

U. S. DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

ROYAL MEEKER, Commissioner

BULLETIN OF THE UNITED STATES } . . . { WHOLE
BUREAU OF LABOR STATISTICS } . . . { NUMBER 214

WAGES AND HOURS OF LABOR SERIES: NO. 24

UNION SCALE OF WAGES
AND HOURS OF LABOR
MAY 15, 1916



SEPTEMBER, 1917

WASHINGTON
GOVERNMENT PRINTING OFFICE

1917

ADDITIONAL COPIES
OF THIS PUBLICATION MAY BE PROCURED FROM
THE SUPERINTENDENT OF DOCUMENTS
GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.
AT
25 CENTS PER COPY

CONTENTS.

	Page.
Summary	5-14
Relative rates of wages and hours of labor.....	15-22
General indexes of union scale of wages and hours of labor and of retail prices of food	23-25
Table A.—Union scale of wages and hours of labor in each trade, by geographical divisions and cities, on May 15, 1916, and May 1, 1915.....	25-241
Appendix A: Wage scales in various industries.....	243-262
Window-glass industry.....	243-255
Glass-bottle industry.....	256-262
Appendix B: Union wage scales and retail prices of food in six cities.....	263-291

BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS.

WHOLE NO. 214.

WASHINGTON.

SEPTEMBER, 1917

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1916.

SUMMARY.

Organized labor received higher wages in 1916 than in any preceding year. In all trades taken collectively the increase in weekly wage rates in 1916 over 1915 was 4 per cent; over 1914, 4 per cent; over 1910, 11 per cent; and over 1907, 16 per cent. While wage rates have been increasing there has been a slight decrease in working time. In 1916 the regular hours of labor decreased 1 per cent as compared with 1915; 1 per cent as compared with 1914; 2 per cent as with 1910; and 4 per cent as with 1907. Rates of wages per hour advanced more than weekly wage rates because of the slight reduction in hours. Taken collectively, rates per hour in 1916 were 4 per cent higher than in 1915; 5 per cent higher than in 1914; 14 per cent higher than in 1910; and 19 per cent higher than in 1907.

Of 99 trades or subdivisions of trades herein reported, 80 received an average increase in weekly rates in 1916 as compared with 1915. In 19 trades there was no change, and no trade as a whole suffered a decrease. The bakery trades collectively received an advance of 2 per cent. All but one of the 17 brewing trades listed in this report received an increase ranging in the several trades from 1 to 8 per cent. Thirty of the 37 building trades listed received an increase of from 1 to 11 per cent. Chauffeurs, teamsters, and drivers received an increase of 3 per cent. Freight handlers received the greatest increase in any one occupation—14 per cent. Granite cutters had an increase of 4 per cent. All of the metal trades gained an increase of from 3 per cent for blacksmiths, blacksmiths' helpers, and boiler makers to 10 per cent for machinists. Millwork carpenters had an increase of 3 per cent, and millwork painters (hardwood finishers) 12 per cent. In book and job printing, 9 of the 11 trades received an increase—in no case, however, above 3 per cent. In the newspaper printing trades there were a few small increases; more than half the trades had no change. In the soft-drink establishment group the increase was from 1 to 5 per cent in the several occupations.

The substantial increase for freight handlers was due largely to the activities in export trade and to the hazards incident to handling munitions. The increase of 10 per cent for machinists may be attributed to the great increase in the volume of machine-shop work throughout the country, both on war orders and for home use, causing a sharp demand for skilled machinists.

The hours per week are stated in this report for 101 trades or subdivisions of trades. Of this number, 31 trades had a reduction of hours between 1915 and 1916, and 69 trades had no change. Only one trade had an increase in working hours in the year, namely, machinist operators in book and job printing.

The foregoing statements apply to each trade or subdivision as a unit.

There are 6,096 wage quotations tabulated for 1916, of which 205 show no comparable data for 1915, either because there were no effective scales in 1915 or because the unions were not then organized.

Out of 5,891 wage quotations for which there are comparable data in 1915, there are only 79 instances of a reduction in weekly wage rates between 1915 and 1916, 16 instances of reductions in rates per hour, and 11 instances of an increase in hours of labor.

While the increase in the rates of wages of organized labor in 1916 over 1915 was greater than the increase in any one-year interval as far back as 1907, yet the increase in 1916 fell short of the increase in the retail prices of food in the year. In 1916 the retail price of food as a whole was 12 per cent higher than in 1915, 11 per cent higher than in 1914, 22 per cent higher than in 1910, and 39 per cent higher than in 1907. As retail prices of food increased to a greater extent last year than wages, the purchasing power of wages consequently was reduced. From 1912 to 1915, inclusive, wages maintained practically a uniform purchasing power, measured in food, but the abnormal conditions of 1916, while advancing wage scales over 1915, increased retail prices of food so much more that the purchasing power of wages declined about $6\frac{1}{2}$ per cent within the year. The figures comparing wages and retail prices are given on pages 23 to 25.

This bulletin presents in Table A, pages 25 to 241, the union scale of wages and hours of labor prevailing on May 15, 1916, in the principal trades and occupations in 48 important industrial cities in the United States. The figures cover 761,039 union members. In cases where the scale on May 1, 1915, differed from that prevailing on May 15, 1916, the 1915 scale is given in parallel columns, it being deemed unnecessary to repeat the scale of 1915 where it was identical with that of 1916.

In an appendix, pages 243 to 262, is given a tabulation of the wage scales of window glass workers and of glass bottle blowers in the United States.

This is the fifth bulletin published by the Bureau of Labor Statistics on the subject of union scales of wages and hours of labor. The scale for 39 cities as prevailing on May 15 of each year from 1907 to 1912 was published in Bulletin No. 131. In Bulletin No. 143 was published the scale for 40 cities on May 15, 1913; in Bulletin No. 171 was published the scale for 41 cities on May 1, 1914; and in Bulletin No. 194 was published the scale for 47 cities on May 1, 1915.

The trades and occupations covered are divided into 11 groups, as follows:

Bakery trades.	Metal trades.
Brewery and bottling-house workmen.	Millwork.
Building trades.	Printing and publishing: Book and job.
Chauffeurs, teamsters, and drivers.	Printing and publishing: Newspaper.
Freight handlers.	Soft-drink establishment employees.
Granite and stone trades.	

The 48 cities included in this report are located in 32 States. The cities selected are generally the largest in their respective sections of the country. Within these 48 cities live more than one-fifth of the total population, nearly one-half of the urban population, and more than one-third of the total number of persons engaged in gainful occupations, not including those in agricultural pursuits, in continental United States.

The cities included are as follows:

North Atlantic division:	North Central division—Concluded.
Boston, Mass.	Detroit, Mich.
*Bridgeport, Conn.	*Grand Rapids, Mich.
Buffalo, N. Y.	Indianapolis, Ind.
Fall River, Mass.	Kansas City, Mo.
Manchester, N. H.	Milwaukee, Wis.
Newark, N. J.	Minneapolis, Minn.
New Haven, Conn.	Omaha, Nebr.
New York, N. Y.	*Peoria, Ill.
Philadelphia, Pa.	St. Louis, Mo.
Pittsburgh, Pa.	*St. Paul, Minn.
Providence, R. I.	South Central division:
*Rochester, N. Y.	Birmingham, Ala.
Scranton, Pa.	Dallas, Tex.
*Worcester, Mass.	*Houston, Tex.
South Atlantic division:	Little Rock, Ark.
Atlanta, Ga.	Louisville, Ky.
Baltimore, Md.	Memphis, Tenn.
Charleston, S. C.	New Orleans, La.
Jacksonville, Fla.	Western division:
Richmond, Va.	Denver, Colo.
Washington, D. C.	Los Angeles, Cal.
North Central division:	Portland, Oreg.
Chicago, Ill.	Salt Lake City, Utah.
Cincinnati, Ohio.	San Francisco, Cal.
Cleveland, Ohio.	Seattle, Wash.
*Columbus, Ohio.	*Spokane, Wash.

The asterisks in the preceding list indicate the cities added since the first report. Under each trade in the general table the cities appear in the order as listed.

The several trades and occupations for which the union scale is given in this bulletin are shown in the table next following.

A few trades not appearing in Bulletin No. 131 were added in Bulletin No. 143. In Bulletin No. 171 the scope of the inquiry was materially enlarged, four new groups of occupations being included: Brewery and bottling-house workmen; chauffeurs, teamsters, and drivers; freight handlers; and soft-drink establishment employees.

A few additional trades were added in Bulletin No. 194, and in this bulletin three trades have been included for the first time—asbestos workers, millwrights, and bindery women.

The table that follows shows for each trade and for each year for which data are available the per cent of increase in rates of wages per week on full time in 1916, as compared with each of the nine years preceding, in all cities covered, taken collectively.

TABLE 1.—PER CENT OF INCREASE IN RATES OF WAGES PER WEEK, FULL TIME, 1916, COMPARED WITH EACH OF THE NINE YEARS PRECEDING.

Occupation.	Per cent higher in 1916 than in --								
	1907	1908	1909	1910	1911	1912	1913	1914	1915
BAKERY TRADES.									
Bakers.....	23	20	16	14	11	9	5	3	2
BREWERY AND BOTTLING-HOUSE WORKMEN.									
Bottlers.....	(1)	(1)	(1)	(1)	(1)	(1)	9	5	2
Brewers.....	(1)	(1)	(1)	(1)	(1)	(1)	5	3	2
Chauffeurs and drivers.....	(1)	(1)	(1)	(1)	(1)	(1)	5	3	2
Coopers.....	(1)	(1)	(1)	(1)	(1)	(1)	3	2	2
Elevator men.....	(1)	(1)	(1)	(1)	(1)	(1)	2	(2)	(2)
Engineers.....	(1)	(1)	(1)	(1)	(1)	(1)	4	2	1
Firemen.....	(1)	(1)	(1)	(1)	(1)	(1)	5	3	1
Labelers, bottle beer.....	(1)	(1)	(1)	(1)	(1)	(1)	9	8	4
Laborers.....	(1)	(1)	(1)	(1)	(1)	(1)	9	8	5
Maltsters.....	(1)	(1)	(1)	(1)	(1)	(1)	4	3	1
Oilers.....	(1)	(1)	(1)	(1)	(1)	(1)	8	5	3
Packers, bottle beer.....	(1)	(1)	(1)	(1)	(1)	(1)	5	3	3
Stablemen.....	(1)	(1)	(1)	(1)	(1)	(1)	8	4	8
Washers.....	(1)	(1)	(1)	(1)	(1)	(1)	9	8	2
Washhouse men.....	(1)	(1)	(1)	(1)	(1)	(1)	5	4	3
Watchmen.....	(1)	(1)	(1)	(1)	(1)	(1)	5	4	3
Miscellaneous occupations.....	(1)	(1)	(1)	(1)	(1)	(1)	8	6	3
BUILDING TRADES.									
Asbestos workers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2
Bricklayers.....	6	6	6	6	6	5	3	1	1
Bricklayers, sewer, tunnel, and caisson.....	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
Building laborers.....	11	11	11	10	10	9	4	3	4
Carpenters.....	15	14	14	11	10	8	5	4	3
Carpenters, millwrights.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1
Carpenters, parquetry-floor layers.....	(1)	(1)	(1)	(1)	(1)	(1)	8	2	1
Cement workers, finishers.....	10	11	8	6	3	3	1	1	(2)
Cement workers, finishers' helpers.....	16	15	11	9	2	2	1	1	(2)
Cement workers, laborers.....	20	23	9	8	8	6	3	3	3
Composition roofers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3	1

¹ No data.

² No change.

TABLE 1.—PER CENT OF INCREASE IN RATES OF WAGES PER WEEK, FULL TIME, 1916, COMPARED WITH EACH OF THE NINE YEARS PRECEDING—Continued.

Occupation.	Per cent higher in 1916 than in—								
	1907	1908	1909	1910	1911	1912	1913	1914	1915
BUILDING TRADES—concl'd.									
Composition roofers' helpers.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6	6
Elevator constructors.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3	2
Elevator constructors' helpers.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	2
Engineers, portable and hoisting.	(1)	(1)	(1)	(1)	(1)	3	1	(2)	1
Hod carriers.	8	8	8	6	6	6	5	4	3
Inside wiremen.	18	12	11	10	9	8	5	3	1
Inside wiremen, fixture hang-ers.	(1)	(1)	(1)	(1)	9	9	6	2	2
Lathers.	(1)	(1)	(1)	(1)	(1)	8	5	3	2
Marble-setters.	11	11	11	10	9	9	2	1	(2)
Marble-setters' helpers.	(1)	(1)	(1)	(1)	(1)	6	(2)	(2)	(2)
Painters.	28	25	23	20	19	18	12	9	9
Painters, fresco.	(1)	(1)	(1)	(1)	(1)	16	15	11	11
Painters, sign.	(1)	(1)	(1)	(1)	(1)	(1)	2	2	2
Plasterers.	8	9	8	6	5	4	3	3	3
Plasterers' laborers.	14	9	8	8	8	6	4	2	1
Plumbers and gas fitters.	12	11	10	9	5	5	2	1	(2)
Sheet-metal workers.	22	19	19	15	12	11	6	3	1
Slate and tile roofers.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6	2
Steam fitters.	20	19	16	14	10	9	5	4	2
Steam-fitters' helpers.	25	23	22	15	11	9	5	4	1
Stonemasons.	11	10	9	10	10	9	5	2	1
Structural-iron workers.	15	14	12	10	6	6	3	1	1
Structural-iron workers, fin-ishers.	(1)	(1)	(1)	(1)	(1)	5	3	1	1
Structural-iron workers, fin-ishers' helpers.	(1)	(1)	(1)	(1)	(1)	2	1	(2)	(2)
Tile layers.	(1)	(1)	(1)	(1)	(1)	6	2	1	1
Tile layers' helpers.	(1)	(1)	(1)	(1)	(1)	9	6	5	3
CHAUFFEURS, TEAMSTERS, AND DRIVERS.									
Chauffeurs.	(1)	(1)	(1)	(1)	(1)	(1)	3	3	3
Teamsters and drivers.	(1)	(1)	(1)	(1)	(1)	(1)	6	4	3
Miscellaneous occupations.	(1)	(1)	(1)	(1)	(1)	(1)	4	3	3
FREIGHT HANDLERS.									
Freight handlers.	(1)	(1)	(1)	(1)	(1)	(1)	16	14	14
GRANITE AND STONE TRADES.									
Granite cutters.	14	14	11	11	10	10	5	5	4
Stonecutters.	9	9	9	9	9	8	5	1	(2)
METAL TRADES.									
Blacksmiths.	15	12	11	9	9	8	5	3	3
Blacksmiths' helpers.	27	16	15	10	10	10	8	6	3
Boiler makers.	18	16	16	11	5	4	3	3	3
Boiler makers' helpers.	20	20	19	18	14	6	5	4	4
Core makers.	27	27	27	20	15	14	8	6	6
Machinists.	22	19	19	15	14	14	12	11	10
Machinists' helpers.	(1)	(1)	(1)	(1)	(1)	(1)	8	8	8
Metal polishers and buffers.	(1)	(1)	(1)	(1)	(1)	(1)	5	5	4
Molders, iron.	19	20	20	15	14	12	8	6	6
Pattern makers, wood.	19	16	14	12	11	10	6	6	6
MILLWORK.									
Carpenters.	(1)	(1)	(1)	(1)	(1)	3	2	4	3
Painters, hardwood finishers.	(1)	(1)	(1)	(1)	(1)	22	20	16	12
PRINTING AND PUBLISHING: BOOK AND JOB.									
Bindery women.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1
Bookbinders.	9	9	8	8	5	4	2	(2)	(2)
Compositors.	19	18	18	14	10	8	5	3	2
Electrotypers:									
Battery men and builders.	28	28	28	22	16	14	11	5	3
Finishers and molders.	19	19	18	18	12	11	9	4	2

1 No data.

2 No change.

TABLE 1.—PER CENT OF INCREASE IN RATES OF WAGES PER WEEK, FULL TIME, 1916, COMPARED WITH EACH OF THE NINE YEARS PRECEDING—Concluded.

Occupation.	Per cent higher in 1916 than in—								
	1907	1908	1909	1910	1911	1912	1913	1914	1915
PRINTING AND PUBLISHING: BOOK AND JOB—concl'd.									
Linotype operators.....	11	11	10	8	6	4	2	1	(¹)
Machine tenders.....	(²)	(²)	(²)	(²)	(²)	4	2	2	1
Machinist operators.....	(²)	(²)	(²)	(²)	(²)	(²)	2	2	2
Press feeders.....	16	16	15	12	9	6	4	2	1
Pressmen, cylinder.....	18	18	10	9	6	5	4	1	1
Pressmen, platen.....	14	14	11	10	8	6	4	2	2
PRINTING AND PUBLISHING: NEWSPAPER.									
Compositors, daywork.....	14	14	11	9	6	4	2	1	(¹)
Compositors, nightwork.....	9	9	8	5	4	3	1	1	(¹)
Linotype operators, daywork.....	11	9	9	6	5	4	2	1	(¹)
Linotype operators, nightwork.....	9	8	6	5	4	3	1	1	(¹)
Machine tenders, daywork.....	(²)	(²)	(²)	(²)	(²)	2	1	1	(¹)
Machine tenders, nightwork.....	(²)	(²)	(²)	(²)	(²)	1	1	(¹)	(¹)
Machinist operators, daywork.....	(²)	(²)	(²)	(²)	(²)	(²)	2	2	2
Machinist operators, nightwork.....	(²)	(²)	(²)	(²)	(²)	(²)	(¹)	(¹)	(¹)
Pressmen, web presses, daywork.....	15	12	11	6	6	4	2	1	1
Pressmen, web presses, nightwork.....	6	6	6	5	5	4	2	1	(¹)
Stereotypers, daywork.....	16	14	12	10	10	9	2	1	1
Stereotypers, nightwork.....	12	11	11	10	10	8	2	1	1
SOFT-DRINK ESTABLISHMENT EMPLOYEES.									
Bottlers.....	(²)	(²)	(²)	(²)	(²)	(²)	8	6	3
Chauffeurs and drivers.....	(²)	(²)	(²)	(²)	(²)	(²)	2	2	1
Miscellaneous occupation.....	(²)	(²)	(²)	(²)	(²)	(²)	14	9	5

¹ No change.² No data.

The union scale, as the term is here used, is a statement, either written or definitely understood, of wages and hours of labor agreed to or accepted by an organization of union men and an employer or group of employers, under which agreement, express or implied, union men actually are working. The union scale usually fixes the limit in only one direction. It sets a minimum wage and a maximum of hours for a regular day's work. This report shows such minimum wage and maximum hours as are established by the agreed scale. In certain cities and trades, however, some workmen, and, in some few instances, all or nearly all workmen, actually are paid more than the scale, and, in some instances, employees work less than the scale hours. This report does not include information as to the amount received above the scale by workmen in any trade or locality, owing to the amount of work that would be required to collect such information. As a general rule the union scale represents the prevailing wage of a locality for efficient labor.

A compilation of data gathered as to the estimated number of members receiving the scale and more or less than the scale in 1916

has been made for two trades—machinists and newspaper compositors. The figures follow:

Machinists:	
Manufacturing and jobbing shops—	Per cent.
Receiving the scale.....	71.2
Receiving more than the scale.....	28.2
Receiving less than the scale.....	0.6
Railroad shops—	
Receiving the scale.....	89.5
Receiving more than the scale.....	10.3
Receiving less than the scale.....	0.2
Compositors, newspaper:	
Receiving the scale.....	89.6
Receiving more than the scale.....	10.4

The number of newspaper compositors receiving less than the scale was too small to affect the percentage figures shown.

In the printing trades of compositor and linotype operator contracts are found in certain cities in which there are maximum hours stated that may not be exceeded except by payment of an overtime rate, and a minimum of hours for which work must be provided or payment made when a man undertakes a day's work. When such contract exists there may be further a commonly accepted working time within the limits provided so well established that such time is in effect the standard working day. In such instances the tabulation shows such actual working hours, and notes state the maximum and minimum hours.

It is sometimes found that a union has asked for a certain standard scale but has not actually obtained it or has obtained it for only a part of its members. No scale is published here unless it is so far established that at least 50 per cent of the members of the union are receiving the scale, or above it. Agreements sometimes provide that old and infirm men may work for less than the scale. In this report there are many more cases in which union members receive more than the scale than cases where any members of the union receive less than the scale, as illustrated above. Some trades are not organized in certain cities, and some are organized only in part. When organized in part, with a scale in force for such men as are organized, the scale is published.

The union scales presented in this report are almost entirely time-rate scales. Piece-rate scales are published for compositors, linotype operators, and lathers only. These occupations have simple units of payment which are commonly understood. Some trades, especially the metal trades, work to a considerable extent on piece rates. Such rates are so great in number and the units of payment so variable that it is not practicable to quote them. The earnings at piece rates usually exceed the full-time earnings at the time rates of the trade.

For localities where piece rates prevail almost exclusively and the time rate provided for in the scale is only infrequently paid, such time rate has not been tabulated.

The time-rate scales as originally reported state wages for different units of time. Some scales designate the rates of wages by the hour, others by the day, week, or month. To make comparison easy, the varying rates have been reduced to both an hourly rate and a weekly rate.

The general table shows the rates of wages and hours of labor, the increase over the regular rate for overtime, Sunday, and holiday work, and the number of months in the year in which there was a Saturday half holiday. When for a period of more than three months of a year the number of hours differed from those shown for May, the difference has been noted in the table.

The information here published was obtained by special agents of the bureau by personal visits to business agents and secretaries of the respective unions in the several cities. Wage scales, written agreements, and trade-union records were consulted wherever available. The field work involved an interview with the officials of 1,820 local unions here represented. In many instances two or more calls had to be made before the official sought could be met.

Scales for apprentices are not shown, but scales for helpers are given in a number of trades. In some trades the work of helpers is performed in part by apprentices. Whenever it was found that the work of helpers is largely done by apprentices, the scales for such helpers have been omitted.

An inspection of the general table shows a great variation for some occupations in trade terms and classifications in the different cities. For example, bakers in some cities are classed as first hands, second hands, and third hands; in other cities as mixers, benchmen, oven men, etc. In many cities there are separate unions and scales of bakers baking different kinds of bread, as ordinary bread (often known as German bread), Hebrew bread, Italian bread, etc. The difference in occupation name makes a comparison between cities difficult. Further inquiry has shown that the terms first hand, second hand, etc., do not cover identical work in different cities where these terms are used. Certain work may be considered first-hand work in one city and second-hand work in another city. Of necessity, this bureau has followed the terminology of each city.

There are also great variations in classification and in the extent of subdivision in bookbinding and in presswork, making comparison of city with city quite difficult; and similar conditions, less in degree, are found in several other trades.

General Table A, pages 25 to 241, shows 1,860 instances of changes in scales in the 12½ months May 2, 1915, to May 15, 1916, either as

to wage rates, or hours, or both. A table is here given showing for each trade group the number of changes that were made each month.

More than one-third of the changes during the 12½ month period took place in the half month May 1 to 15, 1916, inclusive. A total of 1,455, or 78.2 per cent of the 1,860 changes, took place between January 1 and May 15, 1916.

TABLE 2.—DATES OF CHANGES IN UNION WAGE SCALES BETWEEN MAY 2, 1915, AND MAY 15, 1916, IN THE TRADES INCLUDED IN THIS REPORT.

Trade.	May 2 to 31, 1915.	June 1915.	July 1915.	Aug. 1915.	Sept. 1915.	Oct. 1915.	Nov. 1915.	Dec. 1915.	Jan. 1916.	Feb. 1916.	Mar. 1916.	Apr. 1916.	May 1 to 15, 1916.	Total.
Bakery trades.....		1										10	135	146
Brewery and bottling-house workmen.....	3	23		15	1				21	16	62	108	92	341
Building trades.....	4	11	19	10	9	10	11	3	33	6	12	54	143	325
Chauffeurs, teamsters, and drivers.....		4		16	4	5	37	5	2	31	16	31	63	214
Freight handlers.....			6				1					2	5	15
Granite and stone trades.....												12	16	32
Metal trades.....		1	4		21	8	14	6	35	24	50	63	140	366
Millwork.....						2			1		3	8	8	22
Printing and publishing: Book and job.....			8	9	16	23	12	12	63	16	15	9		183
Printing and publishing: Newspaper.....	7	4	9	2	14	10	21	2	41	11	17	7	27	172
Soft-drink establishment employees.....			1										13	14
Total.....	14	44	47	52	65	58	96	29	198	104	187	308	658	1,860

The next table summarizes these 1,860 changes as they affected each of the three phases of the scale, wages per hour, earnings per week, and hours per week.

TABLE 3.—NUMBER OF INCREASES OR DECREASES IN THE CHANGES IN UNION WAGE SCALES BETWEEN MAY 2, 1915, AND MAY 15, 1916, IN THE TRADES INCLUDED IN THIS REPORT.

Trade.	Wages per hour.				Earnings per week.				Hours per week.			
	Increase.	Decrease.	No change.	Total.	Increase.	Decrease.	No change.	Total.	Increase.	Decrease.	No change.	Total.
Bakery trades.....	139	7		146	126	7	13	146		23	123	146
Brewery and bottling-house workmen.....	341			341	330		11	341		24	317	341
Building trades.....	¹ 282	7	36	¹ 325	¹ 274	44	7	¹ 325	3	68	254	325
Chauffeurs, teamsters, and drivers.....	² 213	1		² 214	² 206	1	7	² 214		40	174	214
Freight handlers.....	15			15	9		6	15		6	9	15
Granite and stone trades.....	57		5	62	57	5		62		14	48	62
Metal trades.....	361		5	366	343	14	9	366	2	70	294	366
Millwork.....	21	1		22	21	1		22		3	19	22
Printing and publishing: Book and job.....	² 183			² 183	² 181	2		² 183	6	3	174	183
Printing and publishing: Newspaper.....	³ 167		5	³ 172	³ 159	5	8	³ 172		18	154	172
Soft-drink establishment employees.....	14			14	14			14		2	12	14
Total.....	⁴ 1,793	16	51	⁴ 1,860	⁴ 1,720	79	61	⁴ 1,860	11	271	1,578	1,860

¹ Including 7 instances of piece rates where there were increases.

² Including 1 instance of piece rates where there was an increase.

³ Including 3 instances of piece rates where there were increases.

⁴ Including 12 instances of piece rates where there were increases.

From the foregoing table it is seen that of the 146 changes reported in the bakery trade scales, 139 effected an increase and 7 a decrease in wages per hour; 126 resulted in an increase, 7 a decrease, and 13 no change in the earnings per week; and 23 produced a decrease and 123 no change in the number of hours per week. The other items of the table are read in like manner.

It is further seen that for seven trade groups all the changes in the scale were increases in the wages per hour, and that for the four other trade groups there were collectively only 16 instances of decreases in wages per hour. For three trade groups all the changes were increases in the earnings per week, and for eight trade groups there were collectively 79 instances of decreases. For eight trade groups all the changes were decreases in the hours per week, and for three trade groups there were collectively only 11 instances of increases.

Expressed in percentages, of the total of 1,860 changes in the scale, 96.4 per cent resulted in increases and 0.9 per cent decreases in the wages per hour; 92.5 per cent made increases and 4.2 per cent decreases in the earnings per week; and 0.6 per cent made increases and 14.6 per cent decreases in the hours per week.

It will be observed that comparatively few of the changes made in the scales affected hours per week, and that with only 11 exceptions the changes made were reductions.

Each agent in his visit to a city made note of all changes subsequent to May 15 up to the time of his visit, and each union official visited was asked to report by letter any changes later in the year. Many agreements contain provision for changes to take place at dates subsequent to that on which the agreement was made. All changes subsequent to May 15 in the year 1916 coming to the knowledge of the bureau are indicated by notes in General Table A, which shows 593 changes as having been made after May 15, 1916, and before January 1, 1917. This number constitutes 9.7 per cent of the 6,096 quotations tabulated.

Considering the 593 changes in the scale after May 15, 1916, by trade groups, it is found that the number of changes constitutes 23.3 per cent of the wage quotations in the millwork trades; 15 per cent in the book and job printing trades; 13.2 per cent in the metal trades; 13.1 per cent in the building trades; 12.1 per cent in the freight-handling trade; 10.3 per cent in the newspaper printing trades; 6.3 per cent in the teaming trades; 1.3 per cent in the brewing and beer-bottling trades; and less than 1 per cent in the granite and stone trades. No changes after May 15, 1916, were reported in the bakery trades or the soft-drink occupations.

RELATIVE RATES OF WAGES AND HOURS OF LABOR.

To show for all cities taken collectively the changes that have occurred from year to year a table of relative numbers has been computed for each trade included in the report, for each year back to 1907, or as far back as the bureau has figures. These relative numbers simply denote the percentages that the rates and hours for each earlier year are of the rates and hours for 1916. The rates of wages per hour, the regular working hours per week, and the rates of wages per week on full time for 1916 are taken as the basis, or 100. Thus, in the table that follows, the average rate of wages per week on full time for all bakers in 1907 was 81 per cent of the average rate in 1916. In 1908 it was 83 per cent of the average rate in 1916, etc.

These relative numbers were derived from the actual wages and hours in all the localities reported. All figures used are from unions which had comparable data for at least two consecutive years. In making the computation the actual wages and hours of each trade in each city were weighted (multiplied) by the number of members of the trade-union in the city, and the products for the several cities added together, producing aggregate wages and hours for the trade in each of the several years. The per cent of change in these aggregates indicates the change for the trade as a whole in the year.

It should be borne in mind that the relative numbers in Table 4 are percentages, not actual hours or amounts of money. In studying this table its three parts should be observed. Thus, referring again to bakers for illustration, it is seen that the relative hours per week decreased from 113 in 1907 to 100 in 1916, and that the relative rate of wages per hour increased from 71 in 1907 to 100 in 1916. The reduction in hours partly offsets the increase of wages per hour; thus the relative rates of wages per week increased from 81 in 1907 to 100 in 1916 as compared with 71 to 100, the increase in the relative rates of wages per hour.

Caution should be used in considering these relative numbers. A subtraction of relative numbers does not represent the per cent of increase or decrease between the different years. For example, the relative rate of wages per week of bakers in 1907 was 81 as compared with 100 in 1916, making an increase of 19 points in the relative number. Nineteen is 23 per cent of 81, thus making the increase in 1916 over 1907, 23 per cent, as shown in Table 1, page 8.

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916.

Year.	Bakers.			Brewery and bottling-house workmen.									
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Bottlers.			Brewers.			Chauffeurs and drivers			
				Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	
1907.....	113	71	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908.....	112	74	83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1909.....	112	77	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910.....	111	80	88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911.....	108	84	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912.....	103	90	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1913.....	102	93	95	102	91	92	101	94	95	100	95	95	95
1914.....	101	96	97	101	94	95	101	96	97	100	96	97	97
1915.....	101	97	98	101	98	98	100	98	98	100	98	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Brewery and bottling-house workmen—Continued.													
	Coopers.			Elevator men.			Engineers.			Firemen.			
1913.....	100	97	97	118	84	98	103	94	96	102	94	95	95
1914.....	100	98	98	110	91	100	102	96	98	101	96	96	97
1915.....	100	98	98	100	100	100	102	97	99	101	97	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Brewery and bottling-house workmen—Continued.													
	Labelers, bottle beer.			Laborers.			Maltsters.			Oilers.			
1913.....	103	88	92	100	93	92	113	86	96	100	93	93	93
1914.....	103	90	93	100	94	93	108	90	97	100	95	95	95
1915.....	100	95	96	100	95	95	100	99	99	100	97	97	97
1916.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Brewery and bottling-house workmen—Continued.													
	Packers, bottle beer.			Stablemen.			Washers.			Washhouse men.			
1913.....	106	90	95	101	92	93	102	91	92	101	94	95	95
1914.....	106	92	97	101	95	96	101	92	93	101	95	96	96
1915.....	101	96	97	101	96	97	100	93	93	100	98	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Brewery and bottling-house workmen—Concluded.							Building trades.						
	Watchmen.			Miscellaneous occupations.			Asbestos workers.			Bricklayers.			
1907.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	91	94	94
1908.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	91	94	94
1909.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	92	94	94
1910.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	93	94	94
1911.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	93	94	94
1912.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	95	95	95
1913.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	96	97	97
1914.....	100	96	95	101	92	93	.....	.....	.....	100	99	99	99
1915.....	100	97	96	101	93	94	.....	.....	.....	100	99	99	99
1916.....	100	97	97	101	97	97	100	98	98	100	99	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Continued.

