	(a)	(a)	.36- .36- .36
1826 England	572	(a)	(a)	(a)	.61- .61- .61
1826 Ireland	572	(a)	(a)	(a)	.36- .36- .36
1827 England	572	(a)	(a)	(a)	.65- .65- .65
1827 Ireland	572	(a)	(a)	(a)	.36- .36- .36
1828 England	572	(a)	(a)	(a)	.61- .61- .61
1828 Ireland	572	(a)	(a)	(a)	.36- .36- .36
1829 England	572	(a)	(a)	(a)	.61- .61- .61
1829 Ireland	572	(a)	(a)	(a)	.32- .32- .32
1830 Ohio	8	1	M.	60-60-60	.80- .80- .80
1830 England	572	(a)	(a)	(a)	.61- .61- .61
1830 Ireland	572	(a)	(a)	(a)	.32- .32- .32
1831 England	572	(a)	(a)	(a)	.61- .61- .61
1831 Ireland	572	(a)	(a)	(a)	.32- .32- .32
1831 Scotland	572	(a)	(a)	54-54-54	.37- .37- .37
1832 Ohio	8	4	M.	60-60-60	.60- .60- .60

a Not reported.
b Not including hours of 7 persons not reported.
c And *gratifications*.
d And board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1832 Ireland	572	(a) (a)	(a)	.32-0.32-0.32
1833 England	572	(a) (a)	(a)	.61- .61- .61
1833 Ireland	572	(a) (a)	(a)	.32- .32- .32
1834 Conn	8	1 M.	72-72-72	1.00-1.00-1.00
1834 England	572	(a) (a)	(a)	.61- .61- .61
1834 Ireland	572	(a) (a)	(a)	.32- .32- .32
1836 Belgium	610	(a) M.	(a)	.19- .19- .19
1839 England	562	(a) M.	50-70 —	.57-1.70- —
(b) Germany	609	(a) (a)	(a)	.20- .20- .20
1840 Mass	190	4 M.	78-84-81	.75-1.00- .91
1840 N. Y	190	36 M.	60-60-60	.75-1.25- .95
1840 Ohio	8	8 M.	60-60-60	.30- .60- .56
1840 Pa	190	8 M.	(a)	1.00-1.00-1.00
1840 England	564	(a) (a)	c 50-63 —	.49- .65- —
1840 England	625	(a) M.	(a)	.43- .43- .43
1840 Scotland	563	(a) (a)	d 60-60-60	.49- .49- .49
1840 Switzerl'd	711	(a) M.	(a)	.15- .22- —
1840 Wales	572	(a) (a)	(a)	.63- .81- —
1841 Mass	190	3 M.	78-84-80	.87-1.00- .96
1841 N. Y	190	29 M.	60-60-60	.69-1.25- .99
1841 England	625	(a) M.	e 36-60 —	.24- .73- —
1841 N. Zealand	667	(a) (a)	(a)	1.95-1.95-1.95
1841 Russia	185	(a) (a)	(a)	.55- .55- .55
1841 Wales	572	(a) (a)	(a)	.57- .83- —
1841 Wales	625	(a) M.	(a)	.49- .49- .49
1842 Mass	190	4 M.	78-84-83	.75-1.00- .86
1842 N. Y	190	53 M.	60-72-61	.50-1.25- .89
1842 Pa	190	12 M.	(a)	1.00-1.00-1.00
1842 Wales	572	(a) (a)	(a)	.49- .73- —
1843 Mass	190	2 M.	78-84-81	.87-1.00- .94
1843 N. Y	190	66 M.	60-72-61	.56-1.25- .86
1843 Pa	190	10 M.	(a)	1.00-1.00-1.00
1843 England	572	(a) (a)	72-72-72	.45- .49- —
1843 Wales	572	(a) (a)	(a)	.45- .61- —
1844 Mass	190	2 M.	78-84-81	.87-1.00- .94
1844 N. Y	190	59 M.	60-72-61	.59-1.25- .90
1844 Pa	190	14 M.	(a)	1.00-1.00-1.00
1844 England	572	(a) (a)	f 72-72-72	.49- .53- —
1844 Wales	572	(a) (a)	(a)	.34- .77- —
1845 Mass	8	1 M.	72-72-72	.75- .75- .75
1845 Mass	190	16 M.	72-84-81	.65-1.00- .80
1845 N. Y	190	51 M.	60-60-60	.63-1.25- .84
1845 Ohio	8	3 M.	60-60-60	.70- .70- .70
1845 Pa	190	17 M.	(a)	1.00-1.45-1.03
1845 England	572	(a) (a)	72-72-72	.57- .57- .57
1845 Switzerl'd	711	(a) M.	(a)	.18- .25- —
1845 Switzerl'd	714	(a) M.	(a)	.28- .29- —
1845 Wales	572	(a) (a)	(a)	.39- .85- —
1846 Mass	190	16 M.	72-84-81	.65-1.00- .85
1846 N. H	190	7 M.	66-66-66	.67-1.00- .83
1846 N. Y	190	89 M.	60-60-60	.63-1.25- .83
1846 Pa	190	16 M.	(a)	1.00-1.00-1.00
1846 Belgium	610	(a) M.	(a)	.24- .24- .24
1846 England	572	(a) (a)	(a)	.65- .65- .65
1846 Wales	572	(a) (a)	(a)	.49- .51- —
1847 Mass	190	20 M.	72-84-79	.70-1.17- .88
1847 N. H	190	6 M.	66-66-66	.67-1.00- .80
1847 N. Y	190	83 M.	60-60-60	.46-1.25- .86
1847 Pa	190	10 M.	(a)	1.00-1.00-1.00
1847 England	572	(a) (a)	(a)	.53- .71- —
1847 Wales	572	(a) (a)	(a)	.49- .56- —
1848 Conn	190	1 M.	60-60-60	.96- .96- .96
1848 Mass	190	21 M.	72-84-78	.70-1.17-.87
1848 N. H	190	8 M.	60-60-60	.80-1.00- .90
1848 N. Y	190	132 M.	60-60-60	.63-1.25- .86
1848 Pa	190	11 M.	(a)	1.00-1.00-1.00
1848 England	572	(a) (a)	d 72-72-72	0.53-0.69- —
1848 Germany	76	(a) M.	(a)	.25- .32- —
1848 Wales	572	(a) (a)	(a)	.45- .48- —
1849 Conn	190	1 M.	60-60-60	.96- .96- .96
1849 Mass	190	60 M.	60-84-66	.60-1.00- .84
1849 N. H	190	5 M.	60-60-60	.80-1.17- .97
1849 N. Y	190	105 M.	60-60-60	.63-1.25- .93
1849 Ohio	190	38 M.	60-60-60	.88- .88- .88
1849 Pa	190	34 M.	g 60-60-60	.80-1.00- .94
1849 England	562	(a) M.	50-70 —	.57-1.70- —
1849 England	572	(a) (a)	d 72-72-72	.53- .63- —
(h) Germany	609	(a) (a)	(a)	.24- .24- .24
1849 Wales	572	(a) (a)	(a)	.41- .45- —
1850 Conn	190	1 M.	60-60-60	.96- .96- .96
1850 Mass	190	73 M.	60-84-67	.75-1.33- .90
1850 N. H	190	2 M.	60-60-60	.80-1.00- .90
1850 N. J	190	1 M.	60-60-60	.75- .75- .75
1850 N. Y	8	80 M.	60-60-60	1.00-1.00-1.00
1850 N. Y	190	84 M.	60-60-60	.63-1.25- .84
1850 Ohio	190	38 M.	60-60-60	.88- .88- .88
1850 Pa	190	37 M.	i 60-60-60	.80-1.00- .95
1850 Belgium	456	(a) (a)	(a)	.34- .34- .34
1850 England	8	(a) M.	72-72-72	.49- .61- —
1850 England	45	(a) M.	(a)	.49- .73- —
1850 England	564	(a) (a)	j 48-63 —	.49- .91- —
1850 Germany	76	(a) M.	(a)	.29- .32- —
1850 Gr't Brit	605	(a) M.	(a)	.49- .49- .49
1850 Scotland	563	(a) (a)	d 60-60-60	.49- .57- —
1850 Switzerl'd	711	(a) M.	(a)	.22- .31- —
1850 Switzerl'd	714	(a) M.	(a)	.29- .29- .29
1851 Conn	190	1 M.	60-60-60	.96- .96- .96
1851 Md	8	4 M.	60-60-60	1.00-1.00-1.00
1851 Mass	190	70 M.	60-84-63	.60-1.25- .89
1851 N. H	190	3 M.	60-60-60	.80-1.00- .91
1851 N. J	190	2 M.	60-60-60	.75- .88- .82
1851 N. Y	190	79 M.	60-60-60	.68-1.25- .89
1851 Ohio	190	53 M.	60-60-60	.88- .88- .88
1851 Pa	190	31 M.	k 60-60-60	1.00-1.00-1.00
1851 Germany	76	(a) M.	(a)	.25- .32- —
1851 Scotland	188	(a) (a)	(a)	.48- .48- .48
1852 Conn	190	3 M.	60-60-60	.84-1.00- .95
1852 Mass	190	82 M.	60-72-63	.60-1.25- .87
1852 N. H	190	5 M.	60-60-60	.80-1.25- .99
1852 N. J	190	1 M.	60-60-60	.88- .88- .88
1852 N. Y	190	103 M.	60-60-60	.63-1.25- .94
1852 Ohio	190	53 M.	60-60-60	.88-1.00- .92
1852 Pa	190	37 M.	l 60-60-60	1.00-1.50-1.03
1853 Conn	190	2 M.	60-60-60	.83-1.00- .92
1853 Mass	190	68 M.	60-72-64	.55-1.25- .87
1853 N. H	190	5 M.	60-60-60	.80-1.00- .89
1853 N. J	190	6 M.	60-60-60	.88-1.00- .98
1853 N. Y	8	87 M.	60-60-60	1.50-1.50-1.50
1853 N. Y	190	126 M.	60-72-60	.63-1.25- .91
1853 Ohio	190	38 M.	60-60-60	1.00-1.00-1.00
1853 Pa	190	58 M.	k 60-60-60	1.00-1.61-1.03
1853 Corsica	505	(a) M.	(a)	.31- .31- .31
1853 France	113	(a) M.	(a)	.30- .58- —
1853 France	505	(a) M.	(a)	.17- .49- —
1853 France	609	(a) (a)	e 72-72-72	.48- .93- —
1854 Conn	190	2 M.	60-60-60	.83-1.25-1.04
1854 Md	190	2 M.	60-60-60	1.00-1.00-1.00
1854 Mass	190	94 M.	60-72-63	.62-1.25- .88
1854 N. H	190	5 M.	60-60-60	.83-1.00- .95
1854 N. J	190	3 M.	60-60-60	1.00-1.00-1.00
1854 N. Y	190	233 M.	60-72-60	.50-1.25- .97
1854 Ohio	190	38 M.	60-60-60	1.00-2.00-1.53

a Not reported.
b Average for 1830–39.
c Applies to but 8 of the 9 wage quotations.
d Applies to but 2 of the 3 wage quotations.
e Applies to but 3 of the 4 wage quotations.
f Applies to but 1 of the 3 wage quotations.
g Not including hours of 24 persons not reported.
h Average for 1840–49.
i Not including hours of 27 persons not reported.
j Applies to but 7 of the 8 wage quotations.
k Not including hours of 21 persons not reported.
l Not including hours of 18 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1854 Pa	190	59 M.	a60-60-60	1.00-1.61-1.03
1854 Belgium	185	(b) M.	(b)	.14- .93- —
1855 Conn	190	3 M.	60-60-60	.83-1.25-1.06
1855 Md	8	2 M.	60-60-60	1.00-1.00-1.00
1855 Md	190	6 M.	60-60-60	1.00-1.00-1.00
1855 Mass	190	83 M.	60-72-63	.63-1.25- .89
1855 N. H	190	3 M.	60-60-60	.83-1.00- .94
1855 N. Y	190	221 M.	60-72-61	.63-1.44- .95
1855 Ohio	190	38 M.	60-60-60	1.00-1.00-1.00
1855 Pa	190	54 M.	c60-60-60	1.00-1.67-1.05
1855 Belgium	632	(b) M.	(b)	.22- .22- .22
1855 England	561	(b) (b)	(b)	.65- .87- —
1855 Ireland	561	(b) (b)	(b)	.30-1.14- —
1855 Switzerl'd	711	(b) M.	(b)	.25- .34- —
1855 Switzerl'd	714	(b) M.	(b)	.26- .26- .26
1856 Conn	190	2 M.	60-60-60	.83-1.25-1.04
1856 Md	190	9 M.	60-60-60	1.00-1.13-1.03
1856 Mass	190	67 M.	60-72-61	.63-1.25- .90
1856 N. H	190	3 M.	60-60-60	1.00-1.33-1.11
1856 N. J	190	4 M.	60-60-60	1.00-1.00-1.00
1856 N. Y	190	218 M.	60-72-61	.63-1.13- .98
1856 Ohio	190	38 M.	60-60-60	1.00-1.00-1.00
1856 Pa	190	47 M.	d60-60-60	1.00-1.67-1.09
1856 R. I	190	1 M.	84-84-84	.71- .71- .71
1856 Belgium	610	(b) M.	(b)	.34- .34- .34
1856 England	561	(b) (b)	(b)	.65- .87- —
1856 Germany	76	(b) M.	(b)	.32- .43- —
1856 Ireland	561	(b) (b)	(b)	.37-1.22- —
1856 Scotland	562	(b) M.	(b)	.45-1.01- —
1856 Switzerl'd	714	(b) (b)	(b)	.35- .35- .35
1857 Conn	190	2 M.	60-60-60	.72-1.34-1.03
1857 Md	190	10 M.	60-60-60	1.00-1.13-1.03
1857 Mass	190	66 M.	60-72-61	.65-1.25- .94
1857 Mich	285	1 M.	(b)	.75- .75- .75
1857 N. H	190	6 M.	60-60-60	.83-1.25-1.13
1857 N. J	190	4 M.	60-60-60	1.00-1.25-1.06
1857 N. Y	190	242 M.	60-72-62	.63-1.50- .97
1857 Ohio	190	33 M.	60-60-60	1.00-1.00-1.00
1857 Pa	190	48 M.	d60-60-60	1.00-1.67-1.07
1857 Pa	384	10 M.	(b)	.90-1.50- .96
1857 R. I	190	1 M.	84-84-84	.71- .71- .71
1857 Va	8	2 M.	72-72-72	.50- .75- .63
1857 England	563	(b) M.	e54-63 —	.65- .87- —
1857 Ireland	561	(b) (b)	(b)	.37-1.22- —
1857 Scotland	562	(b) M.	(b)	.45-1.01- —
1858 Conn	190	3 M.	60-60-60	.72-1.34-1.10
1858 Md	190	7 M.	60-60-60	1.00-1.13-1.04
1858 Mass	190	83 M.	f60-72-63	.50-1.00- .93
1858 Mich	285	1 M.	(b)	.75- .75- .75
1858 N. H	190	3 M.	60-60-60	.92-1.25-1.06
1858 N. H	190	2 M.	72-72-72	g .39- .39- .39
1858 N. J	190	2 M.	60-60-60	1.00-1.00-1.00
1858 N. Y	190	225 M.	60-72-62	.63-1.25- .97
1858 Ohio	190	33 M.	60-60-60	1.00-1.00-1.00
1858 Pa	190	50 M.	h60-60-60	1.00-1.67-1.07
1858 R. I	190	1 M.	84-84-84	.79- .79- .79
1858 England	563	(b) M.	e54-63 —	.65- .87- —
1858 Ireland	563	(b) (b)	60-63 —	.41- .65- —
1858 Scotland	562	(b) M.	(b)	.45-1.01- —
1859 Md	190	6 M.	60-60-60	1.00-1.13-1.04
1859 Mass	190	68 M.	60-72-63	.50-1.25- .95
1859 Mich	285	1 M.	(b)	.75- .75- .75
1859 N. H	190	4 M.	60-60-60	.92-1.17-1.05
1859 N. H	190	4 M.	72-72-72	g0.39-0.39-0.39
1859 N. J	190	5 M.	60-60-60	1.00-1.25-1.16
1859 N. Y	8	16 M.	60-60-60	1.50-1.50-1.50
1859 N. Y	190	283 M.	60-72-61	.63-1.38- .99
1859 Ohio	190	33 M.	60-60-60	1.00-1.00-1.00
1859 Pa	190	58 M.	i60-60-60	1.00-1.67-1.04
1859 R. I	190	2 M.	84-84-84	.96- .96- .96
1859 England	562	(b) M.	57-70 —	.57-2.03- —
1859 Germany	609	(b) (b)	(b)	.28- .28- .28
1859 Ireland	563	(b) (b)	60-63 —	.41- .65- —
1860 Ill	8	12 M.	60-60-60	1.00-1.00-1.00
1860 Md	8	3 M.	72-72-72	1.00-1.25-1.17
1860 Md	190	6 M.	60-60-60	.92-1.13- .99
1860 Mass	8	14 M.	72-72-72	1.15-1.50-1.23
1860 Mass	190	97 M.	60-72-65	.62-1.33- .98
1860 Mich	285	1 M.	(b)	1.25-1.25-1.25
1860 N. H	190	5 M.	60-60-60	1.00-1.25-1.13
1860 N. H	190	4 M.	72-72-72	g .39- .39- .39
1860 N. J	190	3 M.	60-60-60	1.13-1.25-1.18
1860 N. Y	8	29 M.	60-60-60	1.50-2.00-1.88
1860 N. Y	190	319 M.	60-72-61	.44-1.50- .99
1860 Ohio	190	40 M.	60-60-60	1.00-1.00-1.00
1860 Ohio	361	1 M.	(b)	1.00-1.00-1.00
1860 Pa	8	20 M.	60-60-60	2.25-2.25-2.25
1860 Pa	190	53 M.	k60-60-60	.92-1.67-1.04
1860 R. I	190	2 M.	78-78-78	.96- .96- .96
1860 Belgium	632	(b) M.	(b)	.22- .22- .22
1860 England	564	(b) (b)	l50-63 —	.49- .87- —
1860 France	609	(b) (b)	72-72-72	.58- .97- —
1860 Germany	609	(b) (b)	(b)	.16- .39- —
1860 Gr't Brit	605	(b) M.	(b)	.61- .61- .61
1860 Ireland	563	(b) (b)	60-69 —	.41- .85- —
1860 Russia	609	(b) (b)	(b)	.19- .19- .19
1860 Scotland	563	(b) (b)	n 57-60 —	.45- .61- —
1860 Switzerl'd	711	(b) M.	(b)	.28- .40- —
1860 Switzerl'd	714	(b) M.	(b)	.32- .32- .32
1861 Md	190	7 M.	60-60-60	.75-1.13- .86
1861 Mass	190	119 M.	60-72-62	.62-1.50- .98
1861 Mich	285	1 M.	(b)	1.00-1.00-1.00
1861 N. H	190	2 M.	60-60-60	1.00-1.00-1.00
1861 N. H	190	3 M.	72-72-72	g .39- .39- .39
1861 N. J	190	2 M.	60-60-60	1.00-1.00-1.00
1861 N. Y	190	323 M.	60-72-61	.69-1.38-1.00
1861 Ohio	190	40 M.	60-60-60	1.00-1.00-1.00
1861 Pa	190	62 M.	o60-60-60	.83-1.67-1.08
1861 R. I	190	1 M.	78-78-78	.96- .96- .96
1861 England	564	(b) (b)	p56-63 —	.57- .87- —
1861 Germany	76	(b) M.	(b)	.32- .43- —
1861 Scotland	564	(b) (b)	q57-60 —	.43- .73- —
1862 Md	190	4 M.	60-60-60	.83- .83- .83
1862 Mass	190	109 M.	60-72-62	.62-1.50- .99
1862 Mich	285	1 M.	(b)	.90- .90- .90
1862 N. H	190	3 M.	60-60-60	1.00-1.33-1.11
1862 N. H	190	2 M.	72-72-72	g .46- .46- .46
1862 N. J	190	2 M.	60-60-60	1.00-1.00-1.00
1862 N. Y	190	360 M.	60-72-61	.50-1.38- .97
1862 Ohio	190	40 M.	60-60-60	1.00-1.00-1.00
1862 Pa	190	65 M.	h60-60-60	.83-1.67-1.09
1862 R. I	190	1 M.	78-78-78	.96- .96- .96
1862 England	564	(b) (b)	r58-58-58	.65- .73- —
1862 Italy	633	(b) M.	(b)	.27- .29- —
1862 Italy	635	(b) M.	(b)	.26- .26- .26
1862 Italy	636	(b) M.	(b)	.52- .52- .52

a Not including hours of 20 persons not reported.
b Not reported.
c Not including hours of 11 persons not reported.
d Not including hours of 13 persons not reported.
e Applies to but 10 of the 11 wage quotations.
f Not including hours of 5 persons not reported.
g And board.
h Not including hours of 14 persons not reported.
i Not including hours of 18 persons not reported.
j Average for 1850–59.
k Not including hours of 15 persons not reported.
l Applies to but 17 of the 18 wage quotations.
n Applies to but 2 of the 3 wage quotations.
o Not including hours of 16 persons not reported.
p Applies to but 20 of the 21 wage quotations.
q Applies to but 2 of the 12 wage quotations.
r Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week	Rates of wages per day (dollars)
1863 Md	190	21 M.	60-60-60	1.00-1.75-1.38
1863 Mass	190	100 M.	60-72-62	.50-1.75-1.11
1863 Mich	285	1 M.	(a)	1.75-1.75-1.75
1863 N. H	190	5 M.	60-60-60	1.00-1.42-1.08
1863 N. H	190	2 M.	72-72-72	b.62- .62- .62
1863 N. J	190	3 M.	60-60-60	1.13-1.50-1.26
1863 N. Y	190	285 M.	c60-72-61	.25-1.75-1.16
1863 Ohio	190	65 M.	60-60-60	1.15-1.15-1.15
1863 Pa	190	53 M.	60-60-60	.83-1.50-1.21
1863 Pa	384	8 M.	(a)	1.00-1.65-1.08
1863 R. I	190	1 M.	78-78-78	.96- .96- .96
1863 Belgium	610	(a) M.	(a)	.39- .39- .39
1863 England	565	(a) (a)	d57-63 —	.49- .97- —
1863 France	463	(a) (a)	71-71-71	.50- .50- .50
1863 Ireland	565	(a) (a)	e60-63 —	.37- .61- —
1863 Italy	633	(a) M.	(a)	.29- .29- .29
1863 Italy	635	(a) M.	(a)	.26- .26- .26
1863 Italy	636	(a) M.	(a)	.44- .44- .44
1863 Scotland	565	(a) (a)	(a)	.41-1.01- —
1864 Md	190	13 M.	00-60-60	1.25-1.67-1.42
1864 Mass	190	93 M.	60-72-63	.70-1.75-1.29
1864 N. H	190	2 M.	60-60-60	1.00-1.67-1.34
1864 N. H	190	2 M.	72-72-72	b.69- .69- .69
1864 N. J	190	4 M.	60-60-60	1.13-1.66-1.45
1864 N. Y	190	346 M.	c60-72-61	.88-1.75-1.30
1864 Ohio	190	111 M.	60-60-60	1.50-1.50-1.50
1864 Pa	190	56 M.	60-60-60	1.00-1.75-1.29
1864 R. I	190	1 M.	78-78-78	.92- .92- .92
1864 Germany	185	(a) M.	(a)	.32- .42- —
1864 Italy	633	(a) M.	72-72-72	.33- .33- .33
1864 Italy	635	(a) M.	(a)	.26- .26- .26
1864 Italy	636	(a) M.	(a)	.50- .50- .50
1865 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1865 Md	8	4 M.	60-72-69	.50-1.50- .88
1865 Md	190	19 M.	60-60-60	1.50-1.67-1.60
1865 Mass	8	3 M.	60-60-60	1.50-1.50-1.50
1865 Mass	190	81 M.	60-72-64	.75-1.83-1.53
1865 Mich	285	1 M.	(a)	2.00-2.00-2.00
1865 N. H	190	1 M.	60-60-60	.92- .92- .92
1865 N. H	190	2 M.	72-72-72	b.69- .69- .69
1865 N. J	190	5 M.	60-60-60	1.33-2.00-1.70
1865 N. Y	190	214 M.	f60-72-61	.96-2.25-1.60
1865 N. C	8	21 M.	60-60-60	.75- .75- .75
1865 Ohio	190	10 M.	60-60-60	1.75-1.75-1.75
1865 Pa	190	52 M.	60-60-60	1.00-2.00-1.56
1865 R. I	190	1 M.	78-78-78	1.00-1.00-1.00
1865 Denmark	609	(a) (a)	(a)	.37- .53- —
1865 Germany	177	(a) M.	60-66 —	.43- .60- —
1865 Germany	185	(a) M.	(a)	.34- .42- —
1865 Italy	633	(a) M.	(a)	.34- .34- .34
1865 Italy	635	(a) M.	(a)	.29- .29- .29
1865 Italy	636	(a) M.	(a)	.47- .47- .47
1865 Switzerl'd	711	(a) M.	(a)	.31- .43- —
1865 Switzerl'd	714	(a) M.	(a)	.35- .37- —
1866 Md	190	17 M.	60-60-60	1.60-2.00-1.65
1866 Mass	190	90 M.	60-72-62	.65-2.00-1.58
1866 Mich	285	1 M.	(a)	2.00-2.00-2.00
1866 N. H	190	7 M.	60-60-60	1.25-1.50-1.42
1866 N. H	190	2 M.	72-72-72	b.69- .69- .69
1866 N. J	7	2 M.	(a)	1.24-1.24-1.24
1866 N. J	190	8 M.	60-60-60	1.50-1.83-1.65
1866 N. Y	190	199 M.	g60-72-62	.96-2.25-1.61
1866 Ohio	190	10 M.	60-60-60	1.90-1.90-1.90
1866 Pa	190	53 M.	60-60-60	1.50-2.00-1.60
1866 R. I	190	3 M.	78-78-78	1.00-1.00-1.00
1866 Denmark	609	(a) (a)	(a)	.59- .73- —
1866 England	566	(a) M.	h57-66 —	0.24-1.14- —
1866 Germany	177	(a) M.	60-66 —	.43- .60- —
1866 Germany	185	(a) M.	(a)	.35- .45- —
1866 Ireland	566	(a) M.	59-60 —	.49- .57- —
1866 Italy	633	(a) M.	(a)	.35- .35- .35
1866 Italy	635	(a) M.	(a)	.29- .29- .29
1866 Italy	636	(a) M.	(a)	.47- .47- .47
1866 Russia	185	(a) (a)	(a)	.21-1.05- —
1866 Scotland	566	(a) M.	i54-60 —	.20- .73- —
1867 Ga	7	18 M.	66-66-66	.50- .75- .67
1867 Md	190	15 M.	60-60-60	1.50-2.00-1.63
1867 Mass	190	94 M.	60-72-62	.62-2.00-1.54
1867 Mich	285	1 M.	(a)	2.00-2.00-2.00
1867 N. H	190	4 M.	60-60-60	1.42-1.50-1.48
1867 N. H	190	3 M.	72-72-72	b.69- .69- .69
1867 N. J	190	5 M.	60-60-60	1.75-1.83-1.78
1867 N. Y	190	180 M.	c60-72-62	.68-2.25-1.51
1867 Ohio	190	10 M.	60-60-60	1.90-1.90-1.90
1867 Pa	190	63 M.	60-60-60	1.50-1.75-1.58
1867 R. I	190	4 M.	78-78-78	1.00-1.00-1.00
1867 Germany	177	(a) M.	60-66 —	.43- .60- —
1867 Germany	185	(a) M.	(a)	.36- .48- —
1867 Germany	533	(a) M.	(a)	.21- .21- .21
1867 Italy	633	(a) M.	60-60-60	.43- .43- .43
1867 Italy	635	(a) M.	(a)	.29- .29- .29
1867 Italy	636	(a) M.	(a)	.43- .43- .43
1867 Scotland	567	(a) M.	60-60-60	.49- .69- —
1868 Conn	190	2 M.	60-60-60	1.50-1.75-1.63
1868 Del	190	7 M.	60-60-60	1.42-1.67-1.47
1868 Me	8	8 M.	66-66-66	1.00-1.25-1.13
1868 Md	190	17 M.	60-60-60	1.50-2.00-1.63
1868 Mass	190	118 M.	60-72-62	1.00-2.00-1.58
1868 Mich	285	1 M.	(a)	1.80-1.80-1.80
1868 N. H	190	3 M.	60-60-60	1.33-1.33-1.33
1868 N. H	190	3 M.	72-72-72	b.69- .69- .69
1868 N. J	190	5 M.	60-60-60	1.50-1.83-1.73
1868 N. Y	190	206 M.	c60-72-62	.68-2.35-1.56
1868 Ohio	190	10 M.	60-60-60	1.75-1.75-1.75
1868 Pa	7	2 M.	62-62-62	1.25-1.33-1.29
1868 Pa	190	73 M.	c60-60-60	1.00-2.00-1.54
1868 R. I	190	4 M.	72-72-72	1.00-1.00-1.00
1868 Belgium	610	(a) M.	72-72-72	.50- .66- —
1868 Belgium	610	(a) F.	72-72-72	.27- .37- —
1868 Denmark	609	(a) (a)	(a)	.45- .79- —
1868 England	567	(a) M.	j54-84 —	.12-1.22- —
1868 England	628	(a) M.	(a)	.53- .73- —
1868 France	33	(a) (a)	(a)	.68- .68- .68
1868 Germany	177	(a) M.	60-66 —	.44- .65- —
1868 Germany	185	(a) M.	(a)	.14- .53- —
1868 Germany	185	(a) F.	(a)	.10- .24- —
1868 Germany	609	(a) (a)	72-72-72	.29- .51- —
1868 Germany	610	(a) M.	k72-78 —	.15- .43- —
1868 Germany	610	(a) F.	l72-72-72	.08½-.27- —
1868 Ireland	567	(a) M.	60-63 —	.41- .61- —
1868 Italy	185	(a) M.	(a)	.24- .24- .24
1868 Italy	633	(a) M.	60-72 —	.29- .43- —
1868 Italy	635	(a) M.	(a)	.29- .29- .29
1868 Italy	636	(a) M.	(a)	.49- .49- .49
1868 Scotland	567	(a) M.	59-59-59	.53- .73- —
1869 Conn	190	2 M.	60-60-60	1.50-1.75-1.63
1869 Del	190	27 M.	60-60-60	1.17-1.50-1.37
1869 Md	190	13 M.	60-60-60	1.50-2.00-1.62
1869 Mass	8	10 M.	60-60-60	1.75-1.75-1.75
1869 Mass	190	114 M.	60-72-62	1.00-2.00-1.55
1869 Mich	285	1 M.	(a)	1.80-1.80-1.80
1869 N. H	7	4 M.	(a)	1.50-1.75-1.56

a Not reported.
b And board.
c Not including hours of 1 person not reported.
d Applies to but 11 of the 50 wage quotations.
e Applies to but 4 of the 7 wage quotations.
f Not including hours of 4 persons not reported.
g Not including hours of 5 persons not reported.
h Applies to but 26 of the 34 wage quotations.
i Applies to but 23 of the 27 wage quotations.
j Applies to but 43 of the 46 wage quotations.
k Applies to but 25 of the 29 wage quotations.
l Applies to but 11 of the 15 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1869 N. H	190	8 M.	60-60-60	1.33-1.50-1.44
1869 N. H	190	3 M.	72-72-72	*a*.69- .69- .69
1869 N. J	190	5 M.	*b* 60-60-60	1.50-1.88-1.76
1869 N. Y	190	241 M.	60-72-61	.88-2.50-1.66
1869 Ohio	190	10 M.	60-60-60	1.75-1.75-1.75
1869 Pa	190	72 M.	60-60-60	.83-2.00-1.53
1869 R. I	190	4 M.	72-72-72	1.00-1.00-1.00
1869 Brazil	609	(*c*) (*c*)	(*c*)	.61- .85- —
1869 Denmark	609	(*c*) (*c*)	(*c*)	.37- .46- —
1869 England	177	(*c*) M.	59-59-59	.80- .80- .80
1869 France	609	(*c*) (*c*)	*d* 72-72-72	.68-1.16- —
1869 Germany	177	(*c*) M.	60-66 —	.48- .71- —
1869 Germany	609	(*c*) M.	*e* 60-60-60	.24- .61- —
1869 Germany	609	(*c*) F.	(*c*)	.12- .30- —
1869 Italy	633	(*c*) M.	*f* 60-63 —	.29- .43- —
1869 Italy	635	(*c*) M.	(*c*)	.29- .29- .29
1869 Italy	636	(*c*) M.	(*c*)	.54- .54- .54
1869 Peru	609	(*c*) (*c*)	(*c*)	.91-1.46- —
1869 Russia	185	(*c*) (*c*)	(*c*)	.19- .25- —
1869 Scotland	43	(*c*) (*c*)	58-58-58	.57- .57- .57
1869 Scotland	628	(*c*) M.	(*c*)	.73- .97- —
1869 Spain	609	(*c*) (*c*)	(*c*)	.20- .40- —
1869 Switzerl'd	714	(*c*) M.	(*c*)	*g*.03½-.03½-.03¾
1869 Switzerl'd	714	(*c*) F.	(*c*)	*g*.02- .02- .02
1869 Turkey	609	(*c*) (*c*)	(*c*)	.16- .37- —
1869 Turk. in A	609	(*c*) (*c*)	(*c*)	.49- .49- .49
1870 Cal	16	7 M.	60-60-60	2.00-2.00-2.00
1870 Del	190	18 M.	60-60-60	1.33-1.50-1.37
1870 Ill	16	257 M.	60-60-60	1.75-2.00-1.90
1870 La	16	100 M.	60-60-60	1.50-1.50-1.50
1870 Md	16	75 M.	60-60-60	1.25-1.50-1.37
1870 Md	190	13 M.	60-60-60	1.50-2.00-1.62
1870 Mass	8	4 M.	60-60-60	1.00-1.50-1.19
1870 Mass	16	8 M.	60-60-60	1.50-1.50-1.50
1870 Mass	190	97 M.	60-72-63	1.00-2.00-1.60
1870 Mich	285	1 M.	(*c*)	1.75-1.75-1.75
1870 Minn	16	5 M.	60-60-60	1.25-1.25-1.25
1870 Mo	16	25 M.	54-54-54	1.50-1.50-1.50
1870 N. H	190	4 M.	60-60-60	1.33-1.58-1.48
1870 N. H	190	3 M.	72-72-72	*a*.69- .69- .69
1870 N. J	8	38 M.	60-60-60	2.00-2.50-2.13
1870 N. J	190	9 M.	60-60-60	1.00-2.00-1.70
1870 N. Y	7	5 M.	60-60-60	1.25-1.67-1.42
1870 N. Y	16	85 M.	60-60-60	1.40-1.75-1.67
1870 N. Y	190	237 M.	*h* 60-72-62	.75-2.50-1.66
1870 N. C	8	1 M.	60-60-60	.75- .75- .75
1870 Ohio	16	6 M.	60-60-60	1.50-2.00-1.75
1870 Ohio	190	10 M.	60-60-60	1.50-1.50-1.50
1870 Pa	7	3 M.	64-64-64	1.50-1.50-1.50
1870 Pa	16	23 M.	54-54-54	1.50-1.75-1.58
1870 Pa	190	74 M.	60-60-60	1.00-1.83-1.47
1870 R. I	190	1 M.	72-72-72	1.33-1.33-1.33
1870 Algeria	610	(*c*) (*c*)	(*c*)	.48- .48- .48
1870 Belgium	16	(*c*) M.	(*c*)	.44- .58- —
1870 Egypt	610	(*c*) (*c*)	(*c*)	.28- .85- —
1870 England	16	(*c*) M.	55-55-55	1.16-1.16-1.16
1870 England	16	(*c*) M.	53-54 —	*i*.09- .10½- —
1870 England	177	(*c*) M.	*j* 61-61-61	.56- .84- —
1870 France	16	(*c*) M.	(*c*)	.39- .87- —
1870 France	17	(*c*) M.	(*c*)	.59- .82- —
1870 France	33	(*c*) (*c*)	(*c*)	.48- .48- .48
1870 France	610	(*c*) (*c*)	(*c*)	.43- .43- .43
1870 Germany	177	(*c*) M.	60-66 —	.50- .73- —
1870 Germany	185	(*c*) M.	72-72-72	.30- .40- —
1870 Germany	610	(*c*) M.	*k* 60-60-60	0.24-0.61- —
1870 Gr't Brit	605	(*c*) M.	(*c*)	.81- .81- .81
1870 Italy	177	(*c*) M.	60-60-60	.28- .49- —
1870 Italy	177	(*c*) F.	60-60-60	.22- .23- —
1870 Italy	633	(*c*) M.	*f* 60-60-60	.29- .43- —
1870 Italy	635	(*c*) M.	(*c*)	.32- .32- .32
1870 Italy	636	(*c*) M.	(*c*)	.56- .56- .56
1870 Norway	610	(*c*) M.	(*c*)	.36- .58- —
1870 Russia	185	(*c*) (*c*)	(*c*)	.40-1.32- —
1870 Russia	610	(*c*) M.	(*c*)	.37-1.22- —
1870 Servia	610	(*c*) M.	(*c*)	.37- .41- —
1870 Spain	610	(*c*) M.	(*c*)	.25- .41- —
1870 Switzerl'd	610	(*c*) M.	(*c*)	.19- .39- —
1870 Switzerl'd	711	(*c*) M.	(*c*)	.34- .47- —
1870 Switzerl'd	714	(*c*) M.	(*c*)	.39- .42- —
1870 Turkey	610	(*c*) M.	(*c*)	.20- .24- —
1870 Turk. in A	610	(*c*) M.	(*c*)	.24- .61- —
1870 Uruguay	610	(*c*) M.	(*c*)	1.01-1.01-1.01
1871 Cal	16	12 M.	60-60-60	2.00-2.00-2.00
1871 Del	190	19 M.	60-60-60	1.33-1.67-1.44
1871 Ill	16	265 M.	60-60-60	1.75-2.00-1.90
1871 La	16	100 M.	60-60-60	1.50-1.50-1.50
1871 Md	16	75 M.	60-60-60	1.25-1.50-1.37
1871 Md	190	14 M.	60-60-60	1.50-2.00-1.60
1871 Mass	16	10 M.	60-60-60	1.50-1.50-1.50
1871 Mass	190	97 M.	60-72-62	.90-2.00-1.57
1871 Mass	267	587 M.	*l* 48-72-60	1.30-2.08-1.70
1871 Mich	285	1 M.	(*c*)	1.75-1.75-1.75
1871 Minn	16	5 M.	60-60-60	1.25-1.25-1.25
1871 Mo	*16	25 M.	54-54-54	1.50-1.50-1.50
1871 N. H	190	5 M.	60-60-60	1.33-1.58-1.48
1871 N. H	190	2 M.	72-72-72	*a*.69- .69- .69
1871 N. J	190	7 M.	60-60-60	1.17-2.00-1.73
1871 N. Y	16	93 M.	60-60-60	1.50-2.00-1.87
1871 N. Y	190	210 M.	*h* 60-72-61	.75-2.50-1.65
1871 Ohio	16	6 M.	60-60-60	1.50-2.00-1.75
1871 Ohio	190	10 M.	60-60-60	1.75-1.75-1.75
1871 Pa	16	332 M.	54-54-54	1.50-1.50-1.50
1871 Pa	190	84 M.	60-60-60	1.00-1.83-1.33
1871 Pa	384	11 M.	(*c*)	1.05-1.75-1.11
1871 R. I	190	1 M.	72-72-72	.83- .83- .83
1871 Argentina	611	(*c*) M.	(*c*)	1.10-1.46- —
1871 Belgium	16	(*c*) M.	(*c*)	.44- .58- —
1871 Brazil	611	(*c*) M.	*n* 60-60-60	.43- .55- —
1871 Brazil	611	(*c*) F.	60-60-60	.24- .32- —
1871 England	16	(*c*) M.	55-55-55	1.16-1.16-1.16
1871 England	16	(*c*) M.	53-54 —	*i*.09- .10½- —
1871 England	568	(*c*) M.	*o* 58-72 —	.57- .97- —
1871 England	568	(*c*) F.	63-63-63	.37- .37- .37
1871 England	629	(*c*) (*c*)	*p* 57-60 —	.41-1.42- —
1871 England	629	(*c*) (*c*)	(*c*)	*g*.07½-.08½- —
1871 France	16	(*c*) M.	(*c*)	.39- .87- —
1871 France	17	(*c*) M.	(*c*)	.59- .82- —
1871 France	611	(*c*) (*c*)	*d* 60-60-60	.39- .58- —
1871 France	712	(*c*) M.	(*c*)	.77- .77- .77
1871 Germany	177	(*c*) M.	*j* 60-66 —	.43- .75- —
1871 Germany	185	(*c*) M.	(*c*)	.19- .66- —
1871 Germany	611	(*c*) M.	54-54-54	.15- .55- —
1871 Ireland	568	(*c*) M.	*q* 57-60 —	.41- .53- —
1871 Italy	611	(*c*) M.	(*c*)	.24- .73- —
1871 Italy	633	(*c*) M.	*f* 60-63 —	.31- .43- —
1871 Italy	635	(*c*) M.	(*c*)	.32- .32- .32
1871 Italy	636	(*c*) M.	(*c*)	.53- .53- .53
1871 Lux'burg	128	(*c*) (*c*)	(*c*)	.54- .54- .54