Year.	Building trades—Continued.											
	Bricklayers, sewer, tunnel, and caisson.			Building laborers.			Carpenters.			Carpenters, mill-wrights.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....				104	85	90	102	86	87			
1908.....				104	85	90	102	86	88			
1909.....				103	86	90	102	87	88			
1910.....				101	89	91	101	90	90			
1911.....				101	89	91	101	91	91			
1912.....	100	100	100	101	90	92	101	93	93			
1913.....	100	100	100	101	94	96	101	94	95			
1914.....	100	100	100	101	95	97	100	96	96			
1915.....	100	100	100	101	96	96	100	97	97	100	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Building trades—Continued.											
	Carpenters, parquetry floor layers.			Cement workers, finishers.			Cement workers, finishers' helpers.			Cement workers, laborers.		
1907.....				105	88	91	101	85	86	102	81	83
1908.....				104	88	90	101	87	87	101	81	81
1909.....				104	91	93	101	90	90	101	91	92
1910.....				104	91	94	101	92	92	100	92	93
1911.....				103	95	97	101	97	98	100	93	93
1912.....				103	95	97	101	97	98	100	93	94
1913.....	100	93	93	102	97	99	101	98	99	100	97	97
1914.....	100	98	98	102	98	99	100	99	99	100	97	97
1915.....	100	99	99	102	99	100	100	99	100	100	97	97
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Building trades—Continued.											
	Composition roofers.			Composition roofers' helpers.			Elevator constructors.			Elevator constructors' helpers.		
1914.....	100	97	97	101	93	94	101	97	97	101	97	98
1915.....	100	99	99	101	93	94	100	98	98	100	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Building trades—Continued.											
	Engineers, portable and hoisting.			Hod carriers.			Inside wiremen.			Inside wiremen, fixture hangers.		
1907.....				104	91	93	103	83	85			
1908.....				104	91	93	103	87	89			
1909.....				103	91	93	103	88	90			
1910.....				103	93	94	102	89	91			
1911.....				102	93	94	102	90	92	107	86	92
1912.....	103	95	97	101	94	94	102	92	93	106	87	92
1913.....	101	98	99	101	95	95	102	93	95	104	91	94
1914.....	101	99	100	100	96	96	101	96	97	103	96	98
1915.....	100	99	99	100	97	97	101	98	99	103	97	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Continued.

Building trades—Continued.												
Year.	Lathers.			Marble setters.			Marble-setters' helpers.			Painters.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....				102	88	90				103	75	78
1908.....				102	89	90				103	78	80
1909.....				101	89	90				103	78	81
1910.....				101	90	91				102	82	83
1911.....				100	91	92				102	83	84
1912.....	101	94	93	100	92	92	100	94	94	102	84	85
1913.....	101	94	95	100	98	98	100	99	100	101	88	89
1914.....	101	95	97	100	99	99	100	100	100	101	91	92
1915.....	100	97	98	100	100	100	100	100	100	101	92	92
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
Building trades—Continued.												
Year.	Painters, fresco.			Painters, sign.			Plasterers.			Plasterers' laborers.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....							103	91	93	102	87	88
1908.....							102	90	92	102	91	92
1909.....							102	91	93	101	91	93
1910.....							102	92	94	101	92	93
1911.....							102	93	95	101	92	93
1912.....	102	84	86				102	95	96	101	93	94
1913.....	102	86	87	101	97	98	102	96	97	101	95	96
1914.....	101	90	90	100	98	98	101	96	97	101	97	98
1915.....	101	90	90	100	98	98	101	96	97	101	98	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
Building trades—Continued.												
Year.	Plumbers and gas fitters.			Sheet-metal workers.			Slate and tile roofers.			Steam fitters.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	102	85	89	103	81	82				104	81	83
1908.....	102	86	90	102	82	81				104	82	84
1909.....	102	88	91	102	83	84				103	84	86
1910.....	102	88	92	102	85	87				103	86	88
1911.....	102	93	95	102	88	89				103	90	91
1912.....	101	94	95	101	90	90				102	91	92
1913.....	101	97	98	101	94	94				102	94	95
1914.....	101	98	99	101	97	97	100	94	94	100	96	96
1915.....	100	99	100	100	98	99	100	97	98	100	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Continued.

Year.	Building trades—Continued.											
	Steam fitters' help- ers.			Stonemasons.			Structural-iron work- ers.			Structural-iron work- ers, finishers.		
	Rela- tive full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive rate of wages per week, full time.	Rela- tive full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive rate of wages per week, full time.	Rela- tive full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive rate of wages per week, full time.	Rela- tive full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive rate of wages per week, full time.
1907.....	101	80	80	103	87	90	104	84	87			
1908.....	101	81	81	103	89	91	103	86	88			
1909.....	101	82	82	103	89	92	103	87	89			
1910.....	100	88	87	101	90	91	102	90	91			
1911.....	100	89	90	100	91	91	102	92	94			
1912.....	100	91	92	100	92	92	101	94	94	101	94	95
1913.....	100	94	95	100	95	95	100	97	97	100	96	97
1914.....	100	96	96	100	98	98	100	98	99	100	98	99
1915.....	100	99	99	100	99	99	100	98	99	100	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Building trades—Concluded.									Chauffeurs, teamsters, and drivers.		
	Structural-iron work- ers, finishers' help- ers.			Tile layers.			Tile layers' helpers.			Chauffeurs.		
1912.....	101	97	98	101	93	94	102	91	92			
1913.....	100	99	99	101	97	98	102	92	94	103	94	97
1914.....	100	100	100	101	98	99	102	93	95	103	95	97
1915.....	100	100	100	101	99	99	100	96	97	102	96	97
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Chauffeurs, teams'ers, and drivers—Con- cluded.						Freight handlers.			Granite and stone trades.		
	Teamsters and driv- ers.			Miscellaneous occu- pations.						Granite cutters.		
1907.....										102	87	88
1908.....										102	87	88
1909.....										102	89	90
1910.....										102	89	90
1911.....										101	89	91
1912.....										101	90	91
1913.....	101	94	94	101	95	96	100	86	86	100	95	95
1914.....	101	95	96	101	96	97	100	88	88	100	96	95
1915.....	100	97	97	101	96	97	100	88	88	100	96	96
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Granite and stone trades—Concluded.			Metal trades.								
	Stonecutters.			Blacksmiths.			Blacksmiths' helpers.			Boiler makers.		
1907.....	101	91	92	104	83	87	104	75	79	105	81	85
1908.....	101	91	92	104	85	89	104	82	86	104	82	86
1909.....	101	91	92	103	86	90	103	84	87	104	83	86
1910.....	101	92	92	103	89	92	103	88	91	103	88	90
1911.....	101	92	92	102	89	92	102	88	91	103	93	93
1912.....	101	92	93	102	92	93	102	89	91	103	94	96
1913.....	100	95	95	101	94	95	101	92	93	103	94	97
1914.....	100	98	99	101	96	97	101	93	94	103	95	97
1915.....	100	99	100	101	96	97	101	95	97	103	95	97
1916.....	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Continued.

Year.	Metal trades—Continued.											
	Boiler makers' helpers.			Core makers.			Machinists.			Machinists' helpers.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	104	80	83	104	77	79	106	78	82	.....	.....	.....
1908.....	104	81	83	104	77	79	106	79	84	.....	.....	.....
1909.....	103	81	84	103	77	79	106	80	84	.....	.....	.....
1910.....	103	83	85	102	81	83	105	83	87	.....	.....	.....
1911.....	103	86	88	101	86	87	105	84	88	.....	.....	.....
1912.....	103	92	94	101	86	88	104	85	88	.....	.....	.....
1913.....	103	93	95	101	92	93	103	86	89	100	93	93
1914.....	103	93	96	101	93	94	103	88	90	100	93	93
1915.....	102	93	96	101	94	94	103	88	91	100	93	93
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Metal trades—Concluded.									Millwork.		
	Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.			Carpenters.		
1907.....	.....	.....	.....	104	80	84	105	80	84	.....	.....	.....
1908.....	.....	.....	.....	104	80	83	105	82	86	.....	.....	.....
1909.....	.....	.....	.....	103	80	83	104	84	88	.....	.....	.....
1910.....	.....	.....	.....	103	84	87	103	86	89	.....	.....	.....
1911.....	.....	.....	.....	103	86	88	102	87	90	.....	.....	.....
1912.....	.....	.....	.....	103	86	89	102	89	91	105	93	97
1913.....	103	93	95	102	91	93	101	92	94	105	94	98
1914.....	103	93	95	102	93	94	101	93	94	101	95	96
1915.....	102	94	96	102	93	94	101	93	94	101	96	97
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Millwork—Concluded.			Printing and publishing: Book and job.								
	Painters, hard wood finishers.			Bindery women.			Bookbinders.			Compositors.		
1907.....	.....	.....	.....	.....	.....	.....	111	82	92	100	85	84
1908.....	.....	.....	.....	.....	.....	.....	101	91	92	100	86	85
1909.....	.....	.....	.....	.....	.....	.....	101	92	93	100	86	85
1910.....	.....	.....	.....	.....	.....	.....	100	93	93	100	89	88
1911.....	.....	.....	.....	.....	.....	.....	100	95	95	100	92	91
1912.....	101	81	82	.....	.....	.....	100	96	96	100	94	93
1913.....	101	82	83	.....	.....	.....	100	98	98	100	95	95
1914.....	100	86	86	.....	.....	.....	100	100	100	100	97	97
1915.....	100	89	89	100	99	99	100	100	100	100	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Continued.

Printing and publishing: Book and job—Continued.												
Year.	Electrotypers: Battery men and builders.			Electrotypers: Finishers and molders.			Linotype operators.			Machine tenders.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	103	76	78	105	81	84	100	90	90	.....	.....	.....
1908.....	103	76	78	105	81	84	100	90	90	.....	.....	.....
1909.....	103	76	78	104	82	85	100	90	91	.....	.....	.....
1910.....	101	81	82	101	84	85	100	92	93	.....	.....	.....
1911.....	101	86	86	100	89	89	100	94	94	.....	.....	.....
1912.....	101	88	88	100	90	90	100	96	96	100	97	96
1913.....	100	90	90	100	92	92	100	98	98	100	98	98
1914.....	100	95	95	100	95	*96	100	99	99	100	98	98
1915.....	100	97	97	100	97	98	100	100	100	100	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
Printing and publishing: Book and job—Concluded.												
Year.	Machinist operators.			Press feeders.			Pressmen, cylinder.			Pressmen, platen.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	.....	.....	.....	112	77	86	107	80	85	106	84	88
1908.....	.....	.....	.....	101	85	86	102	84	85	102	87	88
1909.....	.....	.....	.....	100	87	87	100	91	91	100	90	90
1910.....	.....	.....	.....	100	88	89	100	92	92	100	91	91
1911.....	.....	.....	.....	100	92	92	100	94	94	100	93	93
1912.....	.....	.....	.....	100	93	94	100	95	95	100	94	94
1913.....	99	99	98	100	96	96	100	96	96	100	96	96
1914.....	99	100	98	100	98	98	100	99	99	100	98	98
1915.....	99	100	98	100	99	99	100	99	99	100	98	98
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
Printing and publishing: Newspaper.												
Year.	Compositors, daywork.			Compositors, night-work.			Linotype operators, daywork.			Linotype operators, daywork (piecework).		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	101	87	88	101	91	92	101	88	90	.....	.....	.....
1908.....	101	88	88	101	91	92	101	90	92	.....	.....	.....
1909.....	101	89	90	101	92	93	101	90	92	.....	.....	.....
1910.....	101	91	92	101	94	95	101	92	94	.....	.....	.....
1911.....	101	93	94	101	95	96	101	94	95	.....	.....	.....
1912.....	101	96	96	101	97	97	101	95	96	100	101	.....
1913.....	100	98	98	100	98	99	101	97	98	100	100	.....
1914.....	100	99	99	100	99	99	100	99	99	100	100	.....
1915.....	100	100	100	100	100	100	100	100	100	100	100	.....
1916.....	100	100	100	100	100	100	100	100	100	100	100	.....

* Based on price per 1,000 ems, nonpareil.

TABLE 4.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1916—Concluded.

Year.	Printing and publishing: Newspaper—Continued.											
	Linotype operators, nightwork.			Linotype operators, nightwork (piecework).			Machine tenders, daywork.			Machine tenders, nightwork.		
	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	101	92	92									
1908.....	101	93	93									
1909.....	101	93	94									
1910.....	101	94	95									
1911.....	101	95	96									
1912.....	101	97	97	101	101		100	97	98	100	98	99
1913.....	100	98	99	101	100		100	99	99	100	99	99
1914.....	100	89	99	101	100		100	99	99	100	99	100
1915.....	100	100	100	101	100		100	100	100	100	100	100
1916.....	100	100	100	100	100		100	100	100	100	100	100
	Printing and publishing: Newspaper—Continued.											
	Machinist operators, daywork.			Machinist operators, nightwork.			Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.		
1907.....							102	86	87	101	93	94
1908.....							101	89	89	101	93	94
1909.....							100	90	90	101	94	94
1910.....							100	94	94	100	95	95
1911.....							100	94	94	100	95	95
1912.....							100	96	96	100	96	96
1913.....	100	98	98	100	100	100	100	98	98	100	98	98
1914.....	100	98	98	100	100	100	100	99	99	100	99	99
1915.....	100	98	98	100	100	100	100	99	99	100	100	100
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Printing and publishing: Newspaper—Concluded.						Soft-drink establishment employees.					
	Stereotypers, daywork.			Stereotypers, nightwork.			Bottlers.			Chauffeurs and drivers.		
1907.....	102	85	86	101	89	89						
1908.....	102	87	88	101	90	90						
1909.....	102	88	89	101	90	90						
1910.....	101	90	91	100	91	91						
1911.....	100	91	91	100	91	91						
1912.....	100	92	92	100	92	93						
1913.....	100	98	98	100	98	98	102	91	93	100	97	98
1914.....	100	99	99	100	99	99	102	92	94	100	98	98
1915.....	100	99	99	100	99	99	101	95	97	100	99	99
1916.....	100	100	100	100	100	100	100	100	100	100	100	100
	Soft-drink establishment employees—Concluded.											
	Miscellaneous occupations.											
1913.....	101	87	88									
1914.....	101	92	92									
1915.....	100	95	95									
1916.....	100	100	100									

**GENERAL INDEXES OF UNION SCALE OF WAGES AND HOURS OF LABOR
AND OF RETAIL PRICES OF FOOD.**

A table is now presented showing index numbers for the union scales of all trades and occupations in the several industries taken as a whole. Also in the table there are presented index numbers for retail prices of food, in order that the change in wages and hours of labor and of retail prices of food may be compared from year to year.

The union scale indexes are computed from the scales appearing in this and preceding bulletins on the subject. The method of computation is the same as that used in computing the relative numbers for each of the several occupations.

The food price index is based on the retail prices of the principal articles of food to be published in a bulletin soon to appear and earlier bulletins concerning retail prices. An investigation made by the bureau in 1901 showed that the expenditure for food constituted at that time about 43 per cent of the total expenditure of the workingman's family.

TABLE 5.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR, AND OF RETAIL PRICES OF FOOD, 1907 TO 1916.

(1916=100.)

Year.	Rates of wages per hour.	Full-time hours per week.	Rates of wages per week, full time.	Retail prices of food.
1907.....	84	104	86	72
1908.....	85	103	87	74
1909.....	86	103	88	78
1910.....	88	102	90	82
1911.....	90	102	91	81
1912.....	91	101	92	86
1913.....	93	101	94	88
1914.....	95	101	96	90
1915.....	96	101	96	89
1916.....	100	100	100	100

Table 5 shows an advance in the retail prices of food considerably greater than in rates of wages per hour and in full-time weekly wages. Rates of wages per hour advanced from a relative of 84 in 1907 to 100 in 1916, an increase of 19 per cent. Retail prices of food advanced from a relative of 72 in 1907 to 100 in 1916, an advance of 39 per cent. The advance in weekly wages between 1907 and 1916 was less than in rates of wages per hour, because of reduction of hours during the period.

From the basic figures used in the preparation of the above table Table 6 has been prepared, presenting indexes of the purchasing power of wages as expended for food. As wages advance more food can be bought by wages if food remains the same in price. If food advances and wages remain stationary, the quantity of food purchasable by wages diminishes, and if wages and food advance in an equal extent, the amount of food purchased by wages remains

the same. These statements are axiomatic but need to be kept clearly in mind in studying Table 6. While wages and food have both advanced between 1907 and 1916, the advance in the retail price of food has been greater, hence the diminishing purchasing power of wages shown in the table.

TABLE 6.—INDEX NUMBERS OF PURCHASING POWER OF UNION WAGES AS MEASURED IN FOOD, 1907 TO 1916.

(1916=100.)

Year.	Purchasing power measured by retail prices of food—	
	Of rates of wages per hour.	Of rates of wages per week, full time.
1907.....	116	120
1908.....	114	117
1909.....	110	113
1910.....	108	110
1911.....	111	112
1912.....	106	107
1913.....	106	107
1914.....	106	106
1915.....	107	108
1916.....	100	100

In the preparation of the above indexes of rates of wages, hours of labor, and retail prices of food, the numbers were extended to two decimal places for closer accuracy in computation, but in the tables published the decimals of the indexes have been dropped, so that the indexes appear as whole numbers.

An index number is, as before stated, a percentage computed from the actual figures for each year compared with a base year. In the preceding table 1916 is made the base. As some readers may desire to start the comparison with the initial rather than the terminal year two tables of index numbers computed from the same basic figures are given with 1907 taken as the base, or 100.

TABLE 7.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR, AND OF RETAIL PRICES OF FOOD, 1907 TO 1916.

(1907=100.)

Year.	Rates of wages per hour.	Full-time hours per week.	Rates of wages per week, full time.	Retail prices of food.
1907.....	100	100	100	100
1908.....	101	100	101	103
1909.....	102	99	102	108
1910.....	105	99	104	113
1911.....	107	98	105	112
1912.....	109	98	107	119
1913.....	111	97	109	122
1914.....	114	97	111	125
1915.....	115	97	112	124
1916.....	119	96	116	139

TABLE S.—INDEX NUMBERS OF PURCHASING POWER OF UNION WAGES AS MEASURED IN FOOD, 1907 TO 1916.

(1907=100.)

Year.	Purchasing power, measured by retail prices of food—	
	Of rates of wages per hour.	Of rates of wages per week, full time.
1907.....	100	100
1908.....	99	98
1909.....	95	94
1910.....	93	92
1911.....	95	94
1912.....	91	90
1913.....	91	90
1914.....	91	89
1915.....	92	90
1916.....	86	84

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915.

[When both rates and hours were the same in 1915 as in 1916, the 1915 figures are not printed.]

BAKERY TRADES.

BAKERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Benchmen.....	25.0	15.00	1	1	10 -10 -60				
Foremen or first hands.....	30.0	18.00	1	1	10 -10 -60				
Second hands.....	26.7	16.00	1	1	10 -10 -60				
Hebrew bread—									
Benchmen.....	37.5	18.00	1	1 1	8 - 8 -48				
Foremen or first hands.....	50.0	24.00	1	1 1	8 - 8 -48				
Second hands.....	41.7	20.00	1	1 1	8 - 8 -48				
Bridgeport, Conn.:									
Benchmen.....	29.6	16.00	2 35c.	2	9 - 9 -54				
Foremen, 3 or more men.....	38.9	21.00	2 35c.	2	9 - 9 -54				
Foremen, less than 3 men.....	35.2	19.00	2 35c.	2	9 - 9 -54				
Second hands.....	31.5	17.00	2 35c.	2	9 - 9 -54				
Hebrew bread—									
Benchmen.....	31.6	18.00	2 40c.	1 1	9½ - 9½ -57	(3)	(3)	(3)	(3)
Foremen, 2 or more men.....	43.2	24.60	2 50c.	1 1	9½ - 9½ -57	(3)	(3)	(3)	(3)
Foremen.....	38.6	22.00	2 50c.	1 1	9½ - 9½ -57	(3)	(3)	(3)	(3)
Second hands.....	35.1	20.00	2 40c.	1 1	9½ - 9½ -57	(3)	(3)	(3)	(3)
Helpers.....	28.1	16.00	2 40c.	1 1	9½ - 9½ -57	(3)	(3)	(3)	(3)

¹ Allowed Hebrew holidays off, with pay.
² Actual rate, in cents, per hour.

³ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—(Continued.)

BAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Buffalo, N. Y.:									
Hand bakeries—									
Benchmen, day	31.5	17.00	1 40c.	2	9 - 9 - 54				
Benchmen, night	33.3	18.00	1 40c.	1	9 - 9 - 54				
Oven men, day	35.2	19.00	1 50c.	2	9 - 9 - 54				
Oven men, night	37.0	20.00	1 50c.	1	9 - 9 - 54				
Machine bakeries—									
Benchmen, day	31.5	17.00	1 40c.	2	9 - 9 - 54				
Oven men, day	35.2	19.00	1 50c.	2	9 - 9 - 54				
Polish bread—									
Benchmen	28.3	17.00	1 40c.	1	10 - 10 - 60	25.0	15.00	10 - 10 - 60	
Oven men	33.3	20.00	1 50c.	1	10 - 10 - 60	30.0	18.00	10 - 10 - 60	
Third hands	25.0	15.00	1 40c.	1	10 - 10 - 60	23.3	14.00	10 - 10 - 60	
Newark, N. J.:									
Hand bakeries—									
Benchmen	31.5	17.00	1 50c.	2 1	3 9 - 0 - 54	29.6	16.00	3 9 - 0 - 54	
Bakers, 1-man shops	35.2	19.00	1 50c.	2 1	3 9 - 0 - 54	33.3	18.00	3 9 - 0 - 54	
First hands, 2 and 3 man shops	35.2	19.00	1 50c.	2 1	3 9 - 0 - 54	33.3	18.00	3 9 - 0 - 54	
Oven men, 4-man shops	37.0	20.00	1 50c.	2 1	3 9 - 0 - 54	35.2	19.00	3 9 - 0 - 54	
Third hands, 3-man shops	27.8	15.00	1 50c.	2 1	3 9 - 0 - 54	23.9	14.00	3 9 - 0 - 54	
Third hands, 4-man shops	29.6	16.00	1 50c.	2 1	3 9 - 0 - 54	27.8	15.00	3 9 - 0 - 54	
Machine bakeries—									
Benchmen	31.5	17.00	1 50c.	2 1	3 9 - 0 - 54	29.6	16.00	3 9 - 0 - 54	
Oven men and mixers	37.0	20.00	1 50c.	2 1	3 9 - 0 - 54	33.2	19.00	3 9 - 0 - 54	
Oven men's helpers	35.2	19.00	1 50c.	2 1	3 9 - 0 - 54	33.3	18.00	3 9 - 0 - 54	
Hebrew bread—									
Foremen or oven men, day	48.1	26.00	1 60c.	4 1	5 9 - 9 - 54	46.3	25.00	5 9 - 9 - 54	
Foremen or oven men, night	50.0	27.00	1 60c.	4 1	5 9 - 9 - 54	48.1	26.00	5 9 - 9 - 54	
Second hands or mixers, day	42.6	23.00	1 60c.	4 1	5 9 - 9 - 54	40.7	22.00	5 9 - 9 - 54	
Second hands or mixers, night	44.4	24.00	1 60c.	4 1	5 9 - 9 - 54	42.6	23.00	5 9 - 9 - 54	
New Haven, Conn.:									
Hand bakeries—									
First hands	38.9	21.00	1 50c.	1 50c.	9 - 9 - 54	37.0	20.00	9 - 9 - 54	
Second hands	33.3	18.00	1 50c.	1 50c.	9 - 9 - 54	31.5	17.00	9 - 9 - 54	
Machine bakeries—									
First hands	38.9	21.00	1 50c.	1 50c.	9 - 9 - 54	37.0	20.00	9 - 9 - 54	
Second hands	31.5	17.00	1 50c.	1 50c.	9 - 9 - 54	29.6	16.00	9 - 9 - 54	
Hebrew bread—									
First hands	42.1	24.00	1 40c.	4 1	5 9 1/2 - 9 1/2 - 57	40.4	23.00	5 9 1/2 - 9 1/2 - 57	
Second hands	35.1	20.00	1 35c.	4 1	5 9 1/2 - 9 1/2 - 57	33.3	19.00	5 9 1/2 - 9 1/2 - 57	
Third hands	31.6	18.00	1 35c.	4 1	5 9 1/2 - 9 1/2 - 57	29.8	17.00	5 9 1/2 - 9 1/2 - 57	
Italian bread—									
Hand bakeries—									
Foremen	24.6	14.00	1	1	3 9 1/2 - 0 - 57	(6)	(6)	(6)	
Second hands	21.1	12.00	1	1	3 9 1/2 - 0 - 57	(6)	(6)	(6)	
Machine bakeries—									
Foremen	28.1	16.00	1	1	3 9 1/2 - 0 - 57	(6)	(6)	(6)	
Second hands	24.6	14.00	1	1	3 9 1/2 - 0 - 57	(6)	(6)	(6)	

¹ Actual rate, in cents, per hour.

² For Sundays; do not work on holidays.

³ For Sundays, 9 hours; do not work Saturdays.

⁴ Allowed Hebrew holidays off, with pay.

⁵ For Sundays, 9 hours; do not work Fridays.

⁶ Not organized, May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.:									
First hands, union A, Bronx.....	Cents. 35.2	Dolls. 19.00	Regular rate multi- plied by— 1 ^{35c.}	1	9-9-54		Cents. 30.0	Dolls. 18.00	10-10-60
First hands, union B, Brooklyn.....	35.2	19.00	1 ^{45c.}	1	9-9-54		33.3	18.00	9-9-54
First hands, union C, Man- hattan and Bronx.....	38.9	21.00	1 ^{40c.}	2 ¹	9-9-54		37.0	20.00	9-9-54
Second hands, union A, Bronx.....	29.6	16.00	1 ^{30c.}	1	9-9-54		25.0	15.00	10-10-60
Second hands, union B, Brooklyn.....	29.6	16.00	1 ^{40c.}	1	9-9-54		27.8	15.00	9-9-54
Second hands, union C, Manhattan and Bronx.....	33.3	18.00	1 ^{40c.}	2 ¹	9-9-54		31.5	17.00	9-9-54
Third hands, union A, Bronx.....	25.9	14.00	1 ^{30c.}	1	9-9-54		23.3	14.00	10-10-60
Third hands, union B, Brooklyn.....	27.8	15.00	1 ^{40c.}	1	9-9-54		25.9	14.00	9-9-54
Third hands, union C, Manhattan and Bronx.....	29.6	16.00	1 ^{40c.}	2 ¹	9-9-54		27.8	15.00	9-9-54
Third hands, union E, Manhattan.....	25.9	14.00	1 ^{35c.}	1	9-9-54				
Benchmen, union D, Man- hattan.....	29.6	16.00	1 ^{35c.}	1	9-9-54				
Benchmen, union E, Man- hattan.....	29.6	16.00	1 ^{40c.}	1	9-9-54				
Benchmen, union F, Man- hattan, West Side.....	29.6	16.00	1 ^{35c.}	3 ^{50c.}	9-9-54				
Foremen, unions D and E, Manhattan.....	35.2	19.00	1 ^{50c.}	1	9-9-54				
Foremen, union F, Man- hattan, West Side.....	35.2	19.00	1 ^{50c.}	3 ^{50c.}	9-9-54				
Helpers, union D, Man- hattan.....	25.9	14.00	1 ^{35c.}	1	9-9-54				
Helpers, union F, Man- hattan, West Side.....	25.9	14.00	1 ^{35c.}	3 ^{50c.}	9-9-54				
Bohemian bread—									
First hands.....	35.3	18.00	1 ^{45c.}	2 ¹	8½-8½-51				
Second hands.....	31.4	16.00	1 ^{45c.}	2 ¹	8½-8½-51				
Helpers.....	27.5	14.00	1 ^{40c.}	2 ¹	8½-8½-51		25.5	13.00	8½-8½-51
Hebrew bread—									
First hands, union G, Bronx.....	52.9	27.00	1 ^{60c.}	4 ¹	8½-8½-51				
First hands, union I, Manhattan.....	54.9	28.00	(²)	4 ¹	8½-8½-51				
First hands, union J, Manhattan.....	54.2	26.00	(²)	4 ¹	8-8-48				
First hands, union K, Manhattan, East Side.....	54.9	28.00	1 ^{60c.}	1	8½-8½-51				
Second hands, union G, Bronx.....	45.1	23.00	1 ^{60c.}	4 ¹	8½-8½-51				
Second hands, union I, Manhattan.....	49.0	25.00	(²)	4 ¹	8½-8½-51				
Second hands, union J, Manhattan.....	41.7	20.00	(²)	4 ¹	8-8-48				

¹ Actual rate, in cents, per hour.

² For Sundays; holidays off, with pay.

³ Actual rate, in cents, per hour for Sundays; for holidays, regular rate.

⁴ Allowed Hebrew holidays off, with pay.