a And board.
b Not including hours of 2 persons not reported.
c Not reported.
d Applies to but 2 of the 4 wage quotations.
e Applies to but 2 of the 5 wage quotations.
f Applies to but 2 of the 3 wage quotations.
g Per hour.
h Not including hours of 1 person not reported.
i Per hour; hours at each rate not reported.
j Applies to but 6 of the 8 wage quotations.
k Applies to but 5 of the 7 wage quotations.
l Not including hours of 450 persons not reported.
n Applies to but 1 of the 3 wage quotations.
o Applies to but 12 of the 16 wage quotations.
p Applies to but 32 of the 51 wage quotations.
q Applies to but 7 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 Netherl'ds	611	(a) M.	60-90 —	0.34-1.01- —
1871 Norway ...	185	(a) (a)	(a)	.20- .53- —
1871 Persia.....	611	(a) M.	(a)	.08- .10- —
1871 Peru	165	(a) (a)	(a)	.92-1.84- —
1871 Peru	165	(a) (a)	(a)	b.71- .71- .71
1871 Scotland ..	568	(a) M.	57-60 —	.49- .73- —
1871 Spain	611	(a) M.	(a)	.39- .48- —
1871 Turkey....	611	(a) M.	(a)	.24- .41- —
1871 Turk. in A.	611	(a) (a)	(a)	.22- .30- —
1872 Cal.....	16	13 M.	60-60-60	2.00-2.00-2.00
1872 Conn.....	8	1 M.	60-60-60	2.00-2.00-2.00
1872 Conn.....	190	2 M.	60-60-60	1.75-2.00-1.88
1872 Del	190	11 M.	60-60-60	1.33-1.67-1.50
1872 Ill.....	16	322 M.	60-60-60	1.75-2.00-1.91
1872 La	16	100 M.	60-60-60	1.50-1.50-1.50
1872 Md	16	75 M.	60-60-60	1.25-1.50-1.37
1872 Md	190	17 M.	60-60-60	1.50-2.00-1.57
1872 Mass	16	16 M.	60-60-60	1.50-1.50-1.50
1872 Mass	190	108 M.	60-72-62	1.00-2.00-1.55
1872 Mass	268	1 M.	(a)	1.89-1.89-1.89
1872 Mich.....	8	3 M.	60-60-60	c1.00-1.00-1.00
1872 Mich.....	285	1 M.	(a)	1.75-1.75-1.75
1872 Minn	16	8 M.	60-60-60	1.25-1.25-1.25
1872 Mo.....	16	26 M.	54-60-54	1.50-1.50-1.50
1872 N. H	190	8 M.	60-60-60	1.00-1.58-1.36
1872 N. H	190	2 M.	72-72-72	c.69- .69- .69
1872 N. J	190	8 M.	60-60-60	1.83-2.00-1.96
1872 N. Y.....	16	132 M.	60-60-60	1.50-2.00-1.95
1872 N. Y.....	190	281 M.	d60-72-61	.63-2.50-1.58
1872 Ohio	16	6 M.	60-60-60	1.50-2.50-2.00
1872 Ohio	190	60 M.	60-60-60	1.75-1.75-1.75
1872 Ohio	359	2 M.	(a)	1.50-2.00-1.75
1872 Ohio	361	4 M.	(a)	1.50-2.83-2.08
1872 Pa	8	3 M.	54-54-54	1.50-1.50-1.50
1872 Pa	16	81 M.	54-54-54	1.50-1.50-1.50
1872 Pa	190	80 M.	60-60-60	1.17-2.00-1.35
1872 R. I	190	1 M.	72-72-72	.83- .83- .83
1872 S, C	7	7 M.	72-72-72	.75- .75- .75
1872 Belgium ..	16	(a) M.	(a)	.44- .58- —
1872 Belgium ..	185	(a) M.	e72-72-72	.19-1.44- —
1872 Belgium ..	456	(a) (a)	(a)	.47- .47- .47
1872 Belgium ..	598	(a) (a)	(a)	.48- .62- —
1872 Denmark .	185	(a) (a)	60-60-60	.35- .70- —
1872 England ..	16	(a) M.	55-55-55	1.16-1.16-1.16
1872 England ..	16	(a) M.	53-54 —	f.10½-.11½ —
1872 England ..	185	(a) M.	g54-72 —	.20- .89- —
1872 England ..	185	(a) F.	63-63-63	.20- .36- —
1872 England ..	575	(a) M.	66-66-66	.53- .53- .53
1872 France....	16	(a) M.	(a)	.39- .87- —
1872 France....	17	(a) M.	(a)	.59- .82- —
1872 France....	185	(a) M.	(a)	.49- .49- .49
1872 Germany .	76	(a) M.	54-60 —	.36- .57- —
1872 Germany .	166	(a) (a)	(a)	.25- .25- .25
1872 Germany .	177	(a) M.	h60-69 —	.48- .77- —
1872 Germany .	185	(a) M.	i60-84 —	.16- .77- —
1872 Ireland ...	185	(a) M.	j60-72 —	.24- .52- —
1872 Italy	185	(a) (a)	(a)	.29- .39- —
1872 Italy	633	(a) M.	k60-63 —	.31- .43- —
1872 Italy	635	(a) M.	(a)	.32- .32- .32
1872 Italy	636	(a) M.	(a)	.55- .55- .55
1872 Lux'burg .	128	(a) (a)	(a)	.56- .56- .56
1872 Netherl'ds	185	(a) (a)	60-90 —	.33-1.01- —
1872 Samoa	166	(a) (a)	(a)	1.00-1.50- —
1872 Scotland ..	185	(a) M.	51-60 —	0.48-0.81- —
1873 Cal.....	16	8 M.	60-60-60	2.00-2.00-2.00
1873 Conn.....	190	3 M.	60-60-60	1.00-2.00-1.67
1873 Del	190	10 M.	60-60-60	1.33-1.58-1.49
1873 Ill	16	312 M.	60-60-60	1.75-2.00-1.90
1873 La	16	100 M.	60-60-60	1.50-1.50-1.50
1873 Md.....	16	75 M.	60-60-60	1.25-1.50-1.37
1873 Md.....	190	12 M.	60-60-60	1.50-2.00-1.60
1873 Mass.....	16	20 M.	60-60-60	1.50-1.50-1.50
1873 Mass	190	96 M.	60-72-62	1.00-2.00-1.56
1873 Mass	269	3 M.	(a)	1.25-2.00-1.64
1873 Mich.....	285	1 M.	(a)	2.00-2.00-2.00
1873 Minn.....	16	8 M.	60-60-60	1.25-1.25-1.25
1873 Mo	16	29 M.	54-60-55	1.50-1.50-1.50
1873 N. H	190	8 M.	60-60-60	1.00-1.58-1.3o
1873 N. H	190	3 M.	72-72-72	c.69- .69- .69
1873 N. J	190	10 M.	60-60-60	1.75-2.00-1.95
1873 N. J	317	17 M.	(a)	1.67-1.67-1.67
1873 N. Y.....	16	116 M.	60-60-60	1.50-2.00-1.96
1873 N. Y.....	190	313 M.	d60-72-62	.88-3.50-1.65
1873 Ohio	16	12 M.	60-60-60	1.67-2.75-2.15
1873 Ohio	190	30 M.	60-60-60	1.50-1.50-1.50
1873 Pa	16	18 M.	54-60-58	1.50-1.75-1.67
1873 Pa	190	81 M.	60-60-60	1.25-2.00-1.40
1873 Pa	379	492 M.	(a)	1.50-2.00-1.54
1873 Pa	380	1 M.	(a)	1.25-1.25-1.25
1873 R. I	190	1 M.	72-72-72	.83- .83- .83
1873 Aust-Hun .	711	(a) M.	(a)	l.06½-.06½-.06½
1873 Belgium ..	16	(a) M.	(a)	.44- .58- —
1873 Belgium ..	456	(a) (a)	(a)	.50- .50- .50
1873 Belgium ..	598	(a) (a)	(a)	.51- .65- —
1873 Canada ...	185	(a) M.	(a)	.75-1.75- —
1873 Canada ...	185	(a) M.	(a)	c.38-1.25- —
1873 Denmark .	185	(a) (a)	(a)	.60- .60- .60
1873 England ..	16	(a) M.	55-55-55	1.16-1.16-1.16
1873 England ..	16	(a) M.	53-54 —	f.10½-.11½ —
1873 England ..	185	(a) M.	(a)	.10- .10- .10
1873 England ..	575	(a) M.	60-60-60	.57- .57- .57
1873 France....	16	(a) M.	(a)	.39- .87- —
1873 France....	17	(a) M.	(a)	.59- .82- —
1873 France....	185	(a) M.	(a)	.18- .42- —
1873 Germany..	76	(a) M.	54-60 —	.36- .57- —
1873 Germany..	177	(a) M.	h60-69 —	.48- .77- —
1873 Germany..	177	(a) M.	(a)	c.10- .10- .10
1873 Germany .	177	(a) F.	(a)	c.07½-.07½-.07½
1873 Germany .	185	(a) M.	p60-60-60	.48- .72- —
1873 Germany .	533	(a) M.	(a)	.24- .24- .24
1873 Germany .	711	(a) M.	(a)	l.04-.04½- —
1873 Greece	185	(a) (a)	(a)	.30- .66- —
1873 Italy	177	(a) M.	60-60-60	.27- .56- —
1873 Italy	177	(a) F.	60-60-60	.24- .25- —
1873 Italy	185	(a) M.	(a)	.32- .51- —
1873 Italy	633	(a) M.	q60-66 —	.25- .43- —
1873 Italy	635	(a) M.	(a)	.32- .32- .32
1873 Italy	636	(a) M.	(a)	.52- .52- .52
1873 Lux'burg .	128	(a) (a)	(a)	.58- .58- .58
1873 N. Found .	185	(a) M.	(a)	.37- .37- .37
1873 N. Found .	185	(a) M.	(a)	c1.00-1.00-1.00
1873 Russia	185	(a) (a)	(a)	c .38- .75- —

a Not reported.
b And found.
c And board.
d Not including hours of 1 person not reported.
e Applies to but 1 of the 13 wage quotations.
f Per hour; hours at each rate not reported.
g Applies to but 23 of the 33 wage quotations.
h Applies to but 6 of the 7 wage quotations.
i Applies to but 23 of the 31 wage quotations.
j Applies to but 8 of the 9 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Per hour.
n Applies to but 2 of the 5 wage quotations.
o And house.
p Applies to but 2 of the 3 wage quotations.
q Applies to but 3 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1873 Scotland	178	(a) M.	b72-72-72	0.70-0.84- —
1873 Sweden	167	(a) M.	66-72 —	.34- .54- —
1873 Sweden	167	(a) M.	60-60-60	c.27- .27- .27
1873 Switzerl'd.	185	(a) M.	(a)	.20- .65- —
1873 Switzerl'd.	185	(a) M.	(a)	d.40- .40- .40
1873 Switzerl'd.	711	(a) M.	(a)	.37- .55- —
1873 Switzerl'd.	714	(a) M.	e60-66 —	.50- .73- —
1873 Tripoli	185	(a) (a)	(a)	.18- .18- .18
1873 Tunis	185	(a) (a)	(a)	.40- .40- .40
1873 Tunis	185	(a) (a)	d.20- .29- —	
1874 Ala	185	10 M.	72-72-72	1.00-1.00-1.00
1874 Cal.	16	20 M.	60-60-60	2.00-2.00-2.00
1874 Conn.	190	2 M.	60-60-60	2.00-2.00-2.00
1874 Del.	190	21 M.	60-60-60	1.17-1.83-1.42
1874 Ill.	16	204 M.	60-60-60	1.75-2.00-1.75
1874 Ill.	185	1198 M.	(a)	1.00-2.22-1.47
1874 Ind	185	511 M.	(a)	1.47-1.73-1.72
1874 Iowa	185	18 M.	(a)	1.53-1.53-1.53
1874 La	16	100 M.	60-60-60	1.50-1.50-1.50
1874 Md.	16	70 M.	60-60-60	1.25-1.50-1.27
1874 Md.	190	11 M.	60-60-60	1.50-2.00-1.61
1874 Mass.	16	23 M.	60-60-60	1.42-1.50-1.50
1874 Mass.	190	106 M.	60-72-62	1.00-2.00-1.49
1874 Mich.	285	1 M.	(a)	1.35-1.35-1.35
1874 Minn	16	10 M.	60-60-60	1.25-1.25-1.25
1874 Mo.	16	32 M.	54-60-55	1.50-1.50-1.50
1874 N. H	190	4 M.	60-60-60	1.25-1.58-1.46
1874 N. H	190	1 M.	72-72-72	d.69- .69- .69
1874 N. J	190	5 M.	60-60-60	1.50-2.00-1.88
1874 N. Y.	16	112 M.	60-60-60	1.30-2.00-1.86
1874 N. Y.	190	276 M.	f60-72-62	.75-3.00-1.66
1874 Ohio	16	12 M.	60-60-60	1.16-2.00-1.82
1874 Ohio	190	30 M.	60-60-60	1.50-1.50-1.50
1874 Pa	16	131 M.	54-60-54	1.50-1.80-1.51
1874 Pa	185	575 (a)	54-60-59	1.40-1.50-1.49
1874 Pa	190	79 M.	60-60-60	1.17-1.75-1.45
1874 Pa	380	5279 M.	(a)	.75-2.05-1.38
1874 R. I	190	1 M.	72-72-72	.83- .83- .83
1874 Va	16	28 M.	60-60-60	1.00-1.00-1.00
1874 Belgium	16	(a) M.	(a)	.44- .58- —
1874 Belgium	456	(a) (a)	(a)	.51- .51- .51
1874 Belgium	598	(a) (a)	(a)	.52- .66- —
1874 Br. India	459	(a) M.	(a)	.06½- .13- —
1874 Canada	185	(a) M.	g59-60 —	1.00-1.67- —
1874 Corsica	505	(a) M.	(a)	.34- .34- .34
1874 Dutch E. I.	651	(a) (a)	(a)	.08- .32- —
1874 England	16	(a) M.	55-55-55	1.16-1.16-1.16
1874 England	16	(a) M.	53-54 —	h.10½-.11½- —
1874 England	185	(a) M.	i54-54-54	.32-1.08- —
1874 England	569	(a) M.	j53-60 —	.65-1.18- —
1874 England	575	(a) M.	60-60-60	.61- .61- .61
1874 France	16	(a) M.	(a)	.39- .87- —
1874 France	17	(a) M.	(a)	.59- .82- —
1874 France	505	(a) M.	(a)	.24- .77- —
1874 Germany	76	(a) M.	54-60 —	.46- .71- —
1874 Germany	177	(a) M.	60-66 —	.65- .79- —
1874 Germany	177	(a) M.	(a)	d.10- .10- .10
1874 Germany	177	(a) F.	(a)	d.07½-.07½-.07½
1874 Germany	177	(a) (a)	k60-69 —	.35- .48- —
1874 Germany	185	(a) M.	(a)	.47- .80- —
1874 Ireland	185	(a) M.	(a)	.62- .62- .62
1874 Ireland	569	(a) M.	l55-60 —	.16- .73- —
1874 Italy	633	(a) M.	n60-63 —	.31- .43- —
1874 Italy	635	(a) M.	(a)	0.32-0.32-0.32
1874 Italy	636	(a) M.	(a)	.52- .52- .52
1874 Lux'burg	128	(a) (a)	(a)	.62- .62- .62
1874 Scotland	177	(a) M.	51-51-51	.67- .83- —
1874 Scotland	185	(a) M.	51-51-51	.65- .73- —
1874 Scotland	569	(a) M.	51-58 —	.57- .89- —
1874 Wales	185	(a) M.	(a)	.80-1.92- —
1875 Cal.	8	6 M.	60-60-60	1.50-1.50-1.50
1875 Cal.	16	10 M.	60-60-60	2.00-2.00-2.00
1875 Conn.	190	4 M.	60-60-60	1.50-2.00-1.75
1875 Del	190	16 M.	60-60-60	1.00-1.50-1.31
1875 Ill.	16	188 M.	60-60-60	1.50-1.75-1.75
1875 La	16	200 M.	60-60-60	1.75-1.75-1.75
1875 Me	8	3 M.	72-72-72	1.50-1.75-1.67
1875 Md.	16	70 M.	60-60-60	1.25-1.50-1.27
1875 Md.	190	11 M.	60-60-60	1.33-2.00-1.47
1875 Mass	8	1 M.	60-60-60	1.25-1.25-1.25
1875 Mass	16	30 M.	60-60-60	1.42-1.50-1.49
1875 Mass	190	121 M.	60-72-61	1.00-2.00-1.43
1875 Mass	270	6 M.	(a)	1.31-1.31-1.31
1875 Mich.	285	1 M.	(a)	1.35-1.35-1.35
1875 Minn	16	10 M.	60-60-60	1.25-1.25-1.25
1875 Mo.	16	34 M.	54-60-56	1.50-1.50-1.50
1875 N. H	190	3 M.	60-60-60	1.33-1.50-1.44
1875 N. H	190	2 M.	72-72-72	d.69- .69- .69
1875 N. J	190	6 M.	60-60-60	.75-2.00-1.67
1875 N. Y.	16	118 M.	60-60-60	1.40-1.75-1.65
1875 N. Y.	190	292 M.	f60-72-62	.63-2.75-1.48
1875 Ohio	16	12 M.	60-60-60	1.33-1.83-1.71
1875 Ohio	190	32 M.	60-60-60	1.50-1.50-1.50
1875 Pa	16	43 M.	54-60-55	1.50-1.70-1.52
1875 Pa	190	64 M.	60-60-60	1.00-1.83-1.39
1875 Pa	380	(o) M.	p72-72-72	1.00-2.14-1.59
1875 R. I	190	1 M.	72-72-72	.92- .92- .92
1875 Va	16	52 M.	60-60-60	1.00-1.00-1.00
1875 Argentina	169	(a) M.	(a)	.80-1.20- —
1875 Belgium	16	(a) M.	(a)	.44- .58- —
1875 Belgium	169	(a) M.	(a)	.74- .74- .74
1875 Belgium	456	(a) (a)	(a)	.51- .51- .51
1875 Belgium	598	(a) (a)	(a)	.52- .66- —
1875 Br. India	459	(a) (a)	(a)	.06½- .12- —
1875 Chile	184	(a) M.	(a)	.70- .70- .70
1875 England	16	(a) M.	55-55-55	1.16-1.16-1.16
1875 England	16	(a) M.	53-54 —	h.10½-.11½- —
1875 England	575	(a) M.	60-60-60	.61- .61- .61
1875 France	16	(a) M.	(a)	.39- .87- —
1875 France	17	(a) M.	(a)	.59- .82- —
1875 France	177	(a) M.	(a)	.70- .80- —
1875 Germany	177	(a) M.	q60-69 —	.41- .81- —
1875 Germany	177	(a) M.	(a)	d.10- .10- .10
1875 Germany	177	(a) F.	(a)	d.07½-.07½-.07½
1875 Ireland	169	(a) M.	60-60-60	.60-1.20- —
1875 Italy	633	(a) M.	r60-66 —	.35- .43- —
1875 Italy	635	(a) M.	(a)	.35- .35- .35
1875 Italy	636	(a) M.	(a)	.53- .53- .53
1875 Japan	169	(a) (a)	(a)	.19- .19- .19
1875 Lux'burg	128	(a) (a)	(a)	.64- .64- .64
1875 Norway	686	(a) M.	(a)	.50- .73- —
1875 Norway	686	(a) F.	(a)	.28- .28- .28
1875 Scotland	177	(a) M.	51-51-51	.67- .83- —
1875 Spain	169	(a) (a)	(a)	.40- .50- —
1875 Turkey	169	(a) F.	(a)	.12- .20- —
1875 Turkey	169	(a) (a)	(a)	.11- .11- .11

a Not reported.
b Applies to but 4 of the 5 wage quotations.
c And rent, fuel, etc.
d And board.
e Applies to but 6 of the 9 wage quotations.
f Not including hours of 1 person not reported.
g Applies to but 11 of the 13 wage quotations.
h Per hour; hours at each rate not reported.
i Applies to but 2 of the 6 wage quotations.
j Applies to but 13 of the 14 wage quotations.
k Applies to but 2 of the 3 wage quotations.
l Applies to but 7 of the 9 wage quotations.
n Applies to but 2 of the 4 wage quotations.
o 12,562 employees.
p Not including hours of 12,538 persons not reported.
q Applies to but 5 of the 6 wage quotations.
r Applies to but 4 of the 6 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1876 Cal.	8	4 M.	60-60-60	1.00-1.50-1.25
1876 Cal.	16	18 M.	60-60-60	2.00-2.00-2.00
1876 Conn.	190	2 M.	60-60-60	1.20-1.84-1.52
1876 Del.	8	1 M.	60-60-60	1.50-1.50-1.50
1876 Del.	190	24 M.	60-60-60	1.17-1.50-1.31
1876 Ill.	16	193 M.	60-60-60	1.50-1.60-1.60
1876 La	16	200 M.	60-60-60	1.75-1.75-1.75
1876 Md	16	70 M.	60-60-60	1.25-1.50-1.27
1876 Md	190	15 M.	60-60-60	1.15-2.00-1.32
1876 Mass	16	10 M.	60-60-60	1.50-1.50-1.50
1876 Mass	190	113 M.	60-72-61	.90-1.83-1.37
1876 Mich	285	1 M.	(a)	1.35-1.35-1.35
1876 Minn	16	10 M.	60-60-60	1.25-1.25-1.25
1876 Mo	16	46 M.	54-60-57	1.50-1.50-1.50
1876 N. H	7	4 M.	66-66-66	1.35-1.50-1.39
1876 N. H	190	1 M.	60-60-60	1.50-1.50-1.50
1876 N. H	190	2 M.	72-72-72	b .69- .69- .69
1876 N. J	190	4 M.	60-60-60	1.50-2.00-1.81
1876 N. Y.	16	98 M.	60-60-60	1.40-1.60-1.48
1876 N. Y.	190	234 M.	60-72-62	.56-2.75-1.49
1876 Ohio	16	10 M.	60-60-60	1.67-1.83-1.69
1876 Ohio	190	32 M.	60-60-60	1.50-1.50-1.50
1876 Pa	16	140 M.	54-60-54	1.50-1.60-1.50
1876 Pa	190	63 M.	60-60-60	1.00-1.83-1.33
1876 Pa	381	(c) M.	d48-60-59	.65-4.00-1.51
1876 Pa	382	419 M.	(a)	.90-2.00-1.26
1876 Pa	382	178 M.	(a)	e .14- .14- .14
1876 R. I	190	1 M.	72-72-72	.92- .92- .92
1876 S. C	7	18 M.	66-66-66	.50- .83- .66
1876 Va	16	25 M.	60-60-60	.83- .83- .83
1876 Australia	171	(a) M.	f48-48-48	1.01-2.43- —
1876 Belgium	16	(a) M.	(a)	.44- .58- —
1876 Belgium	456	(a) (a)	(a)	.54- .54- .54
1876 Belgium	598	(a) (a)	(a)	.55- .64- —
1876 Br. India	459	(a) M.	(a)	.06½- .12- —
1876 Chile	184	(a) (a)	(a)	.60- .70- —
1876 England	16	(a) M.	55-55-55	1.16-1.16-1.16
1876 England	16	(a) M.	53-54 —	g .10½-.11½- —
1876 England	170	(a) M.	54-54-54	.97-1.05- —
1876 England	575	(a) M.	60-60-60	.61- .61- .61
1876 France	16	(a) M.	(a)	.39- .87- —
1876 France	17	(a) M.	(a)	.59- .82- —
1876 Germany	177	(a) M.	(a)	.43- .45- —
1876 Germany	177	(a) M.	(a)	b .10- .10- .10
1876 Germany	177	(a) F.	(a)	b .07½-.07½-.07½
1876 Italy	633	(a) M.	h60-66 —	.25- .43- —
1876 Italy	635	(a) M.	(a)	.35- .35- .35
1876 Italy	636	(a) M.	(a)	.56- .56- .56
1876 Lux'burg	128	(a) (a)	(a)	.65- .65- .65
1876 Scotland	177	(a) M.	51-51-51	.67- .83- —
1877 Cal.	16	11 M.	60-60-60	2.00-2.00-2.00
1877 Conn.	190	1 M.	60-60-60	1.50-1.50-1.50
1877 Del.	190	20 M.	60-60-60	1.17-1.50-1.34
1877 Ill.	16	109 M.	60-60-60	1.50-1.50-1.50
1877 La	16	100 M.	60-60-60	1.50-1.50-1.50
1877 Me	7	6 M.	66-66-66	.75-1.25- .97
1877 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1877 Md	190	15 M.	60-60-60	1.00-1.83-1.19
1877 Mass	16	17 M.	60-60-60	1.25-1.50-1.47
1877 Mass	190	97 M.	60-72-61	.85-1.90-1.30
1877 Mich	285	1 M.	(a)	1.35-1.35-1.35
1877 Minn	16	10 M.	60-60-60	1.25-1.25-1.25
1877 Mo	16	48 M.	54-60-57	1.50-1.50-1.50
1877 N. H	190	2 M.	72-72-72	b0.69-0.69-0.69
1877 N. J	190	3 M.	60-60-60	1.75-2.00-1 92
1877 N. J	317	179 M.	i60-67-64	1.00-2.00-1.26
1877 N. Y.	16	245 M.	60-60-60	1.12-1.60-1.27
1877 N. Y.	190	223 M.	60-72-62	.65-2.50-1.34
1877 Ohio	16	10 M.	60-60-60	1.50-1.83-1.58
1877 Ohio	190	34 M.	60-60-60	1.50-1.50-1.50
1877 Ohio	359	3289 M.	j60-84-77	.80-2.13-1.21
1877 Pa	16	141 M.	54-60-54	1.25-1.50-1.39
1877 Pa	190	76 M.	60-60-60	.83-1.83-1.26
1877 Pa	382	(k) M.	l42-72-58	.80-2.25-1.51
1877 Pa	382	11 M.	(a)	e .11- .11- .11
1877 R. I	190	1 M.	72-72-72	.92- .92- .92
1877 Va	16	28 M.	60-60-60	1.00-1.00-1.00
1877 Belgium	16	(a) M.	(a)	.44- .58- —
1877 Belgium	456	(a) (a)	(a)	.52- .52- .52
1877 Belgium	598	(a) (a)	(a)	.53- .63- —
1877 Br. India	459	(a) M.	(a)	.07- .07½- —
1877 Br. India	459	(a) (a)	(a)	.06½-.10- —
1877 Dutch E. I.	651	(a) (a)	(a)	.06- .39- —
1877 England	16	(a) M.	55-55-55	1.16-1.16-1.16
1877 England	16	(a) M.	53-54 —	g .10½-.11½- —
1877 England	45	(a) M.	(a)	.69- .89- —
1877 England	570	(a) M.	n40-72 —	.41-1.58- —
1877 England	570	(a) M.	(a)	e .10- .14- —
1877 England	570	(a) F.	57-57-57	.61- .61- .61
1877 England	575	(a) M.	60-60-60	.61- .61- .61
1877 France	16	(a) M.	(a)	.39- .87- —
1877 France	17	(a) M.	(a)	.59- .82- —
1877 Germany	177	(a) M.	(a)	.33- .82- —
1877 Germany	177	(a) M.	(a)	e .05- .05- .05
1877 Germany	177	(a) M.	(a)	b .10- .10- .10
1877 Germany	177	(a) F.	(a)	.38- .50- —
1877 Germany	177	(a) F.	(a)	b .07½-.07½-.07½
1877 Gr't Brit	605	(a) M.	(a)	.89- .89- .89
1877 Ireland	570	(a) M.	o54-84 —	.49-1.03- —
1877 Italy	177	(a) M.	(a)	.40- .40- .40
1877 Italy	633	(a) M.	p60-66 —	.37- .48- —
1877 Italy	635	(a) M.	(a)	.35- .35- .35
1877 Italy	636	(a) M.	(a)	.55- .55- .55
1877 Lux'burg	128	(a) (a)	(a)	.65- .65- .65
1877 St. Thomas	26	(a) (a)	(a)	e .10- .10- .10
1877 Scotland	177	(a) M.	51-51-51	.67- .83- —
1877 Scotland	570	(a) M.	q51-56 —	.49-1.14- —
1878 Cal.	16	12 M.	60-60-60	2.00-2.00-2.00
1878 Conn.	7	9 M.	72-72-72	1.00-1.75-1.50
1878 Conn.	190	1 M.	60-60-60	1.20-1.20-1.20
1878 Del.	190	12 M.	60-60-60	1.17-1.50-1.34
1878 Ill.	16	117 M.	60-60-60	1.38-1.50-1.50
1878 La	16	100 M.	60-60-60	1.50-1.50-1.50
1878 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1878 Md	190	12 M.	60-60-60	1.00-1.83-1.21
1878 Mass	16	21 M.	60-60-60	1.50-1.50-1.50
1878 Mass	190	99 M.	60-72-61	1.00-1.90-1.26
1878 Mich	285	1 M.	(a)	1.35-1.35-1.35
1878 Minn	16	12 M.	60-60-60	1.25-1.50-1.35
1878 Mo	16	60 M.	54-60-58	1.50-1.50-1.50
1878 N. H	285	3 M.	60-60-60	1.25-1.25-1.25
1878 N. H	190	2 M.	72-72-72	b .69- .69- .69
1878 N. J	190	3 M.	60-60-60	1.33-2.00-1.69
1878 N. J	317	17 M.	(a)	1.08-1.08-1.08
1878 N. Y.	16	212 M.	60-60-60	1.10-1.80-1.18
1878 N. Y.	190	199 M.	60-72-62	.65-2.25-1.33