⁵ Overtime work prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holi-days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Coned.									
Hebrew bread—Concluded.									
Second hands, union K, Manhattan, East Side.	Cents. 47.1	Dolls. 24.00	Regular rate multiplied by— 1 60c.	1	8½- 8½-51		Cents. Dolls.		
Third hands, union G, Bronx.	41.2	21.00	1 60c.	2 1	8½- 8½-51				
Third hands, union H, Kings.	45.1	23.00	(3)	2 1	8½- 8½-51	43.1	22.00	8½- 8½-51	
Third hands, union I, Manhattan.	45.1	23.00	(3)	2 1	8½- 8½-51				
Third hands, union K, Manhattan, East Side.	43.1	22.00	1 60c.	1	8½- 8½-51				
Third hands, union L, Brooklyn.	39.2	20.00	(3)	2 1	8½- 8½-51				
Benchmen, union H, Kings.	51.0	26.00	(3)	2 1	8½- 8½-51	49.0	25.00	8½- 8½-51	
Benchmen, union L, Brooklyn.	47.1	24.00	(3)	2 1	8½- 8½-51				
Oven men, union H, Kings.	58.8	30.00	(3)	2 1	8½- 8½-51	56.9	29.00	8½- 8½-51	
Oven men, union L, Brooklyn.	54.9	28.00	(3)	2 1	8½- 8½-51				
Italian bread—									
First hands.	39.2	20.00	1 40c.	1	8½- 8½-51	26.2	16.00	10-11-61	
Second hands.	35.3	18.00	1 35c.	1	8½- 8½-51	19.7	12.00	10-11-61	
Third hands.	31.4	16.00	1 30c.	1	8½- 8½-51	16.4	10.00	10-11-61	
Scandinavian bread—									
First hands.	30.0	18.00	1½	1	10-10-60				
Second hands.	26.7	16.00	1½	1	10-10-60				
Third hands.	25.0	15.00	1½	1	10-10-60	21.7	13.00	10-10-60	
Philadelphia, Pa.:									
First hands or foremen.	35.0	21.00	1 45c.	1	10-10-60	33.3	20.00	10-10-60	
Oven men or mixers.	31.7	19.00	1 35c.	1	10-10-60	30.0	18.00	10-10-60	
Second hands or benchmen.	26.7	16.00	1 35c.	1	10-10-60	25.0	15.00	10-10-60	
Third hands.	21.7	13.00	1 35c.	1	10-10-60	20.0	12.00	10-10-60	
Hebrew bread—									
Foremen or oven men.	48.1	26.00	(3)	2 1	9-9-54	46.3	25.00	9-9-54	
Second hands or mixers.	42.6	23.00	(3)	2 1	9-9-54	40.7	22.00	9-9-54	
Third hands.	35.2	19.00	(3)	2 1	9-9-54	33.3	18.00	9-9-54	
Fourth hands.	25.9	14.00	(3)	2 1	9-9-54	24.1	13.00	9-9-54	
Polish bread—									
First hands, 1 oven.	38.9	21.00	(4)	1	9-9-54	(5)	(5)	(5)	
First hands, 2 ovens.	42.6	23.00	(4)	1	9-9-54	(5)	(5)	(5)	
Second hands.	33.3	18.00	(4)	1	9-9-54	(5)	(5)	(5)	
Third hands.	27.8	15.00	(4)	1	9-9-54	(5)	(5)	(5)	
Pittsburgh, Pa.:									
Benchmen.	31.5	17.00	1½	1	9-9-54	23.6	16.00	9-9-54	
Foremen.	37.0	20.00	1½	1	9-9-54				
Oven men or mixers.	35.2	19.00	1½	1	9-9-54	33.3	18.00	9-9-54	
Helpers.	25.9	14.00	1½	1	9-9-54	24.1	13.00	9-9-54	
Hebrew bread—									
First hands or foremen.	57.8	26.00	1½	1	7½- 7½-45	51.0	26.00	8½- 8½-51	
Second hands.	51.1	23.00	1½	1	7½- 7½-45	43.1	22.00	8½- 8½-51	
Third hands.	44.4	20.00	1½	1	7½- 7½-45	39.2	20.00	8½- 8½-51	
Fourth hands.	40.0	18.00	1½	1	7½- 7½-45	35.3	18.00	8½- 8½-51	

¹ Actual rate, in cents, per hour.

² Allowed Hebrew holidays off, with pay.

³ Overtime work prohibited.

⁴ 10 cents more than regular rate.

⁵ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.—Concluded.									
Polish bread—									
Benchmen.....	31.4	16.00	1 40c.	1	2 8½ 0 - 51	.....	29.4	15.00	2 8½ 0 - 51
Foremen.....	41.2	21.00	1 50c.	1	2 8½ 0 - 51	.....	39.2	20.00	2 8½ 0 - 51
Second hands.....	35.3	18.00	1 50c.	1	2 8½ 0 - 51	.....	33.3	17.00	2 8½ 0 - 51
Helpers.....	29.4	15.00	1 40c.	1	2 8½ 0 - 51	.....	25.5	13.00	2 8½ 0 - 51
Providence, R. I.:									
Hebrew bread—									
Foreman.....	40.4	23.00	1 50c.	3 1	9½ 9½ 57	.....	38.6	22.00	9½ 9½ 57
Second hands.....	36.8	21.00	1 50c.	3 1	9½ 9½ 57	.....	35.1	20.00	9½ 9½ 57
Third hands.....	31.6	18.00	1 50c.	3 1	9½ 9½ 57	.....	29.8	17.00	9½ 9½ 57
Rochester, N. Y.:									
Regular rate multi-plied by—									
Benchmen.....	31.5	17.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54
Foremen, 5 or more men.....	46.3	25.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	.....	.....	.....
Foremen, 3 or 4 men.....	42.6	23.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	37.0	20.00	9 - 9 - 54
Foremen, 1 or 2 men.....	38.9	21.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	(6)	(6)	(6)
Oven men or mixers.....	37.0	20.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	35.2	19.00	9 - 9 - 54
Second hands (largeshops).....	35.2	19.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	33.3	18.00	9 - 9 - 54
Second hands (smallshops).....	31.5	17.00	1 45c.	4 45c.	5 9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54
Helpers.....	24.1	13.00	1 30c.	4 30c.	5 9 - 9 - 54	.....	22.2	12.00	9 - 9 - 54
Hebrew bread—									
First hands.....	40.7	22.00	1½	1	9 - 9 - 54	.....	37.0	20.00	9 - 9 - 54
Second hands.....	37.0	20.00	1½	1	9 - 9 - 54	.....	33.0	18.00	9 - 9 - 54
Third hands.....	35.2	19.00	1½	1	9 - 9 - 54	.....	31.5	17.00	9 - 9 - 54
Fourth hands.....	33.3	18.00	1½	1	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54
Worcester, Mass.:									
Benchmen.....									
Foremen.....	25.0	15.00	1 35c.	1	10 - 10 - 60	.....	.....	.....	.....
Foremen.....	33.3	20.00	1 35c.	1	10 - 10 - 60	.....	.....	.....	.....
Bakers working alone.....	30.0	18.00	1 35c.	1	10 - 10 - 60	.....	.....	.....	.....
Second hands.....	28.3	17.00	1 35c.	1	10 - 10 - 60	.....	.....	.....	.....
SOUTH ATLANTIC.									
Baltimore, Md.:									
Hebrew bread—									
Foremen or oven men.....	40.4	23.00	1½	1	9½ 9½ 57	.....	.....	.....	.....
Second hands or mixers.....	35.1	20.00	1½	1	9½ 9½ 57	.....	.....	.....	.....
Third hands.....	28.1	16.00	1½	1	9½ 9½ 57	.....	.....	.....	.....
Richmond, Va.:									
Benchmen or drawers.....	29.6	16.00	1 35c.	1	9 - 9 - 54	.....	(7)	(7)	(7)
Mixers.....	31.5	17.00	1 35c.	1	9 - 9 - 54	.....	(7)	(7)	(7)
Oven men.....	33.3	18.00	1 40c.	1	9 - 9 - 54	.....	(7)	(7)	(7)
Washington, D. C.:									
Hand bakeries.....	36.1	19.50	1½	1	9 - 9 - 54	.....	.....	.....	.....
Machine bakeries.....	40.6	19.50	1½	1	8 - 8 - 48	.....	.....	.....	.....

1 Actual rate, in cents per hour.
 2 For Sundays, 3½ hours; do not work on Saturdays.
 3 Allowed Hebrew holidays off, with pay.
 4 Actual rate, in cents, per hour, for holidays; for Sundays, regular rate.
 5 Allowed 6 days off each year, with pay.
 6 No scale on May 1, 1915.
 7 Not organized, May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:									
Hand bakeries—									
Foremen, spongers and oven men, day	Cents. 38.9	Dolls. 21.00	1 75c.	² 1	9 - 9 - 54		Cents. 37.0	Dolls. 20.00	9 - 9 - 54
Foremen, spongers, and oven men, night	42.6	23.00	1 75c.	² 1	9 - 9 - 54		40.7	22.00	9 - 9 - 54
Second hands, day	35.2	19.00	1 75c.	² 1	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Second hands, night	38.9	21.00	1 75c.	² 1	9 - 9 - 54		37.0	20.00	9 - 9 - 54
Third hands, day	29.6	16.00	1 75c.	² 1	9 - 9 - 54		27.8	15.00	9 - 9 - 54
Third hands, night	33.3	18.00	1 75c.	² 1	9 - 9 - 54		31.5	17.00	9 - 9 - 54
Machine bakeries—									
Foremen, spongers and oven men, day	43.8	21.00	1 75c.	² 1	8 - 8 - 48		41.7	20.00	8 - 8 - 48
Foremen, spongers and oven men, night	47.9	23.00	1 75c.	² 1	8 - 8 - 48		45.8	22.00	8 - 8 - 48
Second hands, day	39.6	19.00	1 75c.	² 1	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Second hands, night	43.8	21.00	1 75c.	² 1	8 - 8 - 48		41.7	20.00	8 - 8 - 48
Bohemian bread—									
Hand bakeries—									
Foremen, spongers and oven men, day	37.0	20.00	1 75c.	² 1	9 - 9 - 54				
Foremen, spongers and oven men, night	40.7	22.00	1 75c.	² 1	9 - 9 - 54				
Second hands, day	33.3	18.00	1 75c.	² 1	9 - 9 - 54				
Second hands, night	37.0	20.00	1 75c.	² 1	9 - 9 - 54				
Third hands, day	29.6	16.00	1 75c.	² 1	9 - 9 - 54				
Third hands, night	33.3	18.00	1 75c.	² 1	9 - 9 - 54				
Machine bakeries—									
Foremen, spongers and oven men, night	47.9	23.00	1 75c.	² 1	8 - 8 - 48		(³)	(³)	(³)
Second hands, night	43.8	21.00	1 75c.	² 1	8 - 8 - 48		(³)	(³)	(³)
Hebrew bread—									
Foremen	51.0	26.00	1 75c.	² 1	⁴ 8 ¹ / ₂ 0 - 51				
Second hands	45.1	23.00	1 75c.	² 1	⁴ 8 ¹ / ₂ 0 - 51				
Third hands	41.2	21.00	1 75c.	² 1	⁴ 8 ¹ / ₂ 0 - 51				
Polish bread—									
Foremen, spongers and oven men, day	38.9	21.00	1 50c.	² 1	9 - 9 - 54		37.0	20.00	9 - 9 - 54
Foremen, spongers and oven men, night	40.7	22.00	1 50c.	² 1	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Second hands, day	35.2	19.00	1 50c.	² 1	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Second hands, night	37.0	20.00	1 50c.	² 1	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Third hands, day	31.5	17.00	1 50c.	² 1	9 - 9 - 54		29.6	16.00	9 - 9 - 54
Third hands, night	33.3	18.00	1 50c.	² 1	9 - 9 - 54		31.5	17.00	9 - 9 - 54
Scandinavian bread—									
Foremen, spongers and oven men, day	38.9	21.00	1 75c.	² 1	9 - 9 - 54		37.0	20.00	9 - 9 - 54
Foremen, spongers and oven men, night	42.6	23.00	1 75c.	² 1	9 - 9 - 54		40.7	22.00	9 - 9 - 54
Second hands, day	35.2	19.00	1 75c.	² 1	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Second hands, night	38.9	21.00	1 75c.	² 1	9 - 9 - 54		37.0	20.00	9 - 9 - 54
Third hands, day	31.5	17.00	1 75c.	² 1	9 - 9 - 54		29.6	16.00	9 - 9 - 54
Third hands, night	35.2	19.00	1 75c.	² 1	9 - 9 - 54		33.3	18.00	9 - 9 - 54

¹ Actual rate, in cents, per hour.

² For Sundays; do not work on holidays.

³ No scale on May 1, 1915.

⁴ For Sundays, 8¹/₂ hours; do not work Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Cincinnati, Ohio:									
Hand bakeries—									
Benchmen.....	27.8	15.00	1½	(1)	9 - 9 - 54				
Foremen.....	35.2	19.00	1½	(1)	9 - 9 - 54				
Oven men and mixers.....	31.5	17.00	1½	(1)	9 - 9 - 54				
Third hands.....	22.2	12.00	1½	(1)	9 - 9 - 54				
Helpers.....	18.5	10.00	1½	(1)	9 - 9 - 54				
Machine bakeries—									
Benchmen.....	33.3	16.00	1½	(1)	8 - 8 - 48				
Oven men and mixers.....	39.6	19.00	1½	(1)	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Helpers.....	25.0	12.00	1½	(1)	8 - 8 - 48	22.9	11.00	8 - 8 - 48	
Cleveland, Ohio:									
First hands.....	35.3	18.00	2 40c.	1	8½- 8½-51	(8)	(8)	(8)	
Second hands.....	31.4	16.00	2 40c.	1	8½- 8½-51	27.8	15.00	9 - 9 - 54	
Bohemian bread—									
First hands, day.....	37.5	18.00	2 50c.	(4)	8 - 8 - 48				
First hands, night.....	39.6	19.00	2 50c.	(4)	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Second hands, day.....	35.4	17.00	2 50c.	(4)	8 - 8 - 48				
Second hands, night.....	37.5	18.00	2 50c.	(4)	8 - 8 - 48	35.4	17.00	8 - 8 - 48	
Third hands, day.....	31.3	15.00	2 50c.	(4)	8 - 8 - 48				
Third hands, night.....	33.3	16.00	2 50c.	(4)	8 - 8 - 48	31.3	15.00	8 - 8 - 48	
Hebrew bread—									
Benchmen, day.....	41.7	20.00	2 50c.	(5)	8 - 8 - 48				
Benchmen, night.....	43.8	21.00	2 50c.	(5)	8 - 8 - 48				
Oven men, day.....	52.1	25.00	2 65c.	(5)	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Oven men, night.....	54.2	26.00	2 75c.	(5)	8 - 8 - 48	52.1	25.00	8 - 8 - 48	
Helpers, day.....	31.5	17.00	2 45c.	(5)	9 - 9 - 54				
Helpers, night.....	31.5	17.00	2 45c.	(5)	9 - 9 - 54				
Columbus, Ohio:									
Benchmen.....	28.1	16.00	1½	1½	9½- 9½-57	(6)	(6)	(6)	
First hands.....	35.1	20.00	1½	1½	9½- 9½-57	(6)	(6)	(6)	
Second hands or mixers.....	31.6	18.00	1½	1½	9½- 9½-57	(6)	(6)	(6)	
Detroit, Mich.:									
Benchmen.....	35.3	18.00	2 40c.	1	8½- 8½-51	33.3	17.00	8½- 8½-51	
Foremen, oven men, or mixers.....	39.2	20.00	2 40c.	1	8½- 8½-51	37.3	19.00	8½- 8½-51	
Hebrew bread—									
Foremen, 2 ovens, day.....	51.0	26.00	2 60c.	1	7 8½- 8½-51	49.0	25.00	7 8½- 8½-51	
Foremen, 2 ovens, night.....	52.9	27.00	2 60c.	1	7 8½- 8½-51	51.0	26.00	7 8½- 8½-51	
Foremen, 1 oven, day.....	47.1	24.00	2 60c.	1	7 8½- 8½-51	45.1	23.00	7 8½- 8½-51	
Foremen, 1 oven, night.....	49.0	25.00	2 60c.	1	7 8½- 8½-51	47.1	24.00	7 8½- 8½-51	
Second hands, day.....	41.2	21.00	2 55c.	1	7 8½- 8½-51	39.2	20.00	7 8½- 8½-51	
Second hands, night.....	43.1	22.00	2 55c.	1	7 8½- 8½-51	41.2	21.00	7 8½- 8½-51	
Third hands, day.....	37.3	19.00	2 50c.	1	7 8½- 8½-51	35.3	18.00	7 8½- 8½-51	
Third hands, night.....	39.2	20.00	2 50c.	1	7 8½- 8½-51	37.3	19.00	7 8½- 8½-51	
Indianapolis, Ind.:									
Benchmen.....	26.3	15.00	1	1	9½- 9½-57				
Foremen.....	31.6	18.00	1	1	9½- 9½-57				
Third hands.....	21.1	12.00	1	1	9½- 9½-57				

1 For holidays, time and one-half; for Sundays, regular rate.

2 Actual rate, in cents, per hour.

3 No scale on May 1, 1915.

4 For holidays, double time; for Sundays, regular rate.

5 Allowed Hebrew holidays off, with pay.

6 Not organized, May 1, 1915.

7 For Sundays, 7½ hours; do not work Fridays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Continued.

BAKERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Kansas City, Mo.:									
Hand bakeries—									
Benchmen.....	Cents. 37.0	Dolls. 20.00	1 50c.	(2)	9 - 9 - 54				
Foremen.....	50.0	27.00	3 70c.	(2)	9 - 9 - 54				
Oven men or spongers.....	40.7	22.00	1 50c.	(2)	9 - 9 - 54				
Drawers.....	38.9	21.00	1 50c.	(2)	9 - 9 - 54				
Machine bakeries—									
Benchmen.....	41.7	20.00	1 50c.	(2)	8 - 8 - 48				
Foremen.....	56.3	27.00	3 70c.	(2)	8 - 8 - 48				
Oven men, spongers, or mixers.....	45.8	22.00	1 50c.	(2)	8 - 8 - 48				
Drawers.....	43.8	21.00	1 50c.	(2)	8 - 8 - 48				
Milwaukee, Wis.:									
Benchmen.....	29.8	17.00	4 40c.	5 1	9½ - 9½ - 57	28.1	16.00	9½ - 9½ - 57	
Foremen and oven men.....	33.3	19.00	4 50c.	5 1	9½ - 9½ - 57	31.6	18.00	9½ - 9½ - 57	
Third hands.....	29.8	17.00	4 40c.	5 1	9½ - 9½ - 57	26.3	15.00	9½ - 9½ - 57	
Hebrew bread—									
Benchmen.....	29.8	17.00	4 50c.	1	9½ - 9½ - 57	28.1	16.00	9½ - 9½ - 57	
Foremen and oven men.....	35.1	20.00	4 60c.	1	9½ - 9½ - 57	33.3	19.00	9½ - 9½ - 57	
Third hands.....	26.3	15.00	4 40c.	1	9½ - 9½ - 57	24.6	14.00	9½ - 9½ - 57	
Minneapolis, Minn.:									
Benchmen, day.....	29.6	16.00	4 40c.	1	9 - 9 - 54				
Benchmen, night.....	31.5	17.00	4 50c.	1	9 - 9 - 54				
Foremen, 1 or more men, day.....	35.2	19.00	4 40c.	1	9 - 9 - 54				
Foremen, 1 or more men, night.....	37.0	20.00	4 50c.	1	9 - 9 - 54				
Foremen, working alone, day.....	33.3	18.00	4 40c.	1	9 - 9 - 54				
Foremen, working alone, night.....	35.2	19.00	4 50c.	1	9 - 9 - 54				
Hebrew bread—									
Benchmen.....	35.2	19.00	4 40c.	1	9 - 9 - 54	28.3	17.00	10 - 10 - 60	
Foremen.....	44.4	24.00	4 50c.	1	9 - 9 - 54	36.7	22.00	10 - 10 - 60	
Peoria, Ill.:									
Benchmen.....	33.3	18.00	4 50c.	2	9 - 9 - 54				
Foremen, 4 or more men.....	44.4	24.00	4 50c.	2	9 - 9 - 54				
Foremen, less than 4 men.....	40.7	22.00	4 50c.	2	9 - 9 - 54				
Oven men or spongers.....	37.0	20.00	4 50c.	2	9 - 9 - 54				
St. Louis, Mo.:									
Hand bakeries—									
Benchmen.....	29.6	16.00	4 60c.	1	9 - 9 - 54				
Foremen.....	35.2	19.00	4 60c.	1	9 - 9 - 54				
Machine bakeries—									
Benchmen.....	33.3	16.00	4 60c.	1	8 - 8 - 48	29.6	16.00	9 - 9 - 54	
Foremen, 5 or more men.....	45.8	22.00	4 60c.	1	8 - 8 - 48	40.7	22.00	9 - 9 - 54	
Foremen, less than 5 men.....	39.6	19.00	4 60c.	1	8 - 8 - 48	35.2	19.00	9 - 9 - 54	
Oven men or spongers.....	39.6	19.00	4 60c.	1	8 - 8 - 48	35.2	19.00	9 - 9 - 54	
Oven men's or spongers' assistants.....	35.4	17.00	4 60c.	1	8 - 8 - 48	31.5	17.00	9 - 9 - 54	
Helpers.....	25.0	12.00	4 40c.	1	8 - 8 - 48	22.2	12.00	9 - 9 - 54	
Hebrew bread—									
Foremen.....	46.3	25.00	4 60c.	1	9 - 9 - 54				
Second hands.....	38.9	21.00	4 60c.	1	9 - 9 - 54				
Third hands.....	35.2	19.00	4 60c.	1	9 - 9 - 54				

¹ Actual rate, in cents, per hour, first 5 hours; 75 cents per hour thereafter.

² For holidays, double time; for Sundays, regular rate.

³ Actual rate, in cents, per hour, first 5 hours; 95 cents per hour thereafter.

⁴ Actual rate, in cents, per hour.

⁵ For Sundays; do not work on holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BAKERY TRADES—Continued.
BAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Paul, Minn.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Benchmen.....	31.5	17.00	1 50c.	1	9 - 9 - 54				
Foremen.....	37.0	20.00	1 50c.	1	9 - 9 - 54				
Oven men.....	33.3	18.00	1 50c.	1	9 - 9 - 54				
SOUTH CENTRAL.									
Dallas, Tex.:									
Foremen, 5 or more men.....	49.0	25.00	1 50c.	1 50c.	8½ - 8½ - 51		40.7	22.00	9 - 9 - 54
Foremen, less than 5 men.....	43.1	22.00	1 50c.	1 50c.	8½ - 8½ - 51		40.7	22.00	9 - 9 - 54
Second hands.....	39.2	20.00	1 50c.	1 50c.	8½ - 8½ - 51		37.0	20.00	9 - 9 - 54
Third hands.....	35.3	18.00	1 50c.	1 50c.	8½ - 8½ - 51		33.3	18.00	9 - 9 - 54
Louisville, Ky.:									
Benchmen.....	24.6	14.00	1½	1	9½ - 9½ - 57				
Mixers.....	29.8	17.00	1½	1	9½ - 9½ - 57				
Oven men.....	28.1	16.00	1½	1	9½ - 9½ - 57				
Memphis, Tenn.:									
Hand bakeries—									
Benchmen, day.....	31.5	17.00	1 50c.	(2)	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Benchmen, night.....	33.3	18.00	1 50c.	(2)	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Foremen, day.....	37.0	20.00	1 50c.	(2)	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Foremen, night.....	40.7	22.00	1 50c.	(2)	9 - 9 - 54		42.6	23.00	9 - 9 - 54
Machine bakeries—									
Benchmen, night.....	33.3	18.00	1 50c.	(2)	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Foremen, night.....	40.7	22.00	1 50c.	(2)	9 - 9 - 54		42.6	23.00	9 - 9 - 54
Oven men and spongers, night.....	35.2	19.00	1 50c.	(2)	9 - 9 - 54		37.0	20.00	9 - 9 - 54
WESTERN.									
Denver, Colo.:									
Benchmen.....	33.3	18.00	1 40c.	1	9 - 9 - 54				
Foremen, 5 or more men.....	46.3	25.00	1 50c.	1	9 - 9 - 54				
Foremen, less than 5 men.....	40.7	22.00	1 50c.	1	9 - 9 - 54				
Oven men or mixers.....	37.0	20.00	1 45c.	1	9 - 9 - 54				
Hebrew bread—									
Benchmen.....	38.9	21.00	1 60c.	1	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Foremen or oven men.....	42.6	23.00	1 70c.	1	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Los Angeles, Cal.:									
Benchmen.....	33.3	18.00	1½	1	9 - 9 - 54				
Foremen.....	44.4	24.00	1½	1	9 - 9 - 54				
Oven men or mixers.....	38.9	21.00	1½	1	9 - 9 - 54				
Third hands.....	22.2	12.00	1½	1	9 - 9 - 54				
Hebrew bread—									
Benchmen.....	41.2	21.00	1½	1	8½ - 8½ - 51				
Foremen.....	52.9	27.00	1½	1	8½ - 8½ - 51				
Portland, Oreg.:									
Hand bakeries—									
Benchmen.....	39.2	20.00	1½	1	8½ - 8½ - 51		37.3	19.00	8½ - 8½ - 51
Benchmen, partly oven work.....	43.1	22.00	1½	1	8½ - 8½ - 51		41.2	21.00	8½ - 8½ - 51
Foremen, 2 or more men.....	51.0	26.00	1½	1	8½ - 8½ - 51		49.0	25.00	8½ - 8½ - 51
Foremen, 1 man.....	46.1	23.50	1½	1	8½ - 8½ - 51		44.1	22.50	8½ - 8½ - 51
Bakers, working alone.....	43.1	22.00	1½	1	8½ - 8½ - 51		41.2	21.00	8½ - 8½ - 51

1 Actual rate in cents, per hour.

2 For July 4, Labor Day, and Christmas, time and one-half; for other holidays and Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BAKERY TRADES—Concluded.

BAKERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half hoh- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hoh- days.			Per hour.	Per week full time.	
WESTERN—concluded.									
Portland, Oreg.—Concluded.									
Machine bakeries—									
Benchmen	39.2	20.00	1½	1	8½- 8½-51		37.3	19.00	8½- 8½-51
Oven men	51.0	25.00	1½	1	8½- 8½-51		49.0	25.00	8½- 8½-51
Salt Lake City, Utah:									
Benchmen	28.3	17.00	1	1½	10 -10 -60	(1)	(1)		(1)
Foremen	40.0	24.00	1	1½	10 -10 -60	(1)	(1)		(1)
Oven men	35.0	21.00	1	1½	10 -10 -60	(1)	(1)		(1)
Bakers, working alone	33.3	20.00	1	1½	10 -10 -60	(1)	(1)		(1)
San Francisco, Cal.:									
Hand bakeries—									
Benchmen	38.9	21.00	² 50c.	1	9 - 9 -54				
Benchmen, partly oven work	42.6	23.00	² 50c.	1	9 - 9 -54				
Benchmen's assistants	37.0	20.00	² 50c.	1	9 - 9 -54				
Foremen or oven men	46.3	25.00	² 75c.	1	9 - 9 -54				
Machine bakeries—									
Benchmen	41.7	20.00	² 50c.	1	8 - 8 -48				
Benchmen, partly oven work	45.8	22.00	² 50c.	1	8 - 8 -48				
Foremen or oven men	52.1	25.00	² 75c.	1	8 - 8 -48				
Seattle, Wash.:									
Benchmen	41.7	20.00	² 50c.	³ 50c.	8 - 8 -48				
Benchmen in charge of ovens	45.8	22.00	² 60c.	³ 60c.	8 - 8 -48				
Foremen	52.1	25.00	² 60c.	³ 60c.	8 - 8 -48				
Mixers	45.8	22.00	² 60c.	³ 60c.	8 - 8 -48				
Spokane, Wash.:									
Benchmen, day	38.9	21.00	² 60c.	1	9 - 9 -54				
Benchmen, night	43.8	21.00	² 60c.	1	8 - 8 -48				
Foremen, day	48.1	26.00	² 70c.	1	9 - 9 -54				
Foremen, night	54.2	26.00	² 70c.	1	8 - 8 -48				
Oven men or mixers, day	42.6	23.00	² 65c.	1	9 - 9 -54				
Oven men, night	47.9	23.00	² 65c.	1	8 - 8 -48				

¹ Not organized, May 1, 1915.

² Actual rate, in cents, per hour.

³ Actual rate, in cents, per hour for holidays; for Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN.

BOTTLERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	35.4	17.00	¹ 50c.	1	8 - 8 - 48		33.3	16.00	8 - 8 - 48
Bridgeport, Conn.....	27.8	15.00	¹ 1/2	2	9 - 9 - 54		(²)	(²)	(²)
Buffalo, N. Y.....	31.3	15.00	¹ 1/2	⁴ 1/2	³ 8 - 8 - 48		25.9	14.00	9 - 9 - 54
Fall River, Mass.....	28.1	13.50	¹ 40c.	¹ 40c.	8 - 8 - 48		26.0	12.50	8 - 8 - 48
Newark, N. J.:									
Bottlers, crowners and pas- teurizers.....	29.6	⁵ 16.00	¹ 1/2	(⁶)	⁵ 9 - 9 - 54		25.9	⁷ 14.00	⁷ 9 - 9 - 54
First men.....	35.2	⁹ 19.00	¹ 1/2	(⁹)	⁸ 0 - 9 - 54		31.5	⁹ 17.00	⁹ 9 - 9 - 54
New Haven, Conn.....	31.5	17.00	¹ 35c.	¹⁰ 35c.	¹¹ 9 - 9 - 54		27.8	15.00	¹¹ 9 - 9 - 54
Helpers.....	25.9	14.00	¹ 35c.	¹⁰ 35c.	¹¹ 9 - 9 - 54		22.2	12.00	¹¹ 9 - 9 - 54
New York, N. Y.....	27.8	15.00	¹ 1/2	¹² 50c.	9 - 9 - 54				
Philadelphia, Pa.....	24.1	13.00	¹ 1/2	¹ 1/2	9 - 9 - 54				
Crowners.....	22.2	12.00	¹ 1/2	¹ 1/2	9 - 9 - 54				
Pittsburgh, Pa.....	36.5	17.50	¹ 1/2	¹ 1/2	8 - 8 - 48				
Foremen, 4 men or less.....	42.7	20.50	¹ 3/4	¹ 1/2	8 - 8 - 48				
Foremen, more than 4 men.....	49.0	23.50	¹ 3/4	¹ 1/2	8 - 8 - 48				
Providence, R. I.....	35.4	17.00	¹ 50c.	¹ 60c.	8 - 8 - 48				
Helpers.....	32.3	15.50	¹ 50c.	¹ 60c.	8 - 8 - 48				
Rochester, N. Y.....	35.4	¹⁰ 17.00	¹ 50c.	¹⁵ 50c.	¹⁴ 8 - 8 - 48		33.3	16.00	8 - 8 - 48
Scranton, Pa.....	33.3	16.00	¹ 1/2	¹⁶ 2	8 - 8 - 48				
Crowners.....	31.3	15.00	¹ 1/2	¹⁶ 2	8 - 8 - 48				
Pasteurizers.....	27.1	13.00	¹ 1/2	¹⁶ 2	8 - 8 - 48				
Worcester, Mass.....	42.2	20.25	¹ 50c.	2	8 - 8 - 48				
Wholesale houses.....	35.2	19.00	¹ 50c.	2	¹⁷ 9 - 9 - 54		31.5	17.00	¹⁸ 9 - 9 - 54
SOUTH ATLANTIC.									
Baltimore, Md.....	31.3	15.00	¹ 35c.	¹ 35c.	8 - 8 - 54		27.8	15.00	9 - 9 - 54
Helpers.....	30.2	14.50	¹ 35c.	¹ 35c.	8 - 8 - 54		26.9	14.50	9 - 9 - 54
Jacksonville, Fla.....	25.9	14.00	¹ 1/2	¹ 1/2	¹⁹ 9 - 9 - 54				
Richmond, Va.....	27.6	16.00	¹ 1/2	¹ 50c.	²⁰ 10 - 8 - 58				
Helpers.....	20.7	12.00	¹ 1/2	¹ 50c.	²⁰ 10 - 8 - 58				
Washington, D. C.....	31.3	15.00	¹ 50c.	¹ 50c.	²¹ 8 - 8 - 48				

¹ Actual rate, in cents, per hour.
² No scale on May 1, 1915.
³ 40 hours and \$12.50 per week, December to March, inclusive.
⁴ For Sundays; work one-half day on Memorial Day and Thanksgiving paid for full day.
⁵ 45 hours and \$13.33 per week, October to March, inclusive.
⁶ For Sundays, double time; for holidays, regular rate.
⁷ 45 hours and \$11.67 per week, October to March, inclusive.
⁸ 45 hours and \$15.83 per week, October to March, inclusive.
⁹ 45 hours and \$14.17 per week, October to March, inclusive.
¹⁰ Actual rate, in cents, per hour for Sundays; for holidays, work one-half day, paid for full day.
¹¹ 8 hours per day, 48 per week, October to April, inclusive.
¹² Actual rate, in cents, per hour for Sundays; for holidays, work 5 hours, paid for full day, except from May 15 to September 15, regular rate.
¹³ On days before holidays and "lay off days" time and one-half.
¹⁴ 40 hours and \$14.17 per week, January to March, inclusive.
¹⁵ Actual rate, in cents, per hour for Sundays; holidays off, with pay.
¹⁶ For Sundays, double time; work one-half day on July 4 and Memorial Day, paid for full day; other holidays off, with pay.
¹⁷ Scale became 48 hours on September 1, 1916.
¹⁸ 8 hours per day, 48 per week, November to April, inclusive.
¹⁹ 8 hours per day, 48 per week, September to April, inclusive.
²⁰ 53 hours per week, October to March, inclusive.
²¹ 4 days off each year with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BOTTLERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.....	34.4	16.50	1½	1½	8 - 8 - 48				
Cincinnati, Ohio.....	34.4	16.50	1½	1½	8 - 8 - 48		31.3	15.00	8 - 8 - 48
Cleveland, Ohio.....	33.3	16.00	1½	(1)	8 - 8 - 48				
Columbus, Ohio.....	35.4	17.00	1½	1½	8 - 8 - 48				
Petroit, Mich.....	41.7	20.00	1½	1½	8 - 8 - 48				
Grand Rapids, Mich.....	34.4	16.50	1½	1½	8 - 8 - 48				
Indianapolis, Ind.....	35.4	17.00	1½	1½	8 - 8 - 48		32.3	15.50	8 - 8 - 48
Utility men.....	35.9	17.25	1½	1½	8 - 8 - 48		32.7	15.70	8 - 8 - 48
Kansas City, Mo.....	39.6	19.00	1½	(2)	8 - 8 - 48				
Milwaukee, Wis.....	35.4	17.00	1½	1½	8 - 8 - 48				
Helpers.....	22.9	11.00	1½	1½	8 - 8 - 48				
Minneapolis, Minn.....	36.5	17.50	3 50c.	3 50c.	8 - 8 - 48				
Omaha, Nebr.....	35.4	17.00	3 50c.	3 50c.	8 - 8 - 48				
Peoria, Ill.....	33.3	16.00	1½	1½	8 - 8 - 48				
Helpers.....	30.2	14.50	1½	1½	8 - 8 - 48				
St. Louis, Mo.....	37.5	18.00	1½	1½	8 - 8 - 48				
St. Paul, Minn.....	36.5	17.50	3 50c.	4 50c.	8 - 8 - 48		34.4	16.50	8 - 8 - 48
SOUTH CENTRAL.									
Dallas, Tex.....	37.5	18.00	1½	1½	8 - 8 - 48		35.4	17.00	8 - 8 - 48
Houston, Tex.....	41.7	20.00	1½	1½	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Crowners, pasteurizers, etc.....	42.7	20.50	1½	1½	8 - 8 - 48		38.5	18.50	8 - 8 - 48
Louisville, Ky.....	29.2	14.00	1½	1½	8 - 8 - 48		28.1	13.50	8 - 8 - 48
New Orleans, La.....	25.9	14.00	1½	1½	9 - 9 - 54				
WESTERN.									
Denver, Colo. ⁵	37.5	18.00	1½	1½	8 - 8 - 48				
Head bottlers.....	40.6	19.50	1½	1½	8 - 8 - 48				
Los Angeles, Cal.....	41.7	20.00	1½	(2)	8 - 8 - 48				
Portland, Oreg. ⁵	41.7	20.00	1½	1½	8 - 8 - 48				
Salt Lake City, Utah.....	39.6	19.00	1½	1½	8 - 8 - 48				
Head bottlers.....	41.7	20.00	1½	1½	8 - 8 - 48				
San Francisco, Cal.....	46.9	22.50	1½	(2)	8 - 8 - 48				
Seattle, Wash. ⁵	43.8	21.00	1½	1½	8 - 8 - 48				
Spokane, Wash.....	43.8	21.00	3 60c.	3 60c.	8 - 8 - 48				

BREWERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Cellarmen, fermenters, and kettlemen.....	37.5	18.00	3 50c.	3 50c.	8 - 8 - 48				
First men in cellar, fer- menting room, and at kettles.....	41.7	20.00	1 50c.	3 50c.	8 - 8 - 48				

¹ Sundays, work prohibited; holidays off, with pay.