a Not reported.
b And board.
c 16,055 employees.
d Not including hours of 13,704 persons not reported.
e Per hour.
f Applies to but 2 of the 6 wage quotations.
g Per hour; hours at each rate not reported.
h Applies to but 3 of the 4 wage quotations.
i Not including hours of 145 persons not reported.
j Not including hours of 2,372 persons not reported.
k 11,873 employees.
l Not including hours of 5,008 persons not reported.
n Applies to but 79 of the 89 wage quotations.
o Applies to but 7 of the 9 wage quotations.
p Applies to but 3 of the 5 wage quotations.
q Applies to but 14 of the 17 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1878 Ohio	16	11 M.	60-60-60	1.25-1.67-1.40
1878 Ohio	190	40 M.	60-60-60	1.25-1.25-1.25
1878 Ohio	360	2268 M.	a54-72-60	.83-1.67-1.18
1878 Pa	16	201 M.	54-60-54	1.25-1.45-1.25
1878 Pa	190	85 M.	60-60-60	.83-2.00-1.16
1878 Pa	383	(b) M.	c45-72-60	.70-2.50-1.30
1878 Pa	383	3 M.	(d)	e.12- .12- .12
1878 R. I	190	1 M.	72-72-72	.92- .92- .92
1878 Va	16	65 M.	60-60-60	.83- .83- .83
1878 Australia	177	(d) M.	f48-48-48	1.31-1.70- —
1878 Belgium	16	(d) M.	(d)	.44- .58- —
1878 Belgium	456	(d) (d)	(d)	.51- .51- .51
1878 Belgium	598	(d) (d)	(d)	.52- .58- —
1878 Br. India	459	(d) M.	(d)	.07- .07½- —
1878 Br. India	459	(d) (d)	(d)	.06½-.20- —
1878 Canada	177	(d) M.	(d)	.90-1.25- —
1878 England	16	(d) M.	55-55-55	1.16-1.16-1.16
1878 England	16	(d) M.	53-54 —	g.10½-.11½- —
1878 England	43	(d) (d)	(d)	.65-1.03- —
1878 England	43	(d) (d)	(d)	e.12- .12- .12
1878 England	177	(d) M.	h54-72 —	.56-1.22- —
1878 England	178	(d) M.	i60-60-60	.66-1.06- —
1878 England	575	(d) M.	60-60-60	.61- .61- .61
1878 France	16	(d) M.	(d)	.39- .87- —
1878 France	17	(d) M.	(d)	.59- .82- —
1878 France	33	(d) (d)	(d)	.73- .73- .73
1878 France	177	(d) M.	(d)	.45- .70- —
1878 Germany	177	(d) M.	j54-69 —	.40- .85- —
1878 Germany	177	(d) M.	(d)	k.10- .10- .10
1878 Germany	177	(d) F.	f60-60-60	.25- .45- —
1878 Germany	177	(d) F.	(d)	k.07½-.07½-.07½
1878 Germany	544	(d) M.	(d)	e.07- .09- —
1878 Ireland	177	(d) M.	(d)	.67- .67- .67
1878 Italy	177	(d) M.	l60-60-60	.32- .60- —
1878 Italy	177	(d) M.	(d)	m.46- .46- .46
1878 Italy	177	(d) F.	60-60-60	.25- .26- —
1878 Italy	633	(d) M.	n60-66 —	.25- .48- —
1878 Italy	635	(d) M.	(d)	.35- .35- .35
1878 Italy	636	(d) M.	(d)	.52- .52- .52
1878 Liberia	172	(d) (d)	(d)	k.12- .31- —
1878 Lux'burg	128	(d) (d)	(d)	.65- .65- .65
1878 Madagas	172	(d) (d)	(d)	o.06- .12- —
1878 Netherl'ds	177	(d) M.	(d)	.40- .60- —
1878 Scotland	177	(d) M.	p51-72 —	.50-1.25- —
1878 Spain	177	(d) M.	(d)	.40- .60- —
1878 Switzerl'd	172	(d) M.	60-60-60	.50-1.75- —
1878 Switzerl'd	172	(d) F.	60-60-60	.30- .50- —
1878 Wales	177	(d) M.	(d)	.66- .90- —
1879 Cal	16	23 M.	60-60-60	2.00-2.00-2.00
1879 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1879 Del	190	8 M.	60-60-60	1.00-1.50-1.32
1879 Ill	16	185 M.	60-60-60	1.38-1.50-1.49
1879 La	16	100 M.	60-60-60	1.50-1.50-1.50
1879 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1879 Md	190	11 M.	60-60-60	1.00-1.67-1.16
1879 Mass	16	28 M.	60-60-60	1.25-1.50-1.40
1879 Mass	190	104 M.	60-72-61	1.00-1.75-1.21
1879 Mich	285	1 M.	(d)	1.35-1.35-1.35
1879 Minn	16	12 M.	60-60-60	1.25-1.50-1.35
1879 Mo	16	55 M.	54-60-57	1.50-1.50-1.50
1879 Mo	293	129 M.	45-72-60	.75-1.73-1.21
1879 N. H	190	6 M.	60-60-60	1.00-1.25-1.19
1879 N. H	190	2 M.	72-72-72	k.69- .69- .69
1879 N. J	190	11 M.	60-60-60	1.33-2.00-1.52
1879 N. J	318	49 (d)	q46-78-60	.75-2.00-1.12
1879 N. Y	16	263 M.	60-60-60	1.25-1.70-1.31
1879 N. Y	190	228 M.	60-72-62	.45-2.25-1.19
1879 Ohio	16	11 M.	60-60-60	1.25-1.50-1.36
1879 Ohio	190	40 M.	60-60-60	1.25-1.25-1.25
1879 Ohio	361	2311 M.	(d)	.88-1.80-1.26
1879 Pa	16	93 M.	54-60-54	1.25-1.45-1.25
1879 Pa	190	101 M.	60-60-60	1.00-1.83-1.16
1879 Pa	384	(r) M.	s42-84-58	.50-2.59-1.27
1879 Pa	384	1 M.	(d)	k.75- .75- .75
1879 Pa	384	18 M.	(d)	t.77- .77- .77
1879 R. I	190	1 M.	72-72-72	.92- .92- .92
1879 Va	16	45 M.	60-60-60	1.00-1.00-1.00
1879 Belgium	16	(d) M.	(d)	.44- .58- —
1879 Belgium	456	(d) (d)	(d)	.49- .49- .49
1879 Belgium	598	(d) (d)	(d)	.50- .59- —
1879 Br. India	459	(d) M.	(d)	.07- .07½- —
1879 Br. India	459	(d) (d)	(d)	.07- .20- —
1879 Canada	177	(d) M.	(d)	e.11- .24- —
1879 England	16	(d) M.	55-55-55	.93- .93- .93
1879 England	16	(d) M.	53-54 —	g.10½-.11½- —
1879 England	178	(d) M.	(d)	.32- .73- —
1879 England	178	(d) F.	(d)	.24- .24- .24
1879 England	575	(d) M.	60-60-60	.57- .57- .57
1879 France	16	(d) M.	(d)	.39- .87- —
1879 France	17	(d) M.	(d)	.59- .82- —
1879 Germany	76	(d) M.	60-66 —	.54- .71- —
1879 Germany	545	(d) M.	u60-60-60	.36-1.07- —
1879 Italy	633	(d) M.	t60-60-60	.37- .48- —
1879 Italy	635	(d) M.	(d)	.35- .35- .35
1879 Italy	636	(d) M.	(d)	.47- .47- .47
1879 Lux'burg	128	(d) (d)	(d)	.65- .65- .65
1880 Ala	334	2239 (d)	(d)	1.20-1.47-1.29
1880 Cal	16	10 M.	60-60-60	2.00-2.00-2.00
1880 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1880 Ga	7	18 M.	60-69-67	.67-2.00- .93
1880 Ill	16	233 M.	60-60-60	1.38-1.60-1.59
1880 Ill	205	1225 M.	v44-70-57	.96-1.44-1.12
1880 Ky	7	6 M.	60-60-60	1.00-1.00-1.00
1880 Ky	334	340 (d)	(d)	1.03-1.03-1.03
1880 La	16	75 M.	60-60-60	1.50-1.50-1.50
1880 Me	271	1 (d)	66-66-66	1.00-1.00-1.00
1880 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1880 Md	190	13 M.	60-60-60	1.12-1.67-1.21
1880 Mass	7	10 M.	60-60-60	1.10-1.50-1.44
1880 Mass	8	4 M.	60-60-60	1.25-1.50-1.44
1880 Mass	16	33 M.	60-60-60	1.25-1.50-1.49
1880 Mass	190	140 M.	60-72-61	75-1.75-1.18
1880 Mich	285	1 M.	(d)	55-1.55-1.55
1880 Mich	334	6103 (d)	(d)	1.60-1.73-1.67
1880 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1880 Minn	334	1089 (d)	(d)	1.90-1.96-1.93
1880 Mo	16	60 M.	54-60-58	1.50-1.50-1.50
1880 Mo	334	383 (d)	(d)	1.20-1.36-1.23
1880 N. H	190	6 M.	60-60-60	1.00-1.25-1.19
1880 N. H	190	2 M.	72-72-72	k.69- .69- .69
1880 N. H	271	2 (d)	66-66-66	1.00-1.10-1.05
1880 N. J	190	6 M.	60-60-60	1.33-1.75-1.53

a Not including hours of 2,215 persons not reported.
b 11,094 employees.
c Not including hours of 7,244 persons not reported.
d Not reported.
e Per hour.
f Applies to but 2 of the 4 wage quotations.
g Per hour; hours at each rate not reported.
h Applies to but 14 of the 41 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 5 of the 21 wage quotations.
k And board.
l Applies to but 3 of the 8 wage quotations.
m And lodging.
n Applies to but 3 of the 4 wage quotations.
o And a daily ration.
p Applies to but 14 of the 23 wage quotations.
q Not including hours of 4 persons not reported.
r 18,879 employees.
s Not including hours of 9,099 persons not reported.
t And rent.
u Applies to but 1 of the 9 wage quotations.
v Not including hours of 1,128 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1880 N. J	319	102 (a)	54-84-61	0.90-1.90-1.21
1880 N. J	334	642 (a)	(a)	1.21-1.24-1.23
1880 N. Y	7	16 M.	52-72-58	1.08-2.00-1.47
1880 N. Y	16	320 M.	60-60-60	1.25-1.70-1.34
1880 N. Y	190	288 M.	*b* 60-72-62	.63-2.00-1.24
1880 N. Y	334	1643 (a)	(a)	1.20-1.37-1.26
1880 Ohio	8	1 M.	60-60-60	2.00-2.00-2.00
1880 Ohio	16	16 M.	60-60-60	1.25-1.67-1.39
1880 Ohio	190	40 M.	60-60-60	1.25-1.25-1.25
1880 Ohio	334	815 (a)	(a)	1.03-1.25-1.05
1880 Ohio	362	2250 M.	*c* 60-84-77	1.00-1.83-1.27
1880 Pa	7	61 M.	*d* 50-60-60	.75-2.00-1.38
1880 Pa	16	50 M.	54-60-55	1.25-1.45-1.26
1880 Pa	190	113 M.	60-60-60	1.00-1.83-1.26
1880 Pa	334	2815 (a)	(a)	1.10-1.12-1.10
1880 Pa	385	9 M.	*b* 60-72-64	.93-1.45-1.14
1880 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1880 R. I	271	4 (a)	66-72-68	1.00-1.25-1.09
1880 Tenn	334	1182 (a)	(a)	1.00-1.05-1.05
1880 Tex	334	82 (a)	(a)	.53- .53- .53
1880 Va	7	8 M.	61-61-61	1.00-1.25-1.16
1880 Va	16	80 M.	60-60-60	1.00-1.00-1.00
1880 W. Va	7	1 M.	60-60-60	1.50-1.50-1.50
1880 Wis	334	802 (a)	(a)	1.68-1.81-1.74
1880 Belgium	16	(a) M.	(a)	.44- .58- —
1880 Belgium	456	(a) (a)	(a)	.49- .49- .49
1880 Belgium	598	(a) (a)	(a)	.50- .60- —
1880 Belgium	632	(a) M.	(a)	.50- .65- —
1880 Br. India	459	(a) M.	(a)	.06- .07- —
1880 Br. India	459	(a) (a)	(a)	.07½- .18- —
1880 Canada	21	(a) (a)	(a)	1.00-1.00-1.00
1880 China	21	(a) (a)	(a)	.05- .30- —
1880 Dutch E. I	651	(a) (a)	(a)	.08- .80- —
1880 England	16	(a) M.	55-55-55	.93- .93- .93
1880 England	16	(a) M.	53-54 —	*e* .12½-.13½- —
1880 England	571	(a) M.	*f* 50-66 —	.22-1.24- —
1880 England	571	(a) M.	(a)	*g* .05- .12- —
1880 England	575	(a) M.	60-60-60	.57- .57- .57
1880 France	16	(a) M.	(a)	.39- .87- —
1880 France	17	(a) M.	(a)	.59- .82- —
1880 Germany	23	(a) (a)	54-72 —	.30- .67- —
1880 Ireland	571	(a) M.	*h* 58-58-58	.65- .73- —
1880 Italy	633	(a) M.	*i* 60-66 —	.27- .48- —
1880 Italy	635	(a) M.	(a)	.35- .35- .35
1880 Italy	636	(a) M.	(a)	.53- .53- .53
1880 Japan	21	(a) (a)	(a)	.10- .16- —
1880 Lux'burg	128	(a) (a)	(a)	.65- .65- .65
1880 Mexico	41	(a) (a)	(a)	.25- .38- —
1880 Norway	686	(a) M.	(a)	.42- .59- —
1880 Norway	686	(a) F.	(a)	.26- .32- —
1880 Norway	688	(a) M.	(a)	.38- .42- —
1880 Norway	688	(a) M.	(a)	*j* .17- .27- —
1880 Russia	21	(a) M.	(a)	.40-1.00- —
1880 Russia	21	(a) M.	(a)	*j* .25- .25- .25
1880 Scotland	571	(a) M.	*k* 51-60 —	.32-1.07- —
1880 Sweden	21	(a) (a)	(a)	.40- .54- —
1880 Switzerl'd	21	(a) (a)	66-66-66	.57- .57- .57
1880 Wales	571	(a) M.	54-60 —	.24- .85- —
1881 Cal	16	29 M.	60-60-60	2.00-2.00-2.00
1881 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1881 Del	190	15 M.	60-60-60	1.00-1.54-1.28
1881 Ga	7	3 M.	66-66-66	.90-1.17-1.08
1881 Ill	2	1000 M.	54-60-55	1.15-1.50-1.26
1881 Ill	16	222 M.	60-60-60	1.38-1.60-1.59
1881 Ind	2	148 M.	*l* 60-60-60	1.00-1.35-1.25
1881 Ky	2	125 M.	60-60-60	1.10-1.10-1.10
1881 La	16	100 M.	60-60-60	1.50-1.50-1.50
1881 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1881 Md	190	21 M.	60-60-60	1.16-1.67-1.29
1881 Mass	2	55 M.	60-60-60	1.25-1.25-1.25
1881 Mass	7	5 M.	60-60-60	.92-1.50-1.13
1881 Mass	16	5 M.	60-60-60	1.50-1.50-1.50
1881 Mass	190	221 M.	60-72-60	.65-2.00-1.22
1881 Mich	7	12 M.	60-60-60	1.25-1.25-1.25
1881 Mich	285	1 M.	(a)	1.50-1.50-1.50
1881 Minn	2	25 M.	66-66-66	1.50-1.50-1.50
1881 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1881 Mo	2	36 M.	60-60-60	1.15-1.25-1.20
1881 Mo	16	55 M.	54-60-57	1.50-1.50-1.50
1881 N. H	190	6 M.	60-60-60	1.00-1.30-1.20
1881 N. H	190	3 M.	72-72-72	*j* .75- .75- .75
1881 N. J	190	6 M.	60-60-60	1.50-1.75-1.54
1881 N. J	320	244 M.	*n* 60-72-61	1.00-1.50-1.23
1881 N. Y	8	3 M.	54-60-56	.75- .83- .78
1881 N. Y	16	441 M.	60-60-60	1.40-2.00-1.59
1881 N. Y	190	342 M.	*b* 60-72-62	.50-2.25-1.34
1881 Ohio	2	68 M.	60-60-60	1.25-2.10-1.84
1881 Ohio	8	1 M.	60-60-60	1.25-1.25-1.25
1881 Ohio	16	16 M.	60-60-60	1.25-1.83-1.51
1881 Ohio	190	40 M.	60-60-60	1.25-1.25-1.25
1881 Ohio	363	3355 M.	*o* 48-84-61	.75-2.25-1.33
1881 Pa	2	648 M.	54-80-60	1.15-1.25-1.23
1881 Pa	16	70 M.	54-60-55	1.25-1.30-1.26
1881 Pa	190	118 M.	60-60-60	1.00-1.83-1.25
1881 Pa	386	4 M.	54-66-59	1.00-1.50-1.30
1881 R. I	7	1 M.	66-66-66	1.06-1.06-1.06
1881 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1881 Va	2	1500 M.	60-69-65	1.00-1.00-1.00
1881 Va	16	97 M.	60-60-60	1.00-1.00-1.00
1881 Wis	2	1197 M.	65-71-68	1.25-1.67-1.53
1881 Australia	431	(a) (a)	(a)	.36-1.70- —
1881 Australia	431	(a) (a)	(a)	*g* .15- .20- —
1881 Belgium	16	(a) M.	(a)	.44- .58- —
1881 Belgium	456	(a) (a)	(a)	.49- .49- .49
1881 Belgium	598	(a) (a)	(a)	.50- .61- —
1881 Br. India	173	(a) (a)	*p* 81-81-81	.05- .30- —
1881 Br. India	459	(a) M.	(a)	.06- .06½- —
1881 Br. India	459	(a) (a)	(a)	.06- .18- —
1881 England	16	(a) M.	55-55-55	.93- .93- .93
1881 England	16	(a) M.	53-54 —	*e* .12½-.13½- —
1881 England	575	(a) M.	60-60-60	.57- .57- .57
1881 France	16	(a) M.	(a)	.39- .87- —
1881 France	17	(a) M.	(a)	.59- .82- —
1881 France	38	(a) (a)	(a)	.51- .58- —
1881 Germany	62	(a) M.	(a)	.27- .34- —
1881 Germany	178	(a) M.	(a)	.54- .60- —
1881 Italy	633	(a) M.	*q* 60-66 —	.27- .48- —
1881 Italy	635	(a) M.	(a)	.35- .35- .35
1881 Italy	636	(a) M.	(a)	.47- .47- .47
1881 Lux'burg	128	(a) (a)	(a)	.66- .66- .66
1881 Russia	33	(a) (a)	81-81-81	.29- .29- .29
1881 Scotland	29	(a) (a)	51-54 —	.75- .83- —
1882 Cal	16	8 M.	60-60-60	2.00-2.00-2.00
1882 Conn	2	25 M.	60-60-60	1.25-1.25-1.25
1882 Conn	7	2 M.	*b* 66-66-66	1.50-1.50-1.50
1882 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1882 Del	190	14 M.	60-60-60	1.00-1.50-1.26
1882 Ga	7	7 M.	*r* 70-72-71	.50-1.25- .94

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 1,897 persons not reported.
d Not including hours of 33 persons not reported.
e Per hour; hours at each rate not reported.
f Applies to but 89 of the 103 wage quotations.
g Per hour.
h Applies to but 1 of the 2 wage quotations.
i Applies to but 6 of the 7 wage quotations.
j And board.
k Applies to but 26 of the 27 wage quotations.
l Not including hours of 18 persons not reported.
n Not including hours of 217 persons not reported.
o Not including hours of 336 persons not reported.
p Applies to but 1 of the 3 wage quotations.
q Applies to but 4 of the 6 wage quotations.
r Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average—Hours of work per week.	Lowest, highest, and average—Rates of wages per day (dollars).
1882 Ill	16	245 M.	60-60-60	1.50-1.60-1.60
1882 Ill	206	5940 M.	*a*60-60-60	.77-2.30-1.17
1882 La	16	350 M.	60-60-60	1.50-1.50-1.50
1882 Md	16	100 M.	60-60-60	1.25-1.50-1.28
1882 Md	190	17 M.	60-60-60	1.20-1.67-1.33
1882 Mass	16	20 M.	60-60-60	1.25-1.50-1.44
1882 Mass	190	234 M.	60-72-60	.90-2.00-1.25
1882 Mich	285	1 M.	(*b*)	1.50-1.50-1.50
1882 Minn	2	180 M.	60-60-60	1.40-1.75-1.63
1882 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1882 Mo	2	30 M.	60-60-60	1.20-1.20-1.20
1882 Mo	16	56 M.	54-60-57	1.50-1.50-1.50
1882 Mo	294	29 M.	39-72-59	1.00-2.25-1.67
1882 Nebr	2	200 M.	60-60-60	1.25-1.25-1.25
1882 N. H	7	26 M.	66-66-66	.50-1.10- .84
1882 N. H	190	5 M.	60-60-60	1.00-1.30-1.19
1882 N. H	190	3 M.	72-72-72	*c* .75- .75- .75
1882 N. J	2	30 M.	60-60-60	1.50-1.50-1.50
1882 N. J	7	1 M.	(*b*)	1.00-1.00-1.00
1882 N. J	190	5 M.	60-60-60	1.50-1.75-1.55
1882 N. J	321	2499 M.	*d*60-72-64	1.10-2.00-1.17
1882 N. Y	2	747 M.	57-57-57	1.62-1.62-1.62
1882 N. Y	8	2 M.	60-60-60	1.25-1.25-1.25
1882 N. Y	16	317 M.	60-60-60	1.40-2.00-1.60
1882 N. Y	190	285 M.	60-72-62	.75-2.25-1.41
1882 N. C	7	1 M.	(*b*)	.75- .75- .75
1882 Ohio	7	2 M.	60-60-60	1.17-1.17-1.17
1882 Ohio	16	19 M.	60-60-60	1.50-2.17-1.60
1882 Ohio	190	46 M.	60-60-60	1.25-1.25-1.25
1882 Ohio	364	4258 (*b*)	*e* 54-92-60	.75-2.00-1.37
1882 Pa	7	19 M.	59-60-60	1.00-1.50-1.32
1882 Pa	16	65 M.	54-60-55	1.30-1.50-1.45
1882 Pa	190	144 M.	60-60-60	1.17-1.75-1.29
1882 Pa	387	2 M.	54-66-60	1.50-1.50-1.50
1882 R. I	7	38 M.	60-60-60	1.33-1.83-1.60
1882 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1882 S. C	7	10 M.	61-69-66	.60-1.25- .81
1882 Va	7	4 M.	(*b*)	1.25-1.25-1.25
1882 Va	16	115 M.	60-60-60	1.00-1.00-1.00
1882 W. Va	7	2 M.	59-59-59	1.25-1.25-1.25
1882 Wis	7	1 M.	57-57-57	1.75-1.75-1.75
1882 Aust-Hun.	178	(*b*) F.	60-60-60	.12- .16- —
1882 Belgium	16	(*b*) M.	(*b*)	.44- .58- —
1882 Belgium	38	(*b*) (*b*)	(*b*)	.58- .77- —
1882 Belgium	456	(*b*) (*b*)	(*b*)	.50- .50- .50
1882 Belgium	598	(*b*) (*b*)	(*b*)	.51- .63- —
1882 Br. India	459	(*b*) (*b*)	(*b*)	.06- .18- —
1882 Canada	33	(*b*) (*b*)	*f* 60-60-60	1.00-1.25- —
1882 Dutch E. I.	651	(*b*) (*b*)	(*b*)	.08- .40- —
1882 England	16	(*b*) M.	55-55-55	.93- .93- .93
1882 England	16	(*b*) M.	53-54 —	*g* .12½-.13½- —
1882 England	31	(*b*) (*b*)	(*b*)	.75-1.25- —
1882 England	33	(*b*) (*b*)	(*b*)	.81- .83- —
1882 England	575	(*b*) M.	60-60-60	.57- .57- .57
1882 France	16	(*b*) M.	(*b*)	.39- .87- —
1882 France	17	(*b*) M.	(*b*)	.59- .82- —
1882 France	33	(*b*) M.	72-72-72	.77- .77- .77
1882 France	40	(*b*) M.	72-72-72	.66-1.33- —
1882 Germany	30	(*b*) M.	(*b*)	.43- .57- —
1882 Germany	31	(*b*) (*b*)	60-60-60	.36- .44- —
1882 Germany	33	(*b*) M.	48-84 —	.30- .75- —
1882 Germany	38	(*b*) (*b*)	(*b*)	.36- .71- —
1882 Germany	40	(*b*) M.	66-66-66	.38- .50- —
1882 Germany	62	(*b*) M.	(*b*)	.27- .36- —
1882 Germany	174	(*b*) (*b*)	72-72-72	.48- .79- —
1882 Germany	554	(*b*) F.	54-54-54	0.20-0.28- —
1882 Germany	554	(*b*) (*b*)	54-66 —	.40- .99- —
1882 Germany	615	(*b*) M.	(*b*)	.18- .48- —
1882 Italy	33	(*b*) M.	(*b*)	.40- .40- .40
1882 Italy	633	(*b*) M.	*h*60-66 —	.29- .48- —
1882 Italy	635	(*b*) M.	(*b*)	.35- .35- .35
1882 Italy	636	(*b*) M.	(*b*)	.47- .47- .47
1882 Madeira Is	174	(*b*) (*b*)	(*b*)	.38- .38- .38
1882 Mexico	41	(*b*) (*b*)	(*b*)	.75-1.00- —
1882 Russia	33	(*b*) (*b*)	84-84-84	.25- .25- .25
1882 St. Thomas	75	(*b*) M.	(*b*)	.27- .27- .27
1882 Scotland	37	(*b*) M.	51-51-51	.79- .79- .79
1882 Venezuela	39	(*b*) (*b*)	(*b*)	.80-1.00- —
1883 Ala	7	4 M.	(*b*)	.67- .67- .67
1883 Cal	2	2680 M.	60-60-60	1.00-1.00-1.00
1883 Cal	16	15 M	60-60-60	2.00-2.00-2.00
1883 Colo	2	200 M.	60-60-60	2.00-2.00-2.00
1883 Conn	8	1 M.	60-60-60	1.50-1.50-1.50
1883 Del	190	15 M.	60-60-60	1.00-1.50-1.27
1883 Ga	7	16 M.	*i* 66-69-69	.50-1.25- .82
1883 Ill	16	212 M.	60-60-60	1.50-1.68-1.50
1883 La	7	27 M.	63-63-63	.83-1.33-1.06
1883 La	16	400 M.	60-60-60	1.50-1.50-1.50
1883 Md	16	105 M.	60-60-60	1.25-1.50-1.27
1883 Md	190	15 M.	60-60-60	1.20-1.67-1.33
1883 Mass	16	4 M.	60-60-60	1.50-1.50-1.50
1883 Mass	190	223 M.	60-72-60	.90-2.00-1.25
1883 Mass	273	443 M.	(*b*)	1.00-2.00-1.32
1883 Mich	277	5864 M.	(*b*)	.75-3.00-1.44
1883 Mich	285	1 M.	(*b*)	1.65-1.65-1.65
1883 Minn	2	351 M.	60-60-60	1.50-1.50-1.50
1883 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1883 Miss	7	3 M.	(*b*)	1.00-1.00-1.00
1883 Mo	2	100 M.	59-59-59	1.75 1.75-1.75
1883 Mo	7	3 M.	59-59-59	1.67-1.67-1.67
1883 Mo	16	57 M.	54-60-57	1.50-1.50-1.50
1883 N. H	190	5 M.	60-60-60	1.00-1.30-1.20
1883 N. H	190	3 M.	72-72-72	*c* .75- .75- .75
1883 N. J	7	24 M.	*j* 60-75-64	1.17-1.50-1.24
1883 N. J	190	5 M.	*k* 60-60-60	1.50-1.75-1.50
1883 N. J	322	4201 M.	*l* 48-72-61	.91-2.00-1.20
1883 N. Y	2	14 M.	60-60-60	1.50-1.50 1.50
1883 N. Y	16	270 M.	60-60-60	1.40-2.00-1.68
1883 N. Y	190	393 M.	60-72-61	.75-2.50-1.39
1883 Ohio	16	9 M.	60-60-60	1.50-2.17-1.69
1883 Ohio	190	106 M.	60-60-60	1.25-1.25-1.25
1883 Ohio	365	41 M.	*n* 45-84-63	1.20-2.00-1.56
1883 Pa	2	200 M.	60-60-60	1.48-1.62-1.55
1883 Pa	16	109 M.	54-60-55	1.30-1.50-1.48
1883 Pa	190	148 M.	60-60-60	1.20-1.75-1.32
1883 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1883 S. C	2	65 M.	60-60-60	1.35-1.35-1.35
1883 S. C	7	8 M.	70-72-71	.65- .90- .75
1883 Tenn	7	4 M.	66-66-66	.80-1.00- .93
1883 Va	16	56 M.	60-60-60	1.00-1.00-1.00
1883 W. Va	7	2 M.	60-60-60	1.00-1.00-1.00
1883 Australia	174	(*b*) (*b*)	(*b*)	1.70-2.43- —
1883 Belgium	16	(*b*) M.	(*b*)	.44- .58- —
1883 Belgium	456	(*b*) (*b*)	(*b*)	.55- .55- .55
1883 Belgium	598	(*b*) (*b*)	(*b*)	.56- .66- —
1883 Br. India	459	(*b*) (*b*)	(*b*)	.05¼-.18- —
1883 Dutch E. I.	651	(*b*) (*b*)	(*b*)	.08- .40- —
1883 Ecuador	43	(*b*) (*b*)	60-60-60	.75- .75- .75
1883 England	16	(*b*) M.	55-55-55	.93- .93- .93
1883 England	16	(*b*) M.	53-54 —	*g* .12½-.13½- —

a Not including hours of 5,904 persons not reported.
b Not reported.
c And board.
d Not including hours of 1,977 persons not reported.
e Not including hours of 1,008 persons not reported.
f Applies to but 1 of the 3 wage quotations.
g Per hour; hours at each rate not reported.
h Applies to but 5 of the 6 wage quotations.
i Not including hours of 10 persons not reported.
j Not including hours of 6 persons not reported.
k Not including hours of 1 person not reported.
l Not including hours of 2,286 persons not reported.
n Not including hours of 5 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1883 England ..	43	(a) (a)	b54-54-54	0.61-0.89- —
1883 England ..	43	(a) (a)	(a)	c.10- .10- .10
1883 England ..	45	(a) M.	(a)	.69- .96- —
1883 England ..	572	(a) M.	d50-78 —	.30-1.18- —
1883 England ..	572	(a) M.	(a)	c.09- .12- —
1883 England ..	575	(a) M.	60-60-60	.57- .57- .57
1883 France....	16	(a) M.	(a)	.39- .87- —
1883 France....	17	(a) M.	(a)	.67- .86- —
1883 Germany .	47	(a) (a)	e72-78 —	.52-1.07- —
1883 Germany .	62	(a) M.	(a)	.29- .37- —
1883 Germany .	555	(a) (a)	f60-66 —	.48- .99- —
1883 Gr't Brit..	273	(a) M.	(a)	.45-1.62- —
1883 Gr't Brit..	273	(a) F.	(a)	.37- .41- —
1883 Gr't Brit..	605	(a) M.	(a)	.89- .89- .89
1883 Ireland ...	572	(a) M.	54-84 —	.53- .94- —
1883 Ireland ...	630	(a) M.	g54-72 —	.32- .49- —
1883 Italy	633	(a) M.	h60-66 —	.29- .48- —
1883 Italy	635	(a) M.	(a)	.35- .35- .35
1883 Japan.....	642	(a) M.	(a)	i .18- .35- —
1883 Japan.....	642	(a) F.	(a)	i .09- .26- —
1883 Lux'burg .	128	(a) (a)	(a)	.66- .66- .66
1883 Malta	178	(a) M.	(a)	.18- .36- —
1883 Russia	44	(a) (a)	(a)	.29- .35- —
1883 Scotland ..	43	(a) (a)	54-57 —	.61- .91- —
1883 Scotland ..	572	(a) M.	j51-72 —	.30- .95- —
1883 Wales.....	572	(a) (a)	54-54-54	.82- .82- .82
1884 Ala	5	12 M.	84-84-84	1.00-1.00-1.00
1884 Cal.....	16	16 M.	60-60-60	2.00-2.00-2.00
1884 Cal.....	192	1401 M.	k60-84-63	2.00-2.49-2.31
1884 Colo	2	20 M.	72-72-72	2.50-2.50-2.50
1884 Del.....	2	66 M.	72-72-72	1.30-1.30-1.30
1884 Del.....	190	15 M.	60-60-60	1.00-1.42-1.26
1884 Ga	7	8 M.	l66-70-68	.75-1.00- .78
1884 Ill.....	2	150 M.	60-60-60	1.50-1.50-1.50
1884 Ill.....	16	222 M.	60-60-60	1.50-1.60-1.50
1884 Ill.....	207	8 M.	n60-60-60	1.10-2.00-1.44
1884 Ind	7	4 M.	(a)	1.00-1.25-1.19
1884 Iowa	231	484 M.	o60-84-63	.67-2.00-1.28
1884 La	7	5 M.	63-66-65	1.00-1.00-1.00
1884 La	16	150 M.	60-60-60	1.50-1.50-1.50
1884 Md.....	16	105 M.	60-60-60	1.25-1.50-1.27
1884 Md.....	190	16 M.	60-60-60	1.20-1.67-1.34
1884 Mass	2	65 M.	60-60-60	1.25-1.25-1.25
1884 Mass	2	350 M.	60-60-60	i 1.50-1.50-1.50
1884 Mass	16	2 M.	60-60-60	1.50-1.50-1.50
1884 Mass	190	193 M.	60-72-60	.75-2.00-1.31
1884 Mich	278	6099 M.	(a)	.46-2.75-1.42
1884 Mich	285	1 M.	(a)	1.65-1.65-1.65
1884 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1884 Mo	16	60 M.	54-60-58	1.50-1.50-1.50
1884 Mo	295	6 M.	60-60-60	1.25-1.75-1.42
1884 N. H	190	5 M.	60-60-60	1.00-1.30-1.20
1884 N. H	190	3 M.	72-72-72	i.75- .75- .75
1884 N. J	7	20 M.	p60-60-60	.83-1.67-1.31
1884 N. J.....	190	6 M.	60-60-60	1.50-2.00-1.63
1884 N. J	323	3709 M.	q54-72-61	.83-1.92-1.26
1884 N. Y.....	2	(r) M.	53-58-56	2.00-2.00-2.00
1884 N. Y.....	16	411 M.	60-60-60	1.40-2.00-1.69
1884 N. Y.....	190	346 M.	s60-72-62	.63-2.50-1.38
1884 Ohio	2	200 M.	60-60-60	1.20-1.20-1.20
1884 Ohio	7	9 M.	59-60-60	1.00-1.67-1.35
1884 Ohio	16	16 M.	60-60-60	1.50-2.25-1.61
1884 Ohio	20	2 M.	60-60-60	1.50-1.65-1.58
1884 Ohio	190	77 M.	60-60-60	1.25-1.25-1.25
1884 Ohio	366	2018 M.	(a)	.93-1.58-1.29
1884 Ohio	367	4468 M.	t54-72-60	.67-1.67-1.16
1884 Pa	2	1270 M.	60-60-60	1.15-1.50-1.28
1884 Pa	7	31 M.	59-60-60	.67-2.00-1.20
1884 Pa	16	131 M.	54-60-54	1.30-1.50-1.48
1884 Pa	190	144 M.	60-60-60	1.20-1.75-1.35
1884 Pa	388	(u) M.	(a)	1.22-1.86-1.26
1884 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1884 S. C	7	20 M.	v69-69-69	.58- .75- .73
1884 Va	7	12 M.	(a)	.67-1.25-1.06
1884 Va	16	58 M.	60-60-60	1.00-1.00-1.00
1884 Wash	2	2962 M.	60-60-60	.80-1.00- .90
1884 W. Va.....	7	16 M.	59-60-59	.83-1.50-1.16
1884 Australia .	178	(a) (a)	g48-48-48	1.46-1.82- —
1884 Aust-Hun .	178	(a) M.	54-78 —	.16- .80- —
1884 Aust-Hun .	178	(a) M.	(a)	w .28- .55- —
1884 Aust-Hun .	178	(a) M.	66-66-66	x .33- .53- —
1884 Aust-Hun .	178	(a) M.	63-63-63	y .29- .93- —
1884 Aust-Hun .	178	(a) F.	54-78 —	.10- .47- —
1884 Aust-Hun .	178	(a) F.	66-66-66	x .20- .33- —
1884 Aust-Hun .	178	(a) (a)	60-72 —	.12- .52- —
1884 Bahamas .	178	(a) M.	60-60-60	.75- .75- .75
1884 Belgium ..	16	(a) M.	(a)	.44- .58- —
1884 Belgium ..	178	(a) M.	z60-78 —	.18- .98- —
1884 Belgium ..	178	(a) F.	ii60-60-60	.16- .35- —
1884 Belgium ..	456	(a) (a)	(a)	.54- .54- .54
1884 Belgium ..	598	(a) (a)	(a)	.55- .66- —
1884 Brazil.....	47	(a) M.	(a)	1.30-1.30-1.30
1884 Brazil.....	47	(a) M.	(a)	w .55- .55- .55
1884 Br. Guiana	178	(a) (a)	(a)	.64- .64- .64
1884 Br. Guiana	178	(a) (a)	(a)	x .20- .24- —
1884 Br. India..	459	(a) (a)	(a)	.04½-.18- —
1884 Canada ...	178	(a) M.	ll60-60-60	.77-2.50- —
1884 Canada ...	178	(a) M.	60-60-60	i .38- .92- —
1884 Canada ...	178	(a) F.	60-60-60	.40-1.00- —
1884 Canada ...	178	(a) (a)	ss54-60 —	.69-2.00- —
1884 Canada ...	466	(a) M.	59-72 —	1.13-1.46- —
1884 C. of G'd H.	178	(a) M.	(a)	1.21-2.02- —
1884 C. of G'd H.	483	(a) (a)	(a)	.55-2.43- —
1884 Ceylon	178	(a) (a)	(a)	.35- .60- —
1884 China	134	(a) (a)	(a)	.20- .20- .20
1884 Colombia .	178	(a) (a)	60-72 —	.25-1.29- —
1884 Colombia .	178	(a) (a)	72-72-72	w .40- .80- —
1884 Cuba	178	(a) M.	54-54-54	i .68- .68- .68
1884 Cuba	178	(a) (a)	(a)	.75-1.77- —
1884 Denmark .	134	(a) (a)	60-60-60	.72- .72- .72
1884 Dutch E. I.	651	(a) (a)	(a)	.08- .40- —
1884 Ecuador ..	178	(a) M.	60-60-60	.60-1.00- —
1884 England ..	16	(a) M.	55-55-55	.93- .93- .93
1884 England ..	16	(a) M.	53-54 —	tt .12½-.13½- —