² For Sundays, double time; for holidays, time and one-half.

³ Actual rate, in cents, per hour.

⁴ Sundays, actual rate, in cents, per hour; allowed New Year's Day, Labor Day, Thanksgiving and Christmas off, with pay; if work is performed on these days, 50 cents per hour additional is paid; other holidays, 50 cents per hour.

⁵ "Near beer."

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BREWERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Bridgeport, Conn.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cellarmen.....	41.7	20.00	1 50c.	(²)	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Fermenters and kettlemen.	39.6	19.00	1 50c.	(²)	8 - 8 - 48		35.4	17.00	8 - 8 - 48
First cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 50c.	(²)	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Buffalo, N. Y.:									
Cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 50c.	1 50c.	8 - 8 - 48		41.7	20.00	8 - 8 - 48
First cellarmen, fermenters, and kettlemen.....	45.8	22.00	1 50c.	1 50c.	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Fall River, Mass.:									
Cellarmen, fermenters, and kettlemen.....	36.5	17.50	1 50c.	1 50c.	8 - 8 - 48		35.4	17.00	8 - 8 - 48
First cellarmen, fermenters, and kettlemen.....	40.6	19.50	1 50c.	1 50c.	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Manchester, N. H.:									
Cellarmen, fermenters, and kettlemen.....	33.3	16.00	1 50c.	1 50c.	8 - 8 - 48				
First cellarmen and fermenters.....	35.4	17.00	1 50c.	1 50c.	8 - 8 - 48				
First kettlemen.....	37.5	18.00	1 50c.	1 50c.	8 - 8 - 48				
Newark, N. J.: Cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 1/2	(⁶)	8 - 8 - 48		39.6	19.00	8 - 8 - 48
New Haven, Conn.:									
Cellarmen, fermenters, and kettlemen.....	44.8	21.50	1 50c.	(⁸)	8 - 8 - 48		40.6	19.50	8 - 8 - 48
First cellarmen, fermenters, and kettlemen.....	46.9	22.50	1 50c.	(⁸)	8 - 8 - 48		42.7	20.50	8 - 8 - 48
New York, N. Y.: Cellarmen, fermenters, and kettlemen.....	41.7	20.00	1 50c.	⁹ 60c.	8 - 8 - 48				
Philadelphia, Pa.:									
Cellarmen, fermenters, and kettlemen.....	37.5	18.00	1 1/2	(¹⁰)	8 - 8 - 48				
First cellarmen, fermenters, and kettlemen.....	41.7	20.00	1 1/2	(¹⁰)	8 - 8 - 48				
Pittsburgh, Pa.:									
Cellarmen, fermenters, and kettlemen.....	40.6	19.50	1 1/2	1 1/2	8 - 8 - 48				
First cellarmen.....	46.9	22.50	1 1/2	1 1/2	8 - 8 - 48				
First brewhouse men and fermenters.....	42.7	20.50	1 1/2	1 1/2	8 - 8 - 48				
Providence, R. I.:									
Cellarmen, fermenters, and kettlemen.....	40.6	19.50	1 50c.	1 60c.	8 - 8 - 48				
First cellarmen, fermenters, and kettlemen.....	44.8	21.50	1 50c.	1 60c.	8 - 8 - 48				

¹ Actual rate, in cents, per hour.
² Work on Sundays, New Year's Day, and Christmas prohibited; work 4 hours on Memorial Day and Thanksgiving, and 3 hours on May 1 and Labor Day, paid for full day.
³ 40 hours and \$17.50 per week, December to March, inclusive.
⁴ 40 hours and \$18.33 per week, December to March, inclusive.
⁵ 40 hours and \$17.50 per week, October to March, inclusive.
⁶ For Sundays, double time; for holidays, regular rate.
⁷ Forty hours and \$15.83 per week, October to March, inclusive.
⁸ For Sundays, work prohibited; for holidays, work one-half day, paid for full day.
⁹ Actual rate, in cents, per hour for Sundays; for holidays, double time except from May 15 to September 15, regular rate.
¹⁰ For Sundays, time and one-half; for holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BREWERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Providence, R. I.—Coned.									
First cellarmen, fermenters, and kettlemen (4 or more men).....	Cents. 49.0	Dolls. 23.50		Regular rate multiplied by— 1 50c. 1 60c.	8 - 8 -48		Cents. Dolls.		
Rochester, N. Y.:									
Cellarmen, fermenters, and kettlemen.....	41.7	20.00	1 50c.	2 50c.	2 8 - 8 -48		39.6	19.00	8 - 8 -48
First cellarmen, fermenters, and kettlemen.....	46.9	22.50	1 50c.	2 50c.	4 8 - 8 -48		44.8	21.50	8 - 8 -48
Scranton, Pa.:									
Cellarmen, fermenters, and kettlemen.....	39.6	19.00	1 1/2	2	8 - 8 -48				
First cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 1/2	2	8 - 8 -48				
Worcester, Mass.:									
Cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 50c.	1 50c.	8 - 8 -48		39.6	19.00	8 - 8 -48
First cellarmen.....	50.0	24.00	1 50c.	1 50c.	8 - 8 -48		45.8	22.00	8 - 8 -48
First fermenters.....	45.8	22.00	1 50c.	1 50c.	8 - 8 -48		41.7	20.00	8 - 8 -48
First kettlemen.....	54.2	26.00	1 50c.	1 50c.	8 - 8 -48		50.0	24.00	8 - 8 -48
SOUTH ATLANTIC.									
Baltimore, Md.: Cellarmen, fermenters, and kettlemen.....	39.6	19.00	1 50c.	(⁶)	8 - 8 -48		37.5	18.00	8 - 8 -48
Jacksonville, Fla.....	37.0	20.00	1 1/2	1 1/2	7 8 - 8 -48				
Richmond, Va.:									
Cellarmen and washhouse men.....	32.0	16.00	1 1/2	1 50c.	9 - 5 -50	12			
First cellarmen.....	38.0	19.00	1 1/2	1 50c.	9 - 5 -50	12			
Washington, D. C.:									
Cellarmen, fermenters, and kettlemen.....	39.6	19.00	1 1/2	1 1/2	8 - 8 -48				
First cellarmen, fermenters, and kettlemen.....	45.8	22.00	1 1/2	1 1/2	8 - 8 -48				
Rackers.....	41.7	20.00	1 1/2	1 1/2	8 - 8 -48				
NORTH CENTRAL.									
Chicago, Ill.: Cellarmen, fermenters, and kettlemen.....	47.9	23.00	1 1/2	1 1/2	8 - 8 -48				
Cincinnati, Ohio: Cellarmen, fermenters, and kettlemen.....	42.7	20.50	1 1/2	1 1/2	8 - 8 -48		40.6	19.50	8 - 8 -48
Cleveland, Ohio:									
Cellarmen, fermenters, and kettlemen.....	41.7	20.00	1 1/2	(⁹)	8 - 8 -48				
First cellarmen, fermenters, and kettlemen.....	44.8	21.50	1 1/2	(⁹)	8 - 8 -48				
Columbus, Ohio: Cellarmen, fermenters, and kettlemen.....	41.7	20.00	1 1/2	1 1/2	8 - 8 -48				

¹ Actual rate, in cents, per hour.

² 40 hours and \$16.69 per week, January to March, inclusive.

³ Actual rate, in cents, per hour for Sundays; holidays off, with pay.

⁴ 40 hours and \$18.75 per week, January to March, inclusive.

⁵ For Sundays; holidays off, with pay.

⁶ For Sundays and for Christmas and New Year's Day, double time; for other holidays, time and a half.

⁷ 8 hours per day, 48 per week, September to April, inclusive.

⁸ Allowed 4 days off each year with pay.

⁹ Work on Sunday prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BREWERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Detroit, Mich.: Cellarmen, fermenters, and kettlemen.	<i>Cents.</i> 47.9	<i>Dolls.</i> 23.00	1½	1½	8 - 8 - 48		<i>Cents.</i> 43.8	<i>Dolls.</i> 21.00	8 - 8 - 48
Grand Rapids, Mich.: Cellarmen.....	37.5	18.00	1½	1½	8 - 8 - 48				
Kettlemen.....	41.7	20.00	1½	1½	8 - 8 - 48				
Indianapolis, Ind.: Cellar- men, fermenters, and ket- tlemen.....	42.2	20.25	1½	1½	8 - 8 - 48	39.6	19.00	8 - 8 - 48	
Kansas City, Mo.: Cellarmen, fermenters, and kettlemen.....	47.9	23.00	1½	1½	8 - 8 - 48				
First cellarmen, ferme- ters, and kettlemen.....	52.1	25.00	1½	1½	8 - 8 - 48				
Milwaukee, Wis.: Cellarmen, fermenters, and kettlemen.	41.7	20.00	1½	1½	8 - 8 - 48				
Minneapolis, Minn.: Cellarmen.....	42.7	20.50	1 50c.	1 50c.	8 - 8 - 48				
Kettlemen, daywork.....	42.7	20.50	1 50c.	1 50c.	8 - 8 - 48				
Kettlemen, night work.....	49.0	23.50	1 50c.	1 50c.	8 - 8 - 48				
Omaha, Nebr.: Cellarmen, fermenters, and kettlemen.....	43.8	21.00	1 60c.	1 60c.	8 - 8 - 48				
First cellarmen, ferme- ters, and kettlemen.....	47.9	23.00	1 60c.	1 60c.	8 - 8 - 48				
Peoria, Ill.: Cellarmen and kettlemen..	38.5	18.50	1 50c.	1 50c.	8 - 8 - 48				
First cellarmen and kettl- men.....	41.7	20.00	1 50c.	1 50c.	8 - 8 - 48				
St. Louis, Mo.: Cellarmen, fermenters, and kettlemen.....	49.0	23.50	1½	1½	8 - 8 - 48	45.8	22.00	8 - 8 - 48	
First cellarmen and kettl- men.....	53.1	25.50	1½	1½	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
First fermenters.....	52.1	25.00	1½	1½	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
St. Paul, Minn.: Cellarmen and kettlemen.....	42.7	20.50	1 50c.	2 50c.	8 - 8 - 48	41.7	20.00	8 - 8 - 48	
SOUTH CENTRAL.									
Dallas, Tex.: Brewhouse men, cellarmen, and fermenters.....	47.9	23.00	1½	1½	8 - 8 - 48	45.8	22.00	8 - 8 - 48	
First cellarmen.....	62.5	30.00	1½	1½	8 - 8 - 48				
Houston, Tex.: Brewhouse men and cellarmen.....	52.1	25.00	1½	1½	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Louisville, Ky.: Cellarmen, fermenters, and kettlemen.	39.6	19.00	1½	1½	8 - 8 - 48	38.5	18.50	8 - 8 - 48	
New Orleans, La.: Cellar- men, fermenters, and ket- tlemen.....	41.7	20.00	1 60c.	1 60c.	8 - 8 - 48				

¹ Actual rate, in cents, per hour.

² For Sundays, actual rate, in cents, per hour: New Year's Day, July 4, Labor Day, Thanksgiving, and Christmas off, with pay; if work is performed on these days, 50 cents per hour additional is paid; for other holidays, 50 cents per hour.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BREWERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
WESTERN.									
Denver, Colo.: Brewers and washhouse men.....	<i>Cents.</i> 45.8	<i>Dolls.</i> 22.00	1½	1½	8 - 8 -48				
Los Angeles, Cal.....	53.1	25.50	2 75c.	2 75c.	8 - 8 -48				
Portland, Oreg.....	53.1	25.50	2 75c.	2 75c.	8 - 8 -48	51.6	24.75	8 - 8 -48	
Salt Lake City, Utah.....	50.0	24.00	2 70c.	2 70c.	8 - 8 -48				
San Francisco, Cal.: Brewers and maltsters.....	53.1	25.50	2 75c.	2 75c.	8 - 8 -48				
Seattle, Wash.: Brewers and maltsters.....	50.0	24.00	1½	1½	8 - 8 -48				
Spokane, Wash.: Brewers and maltsters.....	53.1	25.50	2 75c.	2 75c.	8 - 8 -48				

CHAUFFEURS AND DRIVERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Chauffeurs, union A.....	38.0	20.50	2 50c.	2 50c.	9 - 9 -54				
Chauffeurs, union B.....	38.0	20.50	2 50c.	1	9 - 9 -54	34.3	18.50	9 - 9 -54	
Drivers—									
Bottle beer.....	34.3	18.50	2 50c.	1	9 - 9 -54	32.4	17.50	9 - 9 -54	
Depot.....	34.3	18.50	2 50c.	2 50c.	9 - 9 -54				
Route.....	36.1	19.50	2 50c.	2 50c.	9 - 9 -54				
Helpers, bottle beer.....	28.7	15.50	2 50c.	1	9 - 9 -54	25.9	14.50	9 - 9 -54	
Helpers, route.....	30.6	16.50	2 50c.	2 50c.	9 - 9 -54				
Bridgeport, Conn.:									
Chauffeurs, brewery.....	41.7	20.00	2 50c.	(2)	8 - 8 -48	35.4	17.00	8 - 8 -4	
Chauffeurs, bottle and keg beer.....	37.5	18.00	2 50c.	2	8 - 8 -48	(4)	(4)	(4)	
Chauffeurs, bottling house.....	33.3	18.00	1½	2	9 - 9 -54	(4)	(4)	(4)	
Drivers—									
Bottle beer, breweries.....	33.3	18.00	1½	2	9 - 9 -54	(4)	(4)	(4)	
Bottle beer, agencies and wholesale houses.....	37.5	18.00	2 50c.	(3)	8 - 8 -48	(4)	(4)	(4)	
Drivers, route, agencies and wholesale houses.....	41.7	20.00	2 50c.	(3)	8 - 8 -48	(4)	(4)	(4)	
Drivers, route, breweries.....	41.7	20.00	2 50c.	(3)	8 - 8 -48	37.5	18.00	8 - 8 -48	
Drivers, extra.....	35.4	17.00	2 50c.	(3)	8 - 8 -48				
Helpers, route.....	35.4	17.00	2 50c.	(3)	8 - 8 -48	(4)	(4)	(4)	
Buffalo, N. Y.:									
Chauffeurs.....	35.2	19.00	2 50c.	1	9 - 9 -54	33.3	18.00	9 - 9 -54	
Chauffeurs, bottle beer.....	32.4	17.50	1½	1½	9 - 9 -54	30.6	16.50	9 - 9 -54	
Helpers.....	32.1	17.50	2 50c.	(6)	9 - 9 -54	30.6	16.50	9 - 9 -54	
Drivers—									
Bottle beer.....	32.4	17.50	1½	1½	9 - 9 -54	30.6	16.50	9 - 9 -54	
Route.....	35.2	19.00	2 50c.	1	9 - 9 -54	33.3	18.00	9 - 9 -54	
Extra.....	32.4	17.50	2 50c.	1	9 - 9 -54	30.6	16.50	9 - 9 -54	
Helpers.....	29.6	16.00	2 50c.	(6)	9 - 9 -54	27.8	15.00	9 - 9 -54	

1 "Near beer."

2 Actual rate, in cents, per hour.

3 Work on Sundays, New Year's Day, and Christmas prohibited; work 4 hours on Memorial Day and Thanksgiving and 3 hours on May 1 and Labor Day, paid for full day.

4 No scale on May 1, 1915.

5 46 hours per week, December to March, inclusive.

6 And various commissions.

7 45 hours per week, December to March, inclusive.

8 Do not work on Sundays and holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Saturday half holidays.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Fall River, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chauffeurs.....	32.4	17.50	1 50c.	1 50c.	2 9 - 9 -54		31.5	17.00	9 - 9 -54
Helpers.....	28.7	15.50	1 50c.	1 50c.	2 9 - 9 -54		27.8	15.00	9 - 9 -54
Manchester, N. H.:									
Drivers—									
1 horse.....	31.5	17.00	1 50c.	1 50c.	9 - 9 -54				
2 horses.....	32.4	17.50	1 50c.	1 50c.	9 - 9 -51				
Newark, N. J.:									
Chauffeurs, union A.....	38.9	21.00	1 1/2	3 60c.	4 9 - 9 -54		35.2	19.00	4 9 - 9 -54
Chauffeurs, union B.....	38.9	21.00	1 1/2	(?)	4 9 - 9 -54		35.2	19.00	4 9 - 9 -54
Helpers, union A.....	37.0	20.00	1 1/2	3 60c.	4 9 - 9 -54		33.3	18.00	4 9 - 9 -54
Helpers, union B.....	31.5	17.00	1 1/2	(?)	4 9 - 9 -54		27.8	15.00	4 9 - 9 -54
Drivers—									
Route, union A.....	38.9	21.00	1 1/2	3 60c.	4 9 - 9 -54		35.2	19.00	4 9 - 9 -54
Route, union B.....	35.2	19.00	1 1/2	(?)	4 9 - 9 -54		31.5	17.00	4 9 - 9 -54
Extra, union A.....	35.2	19.00	1 1/2	3 60c.	4 9 - 9 -54		31.5	17.00	4 9 - 9 -54
3 horses.....	38.9	21.00	1 1/2	3 60c.	4 9 - 9 -54		35.2	19.00	4 9 - 9 -54
New Haven, Conn.:									
Chauffeurs.....	43.8	21.00	1 50c.	(6)	8 - 8 -48		39.6	19.00	8 - 8 -48
Drivers—									
Bottle beer.....	35.2	19.00	1 35c.	1	7 9 - 9 -54		31.5	17.00	7 9 - 9 -54
Keg beer.....	43.8	21.00	1 50c.	1	8 - 8 -48		39.6	19.00	8 - 8 -48
Extra.....	41.7	20.00	1 50c.	1	8 - 8 -48		37.5	18.00	8 - 8 -48
Helpers, bottle beer.....	27.8	15.00	1 35c.	1	7 9 - 9 -54		24.1	13.00	7 9 - 9 -54
Helpers, keg beer.....	39.6	19.00	1 50c.	1	8 - 8 -48		35.4	17.00	8 - 8 -48
New York, N. Y.:									
Chauffeurs, unions A, B, and C.....	35.0	21.00	1 50c.	8 60c.	10 -10 -60				
Chauffeurs, unions D and E.....	33.3	20.00	1 1/2	8 50c.	10 -10 -60				
Helpers and extra drivers, unions A and B.....	30.0	18.00	1 50c.	8 60c.	10 -10 -60				
Helpers and extra drivers, unions D and E.....	25.0	15.00	1 1/2	8 50c.	10 -10 -60				
Drivers—									
Bottle beer.....	28.3	17.00	1 1/2	8 50c.	10 -10 -60				
Keg beer.....	33.3	20.00	1 50c.	8 60c.	10 -10 -60				
Extra, keg beer.....	30.0	18.00	1 50c.	8 60c.	10 -10 -60				
Helpers.....	26.7	16.00	1 50c.	(10)	10 -10 -60				
Philadelphia, Pa.:									
Chauffeurs.....	33.3	20.00	1 50c.	(11)	12 10 -10 -60		31.7	19.00	12 10 -10 -60
Drivers—									
Bottle beer.....	27.8	15.00	1 1/2	1 1/2	9 - 9 -51				
Keg beer.....	33.3	20.00	1 50c.	(11)	12 10 -10 -60		31.7	19.00	12 10 -10 -60
Extra.....	31.7	19.00	1 50c.	(11)	12 10 -10 -60		30.0	18.00	12 10 -10 -60
Helpers.....	28.3	17.00	1 50c.	(11)	12 16 -10 -60		26.7	16.00	12 10 -10 -60

1 Actual rate, in cents, per hour.
 2 48 hours per week, November to April, inclusive.
 3 Actual rate, in cents, per hour for Sundays; for holidays, regular rate.
 4 45 hours per week, October to March, inclusive.
 5 For Sundays, double time; for holidays, regular rate.
 6 For Sundays, work prohibited; work one-half day on holidays, paid for full day.
 7 8 hours per day, 48 per week, October to April, inclusive.
 8 Actual rate, in cents, per hour for Sundays; for holidays, double time, except from May 15 to September 15, regular rate.
 9 And various commissions.
 10 For Sundays, regular rate; for holidays, double time, except from May 15 to Sept. 15, regular rate.
 11 For Sundays, work prohibited; for holidays, regular rate.
 12 9 hours per day, 54 per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					Hours— Full day; Saturdays; Full week.	Num- ber of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—				Rate of wages—					
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.	Per hour.			Per week full time.		
NORTH ATLANTIC—continued.										
Pittsburgh, Pa.:										
Chauffeurs.....	39.8	21.50	1	2	9-9-54					
Chauffeurs, wholesale trade	30.0	18.00	1	2	10-10-60					
Helpers.....	36.1	19.50	1	2	9-9-54					
Helpers, wholesale trade.	26.7	16.00	1	2	10-10-60					
Drivers—										
Bottle beer.....	38.0	20.50	1	2	9-9-54					
Keg beer.....	39.8	21.50	1	2	9-9-54					
Wholesale trade.....	26.7	16.00	1	2	10-10-60					
Shipping.....	35.2	19.00	1	2	9-9-54					
Helpers.....	30.6	16.50	1	2	9-9-54					
Providence, R. I.:										
Chauffeurs—										
Bottle beer.....	36.5	17.50	1 50c.	1 60c.	8-8-48					
Depot.....	37.0	20.00	1 50c.	1 60c.	29-9-54					
Route.....	38.9	21.00	1 50c.	1 60c.	29-9-54					
Helpers, bottle beer.....	32.3	15.50	1 50c.	1 60c.	8-8-48					
Drivers—										
Bottle beer.....	36.5	17.50	1 50c.	1 60c.	8-8-48					
Depot.....	37.0	20.00	1 50c.	1 60c.	29-9-54					
Route.....	38.9	21.00	1 50c.	1 60c.	29-9-54					
Helpers, bottle beer.....	32.3	15.50	1 50c.	1 60c.	8-8-48					
Helpers.....	31.5	17.00	1 50c.	1 60c.	29-9-54					
Rochester, N. Y.:										
Chauffeurs—										
Bottle beer.....	38.1	20.50	1 50c.	3 50c.	49-9-54	37.0	20.00	9-9-54		
Bottle beer (peddlers)....	34.3	18.50	1 50c.	3 50c.	49-9-54	32.4	17.50	9-9-54		
Route (peddlers).....	38.9	21.00	1 50c.	3 50c.	49-9-54					
Freight.....	32.4	17.50	1 50c.	3 50c.	49-9-54	30.6	16.50	9-9-54		
Helpers.....	33.3	18.00	1 50c.	3 50c.	49-9-54					
Drivers—										
Bottle beer.....	34.3	18.50	1 50c.	3 50c.	49-9-54	32.4	17.50	9-9-54		
Route (peddlers).....	38.9	21.00	1 50c.	3 50c.	49-9-54					
Route (peddlers).....	38.0	20.50	1 50c.	3 50c.	49-9-54	36.1	19.50	9-9-54		
Freight.....	34.3	18.50	1 50c.	3 50c.	49-9-54	33.3	18.00	9-9-54		
Freight.....	32.4	17.50	1 50c.	3 50c.	49-9-54	30.6	16.50	9-9-54		
Special.....	33.3	18.00	1 50c.	3 50c.	49-9-54					
Special.....	32.4	17.50	1 50c.	3 50c.	49-9-54	30.6	16.50	9-9-54		
3 horses.....	36.1	19.50	1 50c.	3 50c.	49-9-54	34.3	18.50	9-9-54		
Helpers.....	32.4	17.50	1 50c.	3 50c.	49-9-54	30.6	16.50	9-9-54		
Helpers, route.....	33.3	18.00	1 50c.	3 50c.	49-9-54					
Scranton, Pa.:										
Chauffeurs.....	35.2	19.00	1 1/2	5 2	9-9-54					
Chauffeurs, bottle beer.....	22.2	12.00	1 1/2	5 2	9-9-54					
Drivers:										
Bottle beer, suburban route.....	32.4	17.50	1 1/2	5 2	9-9-54					
Bottle beer, city route.....	22.2	12.00	1 1/2	5 2	9-9-54					
Route, keg beer.....	35.2	19.00	1 1/2	5 2	9-9-54					
Extra.....	32.4	17.50	1 1/2	5 2	9-9-54					
3 or more horses.....	37.0	20.00	1 1/2	5 2	9-9-54					
Helpers, bottle and keg beer.....	27.8	15.00	1 1/2	5 2	9-9-54					

¹ Actual rate, in cents, per hour.

² 8 hours per day, 48 per week, November to April, inclusive.

³ Actual rate, in cents, per hour, for Sundays, holidays off, with pay, and 50 cents per hour additional, if work is required.

⁴ 48 hours per week, October to March, inclusive.

⁵ For Sundays; holidays off, with pay.

⁶ And various commissions.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Worcester, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chauffeurs.....	40.7	22.00	1 50c.	1 50c.	2 9 - 9 -54		38.9	21.00	2 9 - 9 -54
Chauffeurs, wholesale trade	32.8	21.00	1 50c.	1 50c.	10 -14 -64		29.7	19.00	10 -14 -64
Drivers—									
Bottle beer.....	38.9	21.00	1 50c.	2	2 9 - 9 -54		35.2	19.00	2 9 - 9 -54
Bottle beer and ale, wholesale trade.....	32.8	21.00	1 50c.	2	10 -14 -64		29.7	19.00	10 -14 -64
Brewery.....	40.7	22.00	1 50c.	2	2 9 - 9 -54		37.0	20.00	2 9 - 9 -54
On teams handling larger than ½ barrels.....	35.0	21.00	1 50c.	2	10 -10 -60		31.7	19.00	10 -10 -60
Helpers, bottle beer.....	36.1	19.50	1 50c.	2	2 9 - 9 -54		31.5	17.00	2 9 - 9 -54
Helpers, bottle beer and ale, wholesale trade.....	25.0	16.00	1 50c.	2	10 -14 -64		23.4	15.00	10 -14 -64
Helpers, brewery.....	38.0	20.50	1 50c.	1 50c.	2 9 - 9 -54		34.3	18.50	2 9 - 9 -54
Helpers, on teams hand- ling larger than ½ barrels	30.0	18.00	1 50c.	2	10 -10 -60		28.3	17.00	10 -10 -60
SOUTH ATLANTIC.									
Baltimore, Md.:									
Chauffeurs.....	31.7	19.00	1 40c.	(3)	10 -10 -60		30.0	18.00	10 -10 -60
Drivers—									
Bottle beer.....	25.0	15.00	1 40c.	(3)	10 -10 -60		23.3	14.00	10 -10 -60
Route, keg beer.....	31.7	19.00	1 40c.	(3)	10 -10 -60		30.0	18.00	10 -10 -60
Shipping and extra.....	28.3	17.00	1 40c.	(3)	10 -10 -60		26.7	16.00	10 -10 -60
Jacksonville, Fla.: Drivers.....	33.3	18.00	1 ½	1 ½	9 - 9 -54				
Richmond, Va.:									
Drivers—									
Route.....	30.0	18.00	1 ½	1 50c.	10 -10 -60				
Special orders.....	25.0	15.00	1 ½	1 50c.	10 -10 -60				
Washington, D. C.:									
Chauffeurs—									
Bottle beer.....	21.7	13.00	(6)	(6)	7 10 -10 -60				
Route, keg beer.....	23.3	14.00	(6)	(6)	7 10 -10 -60		21.7	13.00	7 10 -10 -60
Drivers—									
Bottle beer.....	21.7	13.00	(6)	(6)	7 10 -10 -60				
Route, keg beer.....	23.3	14.00	(6)	(6)	7 10 -10 -60		21.7	13.00	7 10 -10 -60
NORTH CENTRAL.									
Chicago, Ill.:									
Chauffeurs—									
Bottle beer.....	34.6	20.77	1 ½	9 1 ½	10 -10 -60				
Keg beer.....	34.6	20.77	1 ½	1 ½	10 -10 -60				
Keg beer (peddlers).....	32.7	19.62	1 ½	1 ½	10 -10 -60				

1 Actual rate, in cents, per hour.
 2 8 hours per day, 48 per week, December to March, inclusive.
 3 For Sundays, \$5 per day; for holidays, double time.
 4 And 1 cent for each empty box and 3 cents for each box that contains 24 empty bottles returned.
 5 And 2½ cents per dozen for empty bottles and 1 cent for every case returned.
 6 Overtime work prohibited.
 7 Allowed 4 days off each year, with pay.
 8 And commissions guaranteed to a amount of \$13 in addition.
 9 For Sundays: do not work on holidays.
 10 And 4 cents per barrel for returned empties.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Concluded.									
Drivers—	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi-plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Bottle beer	30.0	18.00	² 40c.	³ 40c.	10 -10 -60				
Bottle beer	30.0	18.00	1½	4 1½	10 -10 -60				
Keg beer (peddlers), union A.	32.7	19.62	² 40c.	³ 40c.	10 -10 -60				
Keg beer, union B.	32.7	19.62	1½	1½	10 -10 -60				
Extra, bottle beer, union C.	28.9	17.31	1½	4 1½	10 -10 -60				
Extra, keg beer, union A.	28.9	17.31	1½	1½	10 -10 -60				
Extra, keg beer, union B.	28.9	17.31	² 30c.	³ 40c.	10 -10 -60				
3 or 4 horses, union A.	30.8	18.46	² 40c.	³ 40c.	10 -10 -60				
3 or 4 horses, union B.	30.8	18.46	1½	1½	10 -10 -60				
Helpers, bottle beer, union A.	28.3	17.00	² 30c.	³ 40c.	10 -10 -60				
Helpers, bottle beer, union C.	20.0	12.00	1½	4 1½	10 -10 -60				
Helpers, keg beer, union B.	28.9	17.31	1½	1½	10 -10 -60				
Cincinnati, Ohio:									
Chauffeurs.....	37.0	20.00	1½	1½	6 9 - 9 -54		35.2	19.00	6 9 - 9 -54
Drivers—									
Bottle beer	40.6	19.50	1½	7 1½	8 - 8 -48		38.5	18.50	8 - 8 -48
Route, keg beer	37.0	20.00	1½	1½	6 9 - 9 -54		35.2	19.00	6 9 - 9 -54
Extra	31.5	17.00	1½	1½	6 9 - 9 -54		29.6	16.00	6 9 - 9 -54
Shipping and malt, 2 horses	34.3	18.50	1½	1½	6 9 - 9 -54		32.4	17.50	6 9 - 9 -54
Shipping and malt, 3 or 4 horses	37.0	20.00	1½	1½	6 9 - 9 -54		35.2	19.00	6 9 - 9 -54
Helpers, bottle beer	34.4	16.50	1½	7 1½	8 - 8 -48		31.3	15.00	8 - 8 -48
Helpers, keg beer	32.4	17.50	1½	1½	6 9 - 9 -54		30.6	16.50	6 9 - 9 -54
Cleveland, Ohio:									
Chauffeurs—									
Bottle beer	35.4	17.00	1½	(⁹)	8 - 8 -48				
Keg beer	37.0	20.00	1½	(⁹)	10 9 - 9 -54				
Drivers—									
Bottle beer	28.1	16.00	1½	(⁹)	9½ - 9½ -57				
Keg beer	37.0	20.00	1½	(⁹)	10 9 - 9 -54				
Extra, bottle beer	35.4	17.00	1½	(⁹)	8 - 8 -48				
Extra, keg beer	31.5	17.00	1½	(⁹)	10 9 - 9 -54				
Columbus, Ohio:									
Chauffeurs.....	31.7	19.00	1½	7 1½	10 -10 -60				
Drivers—									
Bottle and keg beer	31.7	19.00	1½	7 1½	10 -10 -60				
Shipping	30.0	18.00	1½	7 1½	10 -10 -60				
1-horse wagon	26.7	16.00	1½	7 1½	10 -10 -60				
Helpers.....	21.7	13.00	1½	7 1½	10 -10 -60				

¹ And various commissions on return of empty bottles and cases.

² Actual rate, in cents, per hour.

³ Actual rate, in cents, per hour for holidays; for Sundays, \$3 per day.

⁴ For Sundays; do not work on holidays.

⁵ And 4 cents per barrel for returned empties.

⁶ 8 hours per day, 43 per week, October to March, inclusive.

⁷ For holidays; do not work on Sundays.

⁸ And various commissions.

⁹ For Sundays, work prohibited; holidays off, with pay.

¹⁰ 8 hours per day, 48 per week November to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Detroit, Mich.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chauffeurs.....	37.0	20.00	1½	(1)	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Drivers—									
Bottle beer.....	38.0	20.50	1½	(1)	9 - 9 - 54		35.2	19.00	9 - 9 - 54
Keg beer.....	41.7	22.50	1½	(1)	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Shipping.....	36.1	19.50	1½	(1)	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Extra.....	33.3	18.00	1½	(1)	9 - 9 - 54		31.5	17.00	9 - 9 - 54
Malthouse.....	33.3	20.00	1½	(2)	10 - 10 - 60		30.0	18.00	10 - 10 - 60
Helpers, bottle beer.....	28.7	15.50	1½	(1)	9 - 9 - 54		25.9	14.00	9 - 9 - 54
Grand Rapids, Mich.:									
Chauffeurs—									
Bottle beer.....	30.8	18.50	1½	1½	3 10 - 10 - 60				
Keg beer.....	29.2	17.50	1½	1½	3 10 - 10 - 60				
Drivers—									
Bottle beer.....	30.8	18.50	1½	1½	3 10 - 10 - 60				
Keg beer.....	29.2	17.50	1½	1½	3 10 - 10 - 60				
General.....	27.5	16.50	1½	1½	3 10 - 10 - 60				
Indianapolis, Ind.:									
Drivers—									
Bottle beer.....	33.3	18.00	1½	1½	9 - 9 - 54				
Keg beer.....	37.0	20.00	1½	(5)	9 - 9 - 54				
Telephone.....	28.7	15.50	1½	(5)	9 - 9 - 54		26.9	14.50	9 - 9 - 54
Shipping, 2 horses.....	33.3	18.00	1½	(5)	9 - 9 - 54		31.5	17.00	9 - 9 - 54
Shipping, 3 or 4 horses.....	34.3	18.50	1½	(5)	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Helpers.....	26.9	14.50	1½	(5)	9 - 9 - 54		25.0	13.50	9 - 9 - 54
Kansas City, Mo.:									
Chauffeurs—									
Trucks less than 2 tons.....	38.9	21.00	6 50c.	7 50c.	9 - 9 - 54				
Shipping or trucks, 2 tons and over.....	40.7	22.00	6 50c.	7 50c.	9 - 9 - 54				
Helpers, route.....	31.5	17.00	6 50c.	7 50c.	9 - 9 - 54				
Helpers, shipping.....	35.2	19.00	6 50c.	7 50c.	9 - 9 - 54				
Drivers—									
Bottle beer.....	21.7	13.00	6 50c.	7 50c.	10 - 10 - 60				
2 or 3 horses, route or route and shipping.....	37.0	20.00	6 50c.	7 50c.	9 - 9 - 54				
2 horses.....	33.3	18.00	6 50c.	7 50c.	9 - 9 - 54				
3 horses, route.....	38.9	21.00	6 50c.	7 50c.	9 - 9 - 54				
Helpers, bottle beer.....	30.7	16.60	6 50c.	7 50c.	9 - 9 - 54				
Milwaukee, Wis.:									
Chauffeurs.....	37.0	20.00	1½	1½	9 - 9 - 54				
Drivers—									
Bottle beer.....	37.0	20.00	1½	1½	9 - 9 - 54				
Keg beer.....	37.0	20.00	1½	1½	9 - 9 - 54				
Shipping and extra.....	34.3	18.50	1½	1½	9 - 9 - 54				
3 horses.....	37.0	20.00	1½	1½	9 - 9 - 54				
Helpers, bottle beer.....	24.1	13.00	1½	1½	9 - 9 - 54				

1 For Sundays, work prohibited; holidays off, with pay.
 2 Overtime work prohibited.
 3 9 hours per day, 54 hours per week, October to March, inclusive.
 4 And commission of 4 cents on large empties and 2 cents on medium-sized empties returned.
 5 For Sundays, for 4 hours or less, 50 cents per hour; for more than 4 hours, \$5; for holidays, for full day's work, time and one-half; for single delivery, one day's pay.
 6 Actual rate, in cents, per hour.
 7 Actual rate, in cents, per hour, for Sundays; for holidays, work one-half day, paid for full day.
 8 And various commissions on returned empties.
 9 And 3 cents per case for empties returned.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Minneapolis, Minn.:									
Chauffeurs.....	Cents. 31.7	Dolls. 19.00	1 50c.	2 50c.	10 -10 -60		Cents. .	Dolls. .	
Drivers—									
Bottle beer.....	33.3	20.00	1 50c.	2 50c.	10 -10 -60				
Keg beer.....	31.7	19.00	1 50c.	2 50c.	10 -10 -60				
Special orders.....	26.7	16.00	1 50c.	2 50c.	10 -10 -60				
3 horses.....	28.3	17.00	1 50c.	2 50c.	10 -10 -60				
Helpers.....	26.7	16.00	1 50c.	2 50c.	10 -10 -60				
Omaha, Nebr.:									
Chauffeurs.....	40.7	22.00	1 50c.	1 50c.	9 - 9 -54				
Helpers.....	37.0	20.00	1 50c.	1 50c.	9 - 9 -54				
Drivers—									
Bottle beer or shipping and extra drivers.....	37.0	20.00	1 50c.	1 50c.	9 - 9 -54				
Route, keg and bottle.....	40.7	22.00	1 50c.	1 50c.	9 - 9 -54				
Peoria, Ill.:									
Drivers—									
Bottle beer.....	30.0	18.00	1 50c.	1 50c.	3 10 -10 -60				
Route.....	31.7	19.00	1 50c.	1 50c.	3 10 -10 -60				
Shipping.....	28.3	17.00	1 50c.	1 50c.	3 10 -10 -60				
St. Louis, Mo.:									
Chauffeurs—									
Bottle beer.....	35.0	21.00	1 ½	1 ½	10 -10 -60		33.3	20.00	10 -10 -60
Keg beer.....	35.0	21.00	1 ½	1 ½	10 -10 -60		33.3	20.00	10 -10 -60
Shipping.....	33.3	20.00	1 ½	1 ½	10 -10 -60		31.7	19.00	10 -10 -60
Delivering beer to city points.....	31.7	19.00	1 ½	1 ½	10 -10 -60		30.0	18.00	10 -10 -60
Drivers—									
Bottle beer.....	31.7	19.00	1 ½	1 ½	10 -10 -60		30.0	18.00	10 -10 -60
Keg beer.....	35.0	21.00	1 ½	1 ½	10 -10 -60		33.3	20.00	10 -10 -60
Extra.....	28.3	17.00	1 ½	1 ½	10 -10 -60		26.3	15.75	10 -10 -60
2 horses.....	31.7	19.00	1 ½	1 ½	10 -10 -60		30.0	18.00	10 -10 -60
3 horses.....	33.3	20.00	1 ½	1 ½	10 -10 -60		31.7	19.00	10 -10 -60
4 horses.....	35.0	21.00	1 ½	1 ½	10 -10 -60		33.3	20.00	10 -10 -60
6 horses.....	38.3	23.00	1 ½	1 ½	10 -10 -60		36.7	22.00	10 -10 -60
Helpers, bottle beer.....	22.5	13.50	1 ½	1 ½	10 -10 -60		(4)	(4)	(4)
St. Paul, Minn.:									
Chauffeurs.....	32.3	19.38	1 50c.	2 50c.	10 -10 -60		32.1	19.27	10 -10 -60
Drivers—									
Bottle or keg beer.....	32.3	19.38	1 50c.	2 50c.	10 -10 -60		32.1	19.27	10 -10 -60
Shipping, 2 horses, or extra, keg beer.....	26.5	15.92	1 50c.	2 50c.	10 -10 -60		26.3	15.81	10 -10 -60
Shipping, 3 or 4 horses.....	28.5	17.08	1 50c.	2 50c.	10 -10 -60		28.3	16.96	10 -10 -60
Yard.....	23.1	13.85	1 50c.	2 50c.	10 -10 -60		22.5	13.50	10 -10 -60
SOUTH CENTRAL.									
Dallas, Tex.:									
Drivers—									
Bottle or keg beer.....	33.3	20.00	1 ½	(7)	10 -10 -60				
Telephone.....	30.0	18.00	1 ½	(7)	10 -10 -60				
Helpers.....	25.0	15.00	1 ½	(7)	10 -10 -60		23.3	14.00	10 -10 -60

¹ Actual rate, in cents, per hour.

² Actual rate, in cents per hour, for Sundays; holidays off, with pay.

³ 9 hours per day, 54 hours per week, October to March, inclusive.

⁴ Not organized, May 1, 1915.

⁵ Actual rate, in cents per hour, for Sundays; New Year's Day, July 4, Labor Day, Thanksgiving, and Christmas off, with pay; if work is performed on these days 50 cents per hour additional is paid; work one-half day on Washington's Birthday and Thanksgiving, paid for full day.

⁶ And various commissions.

⁷ For Sundays, time and one-half; for holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Houston, Tex.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chauffeurs.....	44.8	21.50	1½	1½	8 - 8 - 48				9 - 9 - 54
Drivers—									
Bottle beer.....	42.0	23.08	1½	(²)	9 - 10 - 55	37.8	20.77		9 - 10 - 55
Keg beer.....	42.0	23.08	1½	(²)	9 - 10 - 55				
Shipping.....	40.6	19.50	1½	(²)	8 - 8 - 48	33.3	18.00		9 - 9 - 54
Helpers.....	27.3	15.00	1½	(²)	9 - 10 - 55	(³)	(³)		(³)
Louisville, Ky.:									
Chauffeurs—									
Bottle beer.....	27.8	15.00	1½	1½	9 - 9 - 54	26.9	14.50		9 - 9 - 54
Keg beer.....	38.0	20.50	1½	1½	9 - 9 - 54	37.0	20.00		9 - 9 - 54
Drivers—									
Bottle beer.....	27.8	15.00	1½	1½	9 - 9 - 54	26.9	14.50		9 - 9 - 54
Keg beer.....	38.0	20.50	1½	1½	9 - 9 - 54	37.0	20.00		9 - 9 - 54
Telephone.....	26.9	14.50	1½	1½	9 - 9 - 54	25.9	14.00		9 - 9 - 54
New Orleans, La.:									
Chauffeurs—									
Route, keg beer.....	40.7	22.00	2	(⁷)	9 - 9 - 54				
Extra, shipping and tele- phone.....	24.2	14.50	2	(⁶)	10 - 10 - 60				
Drivers—									
Bottle beer.....	38.9	21.00	1½	1½	9 - 9 - 54				
Route, keg beer.....	40.7	22.00	2	(⁸)	9 - 9 - 54				
Extra, telephone and shipping.....	24.2	14.50	2	(⁶)	10 - 10 - 60				
WESTERN.									
Denver, Colo.:									
Drivers—									
Route, bottle and keg beer.....	38.7	20.90	⁹ 50c.	⁹ 50c.	9 - 9 - 54				
Extra.....	34.6	18.70	⁹ 50c.	⁹ 50c.	9 - 9 - 54				
Los Angeles, Cal.:									
Drivers—									
Keg beer.....	44.4	24.00	⁹ 75c.	¹⁰ 75c.	9 - 9 - 54				
Bottle beer.....	42.6	23.00	⁹ 75c.	¹⁰ 75c.	9 - 9 - 54				
Helpers.....	35.2	19.00	⁹ 75c.	¹⁰ 75c.	9 - 9 - 54				
Portland, Oreg.:									
Drivers—									
Route, bottle or keg beer.....	48.1	26.00	⁹ 60c.	⁹ 60c.	9 - 9 - 54	46.3	25.00		9 - 9 - 54
Extra.....	42.6	23.00	⁹ 60c.	⁹ 60c.	9 - 9 - 54	40.7	22.00		9 - 9 - 54
Salt Lake City, Utah:									
Drivers—									
Bottle or keg beer.....	40.7	22.00	⁹ 50c.	⁹ 50c.	9 - 9 - 54				
Helpers.....	34.3	18.50	⁹ 50c.	⁹ 50c.	9 - 9 - 54				

1 And various commissions on sales.
 2 For Sundays and Labor Day, time and one-half; for holidays, regular rate.
 3 No scale on May 1, 1915.
 4 8 hours per day, 48 hours per week, October to March, inclusive.
 5 40 cents per hour more than regular rate.
 6 25 cents per hour more than regular rate.
 7 And 5 cents per case for returned empties.
 8 Near beer.
 9 Actual rate, in cents, per hour.
 10 Actual rate, in cents, per hour, for Sundays; for holidays, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
WESTERN—concluded.									
San Francisco, Cal.:									
Chauffeurs—									
Bottle beer	38.3	23.00	2 65c.	2 65c.	10 -10 -60		Cents.	Dolls.	
Kez beer	41.7	25.00	2 65c.	2 65c.	10 -10 -60				
Drivers—									
Route, bottle beer	38.3	23.00	2 65c.	2 65c.	10 -10 -60				
Route, keg beer	46.7	28.00	2 65c.	2 65c.	10 -10 -60				
Shipping, 3 or 4 horses	43.3	26.00	2 65c.	2 65c.	10 -10 -60				
Extra and watch wagon, or shipping, 2 horses	40.0	24.00	2 65c.	2 65c.	10 -10 -60				
Helpers	40.0	24.00	2 65c.	2 65c.	10 -10 -60				
Seattle, Wash.: ³									
Drivers, bottle and keg beer	42.6	23.00	1 1/2	1 1/2	9 - 9 -54				
Helpers	38.9	21.00	1 1/2	1 1/2	9 - 9 -54				
Spokane, Wash.: Drivers	42.6	23.00	2 60c.		9 - 9 -54				

COOPERS.

NORTH ATLANTIC.									
Boston, Mass.	50.0	24.00	1 1/2	2	4 8 - 8 -48				
Bridgport, Conn.	41.7	20.00	2 50c.	2	8 - 8 -48	37.5	18.00	8 - 8 -48	
Buffalo, N. Y.	40.6	19.50	2 50c.	2 50c.	8 - 8 -48	38.5	18.50	8 - 8 -48	
New Haven, Conn.	46.9	22.50	2 50c.	(⁶)	8 - 8 -48	42.7	20.50	8 - 8 -48	
New York, N. Y.	41.7	20.00	2 50c.	7 60c.	8 - 8 -48				
Pittsburgh, Pa.	39.6	19.00	1 1/2	1 1/2	8 - 8 -48				
Providence, R. I.:									
First cooper	56.3	27.00	1 1/2	1 1/2	8 - 8 -48	47.9	23.00	8 - 8 -48	
Slack barrel	41.7	20.00	1 1/2	1 1/2	8 - 8 -48	35.4	17.00	8 - 8 -48	
Tight barrel	52.1	25.00	1 1/2	1 1/2	8 - 8 -48	45.8	22.00	8 - 8 -48	
Rochester, N. Y.	42.7	20.50	1 1/2	(⁸)	8 - 8 -48	40.6	19.50	8 - 8 -48	
Scranton, Pa.	38.5	18.50	1 1/2	⁹ 2	8 - 8 -48				
First cooper	42.7	20.50	1 1/2	⁹ 2	8 - 8 -48				
Worcester, Mass.	55.2	26.50	1 1/2	2	8 - 8 -48	50.0	24.00	8 - 8 -48	
First cooper	61.5	29.50	1 1/2	2	8 - 8 -48	56.3	27.00	8 - 8 -48	
SOUTH ATLANTIC.									
Richmond, Va.	40.0	20.00	1 1/2	2 50c.	9 - 5 -50	12			
Washington, D. C.	41.7	20.00	1 1/2	1 1/2	10 8 - 8 -48				
NORTH CENTRAL.									
Cincinnati, Ohio	40.6	19.50	1 1/2	2	8 - 8 -48	39.6	19.00	8 - 8 -48	
Cleveland, Ohio	41.7	20.00	1 1/2	2	8 - 8 -48				
Columbus, Ohio	41.7	20.00	1 1/2	1 1/2	8 - 8 -48				
Detroit, Mich.	41.7	20.00	1 1/2	1 1/2	8 - 8 -48				
Grand Rapids, Mich.	37.5	18.00	1 1/2	1 1/2	8 - 8 -48				
Indianapolis, Ind.	42.2	20.25	1 1/2	1 1/2	8 - 8 -48	39.6	19.00	8 - 8 -48	
Peoria, Ill.	39.6	19.00	2 50c.	2 50c.	8 - 8 -48				
WESTERN.									
Denver, Colo.	43.8	21.00	1 1/2	1 1/2	8 - 8 -48				

¹ And various commissions.
² Actual rate, in cents, per hour.
³ "Near beer."
⁴ 44 hours and \$22 per week, June to August, inclusive.
⁵ 40 hours and \$16.25 per week, December to March, inclusive.
⁶ Work on Sundays prohibited; work one-half day on holidays, paid for full day.
⁷ Actual rate, in cents, per hour for Sundays; for holidays double time, except from May 15, to Sept. 15, regular rate.
⁸ Do not work on Sundays; holidays off, with pay.
⁹ For Sundays; holidays off, with pay.
¹⁰ 40 hours per week, December to February, inclusive; 4 days off each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

ELEVATOR MEN.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Buffalo, N. Y.	32.7	17.00	1½	1½	8½- 8½-52				
Newark, N. J.	33.3	18.00	1 50c.	1 60c.	9- 9-54				
Rochester, N. Y.	41.7	20.00	1 50c.	3 50c.	2 8- 8-48		39.6	19.00	8- 8-48
NORTH CENTRAL.									
Chicago, Ill.	41.7	20.00	1 60c.	(4)	8- 8-48				
Kansas City, Mo.	39.6	19.00	1½	(5)	8- 8-48				
Milwaukee, Wis.:									
Brewery	38.5	18.50	1½	1½	8- 8-48				
Malt house	32.3	15.50	1 45c.	1 45c.	8- 8-48				
Minneapolis, Minn.	42.7	20.50	1 50c.	1	8- 8-48				
Omaha, Nebr.	29.2	14.00	1 40c.	1 40c.	8- 8-48				
SOUTH CENTRAL.									
Louisville, Ky.	35.7	20.00	1½	1	7 8- 8-56				

ENGINEERS.

NORTH ATLANTIC.									
City	Per hour	Per week	For overtime	For work on Sun- days and holidays	Hours— Full day; Saturdays; Full week	Number of mos. with Saturday half holiday	Per hour	Per week	Hours— Full day; Saturdays; Full week
Boston, Mass.	58.3	28.00	2	1	8- 8-48				
Chief engineers	72.9	35.00	2	1	8- 8-48				
Bridgeport, Conn.	39.3	22.00	1 50c.	1	8- 8-56		37.5	21.00	8- 8-56
Buffalo, N. Y.:									
Electrical	45.8	22.00	1	1	8- 8-48		39.3	22.00	8- 8-56
Steam, brewery	45.8	22.00	1	1	8- 8-48		39.3	22.00	8- 8-56
Steam, malt house	45.8	22.00	1	1	8- 8-48				
Fall River, Mass.:									
Chief engineers	47.3	26.50	1 50c.	1	8- 8-56		46.4	26.00	8- 8-56
Assistant engineers	34.8	19.50	1 50c.	1	8- 8-56		33.9	19.00	8- 8-56
Manchester, N. H.:									
Chief engineers	37.5	21.00	1 50c.	1	8- 8-56				
Newark, N. J.:									
Chief engineers	49.0	23.50	1½	1	8- 8-48		42.0	23.50	8- 8-56
Assistant engineers	46.9	22.50	1½	1	8- 8-48		42.7	20.50	8- 8-48
New Haven, Conn.:									
Chief engineers	42.0	23.50	1 50c.	1	10 8- 8-56		38.4	21.50	8- 8-56
New York, N. Y.:									
Chief engineers	65.6	31.50	1	1	8- 8-48				
Assistant engineers	46.9	22.50	1	1	8- 8-48				
Philadelphia, Pa.	41.1	23.00	1½	1	11 8- 8-56		39.3	22.00	8- 8-56
Pittsburgh, Pa.:									
Chief engineers	50.0	28.00	1½	1	8- 8-56				
Assistant engineers	40.2	22.50	1½	1	8- 8-56				

1 Actual rate, in cents, per hour.
 2 40 hours and \$16.67 per week, January to March, inclusive.
 3 Actual rate, in cents, per hour for Sundays; holidays off, with pay.
 4 Work 7 hours, paid for 8.
 5 For Sundays double time; for holidays, time and one-half.
 6 Scale became 36.5 cents on July 1, 1916.
 7 Allowed one day off every 2 weeks, with pay.
 8 For holidays; do not work on Sundays.
 9 Allowed 2 days off each year, with pay.
 10 Allowed 1 day off every 4 weeks, with pay.
 11 Allowed 1 week's vacation each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

ENGINEERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half- holiday	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Providence, R. I.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chief engineers	42.0	23.50	¹ / _{50c.}	1	8-8-56				
Assistant engineers	38.4	21.50	¹ / _{50c.}	1	8-8-56				
Rochester, N. Y.	46.9	22.50	¹ / ₂	³ / ₂	8-8-48				
Chief engineers	52.1	25.00	¹ / ₂	³ / ₂	8-8-48				
Scranton, Pa.:									
Chief engineers	44.6	25.00	¹ / ₂	1	8-8-56				
First engineers	39.3	22.00	¹ / ₂	1	8-8-56				
Second engineers	36.6	20.50	¹ / ₂	1	8-8-56				
Third engineers	33.0	18.50	¹ / ₂	1	8-8-56				
Worcester, Mass.:									
Chief engineers	93.8	45.00	2	1	8-8-48	68.0	32.66	8-8-48	
Assistant engineers	58.3	28.00	2	1	8-8-48	51.0	24.50	8-8-48	
SOUTH ATLANTIC.									
Baltimore, Md.:									
Chief engineers	42.9	24.00	¹ / _{50c.}	1	8-8-56				
Assistant engineers	37.5	21.00	¹ / _{50c.}	1	8-8-56				
Jacksonville, Fla.:									
Chief engineers	34.3	24.00	¹ / ₂	1	10-10-70				
Assistant engineers	30.0	21.00	¹ / ₂	¹ / ₂	10-10-70				
Richmond, Va.	30.0	25.20	¹ / ₂	1	12-12-84				
Washington, D. C.:									
Chief engineers	62.5	35.00	¹ / ₂	1	8-8-56				
Assistant engineers, bot- tling house	57.3	27.50	¹ / ₂	¹ / ₂	8-8-48	52.1	25.00	8-8-48	
Assistant engineers, brew- eries A and B	42.9	24.00	¹ / ₂	1	8-8-56	41.1	23.00	8-8-56	
Assistant engineers, brew- eries C and D	43.8	24.50	¹ / ₂	1	8-8-56	41.1	23.00	8-8-56	
Assistant engineers, brew- ery F	41.2	23.08	¹ / ₂	1	8-8-56				
NORTH CENTRAL.									
Chicago, Ill.	51.0	24.50	¹ / ₂	1	8-8-48				
Cincinnati, Ohio	38.4	21.50	1	1	8-8-56				
Cleveland, Ohio	41.1	23.00	¹ / ₂	1	8-8-56				
Columbus, Ohio	39.3	22.00	1	1	8-8-56				
Detroit, Mich.:									
Chief engineers, brewery	68.8	33.00	¹ / ₂	1	8-8-48	64.6	31.00	8-8-48	
Chief engineers, malt house	46.4	26.00	¹ / ₂	1	8-8-56				
Engineers, brewery, 20,000 barrels or over	52.1	25.00	¹ / ₂	1	8-8-48	47.9	23.00	8-8-48	
Engineers, brewery, less than 20,000 barrels	50.0	28.00	¹ / ₂	1	8-8-56	46.4	26.00	8-8-56	
Engineers, malt house	37.5	21.00	¹ / ₂	1	8-8-56				
Grand Rapids, Mich.	35.3	19.75	¹ / ₂	1	8-8-56				
Indianapolis, Ind.	39.3	22.00	¹ / ₂	1	8-8-56	36.6	20.50	8-8-56	

¹ Actual rate, in cents, per hour.

² Allowed 1 day off each month, with pay.

³ For holidays; do not work on Sundays.

⁴ Allowed 7 days off each year, with pay.

⁵ Allowed 1 week's vacation each year, with pay.

⁶ Allowed 10 days' vacation each year, with pay.

⁷ 48 hours per week, November to April, inclusive. Allowed 1 week's vacation each year, with pay.

⁸ Allowed 2 weeks' vacation each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

ENGINEERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Kansas City, Mo.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chief engineers	66.7	32.00	1½	1	8 - 8 - 48				
Assistant engineers	52.1	25.00	1½	1	8 - 8 - 48				
Milwaukee, Wis.:									
Chief engineer	145.8	22.00	1	1	8 - 8 - 48				
Engineers, brewery	44.8	21.50	1½	1	8 - 8 - 48				
Engineers, malt house	38.5	18.50	2	50c.	8 - 8 - 48				
Minneapolis, Minn.:	41.2	23.08	1½	1	8 - 8 - 56				
Omaha, Nebr.:	44.6	25.00	1	1	8 - 8 - 56				
Peoria, Ill.:	41.1	23.00	1	1	8 - 8 - 56				
Chief engineers	44.6	25.00	1	1	8 - 8 - 56				
St. Louis, Mo.:	58.3	28.00	1½	1	8 - 8 - 48	50.0	28.00	8 - 8 - 56	
St. Paul, Minn.:	41.2	23.08	1½	1	8 - 8 - 56				
SOUTH CENTRAL.									
Dallas, Tex.:	41.1	23.00	1½	(*)	8 - 8 - 56				
Houston, Tex.:	52.7	29.50	1½	1	8 - 8 - 56	50.0	28.00	8 - 8 - 56	
Louisville, Ky.:	38.4	21.50	1½	1	8 - 8 - 56	37.5	21.00	8 - 8 - 56	
WESTERN.									
Denver, Colo.: ⁶									
Chief engineers	79.3	38.08	1½	1½	8 - 8 - 48				
Assistant engineers	55.5	26.65	1½	1½	8 - 8 - 48				
Los Angeles, Cal.:									
Bottling house	53.1	25.50	1½	1½	8 - 8 - 48				
Brewery	56.3	27.00	1½	1½	8 - 8 - 48				
Portland, Oreg.: ⁶	53.1	25.50	2	75c.	8 - 8 - 48				
Salt Lake City, Utah:	35.7	20.00	2	70c.	8 - 8 - 56				
Engineers (fire and brew.) ..	50.0	28.00	1½	1	8 - 8 - 56				
San Francisco, Cal.:									
Chief engineers	72.1	34.62	1½	1	8 - 8 - 48				
Assistant engineers	57.7	27.69	1½	1	8 - 8 - 48				
Seattle, Wash.: ⁶	50.0	24.00	1½	(*)	8 - 8 - 48				

FIREMEN.