a Not reported.
b Applies to but 1 of the 11 wage quotations.
c Per hour.
d Applies to but 84 of the 90 wage quotations.
e Applies to but 8 of the 10 wage quotations.
f Applies to but 6 of the 7 wage quotations.
g Applies to but 2 of the 5 wage quotations.
h Applies to but 4 of the 7 wage quotations.
i And board.
j Applies to but 42 of the 45 wage quotations.
k Not including hours of 1,394 persons not reported.
l Not including hours of 2 persons not reported.
m Not including hours of 7 persons not reported.
o Not including hours of 3 persons not reported.
p Not including hours of 17 persons not reported.
q Not including hours of 1,606 persons not reported.
r 24,864 employees.
s Not including hours of 1 person not reported.
t Not including hours of 411 persons not reported.
u 11,236 employees.
v Not including hours of 9 persons not reported.
w And board and lodging.
x And lodging.
y And rent.
z Applies to but 18 of the 30 wage quotations.
ii Applies to but 3 of the 8 wage quotations.
ll Applies to but 15 of the 20 wage quotations.
ss Applies to but 39 of the 57 wage quotations.
tt Per hour; hours at each rate not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1884 England ..	178	(a) M.	b45-72 —	0.36-1.66- —
1884 England ..	178	(a) M.	(a)	c.10- .13- —
1884 England ..	178	(a) F.	d54-54-54	.24- .69- —
1884 England ..	575	(a) M.	60-60-60	.53- .53- .53
1884 France....	16	(a) M.	(a)	.39- .87- —
1884 France....	17	(a) M.	(a)	.67- .86- —
1884 France....	178	(a) M.	e60-66 —	.44-1.02- —
1884 France....	178	(a) M.	60-60-60	f.58- .89- —
1884 France....	178	(a) F.	64-64-64	.67-1.02- —
1884 France....	178	(a) F.	(a)	g.24- .24- .24
1884 Germany .	178	(a) M.	h57-78 —	.17-1.19- —
1884 Germany .	178	(a) M.	i60-60-60	j.43- .68- —
1884 Germany .	178	(a) M.	(a)	k.71- .83- —
1884 Germany .	178	(a) F.	l60-72 —	.12- .48- —
1884 Germany .	178	(a) (a)	48-72 —	.41- .62- —
1884 Germany .	556	(a) (a)	60-66 —	.54- .83- —
1884 Germany .	556	(a) (a)	66-66-66	m.83- .83- .83
1884 Gibraltar .	178	(a) M.	54-54-54	.46- .75- —
1884 Ireland ...	178	(a) M.	n54-70 —	.24- .81- —
1884 Italy	178	(a) M.	o42-84 —	.15-1.00- —
1884 Italy	178	(a) F.	p66-66-66	.17- .43- —
1884 Italy	633	(a) M.	q60-66 —	.31- .48- —
1884 Italy	635	(a) M.	(a)	.35- .35- .35
1884 Italy	636	(a) M.	(a)	.47- .47- .47
1884 Lux'burg .	128	(a) (a)	(a)	.64- .64- .64
1884 Malta	178	(a) M.	60-60-60	.60- .61- —
1884 Mexico....	178	(a) (a)	r60-60-60	.25-2.00- —
1884 Netherl'ds	178	(a) M.	s60-72 —	.28- .77- —
1884 Netherl'ds	184	(a) (a)	(a)	c.05- .05- .05
1884 Persia.....	178	(a) M.	(a)	.09- .40- —
1884 Peru	178	(a) M.	54-54-54	.82-1.23- —
1884 Portugal ..	178	(a) M.	(a)	.30- .40- —
1884 Russia	178	(a) M.	t60-72 —	.15-1.50- —
1884 Russia.....	178	(a) F.	(a)	.09½-.09½-.09½
1884 Russia.....	178	(a) F.	60-72 —	f.15- .22- —
1884 Russia.....	178	(a) (a)	72-78 —	.18- .22- —
1884 Scotland ..	178	(a) M.	51-72 —	.64-1.42- —
1884 Spain	178	(a) M.	u48-72 —	.30- .81- —
1884 Spain	178	(a) M.	98-98-98	g.16- .16- .16
1884 Spain	178	(a) F.	v54-66 —	.15- .47- —
1884 Switzerl'd.	178	(a) M.	w65-66 –	.19-1.15- —
1884 Switzerl'd.	178	(a) F.	65-65-65	.45- .77- —
1884 Turk. in A.	178	(a) (a)	x66-66-66	.41- .61- —
1884 Venezuela	178	(a) (a)	y60-60-60	.94-4.00- —
1884 Venezuela	178	(a) (a)	(a)	g.40- .50- —
1884 Wales.....	178	(a) M.	z54-62 —	.49-1.13- —
1884 Wales.....	178	(a) F.	x54-54-54	.30- .45- —
1885 Ala	1	88 M.	72-72-72	1.10-1.50-1.14
1885 Ala	7	8 M.	(a)	.80-1.00- .93
1885 Ark	1	20 M.	60-60-60	1.50-1.50-1.50
1885 Cal.....	1	173 M.	60-72-61	.75-3.50-1.70
1885 Cal.....	16	30 M.	60-60-60	2.00-2.00-2.00
1885 Conn.....	1	16 M.	60-66-61	1.00-2.00-1.30
1885 Conn.....	2	65 M.	59-60-59	1.25-1.35-1.33
1885 Conn.....	7	6 M.	ee60-60-60	.67-1.38-1.10
1885 Conn.....	190	1 M.	60-60-60	1.25-1.25-1.25
1885 Del	1	717 M.	60-72-61	1.05-1.65-1.22
1885 Del	7	10 M.	(a)	.42- .58- .50
1885 Del	190	15 M.	60-60-60	1.00-1.42-1.26
1885 Ga	1	35 M.	69-69-69	.32- .85- .51
1885 Ill.....	1	1482 M.	60-72-62	.50-2.00-1.40
1885 Ill.....	2	713 M.	54-60-57	1.25-1.60-1.49
1885 Ill.....	7	85 M.	ff59-60-59	1.00-2.00-1.41
1885 Ill.....	16	278 M.	60-60-60	1.38-1.60-1.50
1885 Ind	1	991 M.	60-72-60	.80-2.12-1.33
1885 Iowa	1	3 M.	60-60-60	1.50-1.50-1.50
1885 Iowa	2	57 M.	70-70-70	1.35-1.35-1.35
1885 Kans.....	239	960 M.	(gg)	.75-2.00-1.37
1885 Ky	1	264 M.	54-66-60	.75-2.00-1.28
1885 La	16	200 M.	60-60-60	1.50-1.50-1.50
1885 Me.....	1	331 M.	54-72-67	.90-1.75-1.29
1885 Me.....	2	65 M.	60-60-60	1.35-1.35-1.35
1885 Me.....	7	143 M.	ii66-66-66	1.00-2.17-1.36
1885 Md.....	1	303 M.	66-72-71	.95-1.50-1.10
1885 Md.....	7	43 M.	jj60-72-61	1.00-2.00-1.46
1885 Md.....	16	105 M.	60-60-60	1.25-1.50-1.27
1885 Md.....	190	22 M.	60-60-60	1.20-1.67-1.30
1885 Mass	1	389 M.	ll54-72-62	.69-2.00-1.16
1885 Mass	7	36 M.	rr50-60-57	.67-2.00-1.34
1885 Mass	16	21 M.	60-60-60	1.50-1.50-1.50
1885 Mass	190	210 M.	60-72-60	.75-2.00-1.28
1885 Mich.....	1	195 M.	60-66-62	.60-2.25-1.28
1885 Mich.....	2	981 M.	66-66-66	1.51-1.75-1.56
1885 Mich.....	7	7 M.	60-60-60	1.50-1.50-1.50
1885 Mich.....	279	3622 M.	ss66-66-66	.58-3.00-1.30
1885 Mich.....	285	1 M.	(a)	1.55-1.55-1.55
1885 Minn	1	170 M.	72-72-72	1.62-1.62-1.62
1885 Minn	2	300 M.	60-60-60	1.25-1.25-1.25
1885 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1885 Mo.....	1	683 M.	48-72-55	1.00-1.50-1.30
1885 Mo.....	2	6 M.	60-60-60	1.35-1.35-1.35
1885 Mo.....	7	19 M.	60-60-60	1.17-2.00-1.50
1885 Mo.....	16	65 M.	54-60-58	1.50-1.50-1.50
1885 Mo.....	296	526 M.	(a)	1.15-1.60-1.50
1885 N. H	1	247 M.	60-66-61	.83-1.80-1.25
1885 N. H	7	31 M.	59-66-60	.71-2.17-1.16
1885 N. H	190	4 M.	60-60-60	1.15-1.35-1.24
1885 N. H	190	3 M.	72-72-72	tt.75- .75- .75
1885 N. J	1	444 M.	45-60-59	1.00-1.83-1.33
1885 N. J	7	20 M.	48-60-57	.63-1.67-1.23
1885 N. J	190	9 M.	60-60-60	1.50-2.00-1.56
1885 N. J	324	2284 M.	vv42-72-60	.83-2.50-1.26
1885 N. J	324	1 M.	60-60-60	tt.96- .96- .96
1885 N. Y.....	1	2785 M.	60-72-61	.60-2.00-1.23
1885 N. Y.....	2	3483 M.	53-60-53	1.00-2.00-1.98
1885 N. Y.....	7	100 M.	zz57-60-59	.92-2.50-1.47

a Not reported.
b Applies to but 167 of the 234 wage quotations.
c Per hour.
d Applies to but 1 of the 3 wage quotations.
e Applies to but 22 of the 27 wage quotations.
f And lodging and fuel.
g And board and lodging.
h Applies to but 195 of the 286 wage quotations.
i Applies to but 2 of the 8 wage quotations.
j And lodging.
k And clothing.
l Applies to but 26 of the 31 wage quotations.
m And lodging and partial board.
n Applies to but 18 of the 22 wage quotations.
o Applies to but 21 of the 77 wage quotations.
p Applies to but 2 of the 10 wage quotations.
q Applies to but 4 of the 5 wage quotations.
r Applies to but 8 of the 17 wage quotations.
s Applies to but 12 of the 21 wage quotations.
t Applies to but 20 of the 43 wage quotations.
u Applies to but 23 of the 44 wage quotations.
v Applies to but 5 of the 7 wage quotations.
w Applies to but 12 of the 32 wage quotations.
x Applies to but 2 of the 4 wage quotations.
y Applies to but 8 of the 11 wage quotations.
z Applies to but 13 of the 27 wage quotations.
ee Not including hours of 2 persons not reported.
ff Not including hours of 66 persons not reported.
gg 48-108-60 hours; not including hours of 91 persons not reported.
ii Not including hours of 136 persons not reported.
jj Not including hours of 14 persons not reported.
ll Not including hours of 18 persons not reported.
rr Not including hours of 1 person not reported.
ss Not including hours of 2,582 persons not reported.
tt And board.
vv Not including hours of 281 persons not reported.
zz Not including hours of 48 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 N. Y.	8	3 M.	60-60-60	1.50-2.25-2.00
1885 N. Y.	16	351 M.	60-60-60	1.35-1.75-1.62
1885 N. Y.	190	290 M.	*a*60-72-62	.75-2.50-1.39
1885 N. Y.	331	3 M.	59-59-59	2.00-2.00-2.00
1885 N. C	1	54 M.	60-69-62	.67-1.00- .83
1885 N. C	7	5 M.	66-66-66	.75-1.00- .80
1885 Ohio	1	2361 M.	54-72-63	.50-2.00-1.21
1885 Ohio	7	18 M.	*b*59-59-59	1.00-2.00-1.45
1885 Ohio	16	20 M.	60-60-60	1.50-1.55-1.54
1885 Ohio	190	77 M.	60-60-60	1.25-1.25-1.25
1885 Ohio	367	4496 M.	*c*60-72-60	.75-2.08-1.06
1885 Oregon	1	30 M.	72-72-72	1.75-1.75-1.75
1885 Pa	1	4483 M.	48-72-58	.75-2.60-1.29
1885 Pa	2	240 M.	60-60-60	1.00-1.25-1.03
1885 Pa	7	71 M.	*d*60-60-60	.75-1.75-1.29
1885 Pa	16	149 M.	54-60-54	1.15-1.50-1.48
1885 Pa	190	139 M.	60-60-60	1.10-1.75-1.28
1885 Pa	389	9092 M.	(*e*)	.75-1.92-1.26
1885 R. I	1	1 M.	60-60-60	1.50-1.50-1.50
1885 R. I	7	10 M.	48-60-50	.83-2.00-1.41
1885 R. I	190	5 M.	72-72-72	1.10-1.10-1.10
1885 S. C	1	15 M.	66-66-66	.85- .85- .85
1885 S. C	7	1 M.	(*e*)	1.25-1.25-1.25
1885 Tenn	1	16 M.	60-72-66	.90-1.50-1.01
1885 Tex	2	320 M.	60-60-60	1.50-1.50-1.50
1885 Vt	1	72 M.	60-66-60	1.10-1.12-1.10
1885 Va	1	789 M.	48-72-57	.75-1.30- .94
1885 Va	7	16 M.	*f*60-60-60	1.25-1.25-1.25
1885 Va	16	62 M.	60-60-60	.90- .90- .90
1885 W. Va	1	83 M.	54-66-60	1.00-1.42-1.20
1885 Wis	2	576 M.	60-69-65	1.25-1.60-1.41
1885 Wis	7	57 M.	60-66-60	1.00-1.67-1.18
1885 Australia	54	(*e*) (*e*)	(*e*)	1.22-2.23- —
1885 Australia	431	(*e*) (*e*)	(*e*)	1.70-2.19- —
1885 Australia	431	(*e*) (*e*)	(*e*)	*g*.15- .20- —
1885 Barbadoes	175	(*e*) (*e*)	(*e*)	.20- .20- .20
1885 Belgium	1	(*e*) M.	63-72 —	.27- .75- —
1885 Belgium	16	(*e*) M.	(*e*)	.44- .58- —
1885 Belgium	456	(*e*) (*e*)	(*e*)	.53- .53- .53
1885 Belgium	598	(*e*) (*e*)	(*e*)	.54- .67- —
1885 Br. India	459	(*e*) (*e*)	(*e*)	.06- .17- —
1885 Canada	460	(*e*) (*e*)	60-60-60	1.00-2.00- —
1885 Canada	467	(*e*) M.	60-67 —	1.18-1.38- —
1885 Chile	184	(*e*) M.	(*e*)	.52- .52- .52
1885 Dutch E. I.	651	(*e*) (*e*)	(*e*)	.08- .28- —
1885 Ecuador	54	(*e*) (*e*)	60-60-60	.12- .12- .12
1885 England	16	(*e*) M.	55-55-55	.93- .93- .93
1885 England	16	(*e*) M.	53-54 —	*h*.12½-.13¼- —
1885 England	575	(*e*) M.	60-60-60	.53- .53- .53
1885 England	632	(*e*) M.	(*e*)	.74- .74- .74
1885 France	1	(*e*) M.	72-72-72	.58- .58- .58
1885 France	16	(*e*) M.	(*e*)	.39- .87- —
1885 France	17	(*e*) M.	(*e*)	.67- .86- —
1885 France	494	(*e*) M.	(*e*)	.55- .97- —
1885 Germany	1	(*e*) M.	72-72-72	.77- .77- .77
1885 Germany	71	(*e*) M.	(*e*)	.19- .64- —
1885 Germany	71	(*e*) F.	(*e*)	.09½-.48- —
1885 Gr't Brit	1	(*e*) M.	54-72 —	.64-1.44- —
1885 Italy	1	(*e*) M.	72-72-72	.39- .48- —
1885 Italy	633	(*e*) M.	*i*60-66 —	.35- .48- —
1885 Italy	636	(*e*) M.	(*e*)	.39- .39- .39
1885 Japan	643	(*e*) M.	(*e*)	*j*.15- .30- —
1885 Lux'burg	128	(*e*) (*e*)	(*e*)	.62- .62- .62
1885 N. Zealand	68	(*e*) (*e*)	(*e*)	1.46-2.43- —
1885 Norway	184	(*e*) M.	(*e*)	0.45-0.58- —
1885 Norway	184	(*e*) M.	(*e*)	*j*.28- .28- .28
1885 Norway	184	(*e*) F.	(*e*)	.30- .30- .30
1885 Norway	184	(*e*) F.	(*e*)	*j*.22- .22- .22
1885 Norway	686	(*e*) M.	(*e*)	.45- .58- —
1885 Norway	686	(*e*) F.	(*e*)	.26- .31- —
1885 Norway	688	(*e*) M.	(*e*)	.42- .52- —
1885 Norway	688	(*e*) M.	(*e*)	*j*.21- .38- —
1885 Norway	690	(*e*) M.	(*e*)	.43- .48- —
1885 Norway	690	(*e*) M.	(*e*)	*j*.23- .28- —
1885 Norway	690	(*e*) F.	(*e*)	.26- .29- —
1885 Norway	690	(*e*) F.	(*e*)	*j*.13- .16- —
1885 Switzerl'd	184	(*e*) (*e*)	(*e*)	.50- .80- —
1886 Cal	8	11 M.	60-60-60	1.75-1.75-1.75
1886 Cal	16	10 M.	60-60-60	2.00-2.00-2.00
1886 Conn	2	20 M.	60-60-60	1.85-2.00-1.93
1886 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1886 Conn	201	10 M.	(*e*)	.75-1.25-1.06
1886 Del	4	1 M.	(*e*)	1.10-1.10-1.10
1886 Del	7	14 M.	72-72-72	1.25-1.25-1.25
1886 Del	190	15 M.	60-60-60	1.00-1.42-1.26
1886 D. C	2	8 M.	58-58-58	2.00-2.00-2.00
1886 Ill	2	6066 M.	48-60-55	1.25-2.00-1.76
1886 Ill	7	11 M.	54-60-56	.83-2.00-1.32
1886 Ill	16	354 M.	60-60-60	1.38-1.60-1.50
1886 Ill	208	3148 M.	*k*48-78-59	.90-1.90-1.23
1886 Ind	2	25 M.	60-60-60	1.20-1.20-1.20
1886 Iowa	7	2 M.	60-60-60	1.50-1.50-1.50
1886 Iowa	232	2999 M.	*l*60-78-61	.50-4.00-1.30
1886 Kans	240	1768 M.	*n*30-78-60	.75-2.00-1.36
1886 Kans	241	1 M.	(*e*)	1.50-1.50-1.50
1886 La	16	100 M.	60-60-60	1.50-1.50-1.50
1886 Md	2	700 M.	60-60-60	1.00-1.25-1.04
1886 Md	7	12 M.	*d*48-48-48	1.00-2.00-1.67
1886 Md	16	115 M.	60-60-60	1.25-1.50-1.27
1886 Md	190	23 M.	60-60-60	1.20-1.67-1.31
1886 Mass	2	20 M.	60-60-60	1.50-1.50-1.50
1886 Mass	16	5 M.	60-60-60	1.50-1.50-1.50
1886 Mass	190	164 M.	60-72-61	.75-1.84-1.25
1886 Mich	2	47 M.	54-60-57	1.25-1.25-1.25
1886 Mich	7	25 M.	60-60-60	1.00-2.00-1.27
1886 Mich	285	1 M.	(*e*)	1.65-1.65-1.65
1886 Minn	2	415 M.	60-60-60	1.13-1.50-1.27
1886 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1886 Mo	16	67 M.	54-60-58	1.50-1.50-1.50
1886 N. H	2	4 M.	60-60-60	1.25-1.40-1.33
1886 N. H	190	4 M.	60-60-60	1.20-1.35-1.28
1886 N. H	190	3 M.	72-72-72	*j*.75- .75- .75
1886 N. J	2	685 M.	57-57-57	1.00-1.00-1.00
1886 N. J	190	7 M.	60-60-60	1.50-2.00-1.57
1886 N. J	325	1035 M.	*o*60-72-60	.55-1.73-1.28
1886 N. Y	2	160 M.	42-60-59	1.00-1.50-1.06
1886 N. Y	7	49 M.	*a*54-60-58	.83-1.67-1.34
1886 N. Y	16	893 M.	60-60-60	1.30-1.75-1.61
1886 N. Y	190	308 M.	*p*60-72-62	.75-2.50-1.43
1886 N. Y	331	152 M.	59-60-60	1.38-1.67-1.44
1886 N. Dak	2	150 M.	60-60-60	1.75-1.75-1.75
1886 Ohio	2	60 M.	60-60-60	1.25-1.25-1.25
1886 Ohio	16	21 M.	60-60-60	1.50-2.25-1.56
1886 Ohio	190	77 M.	60-60-60	1.25-1.25-1.25
1886 Ohio	368	4 M.	(*e*)	.65-1.47-1.16
1886 Pa	2	732 M.	*q*55-60-60	1.10-1.50-1.30
1886 Pa	7	57 M.	*r*57-60-59	.83-1.83-1.19
1886 Pa	16	146 M.	54-60-54	1.15-1.50-1.48

a Not including hours of 1 person not reported.
b Not including hours of 9 persons not reported.
c Not including hours of 450 persons not reported.
d Not including hours of 10 persons not reported.
e Not reported.
f Not including hours of 5 persons not reported.
g Per hour.
h Per hour; hours at each rate not reported.
i Applies to but 3 of the 4 wage quotations.
j And board.
k Not including hours of 21 persons not reported.
l Not including hours of 2,518 persons not reported.
n Not including hours of 876 persons not reported.
o Not including hours of 394 persons not reported.
p Not including hours of 4 persons not reported.
q Not including hours of 46 persons not reported.
r Not including hours of 3 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1886 Pa	190	114 M.	54-60-60	1.00-1.75-1.23
1886 R. I	7	52 M.	60-60-60	.83-1.83-1.34
1886 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1886 Tenn	2	112 M.	72-72-72	1.25-1.25-1.25
1886 Vt	8	2 M.	60-60-60	1.25-1.25-1.25
1886 Va	16	56 M.	60-60-60	1.00-1.00-1.00
1886 W. Va	2	85 M.	66-66-66	1.10-1.10-1.10
1886 Wis	2	50 M.	60-60-60	1.25-1.25-1.25
1886 Wis	408	14 M.	48-72-61	.94-1.50-1.17
1886 Argentina	57	(a) (a)	(a)	.80-1.60- —
1886 Australia	184	(a) M.	(a)	1.22-2.03- —
1886 Aust-Hun	60	(a) (a)	(a)	.14- .90- —
1886 Barbadoes	175	(a) (a)	(a)	.20- .20- .20
1886 Belgium	16	(a) M.	(a)	.44- .58- —
1886 Belgium	65	(a) M.	72-72-72	.52- .58- —
1886 Belgium	456	(a) M.	(a)	.31- .57- —
1886 Belgium	456	(a) F.	(a)	.26- .35- —
1886 Belgium	456	(a) (a)	b72-72-72	.26- .82- —
1886 Belgium	456	(a) (a)	(a)	c .06- .06- .06
1886 Belgium	598	(a) (a)	(a)	.54- .67- —
1886 Bolivia	57	(a) M.	(a)	.30-3.00- —
1886 Br. India	459	(a) M.	(a)	.05½-.06- —
1886 Br. India	459	(a) (a)	(a)	.05½-.23- —
1886 Canada	64	(a) M.	66-66-66	d .46- .77- —
1886 Canada	73	(a) M.	(a)	1.00-1.25- —
1886 Canada	461	(a) M.	60-60-60	1.00-1.50- —
1886 Canada	468	(a) M.	56-63 —	1.20-1.31- —
1886 C. of G'd H.	483	(a) (a)	(a)	.23-2.43- —
1886 Chile	64	(a) M.	66-66-66	.90-1.10- —
1886 Costa Rica	184	(a) (a)	60-60-60	.49- .49- .49
1886 Denmark	57	(a) M.	(a)	.46- .59- —
1886 Dutch E. I.	651	(a) (a)	(a)	.06- .40- —
1886 England	16	(a) M.	55-55-55	.93- .93- .93
1886 England	16	(a) M.	53-54 —	e .12½-.13½- —
1886 England	16	(a) M.	57-57-57	.59-1.39- —
1886 England	16	(a) F.	57-57-57	.33- .63- —
1886 England	575	(a) M.	60-60-60	.51- .51- .51
1886 England	601	(a) M.	f 56-57 —	.56-1.12- —
1886 England	601	(a) F.	56-57 —	.25- .50- —
1886 England	602	(a) M.	(a)	.57-1.04- —
1886 England	603	(a) M.	(a)	.71-1.21- —
1886 England	604	(a) M.	g 54-54-54	.52-1.57- —
1886 England	632	(a) M.	48-48-48	1.16-1.16-1.16
1886 France	16	(a) M.	(a)	.39- .87- —
1886 France	17	(a) M.	(a)	.67- .86- —
1886 France	66	(a) M.	(a)	.45- .85- —
1886 Germany	62	(a) M.	h 72-72-72	.28- .63- —
1886 Germany	62	(a) M.	(a)	d .18- .31- —
1886 Germany	62	(a) F.	(a)	.14- .35- —
1886 Germany	62	(a) F.	(a)	d .09½-.28- —
1886 Germany	69	(a) M.	(a)	.63- .63- .63
1886 Germany	548	(a) (a)	(a)	.36- .95- —
1886 Gr't Brit	601	(a) M.	56-57 —	.73- .83- —
1886 Gr't Brit	602	(a) M.	(a)	.57-1.01- —
1886 Gr't Brit	603	(a) M.	(a)	.75- .89- —
1886 Gr't Brit	604	(a) M.	i 54-54-54	.65- .86- —
1886 Gr't Brit	632	(a) M.	50-54 —	.64- .99- —
1886 Ireland	3	(a) F.	55-55-55	.67- .67- .67
1886 Ireland	600	(a) M.	57-57-57	.40- .53- —
1886 Ireland	601	(a) M.	(a)	.42- .42- .42
1886 Ireland	603	(a) M.	j 55-84 —	.55- .81- —
1886 Ireland	604	(a) M.	k 54-54-54	.53- .66- —
1886 Italy	65	(a) M.	(a)	.19- .58- —
1886 Italy	65	(a) F.	(a)	0.14-0.29- —
1886 Italy	633	(a) M.	l 60-72 —	.21- .77- —
1886 Italy	636	(a) M.	(a)	.39- .39- .39
1886 Japan	74	(a) (a)	90-90-90	.15- .25- —
1886 Japan	644	(a) M.	(a)	d .15- .28- —
1886 Lux'burg	128	(a) (a)	(a)	.60- .60- .60
1886 Mexico	63	(a) (a)	(a)	.12- .75- —
1886 Mexico	175	(a) (a)	(a)	.25- .50- —
1886 Netherl'ds	456	(a) (a)	60-66 —	.40- .72- —
1886 Scotland	67	(a) M.	(a)	.53- .61- —
1886 Scotland	600	(a) M.	57-57-57	.60- .69- —
1886 Scotland	601	(a) M.	56-56-56	.64- .79- —
1886 Scotland	602	(a) M.	(a)	.47- .99- —
1886 Scotland	603	(a) M.	(a)	.75- .99- —
1886 Scotland	604	(a) M.	n 54-54-54	.54-1.13- —
1886 Spain	66	(a) M.	o 60-60-60	.40- .85- —
1886 Venezuela	64	(a) (a)	48-48-48	.50- .80- —
1886 Wales	602	(a) M.	(a)	.72- .94- —
1886 Wales	604	(a) M.	p 54-54-54	.71- .95- —
1887 Cal	8	12 M.	60-63-61	1.75-1.75-1.75
1887 Cal	16	26 M.	60-60-60	2.00-2.00-2.00
1887 Conn	4	1008 M.	(a)	.77-2.00-1.48
1887 Conn	190	1 M.	60-60-60	1.25-1.25-1.25
1887 Conn	202	1597 M.	(a)	.72-1.77-1.48
1887 Del	4	7 M.	(a)	1.25-1.50-1.31
1887 Del	4	61 M.	(a)	c .10- .20- .12
1887 Del	190	15 M.	60-60-60	1.00-1.67-1.29
1887 Fla	4	515 M.	(a)	.27-2.00-1.03
1887 Fla	4	25 M.	(a)	c .10- .15- .14
1887 Ill	16	346 M.	60-60-60	1.50-1.50-1.50
1887 Ill	298	815 (a)	(a)	1.64-1.64-1.64
1887 Kans	241	2925 M.	q 54-72-60	.80-2.25-1.63
1887 Kans	241	1 M.	(a)	d .75- .75- .75
1887 Kans	242	43 M.	(a)	.75-1.70-1.30
1887 Ky	3	1 F.	60-60-60	1.00-1.00-1.00
1887 La	16	800 M.	60-60-60	1.75-1.75-1.75
1887 Me	4	6 M.	(a)	.75-1.15- .83
1887 Me	253	11 M.	60-72-62	1.00-2.00-1.42
1887 Md	4	7352 M.	r 60-60-60	.38-2.30-1.17
1887 Md	4	8 M.	(a)	c .13- .18- .15
1887 Md	16	115 M.	60-60-60	1.25-1.50-1.27
1887 Md	190	19 M.	60-60-60	1.20-1.67-1.36
1887 Mass	4	4042 M.	(a)	.38-2.25-1.46
1887 Mass	4	122 M.	(a)	c .16¼- .20- .17
1887 Mass	6	8 M.	(a)	1.10-1.10-1.10
1887 Mass	16	11 M.	60-60-60	1.50-1.50-1.50
1887 Mass	190	182 M.	60-72-61	.90-1.84-1.27
1887 Mich	4	1398 M.	s 60-60-60	1.00-2.30-1.33
1887 Mich	4	37 M.	(a)	c .10- .17- .13
1887 Mich	285	1 M.	(a)	1.65-1.65-1.65
1887 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1887 Mo	4	2917 M.	(a)	1.00-2.57-1.40
1887 Mo	16	70 M.	54-60-58	1.50-1.50-1.50
1887 Mo	297	1 M.	72-72-72	1.75-1.75-1.75
1887 Mo	298	800 (a)	(a)	1.13-1.62-1.53
1887 Nebr	312	309 M.	54-60-58	1.00-2.50-1.63
1887 N. H	190	4 M.	60-60-60	1.25-1.40-1.30
1887 N. H	190	3 M.	60-60-60	d .75- .75- .75
1887 N. J	4	12 M.	(a)	1.20-1.60-1.28
1887 N. J	190	5 M.	60-60-60	1.50-2.00-1.65
1887 N. Y	4	3845 M.	(a)	.58-2.40-1.35
1887 N. Y	4	3194 M.	(a)	c .10-.18½- .14
1887 N. Y	7	1 M.	60-60-60	1.00-1.00-1.00

a Not reported.
b Applies to but 3 of the 44 wage quotations.
c Per hour.
d And board.
e Per hour; hours at each rate not reported.
f Applies to but 6 of the 7 wage quotations.
g Applies to but 47 of the 57 wage quotations.
h Applies to but 1 of the 7 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j Applies to but 3 of the 6 wage quotations.
k Applies to but 2 of the 4 wage quotations.
l Applies to but 93 of the 96 wage quotations.
n Applies to but 1 of the 15 wage quotations.
o Applies to but 3 of the 7 wage quotations.
p Applies to but 1 of the 2 wage quotations.
q Not including hours of 114 persons not reported.
r Not including hours of 7,106 persons not reported.
s Not including hours of 1,387 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1887 N. Y.	16	548 M.	60-60-60	1.40-1.75-1.61
1887 N. Y.	190	340 M.	a60-72-62	.75-2.50-1.46
1887 N. Y.	331	94 M.	53-60-58	1.49-1.50-1.49
1887 N. C.	4	12 M.	(b)	.80-1.50- .89
1887 N. C.	342	1011 M.	c60-78-62	.50-1.75- .80
1887 Ohio	16	13 M.	60-60-60	1.50-2.00-1.56
1887 Ohio	190	77 M.	60-60-60	1.25-1.25-1.25
1887 Ohio	369	(d) M.	e42-72-60	.50-2.50-1.37
1887 Oregon	4	240 M.	(b)	1.53-2.49-2.03
1887 Pa	4	9738 M.	f60-60-60	.31-2.15-1.28
1887 Pa	4	1555 M.	(b)	g.07½- .20- .12
1887 Pa	16	81 M.	54-60-55	1.15-1.50-1.44
1887 Pa	190	131 M.	60-60-60	1.09-1.83-1.22
1887 Pa	390	1136 M.	h48-72-60	1.00-3.54-1.39
1887 R. I	4	166 M.	(b)	1.35-2.00-1.40
1887 R. I	4	24 M.	(b)	g.15- .25-.16½
1887 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1887 R. I	396	655 M.	48-60-54	1.10-2.50-1.44
1887 Va	4	322 M.	(b)	.46-2.00-1.07
1887 Va	16	40 M.	60-60-60	1.00-1.00-1.00
1887 W. Va	4	171 M.	(b)	.54-1.53-1.15
1887 Wis	4	2652 M.	(b)	1.00-2.00-1.41
1887 Wis	409	(i) M.	(b)	1.00-1.75-1.41
1887 Australia	420	(b) (b)	(b)	1.58-1.95- —
1887 Belgium	16	(b) M.	(b)	.44- .58- —
1887 Belgium	598	(b) M.	(b)	.09½- .42- —
1887 Br. India	459	(b) (b)	(b)	.03- .16- —
1887 Canada	178	(b) (b)	60-60-60	1.42-1.42-1.42
1887 Canada	469	(b) M.	59-60 —	1.20-1.22- —
1887 C. of G'd H.	483	(b) (b)	(b)	.18- .18- .18
1887 C. of G'd H.	483	(b) (b)	(b)	j.12- .97- —
1887 Dutch E. I.	652	(b) (b)	(b)	.06- .40- —
1887 England	16	(b) M.	55-55-55	.93- .93- .93
1887 England	16	(b) M.	53-5 —	k.12½-.13¼- —
1887 England	70	(b) M.	(b)	.81- .81- .81
1887 England	575	(b) M.	60-60-60	.51- .51- .51
1887 England	599	(b) M.	(b)	1.09-1.09-1.09
1887 France	16	(b) M.	(b)	.39- .87- —
1887 France	17	(b) M.	(b)	.67- .86- —
1887 Germany	6	(b) M.	(b)	.27- .48- —
1887 Germany	557	(b) (b)	l48-69 —	.35-1.79- —
1887 Germany	557	(b) (b)	(b)	g.06- .15- —
1887 Italy	636	(b) M.	(b)	.39- .39- .39
1887 Japan	645	(b) M.	(b)	n.13- .27- —
1887 Lux'burg	128	(b) (b)	(b)	.60- .60- .60
1887 Netherl'ds	598	(b) (b)	66-66-66	.53- .69- —
1887 N. Zealand	678	(b) (b)	48-48-48	1.83-1.83-1.83
1888 Cal.	16	14 M.	60-60-60	2.00-2.00-2.00
1888 Cal.	194	1 M.	(b)	2.00-2.00-2.00
1888 Colo	198	790 M.	o48-60-58	1.15-2.00-1.88
1888 Conn.	190	1 M.	60-60-60	1.25-1.25-1.25
1888 Del	6	6 M.	(b)	1.25-1.50-1.29
1888 Del	190	15 M.	60-60-60	p1.00-1.67-1.29
1888 Ga	6	54 M.	p66-66-66	.50-1.75- .89
1888 Ill.	5	42 M.	60-84-72	1.40-3.00-1.92
1888 Ill.	16	381 M.	60-60-60	1.50-1.60-1.51
1888 Ind	5	16 M.	(b)	1.25-1.25-1.25
1888 Iowa	233	2943 M.	q54-63-60	1.00-1.75-1.28
1888 Iowa	233	1 M.	(b)	n1.25-1.25-1.25
1888 Kans.	242	1355 M.	r54-72-61	.75-2.00-1.48
1888 Kans.	243	9 M.	(b)	1.60-1.71-1.66
1888 La	16	800 M.	60-60-60	1.75-1.75-1.75
1888 Me	254	17 M.	s60-72-63	1.00-2.00-1.49
1888 Md.	16	115 M.	60-60-60	1.25-1.50-1.27
1888 Md.	190	18 M.	60-60-60	1.20-1.67-1.36
1888 Mass	6	29 M.	t60-60-60	.75-1.38-1.02
1888 Mass	16	12 M.	60-60-60	1.25-1.50-1.46
1888 Mass	190	180 M.	60-72-61	.90-1.84-1.26
1888 Mich	280	743 M.	36-90-60	.77-2.38-1.51
1888 Mich	285	1 M.	(b)	1.55-1.55-1.55
1888 Minn	16	14 M.	60-60-60	1.50-1.50-1.50
1888 Mo	16	71 M.	54-60-58	1.50-1.50-1.50
1888 Mo	298	1989 (b)	(b)	1.15-1.60-1.34
1888 N. H	6	4 M.	(b)	1.25-1.50-1.35
1888 N. H	190	4 M.	60-60-60	1.25-1.45-1.30
1888 N. H	190	2 M.	60-60-60	n .75- .75- .75
1888 N. J	190	6 M.	60-60-60	1.50-2.00-1.63
1888 N. J	326	2013 M.	u48-84-60	1.00-2.00-1.38
1888 N. Y.	6	106 M.	v54-60-60	.75-1.38-1.09
1888 N. Y.	7	1 M.	48-48-48	1.67-1.67-1.67
1888 N. Y.	16	831 M.	60-60-60	1.40-1.75-1.61
1888 N. Y.	190	285 M.	60-72-62	.66-2.50-1.55
1888 N. Y.	331	(w)	x48-93-60	.75-3.00-1.52
1888 N. Y.	331	203 M.	(b)	g.14- .25- .21
1888 N. Y.	331	2 M.	60-60-60	n .96- .96- .96
1888 N. Y.	331	1 M.	(b)	y.75- .75- .75
1888 N. Y.	331	30 M.	66-66-66	z1.25-1.25-1.25
1888 N. C.	6	2 M.	(b)	.94-1.00- .97
1888 N. C.	343	26 M.	s60-72-66	.31-1.00- .58
1888 Ohio	5	35 M.	60-60-60	1.40-1.40-1.40
1888 Ohio	16	16 M.	60-60-60	1.50-2.00-1.53
1888 Ohio	190	80 M.	60-60-60	1.25-1.25-1.25
1888 Ohio	370	(aa) M.	(b)	.91-1.75-1.32
1888 Pa	5	129 M.	60-84-73	1.15-2.45-1.36
1888 Pa	6	1 M.	(b)	1.00-1.00-1.00
1888 Pa	16	195 M.	54-60-54	1.35-1.50-1.49
1888 Pa	190	138 M.	60-60-60	1.00-1.83-1.27
1888 R. I	6	13 M.	bb60-60-60	.48-1.17- .83
1888 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1888 R. I	397	19 M.	(b)	1.00-2.00-1.47
1888 S. C	6	141 M.	cc66-66-66	.50-1.00- .59
1888 Tenn.	5	281 M.	ee60-60-60	.40-1.85-1.03
1888 Va	5	431 M.	ff60-72-65	.50-1.90-1.02
1888 Va	6	14 M.	ii60-60-60	.60-1.25- .83
1888 Va	16	45 M.	60-60-60	1.00-1.00-1.00
1888 W. Va	5	134 M.	60-66-63	1.40-1.80-1.42
1888 Australia	421	(b) M.	48-48-48	1.95-1.95-1.95
1888 Australia	424	(b) M.	(b)	1.31-1.31-1.31
1888 Australia	430	(b) (b)	jj48-48-48	1.22-1.95- —
1888 Australia	432	(b) M.	(b)	.61-2.43- —
1888 Aust-Hun	447	(b) M.	(b)	.03½-.86- —
1888 Belgium	5	(b) M.	ll84-84-84	.55- .60- —