NORTH ATLANTIC.									
City	Per hour	Per week full time	For overtime	For work on Sundays and holidays	Hours—Full day; Saturdays; Full week	Number of mos. with Saturday half holiday	Per hour	Per week full time	Hours—Full day; Saturdays; Full week
Boston, Mass.:	45.8	22.00	(7)	1	8 - 8 - 48		41.7	20.02	8 - 8 - 48
Bridgport, Conn.:	32.1	18.00	2	50c.	8 - 8 - 56		28.6	16.00	8 - 8 - 56
Buffalo, N. Y.:									
Union A	37.5	18.00	1	1	8 - 8 - 48		32.1	18.00	8 - 8 - 56
Union B	37.5	18.00	1	1	8 - 8 - 48				
Fall River, Mass.:	32.1	18.00	2	50c.	8 - 8 - 56		31.3	17.50	8 - 8 - 56
Manchester, N. H.:	32.1	18.00	2	50c.	8 - 8 - 56				

1 Scale became 49 cents on July 1, 1916.
 2 Actual rate, in cents, per hour.
 3 Scale became 45.3 cents on June 1, 1916.
 4 For holidays, time and one-half; for Sundays, regular rate.
 5 Labor Day, time and one-half.
 6 "Near beer."
 7 Overtime work prohibited.
 8 Scale became 38.5 cents and 48 hours on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

FIREMEN—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full day; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Newark, N. J.	40.6	19.50	1½	1	8 - 8 - 48				8 - 8 - 56
New Haven, Conn.	36.6	20.50	2 50c.	1	8 - 8 - 56	33.0	18.50		8 - 8 - 56
New York, N. Y.	39.6	19.00	(*)	1	8 - 8 - 48				
Helpers.	38.5	18.50	(*)	1	8 - 8 - 48				
Philadelphia, Pa.	33.9	19.00	1½	1	8 - 8 - 56	32.1	18.00		8 - 8 - 56
Pittsburgh, Pa.	34.8	19.50	1½	1	8 - 8 - 56				
Helpers.	31.3	17.50	1½	1	8 - 8 - 56				
Providence, R. I.	34.8	19.50	2 50c.	1	8 - 8 - 56				
Rochester, N. Y.	40.6	19.50	1½	1 2	8 - 8 - 48				
Scranton, Pa.	32.1	18.00	1½	1	8 - 8 - 56				
Worcester, Mass.	45.8	22.00	2 50c.	1	8 - 8 - 48	41.7	20.02		8 - 8 - 48
SOUTH ATLANTIC.									
Baltimore, Md.	31.3	17.50	2 50c.	1	8 - 8 - 56				
Richmond, Va.	22.5	18.90	1½	1	12 - 12 - 84				
Washington, D. C.: Firemen, boiler cleaners, and water tenders.	32.1	18.00	1½	1	8 - 8 - 56	30.4	17.00		8 - 8 - 56
NORTH CENTRAL.									
Chicago, Ill.:									
Firemen, boiler washers, oilers, and water tenders.	40.0	22.40	1½	1	8 - 8 - 56				
Firemen's helpers.	34.0	19.04	1½	1	8 - 8 - 56				
Cincinnati, Ohio.	33.9	19.00	1	1	8 - 8 - 56				
Cleveland, Ohio.	33.0	18.50	1½	1	8 - 8 - 56				
Helpers.	29.5	16.50	1½	1	8 - 8 - 56				
Columbus, Ohio.	35.7	20.00	1	1	8 - 8 - 56				
Helpers.	33.9	19.00	1	1	8 - 8 - 56				
Detroit, Mich.	41.7	20.00	1½	1	8 - 8 - 48	33.9	19.00		8 - 8 - 56
Grand Rapids, Mich.	29.5	16.50	1½	1	8 - 8 - 56				
Indianapolis, Ind.	32.1	18.00	1½	1	8 - 8 - 56	30.4	17.00		8 - 8 - 56
Kansas City, Mo.	43.8	21.00	1½	1	8 - 8 - 48				
Milwaukee, Wis.:									
Brewery.	40.6	19.50	1½	1	8 - 8 - 48				
Malt house.	34.4	16.50	2 45c.	2 45c.	8 - 8 - 48				
Minneapolis, Minn.	35.0	19.62	1½	1	8 - 8 - 56				
Omaha, Nebr.:									
Brewery.	39.6	19.00	2 60c.	2 60c.	8 - 8 - 48				
Malt house.	32.1	18.00	1	1	8 - 8 - 56				
Helpers, brewery.	37.5	18.00	2 60c.	2 60c.	8 - 8 - 48				
Peoria, Ill.	33.9	19.00	1	1	8 - 8 - 56	32.5	18.20		8 - 8 - 56
St. Louis, Mo.	40.1	19.25	1	1	8 - 8 - 48	37.5	18.00		8 - 8 - 48
St. Paul, Minn.	35.0	19.62	1½	1	8 - 8 - 56				

¹ For holidays; do not work on Sundays.

² Actual rate, in cents, per hour.

³ Allowed 1 day off every 4 weeks, with pay.

⁴ Overtime work prohibited.

⁵ Allowed 1 week's vacation each year, with pay.

⁶ Allowed 1 day off each month, with pay.

⁷ Allowed 7 days off each year, with pay.

⁸ Allowed 10 days' vacation each year, with pay.

⁹ Allowed 2 weeks off each year, with pay.

¹⁰ Scale became 37.5 cents on July 1, 1916.

¹¹ Scale became 39.1 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.
FIREMEN—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Dallas, Tex.....	33.0	18.50	1½	(1)	8 - 8 -56				
Houston, Tex.....	38.4	21.50	1½	2 1	8 - 8 -56		35.7	20.00	8 - 8 -56
Louisville, Ky.....	32.1	18.00	1½	1	8 - 8 -56		31.3	17.50	8 - 8 -56
WESTERN.									
Denver, Colo. ³	37.9	21.20	450c.	1	8 - 8 -56				
Los Angeles, Cal.....	40.6	19.50	1½	1½	8 - 8 -56				
Portland, Oreg. ⁵	40.6	19.50	1½	1½	8 - 8 -48				
Salt Lake City, Utah.....	35.3	19.75	470c.	1	8 - 8 -56				
San Francisco, Cal.....	48.1	23.08	1½	1	8 - 8 -48				
Seattle, Wash. ⁹	43.8	21.00	1½	(1)	8 - 8 -48				

LABELERS, BOTTLE BEER.

NORTH ATLANTIC.									
Buffalo, N. Y.....	31.3	15.00	1½	5 1½	6 8 - 8 -48		25.9	14.00	9 - 9 -54
New Haven, Conn.....	29.6	16.00	435c.	(7)	8 9 - 9 -54		25.9	14.00	8 9 - 9 -54
New York, N. Y.: Labelers, soakers and washers.....	24.1	13.00	1½	9 50c.	9 - 9 -54				
Philadelphia, Pa.....	22.2	12.00	1½	1½	9 - 9 -54				
Rochester, N. Y.....	35.4	17.00	450c.	10 50c.	11 8 - 8 -48		33.3	16.00	8 - 8 -48
Worcester, Mass.....	22.2	12.00	450c.	2	9 - 9 -54		20.4	11.00	12 9 - 9 -54
NORTH CENTRAL.									
Chicago, Ill.....	18.8	9.00	1½	1½	8 - 8 -48				
Detroit, Mich.....	41.7	20.00	1½	1½	8 - 8 -48		36.5	17.50	8 - 8 -48
Grand Rapids, Mich.....	34.4	16.50	1½	1½	8 - 8 -48				
Indianapolis, Ind. (females).....	19.8	9.50	1½	1½	8 - 8 -48		17.2	8.25	8 - 8 -48
Kansas City, Mo.: Labelers, cartoners, and polishers.....	24.0	11.50	1½	(13)	8 - 8 -48				
Milwaukee, Wis. (females).....	20.8	10.00	1½	1½	8 - 8 -48				
Peoria, Ill. (females).....	19.8	9.50	1½	1½	8 - 8 -48				
St. Louis, Mo.....	24.0	11.50	1½	1½	8 - 8 -48		20.8	10.00	8 - 8 -48

¹ For holidays, time and one-half; for Sundays, regular rate.

² Labor Day, time and a half.

³ "Near beer."

⁴ Actual rate, in cents, per hour.

⁵ For Sundays; holidays off, with pay.

⁶ 40 hours per week, December to March, inclusive.

⁷ Work on Sundays prohibited; for holidays, work one-half day, paid for full pay.

⁸ 8 hours per day, 48 per week, October to April, inclusive.

⁹ Actual rate, in cents, per hour for Sundays; for holidays, work 5 hours, paid for full day except from May 15 to Sept. 15, regular rate.

¹⁰ Actual rate, in cents, per hour for Sundays; holidays off, with pay.

¹¹ 40 hours per week, January to December, inclusive.

¹² 8 hours per day, 48 per week, November to April, inclusive.

¹³ For Sundays, double time; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

LABORERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Bridgeport, Conn.: Garage men.....	Cents. 39.6	Dolls. 19.00	1 50c.	1	8 - 8 - 48		Cents. 30.4	Dolls. 17.00	8 - 8 - 56
Buffalo, N. Y.: Laborers, storehouse.....	30.8	16.00	1 ½	1 ½	8 ¾ - 8 ¾ - 52				
Ice pullers.....	31.3	15.00	1 ½	1 ½	8 - 8 - 48		29.2	14.00	8 - 8 - 48
Newark, N. J.: Laborers, bottling-house.....	27.8	15.00	1 ½	(2)	3 9 - 9 - 54		24.1	13.00	3 9 - 9 - 54
Car loaders and unloaders.....	41.7	20.00	1 ½	4 1	5 8 - 8 - 48		37.5	18.00	5 8 - 8 - 48
New Haven, Conn.: Yardmen.....	35.4	17.00	1 50c.	(6)	8 - 8 - 48		31.3	15.00	8 - 8 - 48
New York, N. Y.: Laborers, bottling-house.....	24.1	13.00	1 ½	7 50c.	9 - 9 - 54				
Coal passers.....	31.3	15.00	(9)	1	8 - 8 - 48				
Yardmen, union A.....	28.3	17.00	1	1	10 - 10 - 60				
Yardmen, union B.....	28.3	17.00	1 50c.	9 50c.	10 - 10 - 60				
Yardmen, union C.....	28.3	17.00	1 50c.	(10)	10 - 10 - 60				
Philadelphia, Pa.: Pittsburgh, Pa.: Repair men.....	20.0	12.00	1 50c.	1	11 10 - 10 - 60		18.3	11.00	11 10 - 10 - 60
Yardmen.....	40.6	19.50	1 ½	1 ½	8 - 8 - 48				
Rochester, N. Y.: Ice pullers.....	30.6	16.50	1	1	9 - 9 - 54				
Scranton, Pa.: Box repair men.....	39.6	19.00	1 50c.	12 50c.	13 8 - 8 - 48		33.9	19.00	8 - 8 - 56
Ice pullers.....	33.3	16.00	1 ½	14 2	8 - 8 - 48				
Worcester, Mass.: Laborers, brewery.....	37.5	21.00	1 ½	14 1	8 - 8 - 48				
Laborers, wholesale houses.....	38.0	18.25	1 50c.	2	8 - 8 - 48		33.3	16.00	8 - 8 - 48
	31.5	17.00	1 50c.	2	9 - 9 - 54		29.6	16.00	9 - 9 - 54
SOUTH ATLANTIC.									
Baltimore, Md.: Feedmen.....	31.7	19.00	1 40c.	2	10 - 10 - 60		30.0	18.00	10 - 10 - 60
Ice pullers.....	26.8	15.00	1 50c.	1	8 - 8 - 56		(15)	(15)	(15)
Yardmen.....	25.0	15.00	1 40c.	2	10 - 10 - 60		23.3	14.00	10 - 10 - 60
Washington, D. C.: Condenser cleaners, helpers, and coal passers.....	26.8	15.00	1 ½	1	8 - 8 - 56				

¹ Actual rate, in cents, per hour.

² For Sundays double time, for holidays regular rate.

³ 45 hours per week, October to March, inclusive.

⁴ For holidays; do not work on Sundays.

⁵ 60 hours per week, October to March, inclusive.

⁶ Sunday work prohibited; work one-half day on holidays, paid for full day.

⁷ Actual rate, in cents, per hour Sundays; for holidays, work 5 hours paid for full day, except from May 15 to Sept. 15, regular rate.

⁸ Overtime work prohibited.

⁹ Actual rate, in cents, per hour for Sundays; for holidays double time, except from May 15 to Sept. 15, regular rate.

¹⁰ For Sundays and for holidays double time, except from May 15 to Sept. 15, regular rate.

¹¹ 9 hours per day, 54 per week from first week in October to first week in April.

¹² Actual rate, in cents, per hour for Sundays; holidays off, with pay.

¹³ 40 hours per week, January to March, inclusive.

¹⁴ For Sundays; work one-half day on July 4 and Memorial Day, paid for full day; other holidays off, with pay.

¹⁵ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

LABORERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full day; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.	33.3	16.00	1½	1½	8 - 8 - 48				
Cincinnati, Ohio.	27.9	14.25	1½	1½	8½- 8½-51	25.5	13.00	8½- 8½-51	
Ice-house employees.	23.2	16.25	1½	1	10 -10 -70	19.5	15.00	11 -11 -77	
Cleveland, Ohio.	33.0	18.50	1½	1	8 - 8 - 56				
Columbus, Ohio:									
Car loaders and yardmen.	26.7	16.00	1½	1½	10 -10 -60				
Ice pullers.	29.2	17.50	1½	1½	10 -10 -60				
Detroit, Mich.: Loaders.	41.7	20.00	1½	1½	8 - 8 - 48	36.5	17.50	8 - 8 - 48	
Indianapolis, Ind.:									
Brewery.	31.3	15.00	1½	1½	8 - 8 - 48	28.1	13.50	8 - 8 - 48	
General.	26.0	12.50	1½	1½	8 - 8 - 48	25.0	12.00	8 - 8 - 48	
Coal shovelers.	29.5	16.50	1½	1	8 - 8 - 56	28.1	15.75	8 - 8 - 56	
Ice-house employees.	25.0	17.50	1½	1	10 -10 -70				
Kansas City, Mo.:									
Head ice pullers and first yardmen.	39.6	19.00	1½	(2)	8 - 8 - 48				
Ice pullers, barrel headers, case repairsmen, condenser cleaners, and yardmen.	36.5	17.50	1½	(2)	8 - 8 - 48				
Milwaukee, Wis.:									
Coal passers.	40.6	19.50	1½	1	8 - 8 - 48				
Ice-house men and yard- men.	37.5	18.00	1½	1½	8 - 8 - 48				
Minneapolis, Minn.:									
Car loaders.	31.7	19.00	3 50c.	4 50c.	10 -10 -60				
Omaha, Nebr.: Coal passers.	37.5	18.00	3 60c.	3 60c.	8 - 8 - 48				
Peoria, Ill.	36.5	17.50	3 50c.	3 50c.	8 - 8 - 48				
St. Louis, Mo.:									
Barrel packers, crate han- dlers, and machine men.	36.5	17.50	1½	1½	8 - 8 - 48	34.4	16.50	8 - 8 - 48	
Freight handlers.	39.4	18.90	1½	1½	8 - 8 - 48	36.9	17.70	8 - 8 - 48	
Laborers, bottling house.	30.2	14.50	1½	1½	8 - 8 - 48	28.1	13.50	8 - 8 - 48	
Laborers, brewery.	35.0	16.80	1½	1½	8 - 8 - 48	32.5	15.60	8 - 8 - 48	
Laborers, ice plant.	38.1	18.30	1½	1½	8 - 8 - 48	35.6	17.10	8 - 8 - 48	
Cartoners.	21.9	10.50	1½	1½	8 - 8 - 48	18.8	9.00	8 - 8 - 48	
St. Paul, Minn.	24.0	14.40	3 50c.	3 50c.	10 -10 -60	23.0	13.80	10 -10 -60	
SOUTH CENTRAL.									
Dallas, Tex.:									
Repair men.	39.6	19.00	1½	1	8 - 8 - 48				
Repair men's helpers.	35.4	17.00	1½	1	8 - 8 - 48	33.3	16.00	8 - 8 - 48	
Houston, Tex.:									
Helpers.	38.5	18.50	1½	1½	8 - 8 - 48	35.4	17.00	8 - 8 - 48	
Repair men.	47.9	23.00	1½	1½	8 - 8 - 48	40.7	22.00	9 - 9 - 54	
Tank men.	36.6	20.50	1½	6 1	8 - 8 - 56	33.9	19.00	8 - 8 - 56	
Louisville, Ky.									
Ice pullers.	28.1	13.50	1½	1½	8 - 8 - 48	27.1	13.00	8 - 8 - 48	
	29.5	16.50	1½	1	8 - 8 - 56	28.1	16.00	8 - 8 - 56	

1 Allowed 1 week off each year, with pay.

2 For Sundays, double time; for holiday's regular rate.

3 Actual rate, in cents, per hour.

4 Actual rate, in cents, per hour for Sundays; holidays off, with pay.

5 Labor Day, time and a half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

LABORERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
WESTERN.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Denver, Colo.: Yardmen ¹	37.5	18.00	² 50c.	² 50c.	8 - 8 - 48				
Los Angeles, Cal.: Yardmen.....	39.6	19.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Portland, Oreg. ¹	37.0	20.00	² 50c.	² 50c.	9 - 9 - 54				
Salt Lake City, Utah: Ice pullers.....	34.4	16.50	² 70c.	² 70c.	8 - 8 - 48				
Seattle, Wash. ¹	39.6	19.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Repair men.....	37.5	18.00	$\frac{1}{2}$	(³)	8 - 8 - 48				

MALTSTERS.

NORTH ATLANTIC.									
Buffalo, N. Y.....	32.7	17.00	$\frac{1}{2}$	1	8 $\frac{3}{4}$ - 8 $\frac{3}{4}$ - 52				
Newark, N. J.....	33.3	18.00	² 50c.	² 60c.	4 ⁹ - 9 - 54				
Helpers.....	31.5	17.00	$\frac{1}{2}$	(³)	6 ⁹ - 9 - 54	27.8	15.00		6 ⁹ - 9 - 54
Philadelphia, Pa.: Malt millers.....	39.6	19.00	$\frac{1}{2}$	(⁷)	8 - 8 - 48				
Pittsburgh, Pa.: Malt drivers.....	36.5	17.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Rochester, N. Y.: Malt millers.....	41.7	20.00	² 50c.	² 50c.	9 ⁸ - 8 - 48	29.6	19.00		8 - 8 - 48
Worcester, Mass.: Malt grinders.....	43.8	21.00	² 50c.	² 50c.	8 - 8 - 48	39.6	19.00		8 - 8 - 48
NORTH CENTRAL.									
Chicago, Ill.....	41.7	20.00	² 60c.	(¹⁰)	8 - 8 - 48				
Malt-house men.....	47.9	23.00	$\frac{1}{2}$	1	8 - 8 - 48				
Cincinnati, Ohio: Malt-house men.....	42.7	20.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48	40.6	19.50		8 - 8 - 48
Cleveland, Ohio.....	37.0	20.00	$\frac{1}{2}$	11 $\frac{1}{2}$	12 ⁸ - 8 - 54				
Maltsters, first.....	39.8	21.50	$\frac{1}{2}$	11 $\frac{1}{2}$	12 ⁸ - 8 - 54				
Detroit, Mich.....	35.7	20.00	$\frac{1}{2}$	1	8 - 8 - 56	32.1	18.00		8 - 8 - 56
Milwaukee, Wis.: Brewery.....	41.7	20.00	$\frac{1}{2}$	1	8 - 8 - 48				
Malt house.....	37.5	18.00	² 45c.	1	8 - 8 - 48				
Minneapolis, Minn.....	42.7	20.50	² 50c.	1	8 - 8 - 48				
Omaha, Nebr.....	38.4	21.50	² 60c.	³ 60c.	14 ⁸ - 8 - 56				
St. Louis, Mo.: Day.....	49.0	23.50	$\frac{1}{2}$	1	8 - 8 - 48	45.8	22.00		8 - 8 - 48
Night.....	51.0	24.50	$\frac{1}{2}$	1	8 - 8 - 48	47.9	23.00		8 - 8 - 48
Maltsters, first, day.....	72.1	34.62	$\frac{1}{2}$	1	8 - 8 - 48	67.3	32.31		8 - 8 - 48
Maltsters, first, night.....	72.1	34.62	$\frac{1}{2}$	1	8 - 8 - 48				
St. Paul, Minn.....	42.7	20.50	² 50c.	1	8 - 8 - 48	41.7	20.00		8 - 8 - 48

¹ "Near beer."

² Actual rate, in cents, per hour.

³ For holidays, time and a half; for Sundays, regular rate.

⁴ Allowed 1 day off each month, with pay.

⁵ For Sundays, double time; for holidays, regular rate.

⁶ 45 hours per week, October to March, inclusive.

⁷ For Sundays, time and one-half; for holidays, regular rate.

⁸ Actual rate, in cents per hour, for Sundays; holidays off, with pay.

⁹ 40 hours per week, January to March, inclusive.

¹⁰ Work 7 hours, paid for 8.

¹¹ For Sundays; holidays off, with pay.

¹² For Sundays, 6 hours; allowed 2 days off each month, with pay.

¹³ Scale became 40.8 cents on July 1, 1916.

¹⁴ Allowed one-half day off each week, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

MALTSTERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
Louisville, Ky.....	Cents. 35.7	Dolls. 20.00	1½	1	1 8 - 8 - 56				
Houston, Tex.: Malt dryers..	45.8	22.00	1½	1½	8 - 8 - 48	41.7	20.00	8 - 8 - 48	
WESTERN.									
Salt Lake City, Utah.....	50.0	28.00	2 70c.	1	8 - 8 - 56				

OILERS.

NORTH ATLANTIC.									
Buffalo, N. Y.....	31.3	15.00	1½	1½	8 - 8 - 48	29.2	14.00	8 - 8 - 48	
Newark, N. J.....	39.6	19.00	1½	(3)	8 - 8 - 48	35.4	17.00	8 - 8 - 48	
New York, N. Y.....	35.4	17.00	(4)	1	8 - 8 - 48				
Philadelphia, Pa.....	28.6	16.00	1½	1	5 8 - 8 - 56	26.8	15.00	5 8 - 8 - 56	
Pittsburgh, Pa.....	31.3	17.50	1½	1	8 - 8 - 56				
Providence, R. I.....	29.5	16.50	2 50c.	1	6 8 - 8 - 56				
Rochester, N. Y.....	40.6	19.50	1½	2	8 - 8 - 48				
SOUTH ATLANTIC.									
Baltimore, Md.....	31.3	17.50	2 50c.	1	8 - 8 - 56				
Washington, D. C.....	28.6	16.00	1½	1	8 - 8 - 56	26.8	15.00	8 - 8 - 56	
NORTH CENTRAL.									
Cincinnati, Ohio.....	33.9	19.00	1	1	8 - 8 - 56				
Cleveland, Ohio.....	33.0	18.50	1½	1	5 8 - 8 - 56				
Columbus, Ohio.....	35.7	20.00	1	1	6 8 - 8 - 56				
Detroit, Mich.....	41.7	20.00	1½	1	8 - 8 - 48	33.9	19.00	5 8 - 8 - 56	
Indianapolis, Ind.....	29.9	16.75	1½	1	8 - 8 - 56	28.1	15.75	8 - 8 - 56	
Kansas City, Mo.....	43.8	21.00	1½	1	8 - 8 - 48				
Oilers and wipers, engine room.....	39.6	22.17	1½	(6)	8 - 8 - 56				
Milwaukee, Wis.: Oilers, brewery.....	40.6	19.50	1½	1	8 - 8 - 48				
Oilers, malt house.....	34.4	16.50	1½	1	8 - 8 - 48				
Minneapolis, Minn.....	35.0	19.62	1½	1	8 - 8 - 56				
Omaha, Nebr.....	39.6	19.00	2 60c.	2 60c.	8 - 8 - 48				
St. Louis, Mo.....	37.5	18.00	1½	1	8 - 8 - 48	35.1	16.83	8 - 8 - 48	
Oilers and cleaners, auto-trucks.....	40.6	19.50	1½	1	8 - 8 - 48	38.5	18.50	8 - 8 - 48	
Oilers, cleaners, and repairers.....	43.8	21.00	1½	1	8 - 8 - 48	41.7	20.00	8 - 8 - 48	
Oilers, power house men, and handy men.....	40.6	19.50	1½	1	8 - 8 - 48	38.0	18.25	8 - 8 - 48	

1 Allowed one day off every 2 weeks, with pay.
 2 Actual rate, in cents, per hour.
 3 For Sundays, double time; for holidays, regular rate.
 4 Overtime work prohibited.
 5 Allowed 1 week off each year, with pay.
 6 Allowed 1 day off each month, with pay.
 7 For holidays; do not work on Sundays.
 8 For holidays, time and one-half; for Sundays, regular rate.
 9 Scale became 37.5 cents on July 1, 1916.
 10 Scale became 37.1 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

OILERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Houston, Tex.....	40.2	22.50	1½	1	8 - 8 -56	37.5	21.00	8 - 8 -56	
Louisville, Ky.....	30.4	17.00	1½	1	8 - 8 -56	29.5	16.50	8 - 8 -56	
Helpers.....	29.5	16.50	1½	1	8 - 8 -56	28.6	16.00	8 - 8 -56	
WESTERN.									
San Francisco, Cal.....	43.3	20.77	1½	1	8 - 8 -48				

PACKERS, BOTTLE BEER.

NORTH ATLANTIC.									
Boston, Mass.....	35.4	17.00	2 50c.	1	8 - 8 -48	31.3	15.00	8 - 8 -48	
Buffalo, N. Y.....	31.3	15.00	1½	1½	8 - 8 -48	25.9	14.00	9 - 9 -54	
Manchester, N. H.: Packers and shippers.....	33.3	16.00	2 50c.	2 50c.	8 - 8 -48				
Newark, N. J.: Packers and barrel headers.....	31.5	17.00	1½	(5)	9 - 9 -54	27.8	15.00	9 - 9 -54	
New York, N. Y.....	27.8	15.00	1½	7 50c.	9 - 5 -54				
Philadelphia, Pa.....	24.1	13.00	1½	1½	9 - 9 -54				
Assistant.....	22.2	12.00	1½	1½	9 - 9 -54				
Rochester, N. Y.....	35.4	17.00	2 50c.	2 50c.	8 - 8 -48	33.3	16.00	8 - 8 -48	
SOUTH ATLANTIC.									
Baltimore, Md.....	29.2	14.00	2 35c.	2 35c.	8 - 8 -48	25.9	14.00	9 - 9 -54	
NORTH CENTRAL.									
Grand Rapids, Mich.....	34.4	16.50	1½	1½	8 - 8 -48				
SOUTH CENTRAL.									
Dallas, Tex.....	37.5	18.00	1½	1½	8 - 8 -48	35.4	17.00	8 - 8 -48	
Houston, Tex.....	43.8	21.00	1½	1½	8 - 8 -48	38.5	18.50	8 - 8 -48	

¹ For Labor Day, time and one-half.

² Actual rate, in cents, per hour.

³ For Sundays; holidays off, with pay.

⁴ 40 hours per week, December to March, inclusive.

⁵ For Sundays, double time; for holidays, regular rate.

⁶ 45 hours per week, October to March, inclusive.

⁷ Actual rate, in cents, per hour for Sundays; for holidays, double time, except from May 15 to September 15, inclusive, regular rate.

⁸ For Sundays, actual rate, in cents, per hour; holidays off, with pay.

⁹ 40 hours per week, January to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

STABLEMEN.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	31.5	17.00	1.50c.	1.50c.	9 - 9 - 54				
First stablemen.....	34.3	18.50	1.50c.	1.50c.	9 - 9 - 54				
Buffalo, N. Y.:									
Day.....	29.6	16.00	1.50c.	(2)	3 9 - 9 - 54		27.8	15.00	9 - 9 - 54
Night.....	28.3	17.00	1.50c.	(2)	3 10 - 10 - 60		19.0	16.00	12 - 12 - 84
Manchester, N. H.....	31.5	17.00	1.50c.	1.50c.	9 - 9 - 54				
Newark, N. J.....	32.8	19.00	1 1/2	1	4 9 - 9 - 58		29.3	17.00	4 9 - 9 - 58
New Haven, Conn.....	34.8	19.50	1.50c.	1	8 - 8 - 56		31.3	17.50	8 - 8 - 56
New York, N. Y.:									
Union A.....	28.3	17.00	1.50c.	(4)	10 - 10 - 60				
Union B.....	28.3	17.00	1	1	10 - 10 - 60				
Union C.....	28.3	17.00	1.50c.	7 60c.	10 - 10 - 60				
Philadelphia, Pa.:									
Bottling house.....	20.6	13.00	1 1/2	1	8 9 - 9 - 63				
Brewery.....	25.4	16.00	1.50c.	1	9 10 - 10 - 63		24.6	15.50	10 - 10 - 63
Pittsburgh, Pa.....	27.8	17.50	1	1	10 9 - 9 - 63				
Providence, R. I.....	28.6	18.00	1.50c.	1	11 9 - 9 - 83				
First stablemen.....	33.3	21.00	1.50c.	1	11 9 - 9 - 63				
Rochester, N. Y.....	34.3	18.50	1.50c.	12 50c.	13 9 - 9 - 54		32.4	17.50	9 - 9 - 54
First stablemen.....	38.0	20.50	1.50c.	12 50c.	13 9 - 9 - 54		35.2	19.00	9 - 9 - 54
Scranton, Pa.....	27.1	19.00	1 1/2	1	14 10 - 10 - 70				
Helpers.....	25.0	17.50	1 1/2	1	14 10 - 10 - 70				
Worcester, Mass.:									
Bottling house.....	27.8	17.50	1.50c.	1	9 - 9 - 63		25.4	16.00	9 - 9 - 63
Brewery.....	38.0	20.50	1.50c.	1.50c.	16 9 - 9 - 54		34.3	18.50	9 - 9 - 54
Head stablemen.....	39.8	21.50	1.50c.	1.50c.	16 9 - 9 - 54		35.2	19.00	9 - 9 - 54
SOUTH ATLANTIC.									
Baltimore, Md.....	26.7	16.00	1.40c.	2	10 - 10 - 60		25.0	15.00	10 - 10 - 60
Stable bosses.....	31.7	19.00	1.40c.	2	10 - 10 - 60		30.0	18.00	10 - 10 - 60
Richmond, Va.....	22.9	16.00	1 1/2	1	10 - 10 - 70				
Washington, D. C.....	25.0	15.00	1.50c.	1.50c.	16 10 - 10 - 60		22.7	15.00	16 11 - 11 - 66
Stable bosses.....	28.3	17.00	1.50c.	1.50c.	16 10 - 10 - 60		25.8	17.00	16 11 - 11 - 66

1 Actual rate, in cents, per hour.
 2 No established rate.
 3 Forty-six hours per week, December to March, inclusive.
 4 For Sundays, 4 hours.
 5 For holidays, double time, except from May 15 to Sept. 15, regular time; for Sundays, regular rate.
 6 Actual rate, in cents, per hour, for Sundays; for holidays, double time, except from May 15 to Sept. 15, regular rate.
 7 Allowed 2 days off each year, with pay.
 8 9 hours per day, 57 per week, October to March, inclusive.
 9 Allowed one-half day off each week, with pay.
 10 Allowed 1 day off each month, with pay.
 11 Actual rate, in cents per hour, for Sundays; holidays off, with pay, and 50 cents per hour additional if work is required.
 12 48 hours per week, October to March, inclusive.
 13 Allowed 1 week's vacation each year, with pay.
 14 8 hours per day, 48 per week, December to March, inclusive.
 15 Allowed 4 days off each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

STABLEMEN—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.	24.7	17.31	1½	1	1 10 -10 -70				
Cincinnati, Ohio	27.8	17.50	1½	1	2 9 - 9 -58½	26.2	16.50	2 9 - 9 -58½	
Cleveland, Ohio	22.9	16.00	1½	1	3 10 -10 -70				
Columbus, Ohio	24.3	17.00	1	1	10 -10 -70				
Detroit, Mich.	33.3	18.00	1½	(*)	9 - 9 -54	31.5	17.00	9 - 9 -54	
Grand Rapids, Mich.	25.0	17.50	1½	1	5 10 -10 -70				
Indianapolis, Ind.	24.6	15.50	1½	1	1 9 - 9 -63	23.0	14.50	9 - 9 -63	
Kansas City, Mo.	28.6	18.00	50c.	1	7 9 - 9 -63				
First stablemen.	31.7	20.00	50c.	1	7 9 - 9 -63				
Milwaukee, Wis.	28.6	18.00	1½	1	8 9 - 9 -33				
Minneapolis, Minn.	28.3	17.00	50c.	50c.	10 -10 -60				
Omaha, Nebr.	37.0	20.00	50c.	50c.	9 - 9 -54				
Peoria, Ill.	26.7	16.00	50c.	50c.	10 10 -10 -60				
St. Louis, Mo.:									
Day	28.3	17.00	1½	1	10 -10 -60	26.3	15.75	10 -10 -60	
Night	30.0	18.00	1½	1	10 -10 -60	28.3	15.75	10 -10 -60	
St. Paul, Minn.	19.8	13.85	50c.	1	10 -10 -70	18.5	12.92	10 -10 -70	
SOUTH CENTRAL.									
Dallas, Tex.	24.3	17.00	1½	1½	11 10 -10 -70				
Houston, Tex.	35.7	20.00	1½	12 1	8 - 8 -56	30.2	19.00	9 - 9 -63	
Louisville, Ky.	27.8	15.00	1½	1½	13 9 - 9 -54	26.9	14.50	13 9 - 9 -54	
Stablemen who also do hauling.	29.6	16.00	1½	1½	13 9 - 9 -54	28.7	15.50	13 9 - 9 -54	
New Orleans, La.	24.2	14.50	2	(14)	10 -10 -60				
WESTERN.									
Denver, Colo. ¹⁵	34.6	18.70	50c.	50c.	9 - 9 -54				
Los Angeles, Cal.	33.3	21.00	75c.	(16)	11 9 - 9 -63				
Portland, Oreg. ¹⁵	42.6	23.00	60c.	60c.	9 - 9 -54	46.7	22.00	9 - 9 -54	
Salt Lake City, Utah.	33.9	20.00	50c.	1	17 9 - 9 -59				
San Francisco, Cal.	40.0	24.00	65c.	65c.	10 -10 -60				
Seattle, Wash. ¹⁵	33.3	21.00	1½	1	9 - 9 -63				

¹ Allowed 1 day off every 2 weeks, with pay.

² For Sundays, 4½ hours. Work 58½ hours, paid for 63.

³ Allowed 2 days off each month, with pay.

⁴ Work on Sundays prohibited; holidays off, with pay.

⁵ Allowed 2 weeks off each year, with pay.

⁶ Actual rate, in cents, per hour.

⁷ Allowed one-half day off each week, with pay.

⁸ Allowed 1 day off every 2 weeks and every other holiday off, with pay.

⁹ Actual rate, in cents, per hour, for Sundays; holidays off, with pay.

¹⁰ 9 hours per day, 54 per week, October to March, inclusive.

¹¹ Allowed 1 day off each month, with pay.

¹² For Labor Day, time and one-half.

¹³ 8 hours per day, 48 per week, October to March, inclusive.

¹⁴ 25 cents per hour more than regular rate.

¹⁵ "Near beer."

¹⁶ For holidays, double time; for Sundays, regular rate.

¹⁷ Sundays, 5 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

WASHERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Philadelphia, Pa.....	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Providence, R. I.....	22. 2	12. 00	1½	1½	9 - 9 - 54				
Seranton, Pa.: Soakers and rinsers.....	35. 4	17. 00	1 50c.	1 60c.	8 - 8 - 48				
	29. 2	14. 00	1½	2 2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.: Washers, wagon	36. 1	17. 31	1½	(³)	8 - 8 - 48				
Detroit, Mich.: Soakers and rinsers.....	41. 7	20. 00	1½	1½	8 - 8 - 48	36. 5	17. 50	8 - 8 - 48	
Grand Rapids, Mich.: Washers, bottle.....	34. 4	16. 50	1½	1½	8 - 8 - 48				
Washers, boiler.....	30. 2	14. 50	1½	1½	8 - 8 - 48				
Indianapolis, Ind.: Washers, boiler.....	34. 9	16. 75	1½	1½	8 - 8 - 48	32. 8	15. 75	8 - 8 - 48	
Kansas City, Mo.: Washers, boiler.....	43. 8	21. 00	1½	1	8 - 8 - 48				
Omaha, Nebr.: Washers, boiler.....	39. 6	19. 00	1 60c.	1 60c.	8 - 8 - 48				
Peoria, Ill.....	21. 9	10. 50	1½	1½	8 - 8 - 48				
St. Louis, Mo.: Soakers and rinsers.....	36. 5	17. 50	1½	1½	8 - 8 - 48	34. 4	16. 50	8 - 8 - 48	
Washers, boilers.....	37. 5	18. 00	1	1	8 - 8 - 48	34. 9	16. 75	8 - 8 - 48	
Washers, bottle.....	36. 5	17. 50	1½	1½	8 - 8 - 48	33. 3	16. 00	8 - 8 - 48	
SOUTH CENTRAL.									
Dallas, Tex.....	37. 5	18. 00	1½	1½	8 - 8 - 48	35. 4	17. 00	8 - 8 - 48	
WESTERN.									
Portland, Oreg.: ⁴ Rinsers, tinfoilers, and truckers.....	37. 5	18. 00	1½	1½	8 - 8 - 48				

WASHHOUSE MEN.

NORTH ATLANTIC.									
Boston, Mass.....	37. 5	18. 00	1 50c.	1 50c.	8 - 8 - 48				
Washhouse men, first.....	41. 7	20. 00	1 50c.	1 50c.	8 - 8 - 48				
Bridgeport, Conn.....	39. 6	19. 00	1 50c.	()	8 - 8 - 48	35. 4	17. 00	8 - 8 - 48	
Buffalo, N. Y.....	40. 6	19. 50	1 50c.	1 50c.	6 8 - 8 - 48	38. 5	18. 50	8 - 8 - 48	
Washhouse men, first.....	45. 8	22. 00	1 50c.	1 50c.	6 8 - 8 - 48	43. 8	21. 00	8 - 8 - 48	
Fall River, Mass.....	34. 4	16. 50	1 50c.	1 50c.	8 - 8 - 48	33. 3	16. 00	8 - 8 - 48	
Washhouse men, first.....	40. 6	19. 50	1 50c.	1 50c.	8 - 8 - 48	39. 6	19. 00	8 - 8 - 48	
Manchester, N. H.....	33. 3	16. 00	1 50c.	1 50c.	8 - 8 - 48				
Washhouse men, first.....	37. 5	18. 00	1 50c.	1 50c.	8 - 8 - 48				

¹ Actual rate, in cents, per hour.

² For Sundays; holidays off, with pay.

³ Overtime work prohibited.

⁴ "Near beer."

⁵ Work on Sundays, New Year's Day, and Christmas prohibited; work 4 hours on Memorial Day and Thanksgiving and 3 hours on May 1 and on Labor Day; paid for full day.

⁶ 40 hours per week, December to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

WASHHOUSE MEN—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half half- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Newark, N. J.	41.7	20.00	1½	1 2	2 8 - 8 - 48				8 - 8 - 48
New Haven, Conn.	42.7	20.50	3 50c.	(4)	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Washhouse men, first.	44.8	21.50	3 50c.	(4)	8 - 8 - 48	40.6	19.50		8 - 8 - 48
New York, N. Y.	37.5	18.00	3 50c.	6 60c.	8 - 8 - 48				
Washhouse men, first.	41.7	20.00	3 50c.	6 60c.	8 - 8 - 48				
Philadelphia, Pa.	35.4	17.00	1½	(6)	8 - 8 - 48				
Washhouse men, first.	41.7	20.00	1½	(6)	8 - 8 - 48				
Pittsburgh, Pa.	39.6	19.00	1½	1½	8 - 8 - 48				
Washhouse men, first.	42.7	20.50	1½	1½	8 - 8 - 48				
Providence, R. I.	38.5	18.50	3 50c.	3 60c.	8 - 8 - 48				
Washhouse men, first, 4 or more men, union A.	44.8	21.50	3 50c.	3 60c.	8 - 8 - 48				
Washhouse men, first, 4 or more men, union B.	49.0	23.50	3 50c.	3 60c.	8 - 8 - 48				
Washhouse men, first, unions A and B.	42.7	20.50	3 50c.	3 60c.	8 - 8 - 48				
Rochester, N. Y.	39.6	19.00	3 50c.	7 50c.	8 8 - 8 - 48	37.5	18.00		8 - 8 - 48
Washhouse men, first.	46.9	22.50	3 50c.	7 50c.	8 8 - 8 - 48	44.8	21.50		8 - 8 - 48
Scranton, Pa.	36.5	17.50	1½	9 2	8 - 8 - 48				
Washhouse men, first.	39.6	19.00	1½	9 2	8 - 8 - 48				
Worcester, Mass.	43.8	21.00	3 50c.	3 50c.	8 - 8 - 48	39.6	19.00		8 - 8 - 48
Washhouse men, first.	45.8	22.00	3 50c.	3 50c.	8 - 8 - 48	41.7	20.00		8 - 8 - 48
SOUTH ATLANTIC.									
Baltimore, Md.	39.6	19.00	50c.	10 2	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Washington, D. C.	37.5	18.00	1½	1½	11 8 - 8 - 48				
Washhouse men, first.	41.7	20.00	1½	1½	11 8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.	47.9	23.00	1½	1½	8 - 8 - 48				
Cincinnati, Ohio.	40.6	19.50	1½	1½	8 - 8 - 48	38.5	18.50		8 - 8 - 48
Cleveland, Ohio.	41.7	20.00	1½	(12)	8 - 8 - 48				
Washhouse men, first.	44.8	21.50	1½	(12)	8 - 8 - 48				
Columbus, Ohio.	40.6	19.50	1½	1½	8 - 8 - 48	39.6	19.00		8 - 8 - 48
Detroit, Mich.	47.9	23.00	1½	1½	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Grand Rapids, Mich.	35.4	17.00	1½	1½	8 - 8 - 48				
Indianapolis, Ind.	40.1	19.25	1½	1½	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Kansas City, Mo.	47.9	23.00	1½	1½	8 - 8 - 48				
Washhouse men, first.	52.1	25.00	1½	1½	8 - 8 - 48				
Milwaukee, Wis.	38.5	18.50	1½	1½	8 - 8 - 48				
Minneapolis, Minn.	42.7	20.50	3 50c.	3 50c.	8 - 8 - 48				

¹ For Sundays and Labor Day, double time; for other holidays, regular rate.

² 40 hours per week, April to March, inclusive.

³ Actual rate, in cents, per hour.

⁴ Work on Sundays prohibited; work one-half day on holidays, paid for full day.

⁵ Actual rate, in cents, per hour for Sundays; for holidays, except from May 15 to Sept. 15, double rate.

⁶ For Sundays, time and one-half; for holidays, regular rate.

⁷ Actual rate, in cents, per hour for Sundays; holidays off, with pay.

⁸ 40 hours per week, January to March, inclusive.

⁹ For Sundays; holidays off, with pay.

¹⁰ For Sundays, Christmas, and New Year's Day; for other holidays, time and one-half.

¹¹ 40 hours per week, December to February, and allowed 4 days off each year, with pay.

¹² Work on Sundays prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

WASHHOUSE MEN—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Omaha, Nebr.....	41.7	20.00	¹ 60c.	¹ 60c.	8 - 8 -48				
Peoria, Ill.....	36.5	17.50	¹ 50c.	¹ 50c.	8 - 8 -48				
St. Louis, Mo.....	49.6	22.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48	43.8	21.00	8 - 8 -48	
Washhouse men, first.....	51.0	24.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48	47.9	23.00	8 - 8 -48	
St. Paul, Minn.....	42.7	20.50	¹ 50c.	² 50c.	8 - 8 -48	41.7	20.00	8 - 8 -48	
SOUTH CENTRAL.									
Dallas, Tex.....	45.8	22.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48	43.8	21.00	8 - 8 -48	
Washhouse men, first.....	50.0	24.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48				
Houston, Tex.....	50.0	24.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48	47.9	23.00	8 - 8 -48	
Louisville, Ky.....	37.5	18.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -48	36.5	17.50	8 - 8 -48	
New Orleans, La.....	37.5	18.00	¹ 60c.	¹ 60c.	8 - 8 -48				

WATCHMEN.

NORTH ATLANTIC.									
Boston, Mass.....	38.5	18.50	¹ 50c.	¹ 50c.	8 - 8 -48				
Bridgeport, Conn.....	20.2	17.00	¹ 50c.	1	12 -12 -84	17.9	15.00	12 -12 -84	
Fall River, Mass.....	19.6	16.50	¹ 50c.	1	12 -12 -84	19.0	16.00	12 -12 -84	
New Haven, Conn.....	23.2	19.50	¹ 50c.	1	² 12 -12 -84	20.8	17.50	³ 12 -12 -84	
Pittsburgh, Pa.....	33.9	19.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 -56				
Providence, R. I.....	31.7	20.00	¹ 50c.	1	⁴ 9 - 9 -63				
Rochester, N. Y.....	22.6	19.00	¹ 50c.	1	12 -12 -84	21.4	18.00	12 -12 -84	
Scranton, Pa.....	28.6	18.00	$\frac{1}{2}$	1	⁵ 9 - 9 -63				
Worcester, Mass.....	31.4	22.00	1	1	10 -10 -70	28.6	20.00	10 -10 -70	
SOUTH ATLANTIC.									
Baltimore, Md.....	21.4	15.00	¹ 40c.	1	⁶ 10 -10 -70	20.0	14.00	⁶ 10 -10 -70	
NORTH CENTRAL.									
Cincinnati, Ohio.....	20.8	17.50	$\frac{1}{2}$	1	⁶ 12 -12 -84	19.6	16.50	⁶ 12 -12 -84	
Grand Rapids, Mich.....	25.7	18.00	1	1	⁷ 10 -10 -70				
Indianapolis, Ind.....	25.0	19.25	$\frac{1}{2}$	1	⁶ 11 -11 -77	24.7	19.00	⁶ 11 -11 -77	
SOUTH CENTRAL.									
Houston, Tex.....	41.1	23.00	$\frac{1}{2}$	(⁸)	8 - 8 -56	39.3	22.00	8 - 8 -56	

¹ Actual rate, in cents, per hour.

² Actual rate, in cents, per hour for Sundays; New Year's Day, July 4, Labor Day, Thanksgiving, and Christmas off, with pay; if work is performed on these days, 50 cents per hour additional is paid; for other holidays, 50 cents per hour.

³ Allowed 1 week off each year, with pay.

⁴ Allowed 1 day off each month, with pay.

⁵ Allowed 10 days off each year, with pay.

⁶ Allowed 2 days off each month, with pay.

⁷ Allowed 2 weeks off each year, with pay.

⁸ For holidays, time and one-half; for Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Floormen, bottle beer.....	31.3	15.00	¹ 50c.	1	8 - 8 - 48		29.2	14.00	8 - 8 - 48
Floormen, brewery.....	39.6	19.00	¹ 50c.	¹ 50c.	8 - 8 - 48				
Buffalo, N. Y.: Pitch yardmen.....	40.6	19.50	¹ 50c.	¹ 50c.	² 8 - 8 - 48		38.5	18.50	8 - 8 - 48
Fall River, Mass.: Grain dryers.....	26.0	12.50	¹ 50c.	¹ 50c.	8 - 8 - 48		(⁹)	(⁹)	(⁹)
Newark, N. J.: Shipping-room men.....	43.8	21.00	$\frac{1}{2}$	$\frac{1}{2}$	⁵ 8 - 8 - 48		39.6	19.00	⁵ 8 - 8 - 48
Pittsburgh, Pa.:									
Pipe fitters.....	40.6	19.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Pipe fitters' helpers.....	36.5	17.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Rochester, N. Y.:									
Grain dryers.....	41.7	20.00	¹ 50c.	⁵ 50c.	⁷ 8 - 8 - 48		39.6	19.00	8 - 8 - 48
Pitch yardmen.....	37.6	19.00	¹ 50c.	⁵ 50c.	⁷ 8 - 8 - 48		37.5	18.00	8 - 8 - 48
Water tenders, boiler.....	42.7	20.50	$\frac{1}{2}$	²	8 - 8 - 48				
Scranton, Pa.:									
Ashmen.....	33.3	16.00	$\frac{1}{2}$	²	8 - 8 - 48				
Grain dryers.....	33.3	16.00	$\frac{1}{2}$	²	8 - 8 - 48				
Grain dryers, first.....	37.5	18.00	$\frac{1}{2}$	²	8 - 8 - 48				
SOUTH ATLANTIC.									
Baltimore, Md.:									
Floormen, bottle beer.....	27.1	13.00	¹ 35c.	¹ 35c.	8 - 8 - 48		24.1	13.00	9 - 9 - 54
Grain dryers.....	26.8	15.00	¹ 50c.	1	8 - 8 - 56				
NORTH CENTRAL.									
Chicago, Ill.: Pitch yardmen.....	47.9	23.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Columbus, Ohio:									
Ammonia tenders.....	35.7	20.00	1	1	¹⁰ 8 - 8 - 56				
Dynamo tenders.....	35.7	20.00	1	1	¹⁰ 8 - 8 - 56				
Kansas City, Mo.:									
Beer inspectors.....	27.1	13.00	$\frac{1}{2}$	(¹¹)	8 - 8 - 48				
Pitch yardmen.....	47.9	23.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Milwaukee, Wis.:									
Grain dryers.....	37.5	18.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Pitch yardmen.....	38.5	18.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48				
Peoria, Ill.: Ash wheelers.....	30.0	16.80	1	1	8 - 8 - 56		27.5	15.40	8 - 8 - 56
SOUTH CENTRAL.									
Dallas, Tex.: Grain dryers.....	45.8	22.00	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Houston, Tex.:									
Coil and faucet men.....	46.9	22.50	$\frac{1}{2}$	$\frac{1}{2}$	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Condenser men.....	41.1	23.00	$\frac{1}{2}$	¹² 1	8 - 8 - 56		38.4	21.50	8 - 8 - 56

¹ Actual rate, in cents, per hour.

² 40 hours per week, December to March, inclusive.

³ No scale on May 1, 1915.

⁴ For Sundays and Labor Day; for other holidays, regular rate.

⁵ 40 hours per week, October to March, inclusive.

⁶ Actual rate, in cents, per hour for Sundays; holidays off, with pay.

⁷ 40 hours per week, January to March, inclusive.

⁸ For holidays; do not work on Sundays.

⁹ For Sundays; holidays off, with pay.

¹⁰ Allowed 1 day off each month, with pay.

¹¹ For Sundays, double time; for holidays, time and one-half.

¹² For Labor Day, time and a half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BREWERY AND BOTTLING-HOUSE WORKMEN—Concluded.
MISCELLANEOUS OCCUPATIONS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Houston, Tex.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Pipe fitters.....	59.4	28.50	1½	1½	8 - 8 -48		56.3	27.00	8 - 8 -48
Platform men.....	37.5	21.00	1½	1	8 - 8 -56		31.7	20.00	9 - 9 -63
Stampers.....	52.1	25.00	1½	1½	8 - 8 -48		50.0	24.00	8 - 8 -48
Louisville, Ky.: Platform men.....	35.4	17.00	1½	1½	8 - 8 -48				
New Orleans, La.: Floormen.	23.1	12.50	1½	1½	9 - 9 -51				
WESTERN.									
Salt Lake City, Utah: Pump- men.....	45.8	22.00	1½	1½	8 - 8 -48				
Seattle, Wash.: Pumpmen ² .	37.5	18.00	1½	(³)	8 - 8 -48				

BUILDING TRADES.
ASBESTOS WORKERS.

NORTH ATLANTIC.									
Boston, Mass.....	50.0	22.00	2	2	8 - 4 -44	12			
Buffalo, N. Y.....	50.0	24.00	4 1½	2	8 - 8 -48				
Newark, N. J.....	59.4	26.13	2	2	8 - 4 -44	12			
New York, N. Y.....	59.4	26.13	2	2	8 - 4 -44	12			
Philadelphia, Pa.....	50.0	22.00	5 1½	6 2	8 - 4 -44	12	46.9	20.63	8 - 4 -44
Pittsburgh, Pa.....	756.3	24.75	1½	8 2	8 - 4 -44	12			
Providence, R. I.....	50.0	22.00	2	2	8 - 4 -44	12			
Rochester, N. Y.....	940.6	17.88	1½	2	8 - 4 -44	12			
SOUTH ATLANTIC.									
Baltimore, Md.....	50.0	24.00	1½	6 2	8 - 8 -48				
Washington, D. C.....	1950.0	24.00	1½	6 2	8 - 8 -48				
NORTH CENTRAL.									
Chicago, Ill.....	67.5	29.70	1½	6 2	8 - 4 -44	12			
Cincinnati, Ohio.....	55.0	24.29	1½	2	8 - 4 -44	12	52.5	23.10	8 - 4 -44
Cleveland, Ohio.....	147.5	22.80	1½	2	11 8 - 8 -48	3			
Detroit, Mich.....	1247.5	22.80	1½	2	13 8 - 8 -48	3	45.0	21.60	13 8 - 8 -48
Grand Rapids, Mich.....	45.0	19.80	4 1½	6 2	8 - 4 -44	12	(¹⁴)	(¹⁴)	(¹⁴)

¹ For Labor Day, time and a half.

² "Near beer."

³ For Sundays, double time; for holidays, time and one-half.

⁴ Double time after midnight.

⁵ Double time after 10 p. m. and on Saturday afternoon.

⁶ For Labor Day, hourly rate multiplied by 3.

⁷ Scale became 59.4 cents on Dec. 1, 1916.

⁸ And on Saturday afternoons.

⁹ Scale became 46.9 cents on June 1, 1916.

¹⁰ Scale became 53.1 cents on Oct. 1, 1916.

¹¹ Scale became 53.8 cents and 44 hours on June 19, 1916.

¹² Scale became 50 cents on Aug. 1, 1916.

¹³ 44 hours, June to August, inclusive.

¹⁴ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

ASBESTOS WORKERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Kansas City, Mo.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Milwaukee, Wis.....	55.0	24.20	1 1/2	2 ²	8 - 4 - 44	12	(³)	(³)	(³)
Minneapolis, Minn.....	55.0	24.20	1 1/2	2	8 - 4 - 44	12			
Omaha, Nebr.....	50.0	22.00	1 1/2	2	8 - 4 - 44	12			
St. Louis, Mo.....	67.5	29.70	1 1/2	1 1/2	8 - 4 - 44	12			
St. Paul, Minn.....	55.0	24.20	1 1/2	2	8 - 4 - 44	12			
WESTERN.									
Portland, Oreg.....	50.0	22.00	1 1/2	2	8 - 4 - 44	12			
San Francisco, Cal.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44
Seattle, Wash.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12	54.7	24.06	8 - 4 - 44

BRICKLAYERS.

NORTH ATLANTIC.									
Boston, Mass.....	⁴ 65.0	28.60	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	⁵ 60.0	26.40	2	2	8 - 4 - 44	12			
Buffalo, N. Y.....	65.0	⁶ 31.20	1 1/2	⁷ 2	⁶ 8 - 8 - 48	3			
Fall River, Mass.....	60.0	26.40	1 1/2	1 1/2	8 - 4 - 44	12	63.0	28.80	8 - 8 - 48
Manchester, N. H.....	80.0	26.40	1 1/2	2	8 - 4 - 44	12			
Newark, N. J.....	70.0	30.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
New Haven, Conn.....	80.0	26.40	2	2	8 - 4 - 44	12			
New York, N. Y.....	75.0	33.00	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	⁸ 65.0	26.60	⁹ 2	⁹ 2	8 - 4 - 44	12			
Pittsburgh, Pa.....	¹⁰ 70.0	30.80	1 1/2	2	8 - 4 - 44	12			
Providence, R. I.....	65.0	26.60	1 1/2	2 ²	8 - 4 - 44	12			
Rochester, N. Y.....	67.5	29.70	¹¹ 1 1/2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Scranton, Pa.....	65.0	26.60	1 1/2	2	¹² 8 - 4 - 44	5	60.0	26.40	¹² 8 - 4 - 44
Worcester, Mass.....	65.0	26.60	1 1/2	2	8 - 4 - 44	12			

¹ Double time after midnight.

² And on Saturday afternoon.

³ Not organized May 1, 1915.

⁴ Scale became 70 cents on June 1, 1916.

⁵ Scale became 65 cents on July 1, 1916.

⁶ 44 hours and \$28.60 per week, June to August, inclusive.

⁷ And on Saturday afternoon, June to August, inclusive.

⁸ Scale became 70 cents on August 1, 1916.

⁹ On new work; on repair work, time and a half.

¹⁰ Scale became 75 cents on June 1, 1916.

¹¹ Double time after 7 p. m.

¹² 48 hours per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

BRICKLAYERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		
	Rate of wages—						Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Atlanta, Ga.....	50.0	25.00	1½	2	19-5-50	5	45.0	22.50	
Baltimore, Md.....	70.0	31.50	1½	3/2	28-5-45	12			
Charleston, S. C.....	40.0	21.60	1½	2	49-8-53				
Jacksonville, Fla.....	62.5	30.00	1½	2	8-8-48				
Richmond, Va.....	85.0	29.25	5 1/2	6/2	78-5-45	12			
Washington, D. C.....	70.0	31.50	1½	3/2	98-5-45	12	66.7	30.00	
								98-5-45	
NORTH CENTRAL.									
Chicago, Ill.....	75.0	33.00	1½	2	8-4-44	12			
Fire proofing.....	77.5	34.10	1½	2	8-4-44	12			
Cincinnati, Ohio.....	70.0	31.50	1½	3/2	8-5-45	12			
Cleveland, Ohio.....	70.0	30.80	1½	3/2	8-4-44	5			
Columbus, Ohio.....	75.0	33.00	1½	3/2	8-4-44	12	70.0	30.80	
Detroit, Mich.....	70.0	30.80	1½	2	108-4-44	9	65.0	31.80	
Grand Rapids, Mich.....	65.0	28.60	1½	2	8-4-44	12		8-4-44	
Indianapolis, Ind.....	75.0	33.00	12 1/2	2	8-4-44	12		118-4-44	
Kansas City, Mo.....	75.0	33.00	13 1/2	2	8-4-44	12			
Milwaukee, Wis.....	67.5	29.70	2	11/2	8-4-44	12			
Minneapolis, Minn.....	70.0	30.80	1½	2	8-4-44	12	70.0	33.60	
Omaha, Nebr.....	75.0	33.00	2	2	8-4-44	12	70.0	30.80	
Peoria, Ill.....	75.0	33.00	2	2	8-4-44	12		8-8-48	
St. Louis, Mo.....	75.0	33.00	2	2	8-4-44	12		8-4-44	
St. Paul, Minn.....	70.0	30.80	1½	2	8-4-44	12	70.0	33.60	
								8-8-18	
SOUTH CENTRAL.									
Birmingham, Ala.....	70.0	30.80	1½	2	8-4-44	12			
Dallas, Tex.....	87.5	38.50	1½	3/2	8-4-44	12			
Houston, Tex.....	87.5	38.50	2	2	8-4-44	12			
Little Rock, Ark.....	75.0	33.00	1½	2	168-4-44	5			
Louisville, Ky.....	65.0	28.60	1½	2	8-4-44	12			
Memphis, Tenn.....	75.0	33.00	1½	3/2	8-4-44	12			
New Orleans, La.....	62.5	27.50	1½	2	8-4-44	12			
WESTERN.									
Denver, Colo.....	87.5	33.50	1½	2	8-4-44	12	75.0	33.00	
Los Angeles, Cal.....	62.5	27.50	1½	2	8-4-44	12	75.0	33.00	
Portland, Oreg.....	75.0	33.00	1½	(7)	8-4-44	12			
Salt Lake City, Utah.....	89.0	35.20	1½	2	8-4-44	12			
San Francisco, Cal.....	87.5	38.50	2	2	8-4-44	12			
Seattle, Wash.....	75.0	33.00	1½	3/2	8-4-44	12			
Spokane, Wash.....	75.0	33.00	1½	3/2	8-4-44	12			

1 54 hours and \$27 per week, October to April, inclusive.
 2 44 hours and \$30.80 per week, November to March, inclusive.
 3 And on Saturday afternoon.
 4 Work 53 hours, paid for 54.
 5 Double time after midnight.
 6 For Sundays, July 4, and Christmas; for other holidays, time and one-half.
 7 44½ hours per week, December to February, inclusive.
 8 For Sundays; work on holidays prohibited.
 9 44½ hours per week, October to April, inclusive.
 10 48 hours and \$33.60 per week, December to February, inclusive.
 11 43 hours and \$31.20 per week, November to April, inclusive.
 12 Double time after 7 p. m., and on Saturday afternoon.
 13 On new work; on repair work, double time.
 14 Work on Saturday afternoon prohibited.
 15 Scale became 72.5 cents on June 1, 1916.
 16 48 hours and \$36 per week, October to April, inclusive.
 17 For holidays, double time; for Sundays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

BRICKLAYERS: Sewer, tunnel, and caisson work.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	¹ 70.0	30.80	2	2	8 - 4 - 44	12			
New Haven, Conn.....	68.8	30.25	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	² 70.0	30.80	³ 2	³ 2	8 - 4 - 44	12			
Providence, R. I.....	75.0	33.00	1½	4	8 - 4 - 44	12			
Rochester, N. Y.....	75.0	33.00	6 1½	2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.....	125.0	55.00	1½	2	8 - 4 - 44	12			
Cleveland, Ohio.....	100.0	44.00	1½	4	8 - 4 - 44	4	100.0	6 44.00	6 8 - 4 - 44
Detroit, Mich.....	75.0	33.00	1½	2	7 8 - 4 - 44	6			
Milwaukee, Wis.....	100.0	44.00	2	⁸ 2	8 - 4 - 44	12			
Omaha, Nebr.....	100.0	44.00	2	2	8 - 4 - 44	12			
St. Louis, Mo.....	100.0	44.00	2	2	8 - 4 - 44	12			
SOUTH CENTRAL.									
Houston, Tex.....	100.0	44.00	2	2	8 - 4 - 44	12			
WESTERN.									
Seattle, Wash.....	87.5	38.50	1½	4	8 - 4 - 44	12			

BUILDING LABORERS.

NORTH ATLANTIC.									
Boston, Mass.....	⁹ 35.0	16.80	1½	2	8 - 8 - 48				
New York, N. Y.:									
Building work, Manhattan and Bronx.....	38.0	16.72	2	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
Building work, Brooklyn, Queens, and Richmond.....	¹⁰ 31.9	14.08	1	1½	8 - 4 - 44	12	30.0	13.20	8 - 4 - 44
Excavating.....	25.0	12.00	(¹¹)	2	8 - 8 - 48				
Plumbing work.....	43.8	21.00	2	2	8 - 8 - 48				
Pittsburgh, Pa.:									
Excavating.....	30.0	14.40	1½	2	8 - 8 - 48		25.0	13.50	9 - 9 - 54
Plumbing work.....	37.5	18.00	¹² 1½	2	8 - 8 - 48		31.3	15.00	8 - 8 - 48
Providence, R. I.....	25.0	12.50	1½	2	9 - 5 - 50	12			
Rochester, N. Y.:									
Excavating.....	28.0	13.44	¹³ 33c.	2	8 - 8 - 48				
Plumbing work.....	32.0	14.08	1½	2	8 - 4 - 44	12	30.0	13.20	8 - 4 - 44

¹ Scale became 75 cents on June 1, 1916.