a Not including hours of 2 persons not reported.
b Not reported.
c Not including hours of 535 persons not reported.
d 29,742 employees.
e Not including hours of 116 persons not reported.
f Not including hours of 9,372 persons not reported.
g Per hour.
h Not including hours of 1,129 persons not reported.
i 18,346 employees.
j And food.
k Per hour; hours at each rate not reported.
l Applies to but 51 of the 54 wage quotations.
n And board.
o Not including hours of 780 persons not reported.
p Not including hours of 8 persons not reported.
q Not including hours of 2,151 persons not reported.
r Not including hours of 300 persons not reported.
s Not including hours of 1 person not reported.
t Not including hours of 19 persons not reported.
u Not including hours of 1,889 persons not reported.
v Not including hours of 40 persons not reported.
w 10,712 employees.
x Not including hours of 1,496 persons not reported.
y And board and washing.
z And rent.
aa 33,366 employees.
bb Not including hours of 3 persons not reported.
cc Not including hours of 61 persons not reported.
ee Not including hours of 279 persons not reported.
ff Not including hours of 254 persons not reported.
ii Not including hours of 13 persons not reported.
jj Applies to but 3 of the 6 wage quotations.
ll Applies to but 3 of the 5 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1888 Belgium	16	(a) M.	(a)	0.44-0.58- —
1888 Br. India	459	(a) (a)	(a)	.05- .15- —
1888 Canada	470	(a) M.	50-65 —	1.20-1.54- —
1888 C. of G'd H.	483	(a) (a)	(a)	.37-2.43- —
1888 C. of G'd H.	483	(a) (a)	(a)	b.12- .73- —
1888 Dutch E. I.	652	(a) (a)	(a)	.06- .40- —
1888 England	5	(a) M.	c66-84 —	.28-1.34- —
1888 England	5	(a) F.	d84-84-84	.20- .24- —
1888 England	6	(a) M.	(a)	.41- .69- —
1888 England	16	(a) M.	55-55-55	.93- .93- .93
1888 England	16	(a) M.	53-54 —	e.12½-.13½- —
1888 England	575	(a) M.	58-60 —	.55- .55- .55
1888 England	632	(a) M.	54-55 —	1.22-1.22-1.22
1888 France	6	(a) M.	f72-72-72	.34- .90- —
1888 France	16	(a) M.	(a)	.39- .87- —
1888 France	17	(a) M.	(a)	.67- .86- —
1888 France	463	(a) (a)	71-71-71	.60- .60- .60
1888 Germany	5	(a) M.	g72-72-72	.38- .71- —
1888 Germany	5	(a) F.	72-72-72	.24- .24- .24
1888 Germany	6	(a) M.	(a)	.24- .60- —
1888 Germany	6	(a) F.	(a)	.33- .48- —
1888 Germany	113	(a) M.	(a)	.42- .62-
1888 Germany	534	(a) (a)	(a)	.38- .48- —
1888 Germany	558	(a) (a)	h35-66 —	.36-1.43- —
1888 Germany	615	(a) M.	(a)	.20- .58- —
1888 Italy	6	(a) M.	(a)	.29- .43- —
1888 Italy	6	(a) F.	(a)	.20- .20- .20
1888 Lux'burg	128	(a) (a)	(a)	.64 .64- .64
1888 Switzerl'd	6	(a) (a)	(a)	.46- .59- —
1889 Ala	5	1812 M.	i48-84-63	.75-2.50-1.23
1889 Ala	189	5198 (a)	(a)	.83-1.47-1.26
1889 Alaska	189	159 (a)	(a)	2.00-2.82-2.61
1889 Ariz	189	837 (a)	(a)	1.49-3.20-2.42
1889 Ark	189	178 (a)	(a)	1.22-2.06-1.65
1889 Cal	6	2 M.	(a)	1.75-1.75-1.75
1889 Cal	16	19 M.	60-60-60	1.75-2.00-1.97
1889 Cal	189	8034 (a)	(a)	1.16-3.70-2.06
1889 Colo	189	3762 (a)	(a)	1.63-3.75-2.66
1889 Conn	6	5 M.	j60-60-60	1.25-1.25-1.25
1889 Conn	189	428 (a)	(a)	1.48-1.74-1.57
1889 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1889 Del	5	30 M.	60-60-60	1.10-1.10-1.10
1889 Del	189	6 (a)	(a)	1.50-1.50-1.50
1889 Del	190	15 M.	60-60-60	1.00-1.67-1.29
1889 Ga	5	34 M.	k84-84-84	1.00-2.00-1.15
1889 Ga	6	47 M.	66-66-66	.50-1.50- .92
1889 Ga	189	727 (a)	(a)	.80-1.05- .99
1889 Idaho	189	1286 (a)	(a)	1.77-3.50-3.05
1889 Ill	5	2232 M.	l60-72-64	.52-3.00-1.29
1889 Ill	16	372 M.	60-60-60	1.50-1.60-1.50
1889 Ill	189	7625 (a)	(a)	1.00-2.00-1.68
1889 Ill	209	1150 M.	(a)	.75-2.25-1.77
1889 Ind	5	121 M.	n60-72-61	1.00-2.05-1.29
1889 Ind	7	15 M.	60-60-60	1.25-1.25-1.25
1889 Ind	189	3132 (a)	(a)	.96-1.91-1.45
1889 Ind. T	189	538 (a)	(a)	1.90-2.41-2.27
1889 Iowa	189	2384 (a)	(a)	1.19-2.13-1.67
1889 Iowa	233	1364 M.	o48-60-58	1.16-1.46-1.30
1889 Kans	189	1315 (a)	(a)	0.75-1.95-1.58
1889 Kans	243	1575 M.	p48-72-60	.50-2.25-1.54
1889 Ky	189	1965 (a)	(a)	1.01-1.84-1.31
1889 La	16	600 M.	60-60-60	1.75-1.75-1.75
1889 Me	6	22 M.	q60-60-60	.75-1.50-1.13
1889 Me	189	743 (a)	(a)	1.62-1.75-1.67
1889 Me	255	47 M.	r60-60-60	1.50-2.00-1.52
1889 Md	5	56 M.	60-72-61	1.25-1.87-1.51
1889 Md	6	30 M.	(a)	.89-1.25-1.03
1889 Md	16	105 M.	60-60-60	1.25-1.50-1.27
1889 Md	189	964 (a)	(a)	1.05-1.86-1.57
1889 Md	190	18 M.	60-60-60	1.20-1.67-1.36
1889 Mass	6	154 M.	s60-60-60	.80-1.90-1.15
1889 Mass	16	7 M.	60-60-60	1.25-1.50-1.47
1889 Mass	189	1020 (a)	(a)	1.25-1.80-1.56
1889 Mass	190	140 M.	60-72-61	.75-1.84-1.28
1889 Mich	5	2325 M.	t57-84-60	1.00-2.13-1.70
1889 Mich	189	6610 (a)	(a)	1.25-2.10-1.65
1889 Mich	281	238 M.	60-60-60	.33-1.80-1.22
1889 Mich	285	1 M.	(a)	1.50-1.50-1.50
1889 Minn	5	422 M.	60-60-60	1.50-1.85-1.76
1889 Minn	16	17 M.	60-60-60	1.50-1.75-1.65
1889 Minn	189	1365 (a)	(a)	1.48-1.96-1.84
1889 Mo	5	315 M.	u72-72-72	.75-2.00-1.19
1889 Mo	6	2 M.	(a)	1.00-1.00-1.00
1889 Mo	16	69 M.	54-60-58	1.50-1.50-1.50
1889 Mo	189	3859 (a)	(a)	1.12-1.91-1.54
1889 Mo	299	350 (a)	(a)	.60-2.21-1.41
1889 Mont	189	3161 (a)	(a)	1.50-3.58-3.17
1889 Nebr	189	177 (a)	(a)	1.54-1.54-1.54
1889 Nev	189	993 (a)	(a)	2.00-3.88-3.15
1889 N. H	6	78 M.	v60-60-60	1.05-1.33-1.16
1889 N. H	189	181 (a)	(a)	1.50-1.68-1.65
1889 N. H	190	5 M.	60-60-60	1.25-1.50-1.37
1889 N. H	190	2 M.	60-60-60	w.75- .75- .75
1889 N. J	6	23 M.	60-60-60	1.25-1.33-1.25
1889 N. J	189	1404 (a)	(a)	1.21-1.45-1.33
1889 N. J	190	5 M.	60-60-60	1.50-2.00-1.65
1889 N. Mex	189	1027 (a)	(a)	1.00-3.00-2.30
1889 N. Y	5	1397 M.	x60-84-61	.40-2.18-1.29
1889 N. Y	6	113 M.	y54-60-59	.63-1.67-1.15
1889 N. Y	16	431 M.	60-60-60	1.40-1.75-1.54
1889 N. Y	189	4311 (a)	(a)	1.20-1.75-1.37
1889 N. Y	190	299 M.	54-72-61	.75-2.50-1.50
1889 N. C	6	8 M.	z69-69-69	.75-1.25- .84
1889 N. C	189	622 (a)	(a)	.75-1.00- .86
1889 N. C	344	4 M.	ff60-72-64	.40- .58- .50
1889 N. Dak	189	7 (a)	(a)	1.50-1.88-1.72
1889 Ohio	5	1830 M.	ii48-84-62	.95-3.50-1.40
1889 Ohio	16	22 M.	60-60-60	1.25-1.75-1.52
1889 Ohio	189	6806 (a)	(a)	1.00-2.00-1.43
1889 Ohio	190	80 M.	60-60-60	1.25-1.25-1.25
1889 Oregon	189	1559 (a)	(a)	1.00-3.50-2.28
1889 Pa	5	3251 M.	jj42-84-61	.75-3.50-1.41
1889 Pa	6	25 M.	(a)	.84-1.34-1.19
1889 Pa	16	131 M.	54-60-55	1.40-1.50-1.49
1889 Pa	189	(ll) (a)	(a)	1.00-2.03-1.51
1889 Pa	190	142 M.	60-60-60	1.00-1.92-1.30

a Not reported.
b And food.
c Applies to but 7 of the 71 wage quotations.
d Applies to but 1 of the 3 wage quotations.
e Per hour; hours at each rate not reported.
f Applies to but 4 of the 16 wage quotations.
g Applies to but 3 of the 4 wage quotations.
h Applies to but 56 of the 58 wage quotations.
i Not including hours of 274 persons not reported.
j Not including hours of 3 persons not reported.
k Not including hours of 26 persons not reported.
l Not including hours of 124 persons not reported.
n Not including hours of 7 persons not reported.
o Not including hours of 526 persons not reported.
p Not including hours of 191 persons not reported.
q Not including hours of 10 persons not reported.
r Not including hours of 45 persons not reported.
s Not including hours of 39 persons not reported.
t Not including hours of 114 persons not reported.
u Not including hours of 250 persons not reported.
v Not including hours of 25 persons not reported.
w And board.
x Not including hours of 403 persons not reported.
y Not including hours of 47 persons not reported.
z Not including hours of 4 persons not reported.
ff Not including hours of 1 person not reported.
ii Not including hours of 429 persons not reported.
jj Not including hours of 1,361 persons not reported.
ll 73,607 employees.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1889 R. I	189	214 (a)	(a)	1.36-1.54-1.53
1889 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1889 S. C	6	24 M.	69-69-69	.50- .82- .65
1889 S. C	189	183 (a)	(a)	.78-1.20- .98
1889 S. Dak	189	1182 (a)	(a)	1.50-3.00-2.67
1889 Tenn	5	724 M.	*b* 60-84-78	.75-1.85-1.07
1889 Tenn	6	21 M.	*c* 66-66-66	.60-1.20- .91
1889 Tenn	189	2346 (a)	(a)	.60-1.65-1.14
1889 Tex	189	588 (a)	(a)	.53-2.50-1.32
1889 Utah	189	968 (a)	(a)	1.75-3.31-2.86
1889 Vt	189	177 (a)	(a)	1.03-1.45-1.33
1889 Va	5	392 M.	*d* 54-77-70	.75-1.50-1.06
1889 Va	16	43 M.	60-60-60	1.00-1.00-1.00
1889 Va	189	1231 (a)	(a)	.75-1.70-1.18
1889 Wash	189	1421 (a)	(a)	2.06-3.34-2.53
1889 W. Va	5	944 M.	*e* 54-84-62	.75-3.22-1.43
1889 W. Va	189	2831 (a)	(a)	.93-2.00-1.41
1889 Wis	5	247 M.	*f* 60-60-60	1.00-2.10-1.62
1889 Wis	189	1203 (a)	(a)	1.37-1.81-1.65
1889 Wyo	189	1091 (a)	(a)	2.00-4.00-2.38
1889 Algeria	632	(a) M.	(a)	.58- .87- —
1889 Australia	422	(a) M.	(a)	*g*.61- .81- —
1889 Australia	422	(a) (a)	48-48-48	1.46-2.19- —
1889 Australia	432	(a) M.	(a)	1.46-1.95- —
1889 Belgium	5	(a) M.	*h* 54-84 —	.19- .96- —
1889 Belgium	5	(a) F.	*i* 62-84 —	.25- .50- —
1889 Belgium	16	(a) M.	(a)	.44- .58- —
1889 Br. India	459	(a) M.	(a)	.02½-.15- —
1889 Canada	5	(a) M.	*j* 54-60 —	.50-1.50- —
1889 Canada	471	(a) M.	47-64 —	1.04-1.54- —
1889 Canada	481	(a) M.	*k* 60-60-60	1.00-2.00- —
1889 C. of G'd H.	483	(a) (a)	(a)	*l*.12-1.46- —
1889 Chile	184	(a) (a)	(a)	1.30-1.30-1.30
1889 China	86	(a) (a)	(a)	.20-1.00- —
1889 China	88	(a) (a)	(a)	.19- .27- —
1889 Denmark	520	(a) (a)	(a)	.46- .65- —
1889 Dutch E. I.	653	(a) (a)	(a)	.06- .40- —
1889 England	5	(a) M.	*m* 46-84—	.18-1.69- —
1889 England	5	(a) F.	54-66 —	.26- .28- —
1889 England	6	(a) M.	*n* 57-57-57	.20-1.02- —
1889 England	6	(a) F.	(a)	.41- .41- .41
1889 England	6	(a) (a)	(a)	.49-1.02- —
1889 England	16	(a) M.	55-55-55	1.11-1.11-1.11
1889 England	16	(a) M.	53-54 —	*o*.12½-.13½- —
1889 England	575	(a) M.	58-60 —	.59- .59- .59
1889 England	576	(a) M.	*p* 42-90 —	.55-1.22- —
1889 England	632	(a) M.	(a)	.81-1.01- —
1889 France	5	(a) M.	*q* 60-84 —	.25-1.05- —
1889 France	6	(a) M.	(a)	.49- .58- —
1889 France	6	(a) F.	(a)	.12- .53- —
1889 France	16	(a) M.	(a)	.39- .97- —
1889 France	17	(a) M.	(a)	.67- .86- —
1889 France	180	(a) (a)	60-60-60	.58- .68- —
1889 France	632	(a) M.	(a)	.48- .58- —
1889 Germany	5	(a) M.	*r* 48-84 —	0.05-1.14- —
1889 Germany	5	(a) F.	*s* 72-72-72	.18- .27- —
1889 Germany	6	(a) M.	*t* 72-72-72	.48- .91- —
1889 Germany	6	(a) F.	(a)	.24- .24- .24
1889 Germany	85	(a) (a)	(a)	.46- .60- —
1889 Germany	113	(a) M.	(a)	.44- .68- —
1889 Germany	514	(a) F.	(a)	.26- .30- —
1889 Germany	514	(a) (a)	*u* 66-66-66	.24- .88- —
1889 Germany	534	(a) (a)	(a)	.38- .88- —
1889 Germany	550	(a) M.	*v* 72-72-72	.48- .83- —
1889 Germany	615	(a) M.	(a)	.24- .71- —
1889 Hawai. Is	93	(a) M.	(a)	.77-1.15- —
1889 Ireland	6	(a) M.	56-56-56	.41- .41- .41
1889 Italy	5	(a) M.	(a)	.29-1.12- —
1889 Italy	95	(a) M.	(a)	.10- .80- —
1889 Italy	637	(a) M.	*w* 48-60 —	.25- .36- —
1889 Jamaica	89	(a) (a)	55-55-55	.50- .50- .50
1889 Lux'burg	128	(a) (a)	(a)	.64- .64- .64
1889 Netherl'ds	516	(a) M.	*v* 48-66 —	.50-1.09- —
1889 Netherl'ds	516	(a) M.	(a)	*x*.05- .05- .05
1889 Netherl'ds	516	(a) F.	*y* 66-66-66	.24- .32- —
1889 N. Zealand	96	(a) M.	(a)	1.58-1.58-1.58
1889 Norway	518	(a) M.	(a)	.45- .58- —
1889 Norway	518	(a) M.	(a)	*z*.27- .27- .27
1889 Norway	518	(a) F.	(a)	.26- .26- .26
1889 Norway	518	(a) F.	(a)	*z*.14- .14- .14
1889 Portugal	691	(a) M.	*bb* 30-84 —	.03-2.70- —
1889 Portugal	691	(a) M.	60-60-60	*cc*.15- .15- .15
1889 Portugal	691	(a) M.	60-60-60	*ee*.17- .17- .17
1889 Portugal	691	(a) F.	*ff* 60-84 —	.11- .32- —
1889 Scotland	5	(a) M.	*ii* 57-66 —	.49-1.34- —
1889 Scotland	6	(a) M.	*y* 57-57-57	.73- .89- —
1889 Spain	515	(a) M.	(a)	.34- .48- —
1889 Spain	515	(a) M.	(a)	*x*.05- .07- —
1889 Wales	576	(a) M.	54-54-54	.91- .91- .91
1890 Ala	5	93 M.	*jj* 55-72-62	.50-2.00-1.47
1890 Ala	6	29 M.	*ll* 66-67-66	.31- .80- .60
1890 Cal	16	17 M.	60-60-60	1.75-2.00-1.87
1890 Cal	195	5 M.	(a)	1.75-1.75-1.75
1890 Conn	6	30 M.	(a)	.92-1.25-1.00
1890 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1890 Conn	203	44 M.	(a)	1.50-1.75-1.64
1890 Del	190	15 M.	60-60-60	1.00-1.67-1.29
1890 Ill	6	335 M.	*rr* 60-60-60	1.00-2.00-1.50
1890 Ill	12	1 M.	60-60-60	1.25-1.25-1.25
1890 Ill	16	389 M.	60-60-60	1.50-1.60-1.51
1890 Ill	19	1 M.	(a)	1.67-1.67-1.67
1890 Ind	6	140 M.	*ss* 60-60-60	.75-1.63-1.26
1890 Kans	244	20 M.	(a)	1.10-1.75-1.43
1890 La	6	20 M.	(a)	.50-1.00- .82
1890 La	16	200 M.	60-60-60	1.50-1.50-1.50
1890 Me	6	1 M.	60-60-60	1.25-1.25-1.25
1890 Md	6	15 M.	*tt* 48-54-51	1.10-1.25-1.13
1890 Md	16	115 M.	60-60-60	1.25-1.50-1.27

a Not reported.
b Not including hours of 407 persons not reported.
c Not including hours of 19 persons not reported.
d Not including hours of 187 persons not reported.
e Not including hours of 472 persons not reported.
f Not including hours of 220 persons not reported.
g And board and lodging.
h Applies to but 69 of the 160 wage quotations.
i Applies to but 12 of the 14 wage quotations.
j Applies to but 28 of the 43 wage quotations.
k Applies to but 1 of the 8 wage quotations.
l And food.
m Applies to but 76 of the 238 wage quotations.
n Applies to but 9 of the 19 wage quotations.
o Per hour; hours at each rate not reported.
p Applies to but 17 of the 25 wage quotations.
q Applies to but 17 of the 46 wage quotations.
r Applies to but 46 of the 205 wage quotations.
s Applies to but 2 of the 27 wage quotations.
t Applies to but 5 of the 21 wage quotations.
u Applies to but 1 of the 21 wage quotations.
v Applies to but 2 of the 6 wage quotations.
w Applies to but 5 of the 7 wage quotations.
x Per hour.
y Applies to but 1 of the 2 wage quotations.
z And board.
bb Applies to but 102 of the 161 wage quotations.
cc And rent.
ee And a ration of wine.
ff Applies to but 13 of the 14 wage quotations.
ii Applies to but 9 of the 12 wage quotations.
jj Not including hours of 35 persons not reported.
ll Not including hours of 6 persons not reported.
rr Not including hours of 37 persons not reported.
ss Not including hours of 20 persons not reported.
tt Not including hours of 11 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1890 Md	190	17 M.	60-60-60	1.20-1.67-1.37
1890 Mass	16	7 M.	60-60-60	1.25-1.50-1.47
1890 Mass	190	159 M.	60-72-61	.90-1.84-1.29
1890 Mich	5	141 M.	60-60-60	1.60-1.80-1.72
1890 Mich	282	991 M.	60-60-60	.33-2.50-1.28
1890 Mich	285	1 M.	(a)	1.50-1.50-1.50
1890 Minn	16	17 M.	60-60-60	1.50-1.75-1.65
1890 Minn	292	1178 M.	(a)	1.00-2.10-1.45
1890 Miss	6	7 M.	(a)	.90-1.00- .99
1890 Mo	6	51 M.	(a)	.75-2.00-1.49
1890 Mo	16	70 M.	54-60-57	1.50-1.50-1.50
1890 Nebr	313	38 M.	(a)	1.20-2.03-1.62
1890 N. H	6	1 M.	60-60-60	1.25-1.25-1.25
1890 N. H	190	6 M.	60-60-60	1.00-1.50-1.25
1890 N. H	190	1 M.	60-60-60	b .75- .75- .75
1890 N. J	6	154 M.	c 48-70-59	.67-2.00-1.26
1890 N. J	190	4 M.	60-60-60	1.50-2.00-1.69
1890 N. Y	6	119 M.	d 59-60-60	.75-2.00-1.30
1890 N. Y	16	433 M.	60-60-60	1.40-1.75-1.69
1890 N. Y	190	259 M.	54-72-61	.81-2.50-1.52
1890 N. Y	333	(e) M.	(a)	.60-2.25-1.57
1890 N. Y	333	1 M.	(a)	f .14- .14- .14
1890 N. C	6	38 M.	g 66-66-66	.50-1.00- .75
1890 N. C	345	2 M.	60-72-66	.65- .75- .70
1890 Ohio	5	94 M.	60-72-60	1.00-1.40-1.37
1890 Ohio	6	171 M.	h 58-60-59	.82-2.00-1.42
1890 Ohio	16	11 M.	54-60-57	1.50-1.75-1.55
1890 Ohio	190	110 M.	60-60-60	1.25-1.25-1.25
1890 Ohio	371	(i) (a)	48-72-60	.75-2.00-1.37
1890 Pa	5	16 M.	60-60-60	1.35-1.35-1.35
1890 Pa	6	280 M.	j 60-60-60	.75-2.00-1.43
1890 Pa	16	212 M.	54-60-54	1.40-1.50-1.49
1890 Pa	190	153 M.	60-60-60	1.00-1.92-1.31
1890 R. I	6	14 M.	(a)	.75-1.43- .99
1890 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1890 Tenn	6	12 M.	k 69-69-69	.30-1.00- .59
1890 Va	16	47 M.	60-60-60	1.00-1.00-1.00
1890 Wis	5	82 M.	60-84-63	1.40-2.15-1.55
1890 Argentina	180	(a) M.	l 66-66-66	.77-1.92- —
1890 Australia	423	(a) M.	(a)	m .61- .81- —
1890 Australia	423	(a) (a)	48-60 —	1.22-2.43- —
1890 Australia	433	(a) M.	(a)	n 1.31-1.31-1.31
1890 Aust-Hun	183	(a) M.	(a)	.23- .82- —
1890 Aust-Hun	632	(a) M.	(a)	.32- .32- .32
1890 Belgium	5	(a) M.	(a)	.18- .77- —
1890 Belgium	6	(a) M.	57-72 —	.24- .68- —
1890 Belgium	16	(a) M.	(a)	.44- .68- —
1890 Brazil	180	(a) M.	(a)	.60- .75- —
1890 Br. India	459	(a) (a)	(a)	.05- .19- —
1890 Br. India	620	(a) M.	57-57-57	.10- .13- —
1890 C. of G'd H.	484	(a) M.	(a)	.37-1.83- —
1890 C. of G'd H.	484	(a) M.	(a)	f .08- .10- —
1890 C. of G'd H.	484	(a) M.	(a)	n .18-1.22- —
1890 Chile	180	(a) M.	60-60-60	1.00-1.25- —
1890 China	180	(a) M.	(a)	.13- .13- .13
1890 Dutch E. I.	654	(a) (a)	(a)	.06- .60- —
1890 Ecuador	180	(a) M.	54-54-54	.75- .75- .75
1890 England	5	(a) M.	(a)	.36-1.06- —
1890 England	16	(a) M.	53-55 —	f .12½-.13½- —
1890 England	180	(a) M.	o 48-72 —	.65-1.22- —
1890 England	180	(a) M.	(a)	f .08½-.10- —
1890 England	576	(a) M.	p 51-63 —	0.61-1.22- —
1890 England	576	(a) M.	l 42-60 —	f .12- .16- —
1890 France	16	(a) M.	(a)	.39- .97- —
1890 France	17	(a) M.	(a)	.70- .93- —
1890 France	180	(a) M.	60-72 —	.55- .78- —
1890 Germany	5	(a) M.	48-72 —	.30- .60- —
1890 Germany	6	(a) M.	q 66-66-66	.16- .80- —
1890 Germany	180	(a) M.	r 60-84 —	.52-1.16- —
1890 Germany	183	(a) M.	s 60-60-60	.14- .53- —
1890 Germany	524	(a) M.	(a)	.12- .18- —
1890 Germany	615	(a) (a)	63-63-63	.50- .71- —
1890 Germany	615	(a) (a)	(a)	f .06½-.07- —
1890 Gr't Brit	575	(a) M.	51-56 —	.97-1.06- —
1890 Gr't Brit	577	(a) M.	(a)	.85- .85- .85
1890 Gr't Brit	632	(a) M.	t 50-54 —	.55-1.05- —
1890 Ireland	6	(a) (a)	56-56-56	.45- .49- —
1890 Ireland	180	(a) M.	l 58-58-58	.49- .65- —
1890 Italy	638	(a) M.	u 48-60 —	.29- .42- —
1890 Italy	638	(a) F.	(a)	.49- .49- .49
1890 Lux'burg	128	(a) (a)	(a)	.66- .66- .66
1890 Netherl'ds	180	(a) M.	63-63-63	.58- .63- —
1890 Netherl'ds	666	(a) M.	v 57-96 —	.32- .90- —
1890 Netherl'ds	666	(a) M.	(a)	f .03½-.08- —
1890 Netherl'ds	666	(a) F.	l 78-78-78	.13- .30- —
1890 N. Zealand	180	(a) M.	48-48-48	1.58-1.58-1.58
1890 N. Zealand	683	(a) (a)	(a)	1.22-2.19- —
1890 Norway	184	(a) M.	(a)	.57- .68- —
1890 Norway	184	(a) M.	(a)	b .33- .33- .33
1890 Norway	184	(a) F.	(a)	.31- .31- .31
1890 Norway	184	(a) F.	(a)	b .23- .23- .23
1890 Norway	686	(a) M.	(a)	.46- .61- —
1890 Norway	686	(a) F.	(a)	.27- .31- —
1890 Norway	688	(a) M.	(a)	.40- .60- —
1890 Norway	688	(a) M.	(a)	b .21- .47- —
1890 Norway	690	(a) M.	(a)	.44- .58- —
1890 Norway	690	(a) M.	(a)	b .23- .40- —
1890 Norway	690	(a) F.	(a)	.24- .38- —
1890 Norway	690	(a) F.	(a)	b .12- .20- —
1890 Russia	694	(a) M.	(a)	.34- .78- —
1890 Russia	694	(a) F.	(a)	.27- .61- —
1890 Scotland	6	(a) M.	56-56-56	.53- .81- —
1890 Scotland	180	(a) M.	60-72 —	.81- .85- —
1890 Spain	632	(a) (a)	(a)	.05-1.45- —
1890 Switzerl'd	6	(a) M.	(a)	.31- .98- —
1890 Switzerl'd	180	(a) M.	60-60-60	.68- .73- —
1890 Tobago Is	95	(a) M.	(a)	.16- .16- .16
1890 Wales	576	(a) M.	54-54-54	.97- .97- .97
1891 Cal	16	19 M.	60-60-60	1.75-2.00-1.84
1891 Conn	190	1 M.	60-60-60	1.50-1.50-1.50
1891 Del	190	15 M.	60-60-60	1.00-1.67-1.29
1891 Ill	6	15 M.	60-60-60	1.50-1.75-1.63
1891 Ill	16	439 M.	60-60-60	1.50-1.60-1.51
1891 Ill	19	1 M.	(a)	1.67-1.67-1.67
1891 Kans	245	202 M.	36-72-63	1.50-2.00-1.64
1891 Kans	246	84 M.	60-60-60	1.66-2.05-1.73
1891 La	16	100 M.	60-60-60	1.50-1.50-1.50
1891 Me	257	88 M.	w 60-84-61	.87-2.00-1.44
1891 Me	257	4 M.	(a)	f .20- .20- .20
1891 Md	16	115 M.	60-60-60	1.25-1.50-1.27
1891 Md	190	20 M.	60-60-60	1.20-1.67-1.40
1891 Mass	16	14 M.	60-60-60	1.25-1.50-1.45

a Not reported.
b And board.
c Not including hours of 106 persons not reported.
d Not including hours of 68 persons not reported.
e 14,946 employees.
f Per hour.
g Not including hours of 35 persons not reported.
h Not including hours of 120 persons not reported.
i 12,151 employees.
j Not including hours of 201 persons not reported.
k Not including hours of 11 persons not reported.
l Applies to but 1 of the 2 wage quotations.
m And board and lodging.
n And food.
o Applies to but 19 of the 33 wage quotations.
p Applies to but 17 of the 26 wage quotations.
q Applies to but 2 of the 66 wage quotations.
r Applies to but 16 of the 19 wage quotations.
s Applies to but 1 of the 3 wage quotations.
t Applies to but 23 of the 24 wage quotations.
u Applies to but 5 of the 13 wage quotations.
v Applies to but 13 of the 23 wage quotations.
w Not including hours of 36 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Re-p't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1891 Mass	190	183 M.	60-72-61	0.90-1.84-1.31
1891 Mich	191	3 M.	60-60-60	1.25-1.50-1.33
1891 Mich	282	16 M.	60-60-60	1.25-1.25-1.25
1891 Mich	285	1 M.	(a)	1.55-1.55-1.55
1891 Minn	16	17 M.	60-60-60	1.50-1.75-1.65
1891 Minn	191	2 M.	60-60-60	1.60-1.75-1.68
1891 Minn	191	232 M.	(a)	b .84-1.15- .91
1891 Mo	16	75 M.	54-60-58	1.50-1.50-1.50
1891 Mo	300	367 M.	(a)	1.02-2.07-1.36
1891 N. H	190	6 M.	60-60-60	.75-1.50-1.08
1891 N. J	6	4 M.	c 60-60-60	1.00-1.50-1.31
1891 N. J	190	3 M.	60-60-60	1.50-1.75-1.67
1891 N. Y	16	515 M.	60-60-60	1.40-1.75-1.62
1891 N. Y	190	250 M.	54-72-62	.84-2.50-1.54
1891 N. Y	333	(d) M.	(a)	.60-2.75-1.43
1891 N. Y	333	5 M.	(a)	e .14- .14- .14
1891 N. C	346	9 M.	60-72-64	.38-1.50- .85
1891 Ohio	16	49 M.	54-60-59	1.50-2.00-1.58
1891 Ohio	190	133 M.	60-60-60	1.25-1.50-1.29
1891 Ohio	372	(f) M.	g 12-72-59	.60-2.00-1.40
1891 Pa	16	162 M.	54-54-54	1.40-1.50-1.49
1891 Pa	190	131 M.	60-60-60	1.00-2.00-1.31
1891 R. I	190	5 M.	60-60-60	1.10-1.10-1.10
1891 S. C	9	10 M.	60-60-60	1.00-1.00-1.00
1891 Va	16	42 M.	60-60-60	1.00-1.00-1.00
1891 Wis	191	40 M.	60-60-60	1.50-1.60-1.55
1891 Wis	411	166 M.	(a)	1.00-1.71-1.36
1891 Wis	411	348 M.	(a)	e .10- .20- .15
1891 Australia	134	(a) M.	(a)	1.53-1.53-1.53
1891 Australia	433	(a) M.	(a)	1.31-1.31-1.31
1891 Australia	433	(a) M.	(a)	h 1.31-1.31-1.31
1891 Aust-Hun	134	(a) M.	(a)	.34- .34- .34
1891 Aust-Hun	632	(a) M.	(a)	.21- .45- —
1891 Aust-Hun	632	(a) M.	(a)	b .11- .25- —
1891 Belgium	16	(a) M.	(a)	.44- .77- —
1891 Belgium	457	(a) M.	i 48-78 —	.09½-.87- —
1891 Belgium	457	(a) F.	j 48-78 —	.14- .42- —
1891 Belgium	632	(a) (a)	(a)	.48- .58- —
1891 Br. India	459	(a) (a)	(a)	.04- .16- —
1891 Br. India	620	(a) M.	k 48-60 —	.04½-.35- —
1891 Br. India	620	(a) F.	(a)	.04- .04½- —
1891 Canada	191	(a) M.	66-66-66	.60-2.09- —
1891 Canada	191	(a) M.	(a)	b .46- .84- —
1891 C. of G'd H	485	(a) (a)	(a)	b .24-1.22- —
1891 China	105	(a) (a)	(a)	.15- .15- .15
1891 Denmark	493	(a) M.	(a)	.80- .80- .80
1891 Dutch E. I	655	(a) (a)	(a)	.06- .60- —
1891 England	16	(a) M.	53-55 —	e .12- .13- —
1891 England	576	(a) M.	l 53-53-53	.77-1.46- —
1891 England	578	(a) M.	50-60 —	.65- .97- —
1891 England	604	(a) M.	(a)	.89-1.04- —
1891 England	632	(a) M.	m 48-54 —	.73-1.82- —
1891 France	16	(a) M.	(a)	.39- .97- —
1891 France	17	(a) M.	(a)	.70- .93- —
1891 France	102	(a) M.	60-72 —	.48-1.35- —
1891 France	505	(a) M.	48-84 —	.43-1.59- —
1891 France	505	(a) M.	59-77 —	o .82-1.16- —
1891 France	505	(a) F.	60-84 —	.39- .72- —
1891 Germany	11	(a) M.	(a)	.53- .57- —
1891 Germany	103	(a) M.	(a)	.12- .48- —
1891 Germany	103	(a) F.	(a)	.10- .36- —
1891 Germany	559	(a) M.	(a)	.57- .71- —
1891 Gr't Brit	576	(a) M.	p 60-60-60	0.49-1.36- —
1891 Ireland	604	(a) M.	(a)	.66- .66- .66
1891 Italy	614	(a) M.	(a)	.37- .42- —
1891 Italy	632	(a) M.	(a)	.15- .51- —
1891 Italy	634	(a) M.	(a)	.31- .43- —
1891 Italy	638	(a) M.	q 48-72 —	.15-1.16- —
1891 Italy	638	(a) F.	65-66 —	.19- .29- —
1891 Italy	639	(a) M.	69-69-69	.23- .58- —
1891 Lux'burg	128	(a) (a)	(a)	.68- .68- .68
1891 Netherl'ds	632	(a) (a)	(a)	1.28-1.28-1.28
1891 N. Zealand	667	(a) (a)	(a)	1.22-2.43- —
1891 Nicaragua	106	(a) (a)	(a)	.34- .68- —
1891 Norway	108	(a) M.	(a)	.50- .55- —
1891 Norway	108	(a) F.	(a)	.26- .40- —
1891 Russia	695	(a) M.	(a)	.18- .35- —
1891 Russia	695	(a) F.	(a)	.11- .26- —
1891 Scotland	576	(a) (a)	(a)	1.00-1.10- —
1891 Scotland	577	(a) M.	60-60-60	.67- .85- —
1891 Scotland	604	(a) M.	(a)	.90- .90- .90
1891 Spain	632	(a) (a)	(a)	.34- .34- .34
1891 Switzerl'd	632	(a) (a)	(a)	e .06- .06- .06
1892 Cal	16	13 M.	60-60-60	1.33-1.75-1.56
1892 Cal	196	961 M.	r 48-66-60	1.00-2.25-1.93
1892 Cal	196	144 M.	60-60-60	b 1.15-1.25-1.15
1892 Conn	20	21 M.	54-54-54	2.13-2.13-2.13
1892 Conn	190	3 M.	60-60-60	.83-1.50-1.28
1892 Del	20	149 M.	60-60-60	1.00-2.00-1.30
1892 Del	190	16 M.	60-60-60	1.17-1.50-1.30
1892 Fla	9	36 M.	60-60-60	1.00-1.25-1.09
1892 Ill	16	534 M.	60-60-60	1.50-1.75-1.51
1892 Ill	19	2 M.	59-60-60	1.50-1.67-1.59
1892 Ind	227	1268 M.	48-66-59	.72-1.77-1.29
1892 Iowa	235	183 M.	s 54-96-61	.76-1.80-1.34
1892 Kans	246	99 M.	60-60-60	1.60-1.75-1.62
1892 La	16	200 M.	60-60-60	1.50-1.50-1.50
1892 Me	258	233 M.	60-60-60	1.41-1.84-1.52
1892 Md	16	115 M.	60-60-60	1.25-1.50-1.27
1892 Md	190	18 M.	60-60-60	1.20-1.67-1.32
1892 Mass	8	11 M.	60-60-60	1.00-2.00-1.41
1892 Mass	16	25 M.	60-60-60	1.25-1.50-1.42
1892 Mass	20	161 M.	t 58-60-60	.80-1.75-1.47
1892 Mass	190	144 M.	60-72-61	1.25-2.00-1.44
1892 Mich	191	3 M.	60-60-60	1.25-1.50-1.33
1892 Mich	284	803 M.	u 54-60-60	.75-2.00-1.32
1892 Mich	285	1 M.	(a)	1.50-1.50-1.50
1892 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1892 Minn	191	82 M.	60-60-60	1.60-1.75-1.75
1892 Minn	191	234 M.	(a)	b .84-1.15- .91
1892 Mo	16	72 M.	54-60-58	1.50-1.50-1.50
1892 Mo	301	3 M.	(a)	1.50-1.50-1.50
1892 N. H	190	11 M.	60-60-60	1.25-1.25-1.25
1892 N. J	190	3 M.	60-60-60	1.67-1.75-1.72
1892 N. Y	16	844 M.	60-60-60	1.40-1.75-1.71
1892 N. Y	20	6 M.	v 54-60-57	1.50-2.00-1.60
1892 N. Y	190	215 M.	60-66-61	1.00-2.50-1.78
1892 Ohio	16	36 M.	54-60-59	1.50-2.00-1.63
1892 Ohio	20	60 M.	60-72-63	1.00-2.00-1.43
1892 Ohio	190	171 M.	60-60-60	1.00-1.75-1.46
1892 Ohio	373	2469 M.	w 36-84-59	.75-3.00-1.45
1892 Pa	16	133 M.	54-54-54	1.40-1.50-1.50
1892 Pa	20	157 M.	60-60-60	1.00-1.83-1.35
1892 Pa	190	183 M.	54-60-60	1.20-2.00-1.40

a Not reported.
b And board.
c Not including hours of 1 person not reported.
d 21,131 employees.
e Per hour.
f 14,119 employees.
g Not including hours of 10 persons not reported.
h And food.
i Applies to but 131 of the 166 wage quotations.
j Applies to but 37 of the 52 wage quotations.
k Applies to but 9 of the 11 wage quotations.
l Applies to but 1 of the 4 wage quotations.
n Applies to but 3 of the 5 wage quotations.
o And *gratifications*.
p Applies to but 1 of the 2 wage quotations.
q Applies to but 43 of the 85 wage quotations.
r Not including hours of 7 persons not reported.
s Not including hours of 45 persons not reported.
t Not including hours of 111 persons not reported.
u Not including hours of 339 persons not reported.
v Not including hours of 2 persons not reported.
w Not including hours of 95 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1892 R. I	399	194 M.	53-60-59	1.25-1.75-1.55
1892 S. C	9	414 M.	60-60-60	1.00-1.00-1.00
1892 Vt	8	1 M.	60-60-60	1.25-1.25-1.25
1892 Va	16	43 M.	60-60-60	1.00-1.00-1.00
1892 Wis	191	40 M.	60-60-60	1.50-1.60-1.55
1892 Algeria	505	(a) M.	*b* 57-77 —	.29- .87- —
1892 Algeria	505	(a) M.	72-74 —	*c*.64- .68- —
1892 Algeria	505	(a) M.	67-70 —	*d*.48-1.01- —
1892 Algeria	505	(a) F.	60-70 —	.24- .48- —
1892 Australia	114	(a) M.	(a)	.97-1.82- —
1892 Australia	414	(a) (a)	(a)	1.46-2.43- —
1892 Australia	414	(a) (a)	(a)	*e*.61-1.22- —
1892 Australia	424	(a) M.	*f* 48-48-48	.41-2.43- —
1892 Australia	424	(a) M.	(a)	*g*.47- .95- —
1892 Australia	424	(a) F.	(a)	.33-2.31- —
1892 Belgium	16	(a) M.	(a)	.44- .77- —
1892 Br. India	459	(a) (a)	(a)	.03- .08- —
1892 Canada	191	(a) M.	66-66-66	.60-2.09- —
1892 Canada	191	(a) M.	(a)	*h* .50- .92- —
1892 Canary Is	617	(a) M.	(a)	.29- .43- —
1892 C. of G'd H.	486	(a) M.	(a)	.24-2.43- —
1892 C. of G'd H.	486	(a) M.	(a)	*h* .12- .97- —
1892 China	111	(a) (a)	(a)	.30- .30- .30
1892 Corsica	505	(a) M.	*i* 60-74 —	.28- .52- —
1892 Denmark	595	(a) M.	(a)	.61- .77- —
1892 Dutch E. I.	656	(a) (a)	(a)	.08- .60- —
1892 England	11	(a) M.	(a)	1.22-1.22-1.22
1892 England	16	(a) M.	50-55 —	1.11-1.19- —
1892 England	111	(a) M.	*j* 53-54 —	.36-1.21- —
1892 England	577	(a) M.	*k* 53-54 —	.49-1.01- —
1892 England	578	(a) M.	50-60 —	.65-1.10- —
1892 England	632	(a) M.	*l* 45-72 —	.49-1.75- —
1892 England	632	(a) M.	(a)	*m*.08- .15- —
1892 France	16	(a) M.	(a)	.44- .97- —
1892 France	17	(a) M.	(a)	.70- .93- —
1892 France	119	(a) M.	*n* 60-66 —	.60- .77- —
1892 France	119	(a) M.	(a)	*m*.07- .07- .07
1892 France	505	(a) M.	*o* 48-84 —	.09½-1.54- —
1892 France	505	(a) M.	*p* 69-72 —	*q*.09½- .39- —
1892 France	505	(a) M.	*r* 60-84 —	*c*.24- .77- —
1892 France	505	(a) M.	53-77 —	*s* .39-1.06- —
1892 France	505	(a) M.	48-84 —	*t* .29- .82- —
1892 France	505	(a) M.	*u* 70-81 —	*v* .43-1.06- —
1892 France	505	(a) M.	60-84 —	*d*.39-1.16- —
1892 France	505	(a) F.	*w* 48-84 —	.11-1.16- —
1892 France	505	(a) F.	*p* 60-72 —	*c*.16- .34- —
1892 France	505	(a) F.	53-70 —	*s* .29- .48- —
1892 France	505	(a) F.	57-63 —	*t* .17- .48- —
1892 France	505	(a) F.	60-84 —	*d*.29- .68- —
1892 France	632	(a) M.	(a)	.62- .99- —
1892 Germany	559	(a) M.	(a)	.38- .71- —
1892 Germany	667	(a) (a)	(a)	.45- .51- —
1892 Germany	667	(a) (a)	(a)	*m*.06½-.06½-.06¼
1892 Ireland	632	(a) M.	*x* 53-63 —	.57-1.42- —
1892 Italy	639	(a) M.	*y* 60-72 —	0.08½-0.53- —
1892 Italy	641	(a) M.	(a)	.45- .45- .45
1892 Japan	132	(a) (a)	(a)	.10- .23- —
1892 Japan	646	(a) (a)	(a)	.13- .21- —
1892 Lux'burg	128	(a) (a)	(a)	.65- .65- .65
1892 Paraguay	113	(a) M.	(a)	.28- .28- .28
1892 Russia	692	(a) M.	(a)	*c*.30- .36- —
1892 Russia	692	(a) (a)	(a)	.12- .60- —
1892 Russia	696	(a) M.	(a)	.28- .48- —
1892 Russia	696	(a) F.	(a)	.17- .31- —
1892 Scotland	11	(a) (a)	(a)	1.14-1.14-1.14
1892 Scotland	632	(a) M.	*z* 51-60 —	.61-1.22- —
1892 Senegal	505	(a) M.	54-54-54	.39- .39- .39
1892 Spain	115	(a) M.	(a)	.30- .40- —
1892 Spain	134	(a) (a)	(a)	.46- .46- .46
1892 Wales	632	(a) M.	*cc* 60-60-60	.73-1.22- —
1893 Cal	16	15 M.	60-60-60	1.50-2.00-1.73
1893 Conn	20	21 M.	54-54-54	2.13-2.13-2.13
1893 Del	20	136 M.	60-60-60	.83-2.00-1.31
1893 Ill	10	1152 M.	*ee* 40-84-60	.33-2.75-1.49
1893 Ill	10	2 M.	65-72-69	*h* .67-1.17- .92
1893 Ill	16	325 M.	60-60-60	1.50-1.75-1.51
1893 Ill	19	2 M.	59-60-60	1.67-1.67-1.67
1893 Ill	215	1070 M.	(a)	1.40-1.75-1.68
1893 Kans	247	1 M.	(a)	1.50-1.50-1.50
1893 La	16	100 M.	60-60-60	1.50-1.50-1.50
1893 Me	259	483 M.	(a)	1.62-1.62-1.62
1893 Md	10	1374 M.	*ff* 42-95-61	.25-3.00-1.25
1893 Md	16	115 M.	60-60-60	1.25-1.50-1.27
1893 Mass	8	11 M.	60-60-60	1.00-2.00-1.50
1893 Mass	16	14 M.	60-60-60	1.25-1.50-1.47
1893 Mass	20	136 M.	*ii* 58-60-59	.87-1.75-1.52
1893 Mich	191	3 M.	60-60-60	1.25-1.50-1.33
1893 Mich	285	225 M.	*jj* 48-72-60	.96-2.00-1.31
1893 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1893 Minn	191	82 M.	60-60-60	1.50-1.70-1.62
1893 Minn	191	335 M.	(a)	*h* .61-1.15- .79
1893 Mo	16	93 M.	54-60-58	1.50-1.50-1.50
1893 Mo	302	936 M.	*ll* 60-72-61	1.29-2.00-1.80
1893 Mo	303	55 M.	(a)	.69-1.82-1.46
1893 Mont	307	21 M.	*ss* 54-66-55	1.50-2.50-1.78
1893 Mont	307	6 M.	54-54-54	*q* 1.53-1.53-1.53
1893 N. H	315	9 M.	*ss* 55-60-59	1.00-2.00-1.36
1893 N. J	8	11 M.	60-84-73	1.20-1.55-1.39
1893 N. Y	10	1701 M.	*jj* 42-84-59	.67-3.00-1.37
1893 N. Y	16	932 M.	60-60-60	1.40-1.75-1.71
1893 N. Y	20	4 M.	54-60-57	1.50-2.00-1.71
1893 N. Y	333	1 M.	(a)	.75- .75- .75
1893 N. C	8	2 M.	60-60-60	.75- .75- .75
1893 Ohio	16	72 M.	53-60-57	1.35-2.00-1.73
1893 Ohio	20	59 M.	60-72-61	1.25-1.85-1.42
1893 Ohio	374	(*tt*) M.	*zz* 36-72-59	.50-2.75-1.41
1893 Pa	10	979 M.	48-84-60	.25-3.00-1.37
1893 Pa	16	141 M.	54-54-54	1.40-1.50-1.49

a Not reported.
b Applies to but 26 of the 31 wage quotations.
c And lodging.
d And *gratifications*.
e And found.
f Applies to but 1 of the 18 wage quotations.
g And rations.
h And board.
i Applies to but 8 of the 10 wage quotations.
j Applies to but 5 of the 11 wage quotations.
k Applies to but 4 of the 6 wage quotations.
l Applies to but 170 of the 181 wage quotations.
m Per hour.
n Applies to but 4 of the 7 wage quotations.
o Applies to but 1,279 of the 1,342 wage quotations.
p Applies to but 3 of the 4 wage quotations.
q And board and lodging.
r Applies to but 12 of the 13 wage quotations.
s And lodging and fuel.
t And fuel.
u Applies to but 2 of the 9 wage quotations.
v And premiums.
w Applies to but 182 of the 190 wage quotations.
x Applies to but 7 of the 10 wage quotations.
y Applies to but 39 of the 40 wage quotations.
z Applies to but 9 of the 13 wage quotations.
cc Applies to but 2 of the 4 wage quotations.
ee Not including hours of 6 persons not reported.
ff Not including hours of 4 persons not reported.
ii Not including hours of 107 persons not reported.
jj Not including hours of 17 persons not reported.
ll Not including hours of 110 persons not reported.
ss Not including hours of 2 persons not reported.
tt 13,532 employees.
zz Not including hours of 1,712 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1893 Pa	20	255 M.	60-60-60	1.10-1.83-1.34
1893 R. I	400	6 M.	(a)	2.00-2.00-2.00
1893 Va	16	47 M.	60-60-60	1.00-1.00-1.00
1893 Wis	191	50 M.	60-60-60	1.50-1.60-1.52
1893 Wis	412	418 M.	(a)	.75-1.76-1.46
1893 Wis	412	440 M.	(a)	b .12½-.20-.14½
1893 Wis	412	38 M.	(a)	c .50- .84- .81
1893 Australia	424	(a) M.	48-48-48	.65-2.19- —
1893 Aust-Hun	448	(a) M.	60-78 —	.20-1.08- —
1893 Aust-Hun	448	(a) M.	78-78-78	d .17- .34- —
1893 Belgium	16	(a) M.	(a)	.44- .77- —
1893 Br. India	459	(a) (a)	(a)	.03½-.13- —
1893 Canada	191	(a) M.	66-66-66	.60-2.09- —
1893 Canada	191	(a) M.	(a)	c .54- .96- —
1893 C. of G'd H.	486	(a) M.	(a)	.61- .61- .61
1893 China	119	(a) M.	(a)	.10- .10- .10
1893 Dutch E. I.	657	(a) (a)	(a)	.06- .60- —
1893 England	16	(a) M.	50-55 —	1.11-1.19- —
1893 England	578	(a) M.	48-84 —	.41-1.58- —
1893 England	583	(a) M.	(a)	.69-1.54- —
1893 England	583	(a) M.	(a)	b .08- .13- —
1893 France	16	(a) M.	(a)	.97- .97- .97
1893 France	17	(a) M.	(a)	.44- .93- —
1893 France	507	(a) F.	60-72 —	.39- .48- —
1893 France	507	(a) (a)	54-72 —	.29-1.16- —
1893 Germany	11	(a) M.	(a)	.56- .91- —
1893 Germany	119	(a) M.	(a)	.58- .83- —
1893 Germany	121	(a) M.	99-99-99	.20- .20- .20
1893 Germany	184	(a) M.	(a)	.12- .60- —
1893 Germany	184	(a) F.	(a)	.09½-.38- —
1893 Germany	559	(a) M.	(a)	.45- .71- —
1893 Germany	560	(a) M.	(a)	b .06- .08½- —
1893 Gr't Brit.	578	(a) M.	e 48-54 —	1.00-1.42- —
1893 Ireland	583	(a) M.	(a)	.77- .77- .77
1893 Ireland	632	(a) M.	60-60-60	.41- .41- .41
1893 Italy	632	(a) M.	(a)	.28- .31- —
1893 Italy	639	(a) M.	f 54-72 —	.19-1.16- —
1893 Italy	639	(a) F.	g 66-66-66	.19- .48- —
1893 Lux'burg	128	(a) M.	(a)	.45- .69- —
1893 Netherl'ds	664	(a) M.	60-60-60	.24- .96- —
1893 Netherl'ds	664	(a) F.	60-60-60	.24- .58- —
1893 N. Zealand	668	(a) M.	h 48-60 —	.89-2.31- —
1893 N. Zealand	682	(a) (a)	(a)	1.22-2.19- —
1893 Norway	689	(a) M.	(a)	.54- .89- —
1893 Russia	697	(a) M.	(a)	.21- .48- —
1893 Russia	697	(a) F.	(a)	.15- .31- —
1893 Scotland	578	(a) M.	54-54-54	.82-1.00- —
1893 Scotland	583	(a) M.	(a)	.95-1.04- —
1893 Scotland	632	(a) M.	(a)	.89- .89- .89
1893 Wales	632	(a) F.	i 56-56-56	.18- .41- —
1894 Cal.	16	10 M.	60-60-60	1.50-2.00-1.75
1894 Conn	20	14 M.	54-54-54	2.13-2.13-2.13
1894 Del	20	87 M.	60-60-60	.83-2.00-1.27
1894 Ga	8	13 M.	60-60-60	.60- .80- .73
1894 Ill	16	155 M.	60-60-60	1.50-1.50-1.50
1894 Ind	228	47 M.	48-64-56	1.25-1.57-1.41
1894 Iowa	236	267 M.	j 48-84-62	.67-2.25-1.43
1894 Kans	247	16 M.	(a)	1.43-1.43-1.43
1894 Kans	248	211 M.	62-62-62	1.05-1.05-1.05
1894 La	16	100 M.	60-60-60	1.25-1.25-1.25
1894 Me	260	43 M.	57-66-60	1.00-2.00-1.47
1894 Md	8	44 M.	60-72-68	1.00-1.50-1.33
1894 Md	16	115 M.	60-60-60	1.25-1.25-1.25
1894 Mass	8	37 M.	54-72-64	.83-2.00-1.51
1894 Mass	16	11 M.	60-60-60	1.25-1.50-1.43
1894 Mass	20	133 M.	k 58-60-59	.75-1.75-1.56
1894 Mich	191	3 M.	60-60-60	1.13-1.38-1.25
1894 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1894 Minn	191	85 M.	60-60-60	1.25-1.75-1.50
1894 Minn	191	336 M.	(a)	c .61-1.00- .70
1894 Mo	16	100 M.	54-60-58	1.50-1.50-1.50
1894 Mont	308	210 M.	(a)	1.46-2.42-2.15
1894 Mont	308	254 M.	(a)	d 1.22-1.22-1.22
1894 Mont	309	1 M.	(a)	a 2.17-2.17-2.17
1894 N. H	316	12 M.	l 54-69-60	1.17-2.00-1.53
1894 N. Y	8	117 M.	60-60-60	.60-2.00-1.34
1894 N. Y	16	3981 M.	60-60-60	1.40-1.80-1.51
1894 N. Y	20	7 M.	n 54-60-58	1.50-2.00-1.64
1894 N. C	8	56 M.	60-72-62	.40-1.50- .79
1894 N. C	348	4 (a)	60-72-68	.40-1.50- .82
1894 Ohio	16	6 M.	54-54-54	1.50-1.50-1.50
1894 Ohio	20	59 M.	60-72-62	.60-2.00-1.41
1894 Ohio	374	272 M.	o 66-66-66	.83-3.33-1.57
1894 Ohio	375	(p) M.	q 30-72-59	.50-2.16-1.36
1894 Pa	16	248 M.	54-54-54	1.40-1.50-1.50
1894 Pa	20	93 M.	60-60-60	1.10-1.83-1.28
1894 R. I	401	151 (a)	(a)	.75-1.75-1.17
1894 Va	16	42 M.	60-60-60	1.00-1.00-1.00
1894 W. Va	406	11 M.	48-60-59	.80-1.83-1.35
1894 Wis	191	35 M.	60-60-60	1.25-1.25-1.25
1894 Australia	176	(a) (a)	(a)	.61- .93- —
1894 Australia	416	(a) (a)	(a)	1.22-1.70- —
1894 Australia	425	(a) M.	(a)	d .41- .61- —
1894 Australia	425	(a) (a)	r 48-48-48	.65-2.23- —
1894 Aust-Hun	434	(a) M.	s 42-72 —	.20-1.02- —
1894 Aust-Hun	434	(a) M.	66-66-66	t .26-1.06- —
1894 Aust-Hun	434	(a) F.	63-66 —	.17- .41- —
1894 Aust-Hun	434	(a) F.	66-66-66	t .30- .46- —
1894 Aust-Hun	438	(a) M.	48-60 —	.28- .42- —
1894 Aust-Hun	438	(a) F.	48-60 —	.26- .26- .26
1894 Belgium	16	(a) M.	(a)	.44- .77- —
1894 Br. India	459	(a) (a)	(a)	.02- .10- —
1894 Canada	187	(a) M.	60-60-60	1.13-1.50- —
1894 Canada	191	(a) M.	66-66-66	.60-2.09- —
1894 Canada	191	(a) M.	(a)	c .50- .84- —
1894 C. of G'd H.	487	(a) M.	u 48-72 —	.28-1.57- —
1894 C. of G'd H.	487	(a) M.	v 48-72 —	c .09¼-1.01- —
1894 C. of G'd H.	487	(a) F.	60-66 —	.30- .37- —
1894 Dutch E. I.	658	(a) (a)	(a)	.06- .60- —
1894 England	16	(a) M.	50-55 —	1.11-1.19- —
1894 England	127	(a) M.	w 53-54 —	.73- .87- —
1894 England	128	(a) M.	50-50-50	.89- .93- —
1894 England	585	(a) M.	(a)	.32- .73- —
1894 England	590	(a) M.	(a)	.65-1.10- —
1894 England	590	(a) M.	(a)	b .06- .13- —
1894 France	11	(a) M.	(a)	.59- .59- .59
1894 France	16	(a) M.	(a)	.44- .97- —
1894 France	17	(a) M.	(a)	.70- .93- —
1894 France	127	(a) M.	60-60-60	.68- .68- .68
1894 France	128	(a) M.	54-54-54	1.04-1.04-1.04
1894 France	128	(a) M.	(a)	b .09¼- .16¼- —
1894 France	129	(a) M.	x 60-60-60	.48-1.45- —

a Not reported.
b Per hour.
c And board.
d And board and lodging.
e Applies to but 3 of the 5 wage quotations.
f Applies to but 38 of the 77 wage quotations.
g Applies to but 4 of the 6 wage quotations.
h Applies to but 10 of the 24 wage quotations.
i Applies to but 1 of the 2 wage quotations.
j Not including hours of 8 persons not reported.
k Not including hours of 117 persons not reported.
l Not including hours of 1 person not reported.
n Not including hours of 2 persons not reported.
o Not including hours of 91 persons not reported.
p 14,095 employees.
q Not including hours of 932 persons not reported.
r Applies to but 3 of the 25 wage quotations.
s Applies to but 15 of the 16 wage quotations.
t And lodging and fuel.
u Applies to but 38 of the 45 wage quotations.
v Applies to but 7 of the 8 wage quotations.
w Applies to but 3 of the 4 wage quotations.
x Applies to but 5 of the 17 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1894 France	508	(a) M.	b48-78 —	0.29-1.27- —
1894 France	508	(a) M.	(a)	c.06- .11½- —
1894 France	508	(a) F.	60-60-60	.29- .29- .29
1894 France	508	(a) (a)	60-60-60	.23- .23- .23
1894 Germany	11	(a) M.	(a)	.65-1.41- —
1894 Germany	127	(a) M.	d60-60-60	.60- .99- —
1894 Germany	559	(a) M.	(a)	.45- .74- —
1894 Gr't Brit	584	(a) M.	(a)	.77- .81- —
1894 Ireland	127	(a) M.	54-54-54	.57- .67- —
1894 Ireland	585	(a) M.	(a)	e.19- .19- .19
1894 Ireland	590	(a) M.	(a)	.64- .77- —
1894 Italy	127	(a) M.	f60-60-60	.40- .60- —
1894 Italy	640	(a) M.	(a)	.42- .58- —
1894 Japan	647	(a) (a)	(a)	.10- .19- —
1894 Lux'burg	128	(a) (a)	(a)	.68- .68- .68
1894 Netherl'ds	127	(a) M.	65-65-65	.70- .70- .70
1894 Netherl'ds	662	(a) M.	(a)	c.03- .09- —
1894 N. Zealand	669	(a) M.	(a)	1.10-2.31- —
1894 Russia	698	(a) M.	(a)	.21- .34- —
1894 Russia	698	(a) F.	(a)	.14- .22- —
1894 Scotland	127	(a) M.	g54-54-54	.79- .90- —
1894 Scotland	590	(a) M.	(a)	.66-1.01- —
1894 Scotland	590	(a) M.	(a)	c.11- .12- —
1894 Spain	632	(a) (a)	(a)	.14- .43- —
1894 Wales	590	(a) M.	(a)	.85- .97- —
1894 Wales	590	(a) M.	(a)	c.09- .11- —
1895 Ala	7	15 M.	60-66-64	.50- .90- .69
1895 Cal	16	20 M.	60-60-60	1.50-2.00-1.76
1895 Conn	7	21 M.	59-72-67	.75-1.75-1.43
1895 Conn	8	46 M.	60-60-60	1.25-1.63-1.59
1895 Conn	20	19 M.	54-54-54	2.13-2.13-2.13
1895 Del	20	105 M.	60-60-60	.83-1.83-1.23
1895 Fla	8	12 M.	60-63-62	.60-1.00- .80
1895 Ga	7	14 M.	51-66-61	.83-1.50-1.14
1895 Ga	8	6 M.	66-66-66	.70-1.00- .80
1895 Ill	16	129 M.	60-60-60	1.50-1.50-1.50
1895 Kans	249	46 M.	42-72-60	.75-2.30-1.54
1895 Ky	7	6 M.	60-60-60	1.00-1.33-1.08
1895 La	7	73 M.	60-63-63	.75-2.00-1.19
1895 La	16	75 M.	60-60-60	1.25-1.25-1.25
1895 Me	7	132 M.	60-60-60	.92-2.77-1.63
1895 Me	8	12 M.	60-60-60	1.25-1.50-1.42
1895 Md	7	44 M.	60-60-60	1.00-2.00-1.41
1895 Md	8	44 M.	60-90-79	1.00-1.50-1.16
1895 Md	16	110 M.	60-60-60	1.25-1.50-1.27
1895 Mass	7	57 M.	41-60-58	.67-2.17-1.39
1895 Mass	8	191 M.	54-72-60	.80-2.00-1.45
1895 Mass	16	8 M.	60-60-60	1.25-1.50-1.38
1895 Mass	20	139 M.	h58-60-59	.87-1.75-1.54
1895 Mich	191	3 M.	60-60-60	1.13-1.50-1.29
1895 Mich	287	123 M.	(a)	.50-2.00-1.26
1895 Minn	16	10 M.	60-60-60	1.50-1.50-1.50
1895 Minn	191	89 M.	60-60-60	1.37-1.75-1.38
1895 Minn	191	314 M.	(a)	e.58- .77- .62
1895 Miss	7	5 M.	60-60-60	.90- .90- .90
1895 Mo	7	35 M.	59-60-60	1.17-2.00-1.67
1895 Mo	16	110 M.	54-60-58	1.50-1.50-1.50
1895 Mo	304	377 M.	(a)	.60-2.10-1.41
1895 Mont	309	144 M.	(a)	1.10-2.17-1.32
1895 N. H	7	180 M.	59-60-60	.60-2.75-1.43
1895 N. J	7	102 M.	48-60-57	.75-2.00-1.33
1895 N. J	8	56 M.	59-60-60	.83-2.00-1.36
1895 N. Y	7	143 M.	i48-60-58	0.58-2.50-1.52
1895 N. Y	8	283 M.	54-72-60	.67-2.33-1.25
1895 N. Y	16	4140 M.	60-60-60	1.40-1.70-1.50
1895 N. Y	20	6 M.	j54-60-57	1.50-2.00-1.63
1895 N. C	7	9 M.	70-70-70	.75-1.00- .81
1895 N. C	8	78 M.	60-72-62	.50-1.00- .69
1895 N. C	349	11 M.	60-60-60	.75-1.50-1.11
1895 Ohio	8	30 M.	60-60-60	.60-1.50-1.14
1895 Ohio	16	28 M.	53-54-53	1.50-1.80-1.64
1895 Ohio	20	35 M.	60-72-63	1.25-2.00-1.50
1895 Ohio	376	(k) M.	l36-72-60	.40-4.00-1.36
1895 Pa	7	19 M.	60-60-60	1.00-1.35-1.22
1895 Pa	8	165 M.	54-60-59	.53-2.00-1.25
1895 Pa	16	238 M.	54-54-54	1.25-1.50-1.49
1895 Pa	20	124 M.	60-60-60	1.00-1.83-1.27
1895 R. I	7	59 M.	55-60-59	.92-2.00-1.50
1895 S. C	7	99 M.	54-66-66	.50-1.33- .72
1895 S. C	8	1 M.	66-66-66	.75- .75- .75
1895 Tenn	7	16 M.	66-66-66	.80-1.30- .99
1895 Tenn	8	4 M.	60-60-60	1.00-1.00-1.00
1895 Va	7	56 M.	48-72-58	.67-1.25-1.07
1895 Va	16	40 M.	60-60-60	1.00-1.00-1.00
1895 W. Va	7	2 M.	59-59-59	1.25-1.25-1.25
1895 Wis	191	40 M.	60-60-60	1.25-1.25-1.25
1895 Wis	413	300 (a)	n42-96-60	.40-2.33-1.22
1895 Algeria	135	(a) M.	57-57-57	.58- .58- .58
1895 Australia	417	(a) (a)	(a)	.41- .98- —
1895 Australia	417	(a) (a)	(a)	c.24- .24- .24
1895 Australia	426	(a) M.	(a)	o.41- .61- —
1895 Australia	426	(a) (a)	p48-48-48	.65-2.23- —
1895 Aust-Hun	435	(a) M.	48-75 —	.24- .81- —
1895 Aust-Hun	435	(a) M.	(a)	q.32-1.08- —
1895 Aust-Hun	435	(a) F.	66-75 —	.20- .36- —
1895 Aust-Hun	435	(a) F.	(a)	q.12- .36- —
1895 Aust-Hun	435	(a) (a)	57-72 —	.24- .62- —
1895 Aust-Hun	438	(a) (a)	60-60-60	.32- .41- —
1895 Aust-Hun	440	(a) M.	r36-54 —	.26- .60- —
1895 Aust-Hun	440	(a) F.	(a)	.15- .31- —
1895 Belgium	16	(a) M.	(a)	.44- .77- —
1895 Belgium	458	(a) (a)	60-60-60	.58- .58- .58
1895 Belgium	458	(a) (a)	(a)	c.05- .06- —
1895 Br. India	459	(a) (a)	(a)	.03½-.10- —
1895 Canada	187	(a) M.	s54-72 —	.80-3.75- —
1895 Canada	187	(a) M.	(a)	c.20- .30- —
1895 Canada	187	(a) M.	(a)	e.31- .46- —
1895 Canada	191	(a) M.	60-60-60	.60-2.09- —
1895 Canada	191	(a) M.	(a)	e.46- .92- —
1895 C. of G'd H.	488	(a) M.	(a)	.24-1.34- —
1895 C. of G'd H.	488	(a) M.	(a)	t.12- .97- —
1895 Chile	184	(a) M.	(a)	.51- .51- .51
1895 China	136	(a) (a)	(a)	.13- .13- .13
1895 Cuba	8	(a) M.	60-60-60	.30- .30- .30
1895 Cuba	8	(a) F.	60-60-60	.25- .25- .25
1895 Dutch E. I.	659	(a) (a)	(a)	.06- .60- —
1895 England	16	(a) M.	50-55 —	1.10-1.29- —
1895 England	591	(a) M.	(a)	.64-1.19- —
1895 France	16	(a) M.	(a)	.44- .97- —
1895 France	17	(a) M.	(a)	.70- .93- —
1895 France	509	(a) (a)	u48-78 —	.46-1.35- —
1895 France	509	(a) (a)	(a)	c.07- .07- .07
1895 France	513	(a) M.	v60-72 —	.39- .97- —
1895 Germany	539	(a) M.	(a)	.39- .51- —

a Not reported.
b Applies to but 66 of the 68 wage quotations.
c Per hour.
d Applies to but 10 of the 12 wage quotations.
e And board.
f Applies to but 2 of the 3 wage quotations.
g Applies to but 1 of the 2 wage quotations.
h Not including hours of 112 persons not reported.
i Not including hours of 4 persons not reported.
j Not including hours of 2 persons not reported.
k 22,769 employees.
l Not including hours of 2,195 persons not reported.
n Not including hours of 8 persons not reported.
o And board and lodging.
p Applies to but 3 of the 24 wage quotations.
q And lodging and fuel.
r Applies to but 1 of the 7 wage quotations.
s Applies to but 28 of the 34 wage quotations.
t And food.
u Applies to but 43 of the 49 wage quotations.
v Applies to but 6 of the 8 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Report No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1895 Germany	539	(a) F.	(a)	0.27-0.34- —
1895 Germany	559	(a) M.	(a)	.57- .95- —
1895 Greece	137	(a) (a)	(a)	.25- .38- —
1895 Ireland	591	(a) (a)	(a)	.60- .62- —
1895 Italy	640	(a) M.	(a)	.34- .58- —
1895 Japan	648	(a) M.	(a)	.12- .20- —
1895 N. Found.	187	(a) M.	60-60-60	.80-1.00- —
1895 N. Zealand	670	(a) M.	(a)	1.10-2.19- —
1895 Nicaragua	140	(a) (a)	(a)	.25-1.25- —
1895 Norway	687	(a) M.	(a)	.49- .61- —
1895 Norway	687	(a) M.	(a)	b .29- .37- —
1895 Norway	687	(a) F.	(a)	.31- .35- —
1895 Norway	687	(a) F.	(a)	b .16- .25- —
1895 Norway	690	(a) M.	(a)	.27- .94- —
1895 Norway	690	(a) M.	(a)	b.13- .80- —
1895 Norway	690	(a) F.	(a)	.13- .54- —
1895 Norway	690	(a) F.	(a)	b .06½-.40- —
1895 Russia	699	(a) M.	(a)	.19- .31- —
1895 Russia	699	(a) F.	(a)	.13- .23- —
1895 Scotland	591	(a) M.	(a)	.75-1.00- —
1895 Switzerl'd.	184	(a) (a)	(a)	.64- .76- —
1895 Switzerl'd.	710	(a) (a)	60-60-60	.62- .62- .62
1895 Venezuela	176	(a) (a)	54-54-54	.80- .80- .80
1895 Wales	591	(a) M.	(a)	.76- .85- —
1896 Ala	15	2 M.	(a)	.75- .90- .83
1896 Cal.	8	119 M.	60-60-60	1.00-1.75-1.24
1896 Cal.	16	15 M.	60-60-60	1.50-2.00-1.72
1896 Colo	200	76 M.	54-60-60	.75-1.75-1.47
1896 Conn	7	5 M.	60-60-60	1.25-1.60-1.37
1896 Conn.	8	29 M.	60-60-60	1.00-1.75-1.22
1896 Del	7	32 M.	54-72-64	.50-1.33- .89
1896 D. C	15	1 M.	(a)	.83- .83- .83
1896 Fla	15	9 M.	(a)	1.00-2.00-1.31
1896 Ga	7	71 M.	54-66-65	.50-1.50- .88
1896 Ga	8	9 M.	60-72-64	.60- .75- .73
1896 Ga	15	17 M.	(a)	.67-1.58- .95
1896 Ill	7	112 M.	48-60-54	.83-2.00-1.34
1896 Ill	8	4 M.	60-60-60	1.25-1.50-1.44
1896 Ill	12	917 M.	c42-77-59	.83-2.25-1.27
1896 Ill	16	257 M.	60-60-60	1.50-1.50-1.50
1896 Ind	7	8 M.	65-65-65	1.10-2.00-1.37
1896 Ind	8	12 M.	60-60-60	1.10-1.10-1.10
1896 Iowa	7	6 M.	48-58-51	.58-1.67-1.43
1896 Kans.	250	24 M.	d48-78-59	.58-2.30-1.28
1896 Ky	7	6 M.	60-60-60	.45-1.00- .71
1896 La	16	75 M.	60-60-60	1.25-1.25-1.25
1896 Md.	7	38 M.	48-69-54	1.00-2.00-1.28
1896 Md.	14	3098 M.	48-70-60	1.13-1.51-1.27
1896 Md.	16	120 M.	54-60-58	1.25-1.50-1.27
1896 Mass	8	62 M.	54-60-59	1.00-2.00-1.46
1896 Mass	14	7039 M.	48-84-60	1.25-2.25-1.61
1896 Mass	15	8 M.	(a)	1.50-2.00-1.73
1896 Mass	16	9 M.	60-60-60	1.25-1.50-1.45
1896 Mich	7	33 M.	54-60-59	1.00-2.00-1.36
1896 Mich	191	3 M.	60-60-60	1.13-1.25-1.21
1896 Mich	288	277 (a)	60-60-60	.67-2.00-1.19
1896 Minn.	8	15 M.	60-60-60	1.38-1.75-1.62
1896 Minn.	8	3 M.	60-60-60	b .50- .50- .50
1896 Minn.	16	10 M.	60-60-60	1.50-1.50-1.50
1896 Minn.	191	98 M.	60-60-60	1.25-1.75-1.37
1896 Minn.	191	388 M.	(a)	b .50- .77- .52
1896 Miss.	15	1 M.	(a)	.50- .50- .50
1896 Mo	16	118 M.	54-60-58	1.50-1.50-1.50
1896 Mo	305	6815 M.	48-72-60	.50-2.75-1.39
1896 Mont.	310	249 M.	(a)	1.14-2.51-1.52
1896 Nebr	314	534 M.	e48-72-59	.75-3.50-1.72
1896 N. H	7	7 M.	60-60-60	1.20-1.50-1.37
1896 N. H	8	2 M.	54-54-54	1.50-2.00-1.75
1896 N. J.	8	30 M.	60-60-60	2.00-2.00-2.00
1896 N. Y.	7	101 M.	54-60-59	.38-2.00-1.32
1896 N. Y.	8	51 M.	36-60-59	1.35-3.00-2.29
1896 N. Y.	14	(f) M.	48-84-61	1.25-2.95-1.53
1896 N. Y.	16	1033 M.	60-60-60	1.40-1.50-1.50
1896 N. Y.	336	822 M.	(a)	1.00-2.50-1.22
1896 N. C.	7	5 M.	69-69-69	.75- .75- .75
1896 N. C.	350	1 M.	72-72-72	.75- .75- .75
1896 Ohio	7	48 M.	48-60-58	.92-2.33-1.50
1896 Ohio	8	8 M.	60-60-60	1.25-1.50-1.47
1896 Ohio	16	17 M.	53-54-53	1.50-1.80-1.64
1896 Ohio	377	(g) M.	h45-72-59	.46-2.70-1.36
1896 Ohio	377	865 F.	i48-60-57	.40-1.33- .80
1896 Pa	7	352 M.	47-60-59	.55-2.00-1.33
1896 Pa	8	67 M.	54-72-67	.58-1.50-1.42
1896 Pa	14	6587 M.	48-60-60	1.20-2.00-1.35
1896 Pa	16	179 M.	54-54-54	1.35-1.50-1.49
1896 Pa	394	213 M.	60-72-61	1.07-2.01-1.23
1896 R. I.	7	68 M.	60-60-60	1.00-2.00-1.35
1896 R. I	8	3 M.	60-60-60	1.25-1.50-1.33
1896 S. C	7	47 M.	66-66-66	.50- .75- .72
1896 S. C.	15	1 M.	(a)	.75- .75- .75
1896 Tenn.	15	26 M.	(a)	.23-1.50-1.00
1896 Vt.	7	1 M.	66-66-66	1.25-1.25-1.25
1896 Vt.	8	3 M.	60-60-60	1.00-1.25-1.17
1896 Va	16	46 M.	60-60-60	1.00-1.00-1.00
1896 W. Va.	7	31 M.	48-60-58	.83-1.50-1.15
1896 Wis	7	117 M.	48-60-57	.75-2.50-1.25
1896 Wis	191	42 M.	60-60-60	1.25-1.25-1.25
1896 Algeria	505	(a) M.	(a)	.48- .53- —
1896 Algeria	505	(a) M.	(a)	j.05- .05½- —
1896 Algeria	505	(a) M.	(a)	k.41- .61- —
1896 Australia	427	(a) M.	(a)	l48-60 — .81-2.19- —
1896 Australia	427	(a) (a)	l48-60 —	.81-2.19- —
1896 Aust-Hun	436	(a) M.	60-72 —	.16- .93- —
1896 Aust-Hun	436	(a) F.	57-72 —	.14- .32- —
1896 Aust-Hun	436	(a) (a)	42-72 —	.16- .73- —
1896 Aust-Hun	438	(a) M.	48-60 —	.48- .57- —
1896 Aust-Hun	438	(a) F.	48-60 —	.20- .32- —
1896 Aust-Hun	438	(a) (a)	36-60 —	.32- .62- —
1896 Aust-Hun	441	(a) M.	(a)	.28- .64- —
1896 Aust-Hun	441	(a) F.	(a)	.13- .24- —
1896 Aust-Hun	442	(a) M.	48-66 —	.45-1.10- —
1896 Aust-Hun	442	(a) F.	42-66 —	.26- .51- —
1896 Bahamas	184	(a) (a)	(a)	.40- .50- —
1896 Belgium	16	(a) M.	(a)	.44- .74- —
1896 Belgium	141	(a) F.	60-60-60	.34- .48- —
1896 Belgium	184	(a) (a)	(a)	.55- .68- —
1896 Belgium	455	(a) (a)	(a)	.58- .58- .58
1896 Bermuda	184	(a) (a)	(a)	.97- .97- .97
1896 Br. Guiana	184	(a) M.	(a)	.48- .64- —
1896 Br. India	459	(a) (a)	(a)	.03½-.13- —
1896 Canada	184	(a) M.	(a)	1.00-2.00- —
1896 Canada	184	(a) M.	(a)	j.17½-.17½-.17½
1896 Canada	191	(a) M.	60-60-60	.60-2.09- —
1896 Canada	191	(a) M.	(a)	b .35- .84- —
1896 Canada	482	(a) (a)	n54-54-54	1.25-2.25- —
1896 C. of G'd H.	489	(a) M.	(a)	.24-1.95- —
1896 C. of G'd H.	489	(a) M.	(a)	o.10-1.22- —
1896 Chile	184	(a) M.	(a)	1.10-1.10-1.10
1896 China	176	(a) (a)	p72-72-72	.10- .40- —

a Not reported.
b And board.
c Not including hours of 164 persons not reported.
d Not including hours of 1 person not reported.
e Not including hours of 45 persons not reported.
f 11,990 employees.
g 16,439 employees.
h Not including hours of 192 persons not reported.
i Not including hours of 7 persons not reported.
j Per hour.
k And board and lodging.
l Applies to but 5 of the 26 wage quotations.
n Applies to but 1 of the 4 wage quotations.
o And food.
p Applies to but 2 of the 4 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Continued.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1896 China	184	(a) (a)	(a)	b.02½-.02½-.02½
1896 Colombia	184	(a) M.	(a)	.25- .75- —
1896 Corsica	505	(a) M.	(a)	.39- .43- —
1896 Corsica	505	(a) M.	(a)	c .05- .05- .05
1896 Costa Rica	184	(a) (a)	60-60-60	.74- .74- .74
1896 Dutch E. I.	660	(a) (a)	(a)	.06- .60- —
1896 Egypt	184	(a) (a)	(a)	.13- .20- —
1896 England	16	(a) M.	50-55 —	1.10-1.29- —
1896 England	592	(a) M.	(a)	.65-1.14- —
1896 France	16	(a) M.	(a)	.44- .44- .44
1896 France	17	(a) M.	(a)	.70- .93- —
1896 France	184	(a) (a)	(a)	c .12- .12- .12
1896 France	505	(a) M.	d48-66 —	.31-1.06- —
1896 France	505	(a) M.	(a)	c .03- .10½- —
1896 France	505	(a) M.	(a)	e .33- .35- —
1896 France	505	(a) M.	(a)	f .65- .65- .65
1896 France	505	(a) M.	(a)	g .58- .97- —
1896 France	505	(a) F.	60-72 —	.29- .29- .29
1896 France	510	(a) (a)	h48-72 —	.34-1.74- —
1896 Germany	540	(a) M.	(a)	.39- .54- —
1896 Germany	540	(a) F.	(a)	.27- .35- —
1896 Germany	560	(a) M.	i 60-60-60	.71- .95- —
1896 Gr't Brit	586	(a) M.	(a)	.77- .81- —
1896 Hawai. Is.	184	(a) M.	(a)	1.00-1.00-1.00
1896 Ireland	592	(a) M.	(a)	.53- .97- —
1896 Italy	640	(a) M.	(a)	.42- .58- —
1896 Jamaica	184	(a) M.	(a)	.36- .48- —
1896 Jamaica	184	(a) F.	(a)	.18- .24- —
1896 Japan	649	(a) M.	(a)	.14- .23- —
1896 Mexico	184	(a) (a)	(a)	.08-1.04- —
1896 Mexico	184	(a) (a)	(a)	j .05- .08- —
1896 N. Zealand	671	(a) M.	(a)	.97-2.19- —
1896 Russia	184	(a) M.	(a)	.36- .65- —
1896 Russia	700	(a) M.	(a)	.20- .36- —
1896 Russia	700	(a) F.	(a)	.14- .28- —
1896 St. Chris.	184	(a) (a)	(a)	.24- .24- .24
1896 Scotland	592	(a) M.	(a)	.73-1.03- —
1896 Siam	143	(a) M.	(a)	.21- .26- —
1896 Spain	184	(a) (a)	(a)	.30- .50- —
1896 Switzerl'd.	678	(a) (a)	60-63 —	.49- .85- —
1896 Turkey	184	(a) (a)	(a)	.44- .44- .44
1896 Wales	592	(a) M.	(a)	.72- .91- —
1897 Cal.	16	9 M.	60-60-60	1.50-1.75-1.58
1897 Conn.	8	4 M.	60-60-60	1.50-1.75-1.63
1897 Conn.	204	50 M.	30-60-57	.75-1.75-1.43
1897 Ill.	8	5 M.	60-60-60	1.00-1.67-1.23
1897 Ill.	16	308 M.	60-60-60	1.50-1.50-1.50
1897 Kans.	251	58 M.	k30-84-63	.58-2.00-1.15
1897 La	16	75 M.	60-60-60	1.25-1.25-1.25
1897 Me.	8	11 M.	60-60-60	1.50-2.25-1.84
1897 Md.	16	125 M.	54-60-58	1.25-1.50-1.27
1897 Mass.	8	29 M.	60-60-60	.95-1.75-1.50
1897 Mass.	16	12 M.	60-60-60	1.25-1.50-1.44
1897 Mich.	8	8 M.	60-60-60	.75-1.35-1.01
1897 Mich.	289	1794 M.	(a)	1.25-1.25-1.25
1897 Minn.	16	10 M.	60-60-60	1.50-1.50-1.50
1897 Mo.	16	122 M.	54-60-58	1.50-1.50-1.50
1897 Mont.	311	80 (a)	(a)	1.71-2.49-2.03
1897 Nebr.	314	116 M.	l48-60-55	1.00-3.00-1.58
1897 N. H	8	2 M.	53-53-53	1.75-1.75-1.75
1897 N. Y.	8	15 M.	60-70-63	.75-1.75-1.24
1897 N. Y.	16	3523 M.	60-60-60	1.50-1.50-1.50
1897 N. Y.	337	6878 M.	n48-66-48	1.30-2.75-2.06
1897 N. C.	8	2 M.	66-66-66	.60- .60- .60
1897 Ohio	16	10 M.	53-54-54	1.50-1.80-1.55
1897 Ohio	377	3488 M.	o 42-72-61	.40-5.00-1.38
1897 Pa	8	13 M.	48-60-56	.67-1.25-1.12
1897 Pa	16	188 M.	54-54-54	1.35-1.50-1.49
1897 Pa	395	32 M.	(a)	.60-2.20-1.21
1897 Va	16	45 M.	60-60-60	1.00-1.00-1.00
1897 Va	404	1833 M.	48-72-61	.50-1.50- .95
1897 Australia	418	(a) (a)	(a)	.85-2.92- —
1897 Australia	418	(a) (a)	(a)	j .49- .61- —
1897 Australia	418	(a) (a)	(a)	p .61- .81- —
1897 Australia	418	(a) (a)	(a)	q .51-1.01- —
1897 Australia	428	(a) M.	(a)	.36- .73- —
1897 Australia	428	(a) M.	(a)	e .41- .61- —
1897 Australia	428	(a) (a)	r 48-48-48	.65-2.19- —
1897 Aust-Hun	437	(a) M.	60-66 —	.28- .57- —
1897 Aust-Hun	437	(a) F.	60-66 —	.22- .32- —
1897 Aust-Hun	437	(a) (a)	51-96 —	.14- .81- —
1897 Aust-Hun	437	(a) (a)	66-66-66	f .07- .14- —
1897 Aust-Hun	438	(a) M.	48-72 —	.28- .55- —
1897 Aust-Hun	438	(a) F.	48-72 —	.18- .32- —
1897 Aust-Hun	438	(a) (a)	45-66 —	.24- .59- —
1897 Belgium	144	(a) M.	(a)	c.07½-.07½-.07½
1897 Belgium	455	(a) (a)	(a)	.58- .58- .58
1897 Belgium	587	(a) M.	(a)	c .05- .05- .05
1897 C. of G'd H.	490	(a) (a)	(a)	.24-1.83- —
1897 C. of G'd H.	490	(a) (a)	(a)	s .12-1.46- —
1897 Corsica	511	(a) M.	60-60-60	.39- .43- —
1897 Denmark	492	(a) M.	(a)	.38- .70- —
1897 Denmark	492	(a) F.	(a)	.25- .40- —
1897 Dutch E. I.	661	(a) (a)	(a)	.06- .60- —
1897 England	593	(a) (a)	t 53-54 —	.61-1.47- —
1897 France	511	(a) M.	u 51-72 —	.48-1.74- —
1897 France	511	(a) M.	66-72 —	e .37- .37- .37
1897 Germany	541	(a) M.	(a)	.40- .54- —
1897 Germany	541	(a) F.	(a)	.27- .35- —
1897 Germany	595	(a) M.	(a)	.34- .73- —
1897 Germany	595	(a) F.	(a)	.24- .49- —
1897 Gr't Brit	593	(a) (a)	(a)	.73- .81- —
1897 Ireland	593	(a) (a)	v 53-54 —	.59- .69- —
1897 Italy	641	(a) M.	(a)	.42- .58- —
1897 Japan	650	(a) M.	(a)	.16- .22- —
1897 N. Zealand	672	(a) M.	(a)	1.10-1.70- —
1897 N. Zealand	679	(a) (a)	(a)	1.95-1.95-1.95
1897 Russia	701	(a) M.	(a)	.21- .38- —
1897 Russia	701	(a) F.	(a)	.15- .25- —
1897 S. Domingo	149	(a) (a)	(a)	.50-2.00- —
1897 Scotland	593	(a) (a)	(a)	.83- .92- —
1897 Wales	593	(a) (a)	(a)	.57-1.09- —
1898 Cal.	16	14 M.	60-60-60	1.50-1.75-1.59
1898 Ill.	16	309 M.	60-60-60	1.50-1.50-1.50
1898 Ill.	18	16 M.	(a)	1.25-1.75-1.42
1898 Ill.	218	103 (a)	(a)	1.25-1.50-1.48
1898 Iowa	18	30 (a)	(a)	1.40-1.50-1.42
1898 Kans.	252	185 M.	w 42-72-53	.58-1.50-1.41
1898 La	16	75 M.	60-60-60	1.25-1.25-1.25
1898 Me.	261	7 M.	60-60-60	1.25-1.25-1.25
1898 Md.	16	135 M.	48-60-55	1.25-1.67-1.44
1898 Mass.	16	8 M.	60-60-60	1.25-1.50-1.38
1898 Mich.	290	2924 M.	(a)	1.10-1.32-1.23
1898 Minn.	16	10 M.	60-60-60	1.50-1.50-1.50

a Not reported.
b And partial board.
c Per hour.
d Applies to but 2 of the 4 wage quotations.
e And board and lodging.
f And lodging.
g And premiums.
h Applies to but 54 of the 59 wage quotations.
i Applies to but 1 of the 3 wage quotations.
j And board.
k Not including hours of 5 persons not reported.
l Not including hours of 55 persons not reported.
n Not including hours of 2,715 persons not reported.
o Not including hours of 96 persons not reported.
p And keep.
q And rations.
r Applies to but 3 of the 25 wage quotations.
s And food.
t Applies to but 4 of the 86 wage quotations.
u Applies to but 46 of the 51 wage quotations.
v Applies to but 2 of the 6 wage quotations.
w Not including hours of 168 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LABORERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1898 Mo	16	128 M.	54-60-58	1.50-1.50-1.50
1898 Mo	306	262 (a)	60-60-60	1.50-1.50-1.50
1898 Nebr	314	5042 (a)	b48-84-59	.30-4.00-1.74
1898 Nebr	314	9 (a)	(a)	c.15- .15- .15
1898 N. J	329	391 M.	54-60-57	.75-1.67-1.29
1898 N. Y	16	241 M.	60-60-60	1.50-2.00-1.51
1898 N. Y	338	9476 M.	d48-60-48	.50-2.75-2.10
1898 Ohio	16	12 M.	53-54-54	1.35-1.50-1.43
1898 Ohio	18	568 M.	(a)	.50-2.50-1.36
1898 Pa	16	251 M.	54-54-54	1.35-1.50-1.49
1898 Pa	18	507 M.	(a)	1.05-2.63-1.37
1898 Va	16	60 M.	60-60-60	1.00-1.00-1.00
1898 Wash	405	2959 (a)	(a)	1.42-1.76-1.54
1898 Algeria	512	(a) M.	54-60 —	.50- .56- —
1898 Australia	419	(a) (a)	(a)	.20-1.95- —
1898 Australia	419	(a) (a)	(a)	c.61- .81- —
1898 Australia	419	(a) (a)	(a)	f1.22-1.70- —
1898 Australia	419	(a) (a)	(a)	g.73-1.22- —
1898 Australia	429	(a) M.	(a)	h.41- .49- —
1898 Australia	429	(a) (a)	i48-48-48	.65-2.31- —
1898 Australia	680	(a) M.	(a)	2.43-2.92- —
1898 Aust-Hun	438	(a) M.	54-72 —	.18- .61- —
1898 Aust-Hun	438	(a) M.	66-66-66	j.81- .81- .81
1898 Aust-Hun	438	(a) F.	54-72 —	.18- .39- —
1898 Aust-Hun	438	(a) F.	66-66-66	j.27- .41- —
1898 Aust-Hun	438	(a) (a)	48-72 —	.18- .77- —
1898 Aust-Hun	438	(a) (a)	66-66-66	j.51- .85- —
1898 Aust-Hun	438	(a) (a)	74-74-74	k.28- .37- —
1898 Belgium	454	(a) (a)	(a)	c.04- .06- —
1898 Belgium	455	(a) (a)	(a)	.64- .64- .64
1898 Br. India	155	(a) (a)	(a)	.06- .21- —
1898 C.of G'd H.	491	(a) (a)	(a)	.37-1.95- —
1898 C.of G'd H.	491	(a) (a)	(a)	l.18-1.46- —
1898 Chile	152	(a) (a)	(a)	.34- .50- —
1898 Denmark	493	(a) M.	n48-63 —	.45-1.26- —
1898 England	594	(a) (a)	o51-54 —	.64-1.51- —
1898 France	154	(a) (a)	(a)	c.03½-.06- —
1898 France	512	(a) M.	p48-72 —	.36-1.54- —
1898 France	512	(a) M.	(a)	c.09½-.11½- —
1898 Germany	147	(a) (a)	60-60-60	.83- .95- —
1898 Germany	151	(a) (a)	(a)	.48- .60- —
1898 Germany	156	(a) F.	60-60-60	0.26-0.66- —
1898 Japan	153	(a) (a)	(a)	.30- .30- .30
1898 Korea	150	(a) (a)	(a)	.15- .15- .15
1898 N. Zealand	673	(a) M.	(a)	.85-1.83- —
1898 Russia	702	(a) M.	(a)	.36- .41- —
1898 Russia	702	(a) F.	(a)	.31- .36- —
1898 Wales	594	(a) (a)	(a)	.65- .91- —
1899 Ala	18	72 M.	84-84-84	1.05-2.00-1.60
1899 Mich	291	903 M.	q64-64-64	1.27-1.63-1.33
1899 N. Y	18	656 M.	r44-44-44	1.50-2.46-1.51
1899 N. C	18	46 M.	s60-60-60	.65- .75- .71
1899 Ohio	18	653 M.	(a)	1.21-2.25-1.46
1899 Pa	18	759 M.	(a)	1.10-3.43-1.52
1899 Va	404	63 (a)	(a)	.75-1.10- .99
1899 Belgium	455	(a) M.	(a)	.55- .55- .55
1899 Belgium	455	(a) F.	72-72-72	.29- .39- —
1899 Belgium	455	(a) (a)	t72-72-72	.32- .68- —
1899 Belgium	455	(a) (a)	(a)	c.03½-.08½- —
1899 Colombia	681	(a) (a)	(a)	.85- .85- .85
1899 England	588	(a) (a)	u53-55 —	.63-1.15- —
1899 France	160	(a) M.	(a)	.60- .60- .60
1899 Germany	156	(a) M.	60-60-60	.43- .95- —
1899 Germany	156	(a) F.	60-60-60	.36- .60- —
1899 Germany	163	(a) (a)	t66-66-66	.48- .52- —
1899 Hawai. Is	159	(a) M.	60-60-60	.58- .69- —
1899 Hawai. Is	159	(a) F.	60-60-60	.29- .38- —
1899 N. Zealand	674	(a) M.	(a)	.97-1.87- —
1899 Russia	703	(a) M.	(a)	.41- .52- —
1899 Russia	703	(a) F.	(a)	.26- .31- —
1899 Samoa	159	(a) M.	(a)	.31- .31- .31
1899 Scotland	588	(a) (a)	(a)	.74-1.01- —
1899 Scotland	681	(a) (a)	(a)	c.10- .10- .10
1899 Uruguay	157	(a) (a)	(a)	.80-1.00- —
1899 Wales	588	(a) (a)	(a)	.82-1.00- —
1900 Ala	18	66 M.	84-84-84	1.10-2.00-1.64
1900 N. Y	18	656 M.	r44-44-44	1.50-2.46-1.51
1900 N. C	18	47 M.	v60-60-60	.65- .75- .71
1900 Ohio	18	200 (a)	(a)	1.50-1.50-1.50
1900 Ecuador	162	(a) (a)	(a)	.60- .80- —
1900 Sweden	160	(a) M.	(a)	.72- .72- .72

LACE MAKERS.

1853	France	113	(a)	F.	(a)	.21- .44- —	1877	England	570	(a)	M.	(a)	1.01-3.24- —
1867	England	628	(a)	F.	w66-72 —	.04- .12- —	1877	Germany	177	(a)	F.	(a)	.13- .13- .13
1868	Italy	185	(a)	M.	(a)	.37- .60- —	1878	England	177	(a)	M.	57-57-57	1.01-3.24- —
1869	Greece	609	(a)	(a)	(a)	.34- .34- .34	1878	France	498	(a)	F.	(a)	.27- .87- —
1871	Germany	185	(a)	F.	(a)	.05- .36- —	1878	Germany	177	(a)	F.	(a)	.08- .08- .08
1872	Belgium	185	(a)	(a)	(a)	.33- .33- .33	1879	France	499	(a)	F.	(a)	.30- .87- —
1872	Germany	185	(a)	F.	(a)	.29- .36- —	1880	England	571	(a)	M.	54-54-54	2.43-4.06- —
1873	Germany	177	(a)	F.	(a)	.28- .28- .28	1880	France	500	(a)	F.	(a)	.31- .87- —
1874	Germany	177	(a)	F.	(a)	.24- .24- .24	1881	France	501	(a)	F.	(a)	.32- .87- —
1875	France	496	(a)	F.	(a)	.26- .87- —	1882	France	502	(a)	F.	(a)	.32- .87- —
1875	Germany	177	(a)	F.	(a)	.20- .20- .20	1883	England	572	(a)	M.	54-54-54	.81-4.06- —
1876	France	497	(a)	F.	(a)	.27- .87- —	1883	France	503	(a)	F.	(a)	.32- .87- —
1876	Germany	177	(a)	F.	(a)	.16- .16- .16	1884	Belgium	178	(a)	M.	(a)	.35-1.26- —

a Not reported.
b Not including hours of 10 persons not reported.
c Per hour.
d Not including hours of 300 persons not reported.
e And board.
f And found.
g And rations.
h And board and lodging.
i Applies to but 1 of the 22 wage quotations.
j And house and heat.
k And board and house.
l And food.
n Applies to but 18 of the 40 wage quotations.
o Applies to but 4 of the 34 wage quotations.
p Applies to but 72 of the 73 wage quotations.
q Not including hours of 153 persons not reported.
r Not including hours of 650 persons not reported.
s Not including hours of 6 persons not reported.
t Applies to but 1 of the 2 wage quotations.
u Applies to but 4 of the 18 wage quotations.
v Not including hours of 5 persons not reported.
w Applies to but 1 of the 3 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LACE MAKERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Lowest, highest, and average— Rates of wages per day (dollars).
1884 England	178	(a) M.	54-54-54	2.42-4.00- —
1884 France	504	(a) F.	(a)	.33- .87- —
1884 Germany	178	(a) M.	66-66-66	.60- .95- —
1884 Italy	178	(a) (a)	(a)	.06- .77- —
1884 Malta	178	(a) F.	60-60-60	.08- .20- —
1884 Mexico	178	(a) (a)	(a)	.75- .75- .75
1885 N. Y.	2	10 M.	60-60-60	2.50-2.50-2.50
1885 N. Y.	330	12 F.	(a)	1.25-1.25-1.25
1885 France	494	(a) F.	(a)	.41- .58- —
1886 Ill.	3	1 F.	(a)	.67- .67- .67
1886 N. Y.	2	28 M.	60-60-60	2.34-2.75-2.55
1886 England	601	(a) M.	b 25-64 —	.86-1.14- —
1886 France	495	(a) F.	(a)	.41- .58- —
1886 Scotland	601	(a) M.	(a)	.89- .89- .89
1887 France	495	(a) F.	(a)	.41- .58- —
1888 N. Y.	331	7 M.	(a)	.67- .67- .67
1888 Canada	470	(a) M.	59-59-59	.33- .70- —
1888 Canada	470	(a) F.	59-59-59	.72- .72- .72
1889 Portugal	691	(a) F.	(a)	.02- .11- —
1890 N. Y.	333	50 M.	(a)	2.25-2.25-2.25
1890 Spain	632	(a) F.	(a)	0.24-0.24-0.24
1891 N. Y.	333	50 M.	(a)	2.25-2.25-2.25
1891 Belgium	110	(a) F.	84-84-84	.15- .15- .15
1891 France	522	(a) F.	(a)	.41- .58- —
1892 Russia	692	(a) (a)	(a)	.26-1.31- —
1893 Ill.	10	1 M.	54-54-54	2.33-2.33-2.33
1893 Ill.	10	1 F.	54-54-54	.50- .50- .50
1893 N. Y.	10	1 M.	60-60-60	1.50-1.50-1.50
1893 N. Y.	10	2 F.	53-59-56	.67-1.00- .84
1893 England	632	(a) F.	(a)	.22- .49- —
1893 Russia	632	(a) F.	(c)	.09½-.09½-.09½
1894 Scotland	590	(a) (a)	(a)	1.06-1.22- —
1894 Spain	632	(a) (a)	(a)	.14- .34- —
1896 Corsica	505	(a) F.	(a)	.39- .39- .39
1896 Corsica	505	(a) F.	(a)	d .04- .04- .04
1896 France	505	(a) F.	e 48-60 —	.12- .97- —
1896 France	505	(a) F.	(a)	d .01½-.10½- —
1896 France	505	(a) F.	(a)	f .31- .31- .31
1896 France	505	(a) F.	(a)	g .03- .03- .03
1899 Belgium	455	(a) F.	(a)	.19- .44- —

LACERS, CLOTHING AND FURNISHING GOODS.

1874	Conn.	185	12	F.	(a)	.50- .50- .50	1887	Mass.	3	1	F.	53-53-53	.58- .58- .58
1886	Pa.	3	1	F.	59-59-59	.83- .83- .83	1893	N. J.	327	1	F.	(a)	1.50-1.50-1.50
1887	Ill.	3	2	F.	54-57-56	.75- .92- .84	1896	N. J.	8	14	F.	56-56-56	1.25-1.50-1.36

LACERS, SILK AND SILK GOODS.

1888	N. J.	326	4	(a)	(a)	.58- .58- .58	1895	N. Y.	8	4	M.	60-60-60	.58- .58- .58
1891	N. Y.	333	6	M.	(a)	.33- .58- .42	1896	Pa.	7	12	F.	60-60-60	.25- .64- .46

LACE RUNNERS, LACE AND LACE GOODS.

1890	N. Y.	333	7	M.	(a)	.50-1.00- .62	1891	N. Y.	333	7	M.	(a)	.50-1.17- .69

LACE WORKERS.

1850	Ireland	630	(a)	F.	(a)	.10- .28- —	1887	Mass.	3	2	F.	53-56-55	1.33-1.33-1.33
1851	Ireland	630	(a)	F.	(a)	.02- .32- —	1887	N. Y.	3	1	F.	57-57-57	2.17-2.17-2.17
1852	Ireland	630	(a)	F.	(a)	.10- .37- —	1893	N. Y.	10	3	F.	54-60-58	1.00-2.00-1.50
1872	Germany	185	(a)	F.	72-84 —	.12- .36- —	1893	Pa.	10	1	F.	58-58-58	1.17-1.17-1.17
1883	Ireland	630	(a)	F.	(a)	.08- .16- —	1897	N. Y.	337	47	M.	57-57-57	2.00-3.00-2.54
1886	Pa.	3	2	F.	55-56-56	1.17-1.33-1.25	1898	N. Y.	338	22	M.	(a)	1.50-2.55-1.87
1887	Ill.	3	3	F.	48-54-51	.58-1.25- .94							

LACQUERERS.

1840	England	564	(a)	F.	36-48 —	.12- .41- —	1883	Mass.	273	2	F.	(a)	.75- .75- .75
1842	Conn.	8	3	M.	66-66-66	1.25-1.50-1.42	1883	N. J.	7	3	F.	75-75-75	.75- .75- .75
1850	England	564	(a)	F.	36-48 —	.12- .41- —	1883	Germany	555	(a)	(a)	60-60-60	.67-1.23- —
1860	England	564	(a)	F.	36-48 —	.12- .41- —	1883	Gr't Brit.	273	(a)	F.	(a)	.28- .49- —
1866	England	566	(a)	F.	48-48-48	.16- .37- —	1884	N. J.	7	7	F.	(a)	.50-1.00- .75
1880	England	571	(a)	F.	49-49-49	.24- .49- —	1884	Japan	184	(a)	(a)	(a)	.17- .17- .17
1882	Germany	554	(a)	(a)	60-60-60	.67-1.59- —	1885	Md.	7	3	F.	60-60-60	.58- .67- .61
1883	Mass.	273	2	M.	(a)	2.67-3.00-2.84	1885	N. J.	7	8	M.	(a)	.58-1.00- .84

a Not reported.
b Applies to but 3 of the 4 wage quotations.
c 108-108-108 hours.
d Per hour.
e Applies to but 2 of the 3 wage quotations.
f And board.
g Per hour, and board.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LACQUERERS—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1885 Gr't Brit ..	1	(a)	F.	60-60-60	0.70-0.80- —
1885 Russia	55	(a)	(a)	(a)	b.04- .29- —
1886 Pa	3	3	F.	56-56-56	.63- .92- .78
1886 R. I	3	1	F.	59-59-59	1.00-1.00-1.00
1886 Germany .	548	(a)	(a)	(a)	.95- .95- .95
1886 Japan	184	(a)	(a)	(a)	.20- .20- .20
1887 Conn.....	202	5	M.	(a)	3.60-3.60-3.60
1887 Conn.....	202	9	F.	(a)	.95- .95- .95
1887 N. Y.....	3	1	F.	58-58-58	1.50-1.50-1.50
1887 Pa	3	1	F.	56-56-56	.50- .50- .50
1887 Germany .	557	(a)	(a)	57-72 —	.60-1.43- —
1887 Japan	184	(a)	(a)	(a)	.20- .27- —
1888 N. Y.....	331	7	M.	c59-59-59	1.00-1.25-1.18
1888 N. Y.....	331	2	F.	59-59-59	1.50-1.50-1.50
1888 Germany .	558	(a)	(a)	d57-62 —	.60-1.79- —
1889 Mich.....	281	2	(a)	60-60-60	.58-1.10- .84
1890 Mich.....	282	8	M.	60-60-60	.42-1.50- .78
1890 N. Y.....	333	15	M.	(a)	.67-2.67-1.50
1890 N. Y.....	333	5	F.	(a)	.92-1.08-1.03
1890 Netherl'ds	666	(a)	M.	(a)	.44- .60- —
1891 N. Y.....	333	63	M.	(a)	.59-4.17-1.80
1891 N. Y.....	333	3	F.	(a)	.92-1.08-1.00
1891 China.....	105	(a)	(a)	(a)	.35- .35- .35
1891 France....	505	(a)	M.	60-70 —	.92-2.80- —
1891 France....	505	(a)	M.	65-65-65	e.34-1.25- —
1891 France....	505	(a)	F.	60-60-60	0.49-0.97- —
1891 France....	505	(a)	F.	65-65-65	e.29- .92- —
1892 Cal.....	196	6	M.	57-63-60	.75-3.00-1.93
1892 France....	505	(a)	M.	60-72 —	.29-1.16- —
1892 France....	505	(a)	F.	60-60-60	.39- .48- —
1892 Japan.....	184	(a)	(a)	(a)	.21- .29- —
1893 N. J	327	3	F.	49-49-49	.33- .50- .44
1893 Ohio	374	4	M.	60-60-60	.80-2.00-1.40
1893 England ..	632	(a)	F.	(a)	.47- .53- —
1893 Germany .	11	(a)	M.	(a)	.71- .71- .71
1894 N. Y.....	8	1	M.	60-60-60	4.00-4.00-4.00
1894 N. Y.....	8	8	F.	60-60-60	.80- .80- .80
1894 Ohio	375	1	M.	60-60-60	2.50-2.50-2.50
1894 Ohio	375	3	F.	54-54-54	1.00-2.25-1.83
1894 Aust-Hun .	434	(a)	M.	60-60-60	.81- .81- .81
1895 Md.....	7	5	F.	60-60-60	.63- .63- .63
1895 N. J	7	6	M.	60-60-60	.58-1.17- .90
1895 N. J	7	10	F.	59-60-59	.50-1.50- .76
1895 Ohio.....	376	1	M.	60-60-60	2.65-2.65-2.65
1895 Ohio	376	1	F.	54-54-54	1.50-1.50-1.50
1895 Japan	197	(a)	M.	(a)	.24- .24- .24
1896 Conn.....	8	3	M.	60-60-60	1.50-2.50-2.17
1896 Ohio	377	1	M.	60-60-60	2.50-2.50-2.50
1896 Ohio	377	4	F.	54-60-56	1.00-1.10-1.06

LADDER MAKERS.

1857 Mass	8	1	M.	66-66-66	1.50-1.50-1.50
1861 Mass	8	1	M.	66-66-66	1.50-1.50-1.50
1887 Wis	409	1	M.	(a)	2.00-2.00-2.00
1888 N. Y.....	331	18	M.	58-60-59	1.25-2.50-1.81
1894 Ind	228	3	M.	60-60-60	1.58-1.58-1.58
1896 Mass	8	10	M.	60-60-60	2.00-2.50-2.15

LADLE CLEANERS, IRON AND STEEL.

1888 W. Va.....	5	4	M.	66-66-66	2.01-2.76-2.39
1889 W. Va.....	5	6	M.	c66-66-66	2.40-3.99-3.10
1889 Belgium ..	5	(a)	M.	(a)	.69- .69- .69
1889 France....	5	(a)	M.	(a)	.69- .80- —
1889 Italy.....	5	(a)	M.	(a)	.59- .70- —

LADLE LINERS' HELPERS, IRON AND STEEL.

1887 Pa	390	2	M.	(a)	2.72-2.72-2.72
1888 W. Va.....	5	2	M.	66-66-66	.76- .76- .76
1889 W. Va.....	5	2	M.	(a)	2.62-3.43-3.03

LADLE LINERS, IRON AND STEEL.

1887 Pa	390	2	M.	(a)	3.28-3.28-3.28
1888 W. Va.....	5	2	M.	66-66-66	1.65-1.65-1.65
1889 Ohio	5	18	M.	(a)	1.25-3.26-2.29
1889 W. Va.....	5	4	M.	c66-66-66	1.65-4.61-2.89

LADLEMEN, IRON AND STEEL.

1876 Pa	381	2	M.	(a)	2.50-2.50-2.50
1880 Germany .	632	(a)	M.	(a)	.71- .78- —
1880 Gr't Brit ..	632	(a)	M.	(a)	.99-1.14- —
1883 England ..	572	(a)	M.	60-60-60	1.10-1.10-1.10
1885 Mich.....	1	1	M.	60-60-60	1.50-1.50-1.50
1885 N. Y.....	1	24	M.	60-72-66	1.50-2.14-1.85
1885 Ohio	1	16	M.	60-60-60	1.41-2.11-1.94
1887 Pa	390	9	M.	(a)	3.55-3.55-3.55
1888 N. Y.....	331	10	M.	70-70-70	2.92-2.92-2.92
1888 W. Va.....	5	2	M.	66-66-66	2.01-2.01-2.01
1888 England ..	5	(a)	M.	f84-84-84	.63-1.14- —
1889 N. Y.....	5	15	M.	72-72-72	1.35-3.52-2.34
1889 Ohio	5	16	M.	48-66-53	1.35-3.63-2.43
1889 Pa	5	2	M.	(a)	1.70-1.92-1.81
1889 W. Va.....	5	5	M.	g66-66-66	1.70-3.33-2.63
1889 Belgium ..	5	(a)	M.	(a)	.60- .88- —
1889 England ..	5	(a)	M.	h66-66-66	.61- .65- —
1889 France....	5	(a)	M.	(a)	.79-1.39- —

a Not reported.
b And food.
c Not including hours of 2 persons not reported.
d Applies to but 17 of the 18 wage quotations.
e And *gratifications*.
f Applies to but 1 of the 3 wage quotations.
g Not including hours of 1 person not reported.
h Applies to but 1 of the 2 wage quotations.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LADLEMEN, IRON AND STEEL—Concluded.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1889	Italy	5	(a) M.	(a)	0.29-0.92- —
1889	Scotland	5	(a) M.	(a)	.85-1.22- —
1890	Gr't Brit	577	(a) M.	(a)	1.62-1.62-1.62
1892	Australia	424	(a) M.	(a)	1.42-1.42-1.42
1893	Lux'burg	128	(a) M.	(a)	0.84-0.84-0.84
1897	Pa	395	2 M.	(a)	2.39-2.40-2.40
1898	Pa	18	2 M.	(a)	2.45-2.45-2.45
1899	Pa	18	2 M.	(a)	2.60-2.60-2.60

LADLEMEN'S HELPERS, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1889	Pa	5	4 M.	(a)	1.25-1.91-1.44
1889	Belgium	5	(a) M.	(a)	.30- .65- —
1890	Gr't Brit	577	(a) M.	(a)	1.05-1.42- —
1899	Pa	18	2 M.	(a)	.85- .85- .85

LADLERS, GLASS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1884	Italy	178	(a) M.	84-84-84	1.20-1.60- —
1884	Scotland	178	(a) M.	40-40-40	1.54-1.54-1.54
1889	Ind	6	2 M.	60-60-60	1.35-1.35-1.35
1892	Ind	227	2 M.	72-72-72	4.05-4.05-4.05

LADLE STOPPERS, IRON AND STEEL.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1889	N. Y.	5	5 M.	72-72-72	1.35-4.48-2.92
1889	France	5	(a) M.	(a)	.90- .90- .90

LAMP-BURNER MAKERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1886	N. J	7	10 M.	60-60-60	.67- .83- .81
1886	N. J	7	2 F.	60-60-60	.67- .67- .67
1887	Conn	202	121 M.	(a)	1.42-1.42-1.42
1887	Conn	202	93 F.	(a)	.69-1.27-1.10
1895	N. J	7	11 F.	60-60-60	.67-1.17- .91

LAMP CLEANERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1883	N. J	322	1 M.	70-70-70	1.60-1.60-1.60
1884	N. J	323	1 M.	(a)	1.60-1.60-1.60
1884	England	178	(a) M.	(a)	.69- .86- —
1884	Russia	178	(a) M.	(a)	.30- .30- .30
1886	Belgium	456	(a) F.	(a)	.20- .24- —
1886	England	602	(a) M.	(a)	.34- .67- —
1886	Gr't Brit	602	(a) M.	(a)	.37- .37- .37
1887	Conn	4	1 M.	(a)	1.50-1.50-1.50
1887	Mo	297	5 (a)	b 70-84-81	.70-2.00-1.50
1888	N. Y.	331	4 M.	59-59-59	1.67-1.67-1.67
1888	Ohio	370	6 M.	70-84-75	1.25-1.50-1.46
1889	Belgium	5	(a) F.	72-72-72	.26- .26- .26
1889	Germany	534	(a) (a)	(a)	.57- .60- —
1892	Ohio	20	12 M.	70-70-70	1.25-1.25-1.25
1893	Ohio	20	14 M.	70-70-70	1.25-1.25-1.25
1894	Ohio	20	11 M.	70-70-70	1.25-1.25-1.25
1894	Ohio	375	8 F.	60-60-60	.75- .75- .75
1895	Ohio	20	10 M.	70-70-70	1.25-1.25-1.25
1896	Ohio	377	3 F.	(a)	.50- .50- .50

LAMP FILLERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1887	Md	4	2 M.	(a)	1.32-1.32-1.32
1887	N. Y.	4	9 M.	(a)	1.32-1.73-1.48

LAMPLIGHTERS.

Year	State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average—Hours of work per week	Lowest, highest, and average—Rates of wages per day (dollars)
1855	England	561	(a) (a)	(a)	.81- .81- .81
1856	Mass	190	1 M.	70-70-70	.47- .47- .47
1856	England	561	(a) (a)	(a)	.81- .81- .81
1857	Mass	190	1 M.	70-70-70	.47- .47- .47
1857	England	561	(a) (a)	(a)	.81- .81- .81
1857	Ireland	563	(a) (a)	60-60-60	.61- .61- .61
1858	Mass	190	1 M.	70-70-70	.49- .49- .49
1858	England	562	(a) M.	(a)	.81- .81- .81
1859	Mass	190	1 M.	70-70-70	.51- .51- .51
1859	England	563	(a) M.	(a)	.73- .73- .73
1860	England	564	(a) (a)	(a)	.73- .73- .73
1860	Ireland	563	(a) (a)	60-60-60	.61- .61- .61
1861	England	564	(a) (a)	(a)	.63- .73- —
1863	England	565	(a) (a)	(a)	.73- .73- .73
1866	England	566	(a) M.	70-70-70	.55- .55- .55
(c)	England	567	(a) M.	(a)	.56- .56- .56
1870	England	177	(a) M.	61-61-61	.55- .75- —
1870	Norway	610	(a) M.	(a)	.15- .15- .15
1871	England	568	(a) M.	70-70-70	.56- .56- .56
1871	Ireland	568	(a) M.	70-70-70	.61- .67- —
1871	Netherl'ds	611	(a) M.	42-42-42	.26- .38- —
1871	Norway	185	(a) (a)	(a)	.16- .16- .16
1872	England	185	(a) M.	(a)	.55- .55- .55
1872	Ireland	185	(a) M.	70-70-70	.60- .66- —

a Not reported. b Not including hours of 1 person not reported. c Average for 1867–68.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LAMPLIGHTERS—Concluded.

Year and State or country	Rep't No.	Number and sex of employees	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1872 Netherl'ds	185	(a) (a)	42-42-42	0.26-0.38- —
1873 Sweden	185	(a) M.	(a)	.53- .53- .53
1874 Ireland	569	(a) M.	(a)	.76- .76- .76
1877 Ohio	359	15 M.	(a)	1.00-1.00-1.00
1877 England	570	(a) M.	(a)	.66- .80- —
1877 Ireland	570	(a) M.	49-49-49	.59- .59- .59
1878 England	177	(a) M.	54-54-54	.62- .86- —
1878 France	177	(a) M.	(a)	.65-1.10- —
1880 England	571	(a) M.	b49-70 —	.67- .80- —
1880 Ireland	571	(a) M.	(a)	.63- .63- .63
1883 Mich	277	8 M.	(a)	1.15-1.81-1.64
1883 England	572	(a) (a)	c43-43-43	.66- .78- —
1883 Ireland	572	(a) M.	54-54-54	.63- .70- —
1884 Australia	178	(a) (a)	(a)	1.82-2.06- —
1884 Aust-Hun	178	(a) M.	84-84-84	.46- .50- —
1884 Canada	466	(a) M.	56-62 —	1.09-1.13- —
1884 England	178	(a) M.	54-54-54	.64- .89- —
1884 Ireland	178	(a) M.	56-56-56	.52- .63- —
1884 Italy	178	(a) M.	d84-84-84	.35- .60- —
1884 Spain	178	(a) M.	(a)	.41- .41- .41
1884 Switzerl'd	178	(a) M.	(a)	.51- .51- .51
1885 Canada	467	(a) M.	58-61 —	1.13-1.18- —
1886 Belgium	456	(a) M.	(a)	.55- .72- —
1886 England	603	(a) M.	(a)	.28- .75- —
1886 Germany	548	(a) (a)	(a)	.59- .62- —
1886 Gr't Brit	603	(a) M.	(a)	.28- .65- —
1886 Ireland	603	(a) M.	(a)	.54- .73- —
1886 Scotland	603	(a) M.	(a)	.41- .75- —
1887 Md	4	4 M.	(a)	.26-1.32- .97
1887 Mass	4	12 M.	(a)	.50-1.50- .92
1887 Mich	4	10 M.	(a)	1.25-1.25-1.25
1887 Mo	4	17 M.	(a)	.26-1.64- .80
1887 N. Y	4	1 M.	(a)	1.10-1.10-1.10
1887 Ohio	369	1 M.	70-70-70	1.50-1.50-1.50
1887 Pa	4	51 M.	(a)	.26-1.32- .81
1887 Canada	469	(a) M.	48-48-48	.96-1.11- —
1887 Germany	557	(a) (a)	70-70-70	.64- .67- —
1888 Canada	470	(a) M.	35-35-35	1.05-1.05-1.05
1888 Germany	113	(a) M.	(a)	.36- .52- —
1888 Germany	558	(a) (a)	(a)	.45- .65- —
1889 Australia	432	(a) M.	(a)	1.70-1.70-1.70
1889 Canada	471	(a) M.	37-41 —	1.06-1.22- —
1889 Germany	113	(a) M.	(a)	.36- .60- —
1890 N. Y	333	12 M.	(a)	.90-1.67-1.54
1890 Australia	180	(a) M.	(a)	1.22-1.22-1.22
1890 China	180	(a) M.	(a)	.11- .25- —
1890 Ecuador	180	(a) M.	63-63-63	.66- .66- .66
1890 France	180	(a) (a)	70-70-70	.63- .63- .63
1890 Germany	180	(a) M.	(a)	.31- .71- —
1890 Switzerl'd	180	(a) M.	c21-21-21	.37- .70- —
1891 N. Y	333	14 M.	(a)	.93-2.00-1.59
1891 Belgium	457	(a) M.	66-66-66	.34- .34- .34
1892 Algeria	505	(a) M.	(a)	.39- .48- —
1892 Australia	424	(a) M.	(a)	.76-1.82- —
1892 France	505	(a) M.	67-84 —	.19-1.16- —
1892 France	505	(a) M.	74-77 —	e.19- .48- —
1892 France	505	(a) M.	77-77-77	f.48- .58- —
1892 France	505	(a) M.	70-77 —	g.36- .87- —
1892 France	505	(a) M.	70-70-70	h.43- .51- —
1892 France	505	(a) M.	70-70-70	i.29- .58- —
1893 Ill	10	1 M.	60-60-60	1.43-1.43-1.43
1893 Mich	285	3 M.	70-70-70	.99-1.40-1.24
1893 Pa	10	3 M.	28-35-30	.71-1.48-1.22
1894 Australia	425	(a) (a)	(a)	1.11-1.11-1.11
1894 England	590	(a) (a)	(a)	.57- .61- —
1895 Australia	426	(a) (a)	(a)	1.11-1.11-1.11
1895 England	591	(a) M.	(a)	.63- .89- —
1896 Australia	427	(a) (a)	(a)	1.11-1.11-1.11
1897 Nebr	314	14 M.	84-84-84	2.65-2.65-2.65
1897 Australia	428	(a) (a)	(a)	1.11-1.11-1.11
1897 England	593	(a) (a)	(a)	.63- .68- —
1898 Australia	429	(a) (a)	(a)	1.11-1.11-1.11
1898 England	594	(a) (a)	(a)	.68- .78- —
1898 Wales	594	(a) (a)	(a)	.70- .76- —

LAMP MAKERS.

1853	France	113	(a)	M.	(a)	.68- .68- .68
1869	Aust-Hun	609	(a)	(a)	(a)	1.62-1.62-1.62
1869	Germany	609	(a)	M.	(a)	.24-1.09- —
1870	Germany	610	(a)	M.	72-72-72	.24-1.09- —
1877	Germany	177	(a)	M.	(a)	.50- .75- —
1878	Germany	177	(a)	(a)	(a)	.50- .75- —
1883	N. J	322	49	M.	60-60-60	2.00-3.00-2.51
1884	N. J	323	31	M.	j60-60-60	2.49-2.49-2.49
1884	Canada	466	(a)	M.	60-60-60	1.50-1.50-1.50
1884	Italy	178	(a)	M.	(a)	.20-1.20- —
1885	N. J	324	35	M.	60-60-60	2.88-2.88-2.88
1885	France	113	(a)	M.	(a)	.97- .97- .97
1886	N. J	325	40	M.	60-60-60	2.50-3.33-2.96
1887	Conn	202	25	M.	(a)	1.92-1.92-1.92
1887	Conn	202	15	F.	(a)	1.09-1.09-1.09
1887	Mass	4	1	M.	(a)	2.10-2.10-2.10
1887	Ohio	369	8	M.	60-60-60	3.00-3.00-3.00
1888	N. Y	331	10	M.	55-60-57	.50-3.33-1.85
1891	China	105	(a)	(a)	(a)	.25- .25- .25
1893	Ill	10	1	M.	40-40-40	3.33-3.33-3.33
1893	N. J	327	19	F.	k65-65-65	.57-1.35-1.08
1893	N. Y	10	1	M.	59-59-59	1.67-1.67-1.67
1893	Ohio	374	14	M.	60-60-60	2.00-3.00-2.14
1894	Ohio	375	25	M.	60-60-60	1.75-3.00-2.36
1894	Ohio	375	75	F.	(a)	.68- .68- .68
1895	Ohio	376	31	M.	60-60-60	1.50-2.25-1.96
1895	Ohio	376	63	F.	(a)	.60- .60- .60
1896	Mo	305	18	M.	60-60-60	2.00-2.00-2.00
1896	Mo	305	100	F.	60-60-60	1.00-1.00-1.00
1896	Ohio	377	15	M.	60-60-60	2.50-2.50-2.50
1896	Ohio	377	50	F.	60-61-61	.53- .60- .53
1898	N. J	329	3	M.	60-60-60	1.67-2.50-2.06

LAMP SHADE MAKERS.

1887	N. Y	3	4	F.	50-50-50	.75-1.33- .92	1888	N. Y	331	8	F.	51-51-51	1.17-1.17-1.17

a Not reported.
b Applies to but 2 of the 5 wage quotations.
c Applies to but 1 of the 3 wage quotations.
d Applies to but 1 of the 6 wage quotations.
e And *gratifications*.
f And fuel and premiums.
g And fuel.
h And lodging, fuel, and light.
i And fuel and light.
j Not including hours of 1 person not reported.
k Not including hours of 7 persons not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LAMP TENDERS.

Year and State or country.	Report No.	Number and sex of employees.		Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 England	564	(a)	(a)	(a)	0.65-0.65-0.65
1866 England	566	(a)	M.	48-48-48	.65- .65- .65
(b) England	567	(a)	M.	(a)	.65- .71- —
1870 England	185	(a)	M.	(a)	.58- .77- —
1873 England	185	(a)	M.	(a)	c.60-1.47- —
1877 England	570	(a)	M.	48-48-48	.61-1.01- —
1878 England	177	(a)	M.	(a)	.62- .91- —
1878 France	177	(a)	(a)	(a)	.63-1.06- —
1880 England	571	(a)	M.	84-84-84	.37- .97- —
1883 Wales	43	(a)	(a)	(a)	d.56- .70- —
1884 Australia	178	(a)	(a)	(a)	1.21-1.94- —
1884 Belgium	178	(a)	M.	(a)	.51- .63- —
1884 England	178	(a)	M.	(a)	.49- .89- —
1884 France	178	(a)	M.	(a)	.57- .72- —
1884 Germany	178	(a)	M.	(a)	d.51- .54- —
1884 Italy	178	(a)	M.	(a)	.42- .58- —
1884 Russia	178	(a)	M.	63-63-63	.32- .48- —
1884 Spain	178	(a)	M.	(a)	.82- .82- .82
1884 Wales	178	(a)	M.	(a)	.60- .77- —
1885 Mo	296	1	M.	70-70-70	1.71-1.71-1.71
1885 N. H	7	1	M.	(a)	1.35-1.35-1.35
1885 Belgium	1	(a)	M.	72-72-72	.38- .38- .38
1885 Gr't Brit	1	(a)	M.	60-60-60	.68- .68- .68
1886 England	602	(a)	M.	(a)	.72- .88- —
1886 Gr't Brit	602	(a)	M.	(a)	.66- .90- —
1886 Gr't Brit	604	(a)	M.	(a)	e.96-1.08- —
1886 Gr't Brit	604	(a)	M.	(a)	f.54- .70- —
1887 Md	4	1	M.	(a)	1.32-1.32-1.32
1887 Mass	4	3	M.	(a)	1.50-2.50-2.17
1887 Mich	4	14	M.	(a)	.20-1.25- .74
1887 Mo	4	17	M.	(a)	.26-1.64- .96
1887 N. Y	4	7	M.	(a)	1.15-1.64-1.46
1887 N. Y	4	2	M.	(a)	g.17- .17- .17
1887 Pa	4	64	M.	(a)	.26-2.00-1.05
1887 Pa	4	1	M.	(a)	g0.13-0.13-0.13
1887 Pa	4	1	F.	(a)	1.25-1.25-1.25
1887 R. I	4	2	M.	(a)	.49- .82- .66
1887 Wis	4	32	M.	(a)	.05-1.25- .19
1887 Wis	409	1	M.	(a)	1.60-1.60-1.60
1888 N. Y	331	8	M.	42-42-42	1.51-1.51-1.51
1888 Ohio	370	1	M.	70-70-70	1.50-1.50-1.50
1888 R. I	6	2	M.	(a)	1.21-1.33-1.27
1889 Pa	5	1	M.	(a)	2.00-2.00-2.00
1889 Belgium	5	(a)	M.	60-72 —	.45- .65- —
1889 Belgium	5	(a)	F.	72-72-72	.25- .25- .25
1889 Canada	5	(a)	M.	h54-60 —	.50-1.25- —
1889 England	5	(a)	M.	i48-72 —	.30-1.32- —
1889 France	5	(a)	M.	(a)	.75- .75- .75
1889 Wales	5	(a)	M.	57-57-57	.79- .79- .79
1890 N. Y	333	1	M.	(a)	1.39-1.39-1.39
1890 Belgium	5	(a)	M.	(a)	.31- .37- —
1890 England	5	(a)	M.	(a)	.37-1.28- —
1890 Germany	5	(a)	M.	72-72-72	.30- .30- .30
1891 N. Y	333	2	M.	(a)	1.39-1.39-1.39
1891 Australia	433	(a)	M.	(a)	.64- .64- .64
1891 Belgium	457	(a)	M.	j51-69 —	.21- .77- —
1891 Belgium	457	(a)	F.	k69-69-69	.19- .35- —
1891 England	632	(a)	M.	(a)	.85- .85- .85
1892 Ohio	373	14	(a)	l70-84-79	1.15-2.00-1.53
1892 France	505	(a)	M.	n54-77 —	.39-1.35- —
1892 France	505	(a)	M.	(a)	77-77-77
1892 France	505	(a)	F.	51-51-51	.31- .36- —
1893 Mich	285	4	M.	70-84-74	1.05-1.50-1.32
1893 Mo	302	28	M.	p63-84-71	1.25-2.00-1.60
1893 Mo	303	1	M.	(a)	1.16-1.16-1.16
1893 Mont	307	2	M.	q63-63-63	3.25-3.50-3.38
1899 N. Zealand	681	(a)	M.	(a)	1.04-1.04-1.04

LANDERS, COPPER AND IRON MINING.

1881 N. J	320	1	M.	60-60-60	1.25-1.25-1.25
1883 N. J	322	90	M.	48-48-48	1.25-1.50-1.42
1888 Mich	280	19	M.	48-72-59	1.04-2.07-1.81
1888 Pa	5	4	M.	(a)	1.00-1.00-1.00
1889 Pa	5	2	M.	(a)	1.00-1.00-1.00
1889 Wis	5	28	M.	(a)	1.50-2.00-1.78
1890 Pa	5	2	M.	(a)	.90- .90- .90

LANTERN MAKERS.

1888 N. Y	331	7	M.	51-60-59	1.00-2.17-1.50
1888 N. Y	331	1	F.	51-51-51	1.00-1.00-1.00
1891 China	105	(a)	(a)	(a)	.24- .24- .24
1893 France	507	(a)	(a)	60-60-60	.97-1.13- —
1894 Ohio	375	17	M.	60-60-60	1.00-1.00-1.00

LAP CARRIERS, TEXTILES.

1855 Mass	190	3	M.	72-72-72	.67- .67- .67
1856 Mass	190	2	M.	72-72-72	.67- .67- .67
1857 Mass	190	2	M.	72-72-72	.67- .67- .67
(r) England	561	(a)	M.	(a)	.27- .27- .27
1858 Mass	190	3	M.	72-72-72	.58- .58- .58
1859 Mass	190	3	M.	72-72-72	.71- .71- .71
1860 Mass	190	2	M.	72-72-72	.71- .71- .71
1861 Mass	190	2	M.	66-66-66	.63- .67- .65
1862 Mass	190	2	M.	66-66-66	.79-1.00- .90
1863 Mass	190	2	M.	66-66-66	.67-1.00- .84
1864 Mass	190	2	M.	66-66-66	1.00-1.08-1.04
1865 Mass	190	3	M.	66-66-66	1.00-1.08-1.03
1866 Mass	190	3	M.	60-66-62	1.33-1.42-1.36
1867 Mass	190	2	M.	66-66-66	1.33-1.38-1.36
1868 Mass	190	3	M.	66-66-66	1.25-1.33-1.30
1869 Mass	190	4	M.	66-66-66	1.25-1.33-1.29
1870 Mass	190	5	M.	66-66-66	1.25-1.33-1.30
1871 Mass	190	6	M.	66-66-66	1.33-1.38-1.36

a Not reported.
b Average for 1867–68.
c And house.
d And clothing.
e Without food.
f And food.
g Per hour.
h Applies to but 5 of the 8 wage quotations.
i Applies to but 13 of the 14 wage quotations.
j Applies to but 5 of the 6 wage quotations.
k Applies to but 2 of the 8 wage quotations.
l Not including hours of 3 persons not reported.
n Applies to but 4 of the 6 wage quotations.
o And fuel.
p Not including hours of 2 persons not reported.
q Not including hours of 1 person not reported.
r Average for 1855–57.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LAP CARRIERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1871 England	629	(a) M.	60-60-60	0.36-0.41- —
1871 England	629	(a) F.	59-59-59	.26- .26- .26
1871 Scotland	185	(a) M.	60-60-60	.16-1.21- —
1871 Scotland	629	(a) M.	60-60-60	.32- .32- .32
1872 Mass	190	7 M.	66-66-66	1.42-1.42-1.42
1872 Russia	612	(a) (a)	69-69-69	.32- .32- .32
1873 Mass	190	5 M.	66-66-66	1.46-1.46-1.46
1873 England	621	(a) M.	(a)	.53- .53- .53
1874 Mass	190	5 M.	66-66-66	1.21-1.21-1.21
1875 Mass	190	6 M.	60-60-60	.95-1.10-1.03
1876 Mass	190	6 M.	60-60-60	.86- .90- .88
1877 Mass	190	6 M.	60-60-60	.90- .90- .90
1880 Ga	7	1 M.	(a)	.90- .90- .90
1880 Mass	190	2 M.	60-60-60	.95- .95- .95
1881 Mass	190	2 M.	60-60-60	.95- .95- .95
1881 N. H	7	4 M.	65-65-65	.80-1.10-1.03
1881 Russia	33	(a) M.	81-81-81	.23- .23- .23
1882 Mass	190	2 M.	60-60-60	.95- .95- .95
1882 Br. India	459	(a) (a)	(a)	.10- .10- .10
1883 Mass	190	2 M.	60-60-60	.87- .95- .91
1883 Mass	273	1 M.	(a)	1.00-1.00-1.00
1883 Br. India	459	(a) (a)	(a)	.10- .11- —
1884 Mass	190	2 M.	60-60-60	.87- .95- .91
1884 Br. India	459	(a) (a)	(a)	.10- .11- —
1884 Canada	466	(a) M.	60-60-60	.61- .61- .61
1885 Mass	190	2 M.	60-60-60	.87- .95- .91
1885 Br. India	459	(a) (a)	(a)	.10- .11- —
1885 Canada	467	(a) M.	60-60-60	.59- .59- .59
1886 Mass	190	5 M.	60-60-60	.92-1.12- .96
1886 N. J	325	1 M.	60-60-60	.58- .58- .58
1886 Br. India	459	(a) (a)	(a)	.09½-.10- —
1886 England	600	(a) M.	57-57-57	.53- .76- —
1887 Mass	190	5 M.	60-60-60	0.92-1.12-0.96
1887 Br. India	459	(a) (a)	(a)	.09½-.09½-.09½
1888 Mass	190	2 M.	60-60-60	.89- .98- .94
1888 N. Y	6	10 M.	b 60-60-60	.46- .68- .65
1888 N. C	6	1 M.	(a)	.60- .60- .60
1888 Br. India	459	(a) (a)	(a)	.09- .09- .09
1888 France	6	(a) M.	72-72-72	.46- .46- .46
1889 Md	6	4 M.	(a)	.80-1.00- .90
1889 Mass	190	2 M.	60-60-60	.89- .98- .94
1889 Tenn	6	1 (a)	66-66-66	.65- .65- .65
1889 Br. India	459	(a) (a)	(a)	.08½-.08½-.08½
1889 England	6	(a) M.	(a)	.94- .94- .94
1889 Germany	6	(a) M.	72-72-72	.50- .50- .50
1890 Mass	190	2 M.	60-60-60	.89- .98- .94
1890 Br. India	459	(a) (a)	(a)	.11- .11- .11
1891 Mass	190	4 M.	60-60-60	1.00-1.15-1.04
1892 Mass	20	5 M.	58-60-60	.90-1.02- .98
1892 Mass	190	1 M.	58-58-58	1.10-1.10-1.10
1892 Br. India	459	(a) (a)	(a)	.03- .03½- —
1893 Mass	20	5 M.	58-60-59	.90-1.18-1.00
1893 Br. India	459	(a) (a)	(a)	.07½-.07½-.07½
1894 Mass	20	4 M.	58-58-58	.85-1.06- .95
1894 Br. India	459	(a) (a)	(a)	.06- .06- .06
1895 Ga	7	1 M.	66-66-66	.90- .90- .90
1895 Mass	20	4 M.	58-58-58	.85-1.06- .95
1895 N. H	7	24 M.	60-60-60	.70-1.00- .90
1895 Br. India	459	(a) (a)	(a)	.06- .06- .06
1896 Ga	7	1 M.	63-63-63	.70- .70- .70
1896 Ga	8	2 M.	66-66-66	.75- .75- .75
1896 N. C	7	1 M.	69-69-69	.40- .40- .40
1896 Br. India	459	(a) (a)	(a)	.06½-.06½-.06½
1897 Ga	8	3 M.	66-66-66	.50- .50- .50

LAPIDARIES.

1885	N. Y	7	1	M.	59-59-59	2.50-2.50-2.50	1895	N. Y	7	4	M.	59-59-59	1.50-3.33-2.21
1886	N. Y	7	2	M.	60-60-60	2.00-2.00-2.00	1895	N. Y	7	1	F.	59-59-59	1.00-1.00-1.00
1891	N. Y	333	2	M.	(a)	1.67-2.50-2.09	1896	N. Y	7	4	M.	60-60-60	1.50-2.50-2.00
1891	France	505	(a)	M.	60-60-60	.97-2.90- —	1896	France	505	(a)	M.	48-48-48	.53- .53- .53
1891	France	505	(a)	F.	60-60-60	.97-2.90- —	1898	N. J	329	4	M.	60-60-60	1.50-3.00-2.21
1894	France	129	(a)	M.	60-60-60	.97-2.89- —							

LAPIDARIES' HELPERS.

1891	N. Y	333	2	M.	(a)	.75-1.00- .88	....	.....	....	....	...	.....	.....

LAPPERS, JEWELRY.

1884	England	178	(a)	M.	(a)	1.20-1.68- —	1888	N. Y	331	2	M.	59-59-59	3.33-3.33-3.33
1886	R. I	3	1	F.	59-59-59	2.00-2.00-2.00	1890	N. Y	333	3	M.	(a)	2.33-3.00-2.56
1887	Mass	3	1	F.	59-59-59	1.67-1.67-1.67	1891	N. Y	333	5	M.	(a)	2.50-3.00-2.80

LAPPER TENDERS' HELPERS, TEXTILES.

1885	Conn	7	2	M.	60-60-60	.67- .79- .73	1895	N. Y	7	1	M.	60-60-60	.75- .75- .75

LAPPER TENDERS, TEXTILES.

1853	N. Y	190	2	M.	72-72-72	.25- .50- .38	1857	N. Y	190	2	M.	72-72-72	.34- .84- .59
1854	N. Y	190	2	M.	72-72-72	.29- .67- .48	1858	N. Y	190	2	M.	72-72-72	.32- .75- .54
1855	N. Y	190	2	M.	72-72-72	.34- .67- .51	1859	N. Y	190	2	M.	72-72-72	.34- .75-
1856	N. Y	190	2	M.	72-72-72	.34- .84- .59	1860	N. Y	190	2	M.	72-72-72	.34- .75- .55

a Not reported.

b Not including hours of 1 person not reported.

RATES OF WAGES IN COMMERCIAL COUNTRIES—Continued.

[For titles of the reports referred to under "Report number," see pages 21 to 32.]

LAPPER TENDERS, TEXTILES—Concluded.

Year and State or country.	Rep't No.	Number and sex of employees.	Lowest, highest, and average— Hours of work per week.	Rates of wages per day (dollars).
1861 N. Y.	190	2 M.	72-72-72	0.38-0.68-0.53
1862 N. Y.	190	2 M.	72-72-72	.38- .67- .53
1865 N. Y.	190	2 M.	72-72-72	.42-1.50- .96
1866 N. Y.	190	2 M.	72-72-72	.42-1.50- .96
1867 N. Y.	190	2 M.	72-72-72	.42-1.63-1.03
1868 N. Y.	190	2 M.	66-66-66	.44-1.50- .97
1869 N. Y.	190	2 M.	66-66-66	.50-1.63-1.07
1870 Mass	7	1 M.	66-66-66	1.50-1.50-1.50
1870 N. Y.	190	2 M.	66-66-66	.54-1.63-1.09
1871 N. Y.	190	2 M.	66-66-66	.54-1.63-1.09
1872 N. Y.	190	2 M.	66-66-66	.59-1.63-1.11
1873 N. Y.	190	2 M.	66-66-66	.59-1.88-1.24
1874 N. Y.	190	2 M.	66-66-66	.59-1.75-1.17
1874 England	569	(a) M.	60-60-60	.38-1.25- —
1874 England	569	(a) F.	60-60-60	.43- .60- —
1874 Scotland	177	(a) M.	56-56-56	.83- .92- —
1875 Mass	190	1 M.	60-60-60	.91- .91- .91
1875 Mass	270	3 M.	(a)	1.44-1.44-1.44
1875 N. Y.	190	2 M.	66-66-66	.59-1.75-1.17
1875 Scotland	185	(a) M.	(a)	.81- .98- —
1876 Mass	190	1 M.	60-60-60	.93- .93- .93
1876 N. Y.	190	2 M.	66-66-66	.42-1.54- .98
1876 Scotland	177	(a) M.	56-56-56	.83- .92- —
1877 Mass	190	1 M.	60-60-60	.75- .75- .75
1877 N. Y.	190	2 M.	66-66-66	.40-1.40- .90
1877 Ireland	570	(a) M.	56-56-56	.49- .49- .49
1877 Scotland	177	(a) M.	56-56-56	.79- .88- —
1878 Ga	7	2 M.	66-66-66	.67-1.00- .84
1878 Mass	190	1 M.	60-60-60	.75- .75- .75
1878 N. Y.	190	2 M.	66-66-66	.40-1.40- .90
1878 N. C	7	1 M.	72-72-72	.70- .70- .70
1878 Scotland	177	(a) M.	56-56-56	.79- .88- —
1879 Mass	190	4 M.	60-60-60	.60- .60- .60
1879 N. Y.	190	2 M.	66-66-66	.40-1.40- .90
1880 Conn.	271	1 (a)	66-66-66	1.00-1.00-1.00
1880 Mass	190	1 M.	60-60-60	.75- .75- .75
1880 N. Y.	190	2 M.	66-66-66	.40-1.31- .86
1880 Pa	7	3 M.	60-60-60	.33- .40- .38
1880 Va	7	1 M.	68-68-68	1.00-1.00-1.00
1880 England	571	(a) M.	56-56-56	.45- .45- .45
1880 Scotland	571	(a) M.	56-56-56	.47- .81- —
1881 Mass	190	1 M.	60-60-60	.80- .80- .80
1881 N. Y.	190	2 M.	66-66-66	.46-1.50- .98
1881 N. C	7	2 M.	(a)	.65- .75- .70
1881 R. I	7	2 M.	66-66-66	1.25-1.50-1.38
1881 Scotland	29	(a) M.	56-56-56	.83- .83- .83
1882 Mass	190	2 M.	60-60-60	.85- .85- .85
1882 N. H	7	34 M.	66-66-66	.50-1.25- .88
1882 N. Y.	190	2 M.	66-66-66	.46-1.50- .98
1882 N. C	7	3 M.	(a)	.67- .75- .69
1882 Ohio	364	54 (a)	60-60-60	.72-1.42- .85
1882 S. C	7	1 M.	76-76-76	.75- .75- .75
1882 Scotland	34	(a) M.	56-56-56	.83- .83- .83
1883 Mass	190	2 M.	60-60-60	.85- .85- .85
1883 N. Y.	190	2 M.	66-66-66	.50-1.34- .92
1883 N. C	7	1 M.	(a)	.90- .90- .90
1883 England	46	(a) F.	(a)	.43- .43- .43
1884 Ky	7	1 M.	66-66-66	2.25-2.25-2.25
1884 La	7	3 M.	66-66-66	.90- .90- .90
1884 Mass	190	2 M.	60-60-60	.85- .85- .85
1884 N. Y.	190	2 M.	66-66-66	.50-1.34- .92
1884 Canada	466	(a) M.	60-60-60	1.13-1.24- —
1884 England	178	(a) F.	(a)	.43- .43- .43
1884 Scotland	178	(a) M.	56-56-56	.71- .71- .71
1885 Conn.	1	3 M.	66-66-66	.71-1.00- .90
1885 Conn.	7	7 M.	60-60-60	1.13-1.15-1.13
1885 Me	1	2 M.	66-66-66	.75- .75- .75
1885 Mass	1	3 M.	60-60-60	.95-1.18-1.10
1885 Mass	7	1 M.	60-60-60	.67- .67- .67
1885 Mass	190	2 M.	60-60-60	.85- .85- .85
1885 N. H	1	4 M.	65-65-65	.65- .96- .88
1885 N. Y.	1	54 M.	60-66-65	0.45-1.46-0.93
1885 N. Y.	1	10 F.	69-69-69	.50- .50- .50
1885 N. Y.	7	3 M.	b 60-65-63	1.38-1.67-1.56
1885 N. Y.	7	15 F.	59-60-59	.71- .95- .87
1885 N. Y.	190	2 M.	66-66-66	.44-1.21- .83
1885 N. C	1	3 M.	69-69-69	.60- .90- .80
1885 N. C	7	1 M.	(a)	.90- .90- .90
1885 Vt.	1	3 M.	66-66-66	1.00-1.00-1.00
1885 Canada	467	(a) M.	60-60-60	1.13-1.13-1.13
1885 Gr't Brit	1	(a) M.	60-60-60	.72- .96- —
1885 Gr't Brit	1	(a) F.	60-60-60	.52- .68- —
1886 Mass	190	2 M.	60-60-60	.80- .80- .80
1886 N. J	3	1 F.	58-58-58	.96- .96- .96
1886 N. Y.	190	2 M.	66-66-66	.50-1.21- .86
1886 Pa	7	1 M.	60-60-60	.75- .75- .75
1886 R. I	7	11 M.	60-60-60	1.17-1.50-1.34
1886 Canada	468	(a) M.	60-60-60	1.00-1.00-1.00
1886 England	601	(a) F.	57-57-57	.38- .38- .38
1886 France	66	(a) F.	(a)	.53- .53- .53
1886 Scotland	601	(a) M.	56-56-56	.44- .72- —
1887 Mass	190	3 M.	60-60-60	.75- .90- .85
1887 N. Y.	3	1 F.	56-56-56	.67- .67- .67
1887 N. Y.	190	2 M.	60-60-60	.50-1.21- .86
1887 Wis	409	3 (a)	(a)	1.35-1.35-1.35
1888 Mass	190	3 M.	60-60-60	.75- .90- .85
1888 N. J	326	4 (a)	c 60-60-60	1.25-1.70-1.36
1888 N. Y.	6	2 M.	60-60-60	1.13-1.13-1.13
1888 N. Y.	190	2 M.	60-60-60	.54-1.21- .88
1888 N. Y.	331	3 M.	d 60-60-60	1.25-1.50-1.33
1888 Canada	470	(a) M.	60-60-60	.65-1.11- —
1889 Mass	6	2 M.	(a)	1.05-1.05-1.05
1889 Mass	190	2 M.	60-60-60	.80- .80- .80
1889 N. Y.	190	2 M.	60-60-60	.67-1.42-1.05
1890 Mass	190	4 M.	60-60-60	.80- .80- .80
1890 N. Y.	190	2 M.	60-60-60	.67-1.42-1.05
1890 N. Y.	333	10 M.	(a)	.58-1.25- .84
1890 N. Y.	333	3 F.	(a)	.50- .50- .50
1890 England	6	(a) M.	55-55-55	.81- .81- .81
1890 Scotland	6	(a) M.	56-56-56	.73- .73- .73
1891 Mass	190	1 M.	60-60-60	1.00-1.00-1.00
1891 N. Y.	190	2 M.	60-60-60	.67-1.42-1.05
1891 N. Y.	333	5 M.	(a)	.75-1.63-1.21
1891 N. C	346	1 (a)	72-72-72	1.00-1.00-1.00
1891 France	505	(a) F.	66-66-66	.24- .53- —
1892 Mass	20	7 M.	60-60-60	.80-1.00- .86
1892 N. Y.	190	1 M.	60-60-60	.58- .58- .58
1892 France	505	(a) F.	66-72 —	.32- .42- —
1893 Mass	20	6 M.	58-58-58	.80-1.00- .87
1893 N. J	327	10 F.	55-55-55	.92- .92- .92
1894 Mass	20	6 M.	58-58-58	.75- .94- .79
1894 N. C	8	2 M.	66-69-68	.95-1.10-1.03
1894 R. I	401	6 (a)	(a)	1.00-1.42-1.14
1894 France	129	(a) F.	60-60-60	.69- .69- .69
1895 Conn.	7	4 M.	60-60-60	1.18-1.25-1.20
1895 La	7	7 M.	60-60-60	.60-1.00- .82
1895 Mass	7	1 M.	58-58-58	1.20-1.20-1.20
1895 Mass	20	6 M.	58-58-58	.75- .94- .79
1895 N. H	7	4 M.	60-60-60	.90-1.05- .98
1895 N. Y.	7	4 M.	60-60-60	1.00-1.75-1.48
1895 N. Y.	7	17 F.	54-60-56	.75-1.03- .93
1895 N. C	7	7 M.	66-72-69	.60- .90- .76
1895 N. C	8	6 M.	66-72-68	.65- .90- .75
1895 Ohio	376	10 M.	60-60-60	1.35-1.35-1.35
1895 S. C	7	1 M.	66-66-66	.41- .41- .41
1895 Va	7	1 M.	60-60-60	.90- .90- .90
1896 Ga	7	2 M.	66-66-66	.58- .75- .67
1896 Ky	7	1 M.	60-60-60	2.25-2.25-2.25
1896 N. H	7	3 M.	60-60-60	.90- .90- .90
1896 N. C	7	5 M.	69-69-69	.75-1.00- .83
1896 Pa	7	2 M.	60-60-60	.70- .71- .71
1896 R. I	7	10 M.	60-60-60	1.20-1.55-1.40

a Not reported.
b Not including hours of 1 person not reported.
c Not including hours of 3 persons not reported.
d Not including hours of 2 persons not reported.