² Scale became 75 cents on August 1, 1916.

³ On new work; on repair work, time and one-half.

⁴ And on Saturday afternoon.

⁵ Double time after 7 p. m.

⁶ 48 hours and \$48 per week, September to April, inclusive.

⁷ 48 hours and \$36 per week, December to February, inclusive.

⁸ Work on Saturday afternoon prohibited.

⁹ Scale became 40 cents on June 23, 1916.

¹⁰ Scale became 35 cents on Sept. 1, 1916.

¹¹ Overtime work prohibited.

¹² Double time after midnight and after 4 p. m. on Saturday.

¹³ Actual rate for first hour; time and one-half thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

BUILDING LABORERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rates of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Seranton, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Building work.....	30.0	14.40	1½	2	8 - 8 - 48		22.5	12.15	9 - 9 - 54
Excavating.....	27.5	14.85	1½	1½	9 - 9 - 54		25.0	13.50	9 - 9 - 54
SOUTH ATLANTIC.									
Washington, D. C.:									
Building work.....	25.0	12.00	1½	2	8 - 8 - 48				
Plumbing work.....	31.3	15.00	2	2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
Excavating, scaffolding, shoring, etc.....	42.5	18.70	1½	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Tunnel, well, and caisson work.....	62.5	27.50	1½	2	8 - 4 - 44	12	57.5	25.30	8 - 4 - 44
Windlass, trench, and scaf- fold work.....	55.0	24.20	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Plumbing work.....	42.5	18.70	1½	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Cincinnati, Ohio.....	25.0	12.50	1½	2	9 - 5 - 50	12			
Cleveland, Ohio.....	31.3	15.00	1½	2	8 - 8 - 48				
Detroit, Mich.....	30.0	16.20	1½	2	9 - 9 - 54				
Grand Rapids, Mich.: Excavating.....	25.0	13.50	1	1	9 - 9 - 54				
Kansas City, Mo.:									
Building work.....	35.0	16.80	1½	2	8 - 8 - 48				
Plumbing work.....	37.5	18.00	1½	2	8 - 8 - 48				
Omaha, Nebr.....	30.0	13.20	1½	1½	8 - 4 - 44		(²)	(²)	(²)
Peoria, Ill.....	34.4	15.13	2	2	8 - 4 - 44	12			
St. Louis, Mo.....	25.0	11.00	1½	2	8 - 4 - 44	12			
SOUTH CENTRAL.									
Dallas, Tex.....	37.5	16.50	1½	2	8 - 4 - 44	12	(²)	(²)	(²)
Houston, Tex.....	25.0	11.00	1½	2	8 - 4 - 44	12			
Louisville, Ky.....	22.2	12.00	7 1½	2	9 - 9 - 54				
WESTERN.									
Denver, Colo.....	37.5	16.50	1½	2	8 - 4 - 44		(⁸)	(⁸)	(⁸)
Los Angeles, Cal.....	34.4	15.13	1½	2	8 - 4 - 44	12			
Portland, Oreg.....	37.5	18.00	1½	1½	8 - 8 - 48				
San Francisco, Cal.:									
Building work.....	31.3	15.00	2	2	8 - 8 - 48				
Excavating.....	27.8	15.00	2	2	9 - 9 - 54				
Patent chimney work.....	37.5	16.50	2	2	8 - 4 - 44	12			

1 Double time after midnight.
 2 Scale became 35 cents on May 19, 1916.
 3 Scale became 37.5 cents on July 1, 1916.
 4 Scale became 40 cents on June 1, 1916.
 5 Not organized, May 1, 1915.
 6 Scale became 30 cents on May 19, 1916.
 7 Double time after 7 p. m.
 8 No scale on May 1, 1915.
 9 Scale became 37.5 cents on August 7, 1916.
 10 Scale became 37.5 cents and 48 hours on August 7, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

BUILDING LABORERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
WESTERN—concluded.									
Seattle, Wash.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Building work.....	37.5	16.50	1½	2	8 - 8 - 44	12			
Tunnel and caisson work.....	50.0	24.00	1½	2	8 - 8 - 48				
Tunnel and caisson work (under air pressure).....	62.5	30.00	1½	2	8 - 8 - 48				
Spokane, Wash.....	37.5	18.00	2	2	8 - 8 - 48				

CARPENTERS.

NORTH ATLANTIC.									
Boston, Mass.....	¹ 57.0	25.08	2	2	18 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Bridgeport, Conn.....	53.1	23.38	² 1½	2	8 - 4 - 44	12	46.9	20.63	8 - 4 - 44
Buffalo, N. Y.....	³ 50.0	⁴ 24.00	1½	2	48 - 8 - 48	3			
Fall River, Mass.....	48.0	21.12	1½	2	8 - 4 - 44	12	44.0	19.36	8 - 4 - 44
Manchester, N. H.....	⁵ 40.0	19.20	1½	2	8 - 8 - 48				
Newark, N. J.....	50.3	24.75	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
New Haven, Conn.....	50.0	22.00	⁶ 1½	2	8 - 4 - 44	12			
New York, N. Y.:									
Outside, Manhattan.....	⁷ 62.5	27.50	2	2	8 - 4 - 44	12			
Inside benchmen, Man- hattan.....	⁸ 50.0	22.00	2	2	8 - 4 - 44	12			
Outside, Brooklyn, Bronx, and Queens.....	⁹ 56.3	24.75	2	2	8 - 4 - 44	12			
Outside, Richmond.....	⁸ 50.0	22.00	2	2	8 - 4 - 44	12			
Inside benchmen, Brook- lyn, Bronx, Queens, and Richmond.....	⁸ 50.0	22.00	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	55.0	24.20	¹⁰ 1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	62.5	27.50	1½	11 2	8 - 4 - 44	12			
Providence, R. I.....	50.0	22.00	2	2	8 - 4 - 44	12			
Rochester, N. Y.....	53.1	23.38	² 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Sarantou, Pa.....	50.0	22.00	1½	¹² 2	8 - 4 - 44	1	47.5	22.80	8 - 8 - 48
Worcester, Mass.....	¹³ 47.8	21.01	¹⁴ 1½	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	40.0	20.00	1½	2	9 - 5 - 50	12			
Baltimore, Md.....	¹⁵ 43.8	¹⁶ 19.25	1½	11 2	¹⁶ 8 - 4 - 44	7			

¹ 60 cents per hour and 40 hours per week, June to September, inclusive.

² Double time after midnight.

³ Scale became 55 cents on Sept. 1, 1916.

⁴ 44 hours and \$22 per week, June to August, inclusive.

⁵ Scale became 44 cents and 44 hours on June 5, 1916.

⁶ Double time after midnight and on Saturday afternoon.

⁷ Scale became 65.6 cents on July 1, 1916, and 58.8 cents on Sept. 1, 1916.

⁸ Scale became 53.1 cents on July 1, 1916, and 53.3 cents on Sept. 1, 1916.

⁹ Scale became 59.4 cents on July 1, 1916, and 62.5 cents on Sept. 1, 1916.

¹⁰ Double time after 10 p. m. and after 5 p. m. on Saturday.

¹¹ And on Saturday afternoon.

¹² And after 5 p. m. on Saturday.

¹³ Scale became 52 cents on June 1, 1916.

¹⁴ Double time after 9 p. m.

¹⁵ Scale became 50 cents on July 1, 1916.

¹⁶ 48 hours and \$21 per week, November to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

CARPENTERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
SOUTH ATLANTIC—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Charleston, S. C.	33.3	18.00	1½	2	19 - 8 - 53				
Jacksonville, Fla.	37.5	18.00	1½	2	8 - 8 - 48				
Richmond, Va.	37.5	18.00	1½	2	8 - 8 - 48				
Washington, D. C.	55.0	24.48	1½	2	8 - 4½ - 44½	12			
NORTH CENTRAL.									
Chicago, Ill.	70.0	30.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Cincinnati, Ohio.	60.0	26.70	1½	3/2	8 - 4½ - 44½	12	55.0	24.48	8 - 4½ - 44½
Cleveland, Ohio.	60.0	26.40	1½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Columbus, Ohio.	55.0	24.20	1½	2	8 - 4 - 44		50.0	24.00	8 - 8 - 48
Detroit, Mich.	50.0	22.00	1½	2	8 - 4 - 44	12	(?)	(?)	(?)
Grand Rapids, Mich.	45.0	21.60	1½	2	8 - 8 - 48		40.0	19.20	8 - 8 - 48
Indianapolis, Ind.	55.0	24.20	1½	3/2	8 - 4 - 44	12			
Kansas City, Mo.	65.0	28.60	1½	3/2	8 - 4 - 44	12			
Milwaukee, Wis.	50.0	22.00	1½	2	8 - 4 - 44	12			
Minneapolis, Minn.	50.0	24.00	1½	2	8 - 8 - 48				
Omaha, Nebr.	50.0	22.00	1½	2	8 - 4 - 44	12			
Peoria, Ill.	60.0	26.40	1½	3/2	8 - 4 - 44	12			
St. Louis, Mo.	62.5	27.50	2	2	8 - 4 - 44	12			
St. Paul, Minn.	50.0	24.00	1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.	45.0	21.60	1½	2	8 - 8 - 48				
Dallas, Tex.	60.0	26.40	1½	2	8 - 4 - 44	12			
Houston, Tex.	56.3	24.75	1½	3/2	8 - 4 - 44	12			
Floor dressing.	75.0	33.00	1½	3/2	8 - 4 - 44	12			
Little Rock, Ark.	50.0	22.00	1½	2	8 - 4 - 44	4	50.0	24.00	8 - 8 - 48
Louisville, Ky.	45.0	19.80	1½	2	8 - 4 - 44	12			
Memphis, Tenn.	50.0	22.00	1½	2	8 - 4 - 44	12			
New Orleans, La.	40.0	19.20	1½	2	8 - 8 - 48				
WESTERN.									
Denver, Colo.	60.0	26.40	1½	1½	8 - 4 - 44	12			
Los Angeles, Cal.	50.0	24.00	1½	1½	8 - 8 - 48				
Portland, Oreg.	50.0	22.00	1½	2	8 - 4 - 44	12			
Salt Lake City, Utah.	62.5	27.50	1½	1½	8 - 4 - 44	12			
San Francisco, Cal.	62.5	27.50	2	2	8 - 4 - 44	12			
Stair builders.	68.8	30.25	2	2	8 - 4 - 44	12			
Seattle, Wash.	56.3	24.75	2	3/2	8 - 4 - 44	12			
Spokane, Wash.	56.3	24.75	1½	3/2	8 - 4 - 44	12			

1 Work 53 hours, paid for 54.
 2 Scale became 62.5 cents on August 1, 1916.
 3 And on Saturday afternoon.
 4 Double time after midnight and on Saturday afternoon.
 5 Scale became 55 cents on June 1, 1916.
 6 Double time after 8 p. m.
 7 No scale on May 1, 1915.
 8 Scale became 55 cents on Aug. 1, 1916, and 57.5 cents on Nov. 1, 1916.
 9 Work on Saturday afternoon prohibited.
 10 Double time after 10 p. m.
 11 Scale became 65 cents on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

CARPENTERS: Millwrights.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—				Hours— Full days; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Buffalo, N. Y.....	60.0	28.80	1½	2	8 - 8 -48	12			
Newark, N. J.....	56.3	24.75	2	2	8 - 4 -44		50.0	22.00	8 - 4 -44
SOUTH CENTRAL.									
Dallas, Tex.....	62.5	27.50	1½	2	8 - 4 -44	12			
Memphis, Tenn.....	50.0	30.00	1½	2	10 -10 -60				
WESTERN.									
San Francisco, Cal.:									
Inside.....	62.5	30.00	2	2	8 - 8 -48	12			
Outside.....	62.5	27.50	2	2	8 - 4 -44				

CARPENTERS: Parquetry-floor layers.

NORTH ATLANTIC.									
Boston, Mass.....	57.0	25.08	2	2	8 - 4 -44	12	55.0	24.20	8 - 4 -44
NORTH CENTRAL.									
Cleveland, Ohio.....	62.5	27.50	1½	2	8 - 4 -44	12			
Minneapolis, Minn.....	55.0	26.40	1½	2	8 - 8 -48				
SOUTH CENTRAL.									
Dallas, Tex.....	72.5	31.90	2½	2	8 - 4 -44	12			
New Orleans, La.....	50.0	24.00	1½	2	8 - 8 -48				
WESTERN.									
Los Angeles, Cal.....	56.3	27.00	1½	1½	8 - 8 -48				

CEMENT WORKERS: Finishers.

NORTH ATLANTIC.									
Boston, Mass.....	62.5	27.50	2	2	8 - 4 -44	12			
Buffalo, N. Y.....	50.0	24.00	1½	2	8 - 8 -48				
Newark, N. J.....	70.0	30.80	2	2	8 - 4 -44	12	65.0	28.60	8 - 4 -44
New Haven, Conn.....	60.0	26.40	2	2	8 - 4 -44		1	(4)	(4)	(4)
New York, N. Y.....	62.5	27.50	2	2	8 - 4 -44	12			
Philadelphia, Pa.....	50.0	22.00	6½	2	8 - 4 -44		8		
Pittsburgh, Pa.....	50.0	22.00	1½	2	8 - 4 -44	12	50.0	21.00	8 - 8 -48
Providence, R. I.....	62.5	27.50	1½	2	8 - 4 -44		12	50.0	22.00	8 - 4 -44
Rochester, N. Y.....	67.5	29.70	1½	2	8 - 4 -44	12	65.0	28.60	8 - 4 -44

¹ Double time after midnight and on Saturday afternoon.

² 60 cents per hour and 40 hours per week, June to September, inclusive.

³ Double time after midnight and on Saturday afternoon.

⁴ Not organized on May 1, 1915.

⁵ Scale became 66.3 cents on October 1, 1916.

⁶ Double time after 10 p. m., and after 5 p. m. on Saturday.

⁷ Scale became 56.3 on October 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

CEMENT WORKERS: Finishers—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Baltimore, Md.....	Cents. 50.0	Dolls. 24.00	1½	2	8 - 8 - 48		Cents. (1)	Dolls. (1)	(1)
Washington, D. C.....	262.5	27.50	2	2	8 - 4 - 44	4	(2)	(3)	(3)
NORTH CENTRAL.									
Chicago, Ill.....	65.0	28.60	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.....	50.0	25.00	1½	2	9 - 5 - 50	12			
Cleveland, Ohio.....	60.0	26.40	2	2	8 - 4 - 44	12	60.0	28.80	8 - 8 - 48
Composition and rock as- phalt work.....	60.0	26.40	2	2	8 - 4 - 44	12	55.0	26.40	8 - 8 - 48
Detroit, Mich.....	450.0	27.00	1½	2	9 - 9 - 54	12			
Indianapolis, Ind.....	57.5	28.75	1½	2	9 - 5 - 50	12			
Kansas City, Mo.....	65.0	28.60	1½	2	8 - 4 - 44	12			
Milwaukee, Wis.....	45.0	21.60	1½	2	8 - 8 - 48				
Minneapolis, Minn.....	50.0	24.00	1½	2	8 - 8 - 48				
Omaha, Nebr.....	62.5	27.50	1½	6 2	8 - 4 - 44	12			
St. Louis, Mo.....	62.5	27.50	1½	6 2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44
Composition work.....	65.0	28.60	1½	6 2	8 - 4 - 44	12			
St. Paul, Minn.....	60.0	28.80	1½	2	8 - 8 - 48		55.0	26.40	8 - 8 - 48
SOUTH CENTRAL.									
Dallas, Tex.....	62.5	30.00	1½	2	8 - 8 - 48				
Houston, Tex.....	62.5	27.50	1½	1½	8 - 4 - 44	12			
Little Rock, Ark.....	55.6	30.00	1½	2	9 - 9 - 54				
Louisville, Ky.....	45.0	27.00	1½	2	10 - 10 - 60				
WESTERN.									
Los Angeles, Cal.....	62.5	30.00	1½	2	8 - 8 - 48				
Portland, Oreg.....	62.5	30.00	1½	2	8 - 8 - 48	7			
Salt Lake City, Utah.....	62.5	30.00	1½	1½	8 - 8 - 48				
San Francisco, Cal.....	75.0	33.00	2	2	8 - 4 - 44				
Seattle, Wash.....	62.5	30.00	1½	2	8 - 8 - 48				
Spokane, Wash.....	75.0	36.00	1½	2	8 - 8 - 48				

CEMENT WORKERS: Finishers' helpers.

NORTH ATLANTIC.									
	Cts.	Dolls.					Cts.	Dolls.	
Newark, N. J.....	37.5	16.50	2	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
New York, N. Y.....	37.5	16.50	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	30.0	13.20	1½	2	8 - 4 - 44		30.0	14.40	8 - 8 - 48
Providence, R. I.....	40.0	17.60	1½	2	8 - 4 - 44	12	34.5	15.18	8 - 4 - 44

1 Not organized on May 1, 1915.
 2 Scale became 70 cents on Sept. 1, 1916.
 3 No scale on May 1, 1915.
 4 Scale became 55 cents and 48 hours on June 15, 1916.
 5 Scale became 55 cents on June 1, 1916.
 6 And after 5 p. m. on Saturday.
 7 Scale became 44 hours on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

CEMENT WORKERS: Finishers' helpers—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.....	150.0	22.00	1½	2	8 - 4 -44	12			
Cleveland, Ohio.....	40.0	17.60	2	2	8 - 4 -44	6	35.0	16.80	8 - 8 -48
Detroit, Mich.....	35.0	18.90	1½	2	8 - 9 -54				
Kansas City, Mo.....	50.0	22.00	1½	2	8 - 4 -44	12			
Milwaukee, Wis.....	35.0	16.80	1½	2	8 - 8 -48				
SOUTH CENTRAL.									
Dallas, Tex.....	45.0	21.60	1½	2	8 - 8 -48				
WESTERN.									
Salt Lake City, Utah.....	50.0	24.00	1½	1½	8 - 8 -48				
San Francisco, Cal.....	62.5	27.50	2	2	8 - 4 -44				

CEMENT WORKERS: Laborers.

NORTH ATLANTIC.									
Boston, Mass.....	35.0	15.40	1½	2	8 - 4 -44	12			
NORTH CENTRAL.									
Chicago, Ill.....	42.5	18.70	1½	2	8 - 4 -44	12	40.0	17.60	8 - 4 -44
Milwaukee, Wis.....	30.0	14.40	1½	2	8 - 8 -48				
St. Louis, Mo.....	40.0	17.60	1½	2	8 - 4 -44	12			
WESTERN.									
Los Angeles, Cal.....	37.5	18.00	1½	2	8 - 8 -48				
San Francisco, Cal.....	50.0	22.00	2	2	8 - 4 -44	12			
Spokane, Wash.....	43.8	21.00	2	2	8 - 8 -48				

COMPOSITION ROOFERS.

NORTH ATLANTIC.									
Boston, Mass.....	55.0	24.20	2	2	8 - 4 -44	12			
Ladle men.....	50.0	22.00	2	2	8 - 4 -44	12			
Paper layers.....	43.8	19.25	2	2	8 - 4 -44	12			
Buffalo, N. Y.....	37.5	18.00	1½	2	8 - 8 -48				
Newark, N. J.....	55.0	24.20	2	2	8 - 4 -44	12	50.0	22.00	8 - 4 -44
New York, N. Y.....	43.8	19.25	2	2	8 - 4 -44	12			
Philadelphia, Pa.....	36.3	15.99	1½	2	8 - 4 -44		(^b)	(^c)	(^d)

¹ Scale became 52.5 cents on June 1, 1916.

² 44 hours and \$15.40 per week, June to September, inclusive.

³ Scale became 48 hours on June 15, 1916.

⁴ Double time after 5 p. m. on Saturday.

⁵ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

COMPOSITION ROOFERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half hol- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Mop men.....	40.0	19.20	1½	2	8 - 8 - 48				
Paper runners.....	35.0	16.80	1½	2	8 - 8 - 48				
Kettle men.....	31.1	16.80	1½	2	9 - 9 - 54				
Rochester, N. Y.....	43.8	19.25	1½	2	8 - 4 - 44	12			
Seranton, Pa.:									
First men or foremen.....	40.6	19.50	1½	2	8 - 8 - 48		(1)	(1)	(1)
Second men.....	34.4	16.50	1½	2	8 - 8 - 48		22.2	12.00	9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.....	65.0	31.20	1½	2 2	8 - 8 - 48				
Foremen.....	75.0	36.00	1½	2 2	8 - 8 - 48				
Cincinnati, Ohio.....	37.5	18.00	1½	2	8 - 8 - 48				
Mop men.....	47.5	22.80	1½	2	8 - 8 - 48				
Cleveland, Ohio.....	45.0	21.60	1½	3 2	8 - 8 - 48	3	35.0	16.80	8 - 8 - 48
Kansas City, Mo.....	45.0	21.60	1½	2	8 - 8 - 48				
Milwaukee, Wis.....	55.0	24.20	1½	2	8 - 4 - 44	12			
St. Louis, Mo.....	60.0	26.40	1½	2	8 - 4 - 44	12			
WESTERN.									
Los Angeles, Cal.....	50.0	24.00	1	1	8 - 8 - 48				
San Francisco, Cal.....	75.0	33.00	1½	2	8 - 4 - 44	12			
Seattle, Wash.....	50.0	24.00	1½	2	8 - 8 - 48				

COMPOSITION ROOFERS' HELPERS.

NORTH ATLANTIC.									
Boston, Mass.....	37.5	16.50	2	2	8 - 4 - 44	12			
Newark, N. J.....	45.0	19.80	2	2	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44
Philadelphia, Pa.....	33.0	14.52	1½	2	8 - 4 - 44		(1)	(1)	(1)
Seranton, Pa.....	28.1	13.50	1½	2	8 - 8 - 48		16.7	9.00	9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.....	45.0	21.60	1½	2 2	8 - 8 - 48				
Cleveland, Ohio.....	37.5	18.00	1½	3 2	8 - 8 - 48		(1)	(1)	(1)
Milwaukee, Wis.....	35.0	15.40	1½	2	8 - 4 - 44	12			

ELEVATOR CONSTRUCTORS.

NORTH ATLANTIC.									
Boston, Mass.....	65.0	28.60	2	2	8 - 4 - 44	12	62.5	27.50	8 - 1 - 14
Buffalo, N. Y.....	56.3	27.00	2	2	8 - 8 - 48	4	53.1	25.50	8 - 8 - 48
New York, N. Y.....	66.0	29.04	2	2	8 - 4 - 44	12			

¹ No scale on May 1, 1915.

² For Sundays; work on holidays prohibited.

³ For Labor Day, regular rate multiplied by 3.

⁴ Scale became 55 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

ELEVATOR CONSTRUCTORS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Philadelphia, Pa.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Providence, R. I.....	53.1	23.38	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Rochester, N. Y.....	56.3	24.75	3 1/2	1 1/2	2 8 - 4 - 44	5	53.1	23.38	4 8 - 4 - 44
SOUTH ATLANTIC.									
Atlanta, Ga.....	50.0	25.00	2	2	9 - 5 - 50	12			
Baltimore, Md.....	53.1	25.50	2	2	8 3/4 - 4 - 48	12			
Washington, D. C.....	62.5	27.50	2	2	6 8 - 4 - 44	5	57.5	25.30	7 8 - 4 - 44
NORTH CENTRAL.									
Chicago, Ill.....	70.0	30.80	2	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Cincinnati, Ohio.....	55.0	24.20	2	2	8 - 4 - 44	12	50.0	22.25	8 - 4 1/2 - 44 1/2
Cleveland, Ohio.....	62.5	27.50	2	2	6 8 - 4 - 44	6	60.0	26.40	9 8 - 4 - 44
Columbus, Ohio.....	56.3	22.70	1 1/2	1 1/2	10 8 - 8 - 48	3	53.3	22.60	11 8 - 8 - 48
Detroit, Mich.....	60.0	28.80	2	2	12 8 - 8 - 48	3			
Grand Rapids, Mich.....	55.0	26.40	13 1/2	18 1/2	8 - 8 - 48		45.0	21.60	8 - 8 - 48
Indianapolis, Ind.....	57.5	25.30	2	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Kansas City, Mo.....	65.6	31.50	2	2	8 - 8 - 48				
Milwaukee, Wis.....	47.5	20.90	14 1/2	2	8 - 4 - 44	12			
Minneapolis, Minn.....	56.3	24.75	2	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44
Omaha, Nebr.....	52.5	23.10	2	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
St. Louis, Mo.....	68.8	30.25	2	2	8 - 4 - 44	12	65.6	28.88	8 - 4 - 44
St. Paul, Minn.....	56.3	24.75	2	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44
SOUTH CENTRAL.									
Birmingham, Ala.....	55.0	24.20	1 1/2	2	8 - 4 - 44	12			
Dallas, Tex.....	50.0	24.00	2	2	15 8 - 8 - 48				
Houston, Tex.....	55.0	24.20	2	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	56.3	24.75	16 1/2	2	8 - 4 - 44	12			
Los Angeles, Cal.....	50.0	24.00	1 1/2	1 1/2	8 - 8 - 48				
Portland, Ore.....	62.5	30.00	2	2	8 - 8 - 48				
Salt Lake City, Utah.....	62.5	30.00	14 1/2	2	8 - 8 - 48				
San Francisco, Cal.....	62.5	30.00	2	2	8 - 8 - 48				
Seattle, Wash.....	56.3	24.75	2	2	8 - 4 - 44	12			

¹ Double time after 10 p. m. and on all repair work.

² 48 hours and \$27 per week, October to April, inclusive.

³ Double time after 10 p. m.

⁴ 48 hours and \$25.50 per week, October to April, inclusive.

⁵ Scale became 55 cents on June 1, 1916.

⁶ 48 hours and \$30 per week, October to April, inclusive.

⁷ 48 hours and \$27.60 per week, October to April, inclusive.

⁸ Scale became 60 cents on Nov. 1, 1916.

⁹ 48 hours and \$28.80 per week, October to March, inclusive.

¹⁰ 44 hours and \$21.75 per week, June to August, inclusive.

¹¹ 44 hours and \$23.47 per week, June to August, inclusive.

¹² Scale became 44 hours on June 1, 1916.

¹³ On new work; on repair work double time.

¹⁴ Double time after midnight.

¹⁵ Scale became 60 cents and 44 hours on June 1, 1916.

¹⁶ Double time after midnight and on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

ELEVATOR CONSTRUCTORS' HELPERS.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	42.5	18.70	2	2	8 - 4 - 44	12	40.5	17.82	8 - 4 - 44
Buffalo, N. Y.....	38.5	18.48	1 2	2	2 8 - 8 - 48	4	37.5	18.00	2 8 - 8 - 48
New York, N. Y.....	42.5	18.70	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	42.0	18.48	3 1 1/2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	45.0	19.80	2	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Providence, R. I.....	37.5	16.50	2	2	8 - 4 - 44	12	34.4	15.13	8 - 4 - 44
Rochester, N. Y.....	37.5	16.50	5 1 1/2	5 1 1/2	4 8 - 4 - 44	5	34.4	15.13	6 8 - 4 - 44
SOUTH ATLANTIC.									
Atlanta, Ga.....	7 25.0	12.50	2	2	9 - 5 - 50	12			
Baltimore, Md.....	37.5	18.00	2	2	8 1/2 - 4 1/2 - 48	12			
Washington, D. C.....	42.5	18.70	2	2	8 8 - 4 - 44	5	41.0	18.04	9 8 - 4 - 44
NORTH CENTRAL.									
Chicago, Ill.....	45.0	19.80	2	2	8 - 4 - 44	12	43.8	19.25	8 - 4 - 44
Cincinnati, Ohio.....	10 37.5	16.50	2	2	8 - 4 - 44	12	35.0	15.58	8 - 4 1/2 - 44 1/2
Cleveland, Ohio.....	40.0	17.00	2	2	11 8 - 4 - 44	12			
Columbus, Ohio.....	37.5	18.00	1 1/2	1 1/2	12 8 - 8 - 48	3			
Detroit, Mich.....	40.0	19.20	2	2	13 8 - 8 - 48	3			
Grand Rapids, Mich.....	35.0	16.80	14 1 1/2	14 1 1/2	8 - 8 - 48		25.0	12.00	8 - 8 - 48
Indianapolis, Ind.....	40.0	17.00	2	2	8 - 4 - 44	12	38.5	16.94	8 - 4 - 44
Kansas City, Mo.....	40.0	19.20	2	2	8 - 8 - 48				
Milwaukee, Wis.....	32.5	14.30	13 1 1/2	2	8 - 4 - 44	12			
Minneapolis, Minn.....	37.5	16.50	2	2	8 - 4 - 44	12	36.3	15.95	8 - 4 - 44
Omaha, Nebr.....	36.5	16.06	2	2	8 - 4 - 44	12	30.0	13.20	8 - 4 - 44
St. Louis, Mo.....	42.5	18.70	2	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
St. Paul, Minn.....	37.5	16.50	2	2	8 - 4 - 44	12	36.3	15.95	8 - 4 - 44
SOUTH CENTRAL.									
Birmingham, Ala.....	35.0	15.40	1 1/2	2	8 - 4 - 44	12			
Dallas, Tex.....	10 30.0	14.40	2	2	16 8 - 8 - 48				
Houston, Tex.....	35.0	15.40	2	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	30.0	13.20	17 1 1/2	2	8 - 4 - 44	12			
Portland, Oreg.....	37.5	18.00	2	2	8 - 8 - 48				
Salt Lake City, Utah.....	37.5	18.00	15 1 1/2	2	8 - 8 - 48				
San Francisco, Cal.....	37.5	18.00	2	2	8 - 8 - 48				
Seattle, Wash.....	37.5	16.50	2	2	8 - 4 - 44	12			

1 Double time after 9 p. m.
 2 44 hours, June to September, inclusive.
 3 Double time after 10 p. m. and on all repair work.
 4 48 hours and \$18 per week, October to April, inclusive.
 5 Double time after 10 p. m.
 6 48 hours and \$16.50 per week, October to April, inclusive.
 7 Scale became 30 cents on June 1, 1916.
 8 48 hours and \$20.40 per week, October to April, inclusive.
 9 48 hours and \$19.68 per week, October to April, inclusive.
 10 Scale became 40 cents on Nov. 1, 1916.
 11 48 hours and \$19.20 per week, October to March, inclusive.
 12 44 hours and \$16.50 per week, June to August, inclusive.
 13 Scale became 44 hours on June 1, 1916.
 14 On new work; on repair work, double time.
 15 Double time after midnight.
 16 Scale became 35 cents and 44 hours, June 1, 1916.
 17 Double time after midnight and on Saturday afternoons.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

ENGINEERS: Portable and hoisting.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.	62.5	27.50	2	2	8 - 4 - 44	12			
Bridgeport, Conn.	54.5	24.00	1½	1 2	8 - 4 - 44	12			
Buffalo, N. Y.:									
Boom derrick.....	56.3	27.00	1½	2	8 - 8 - 48				
Hoist.....	56.3	27.00	1½	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Newark, N. J.:									
Boom derrick.....	68.8	30.25	2	2	8 - 4 - 44	12			
Boom derrick (concrete work, excavating, and pile driving).....	68.2	30.00	2	2	8 - 4 - 44	12			
Hoist, broken time, i. e., paid for time actually worked.....	75.0	33.00	2	2	8 - 4 - 44	12			
New Haven, Conn.	54.5	24.00	1½	2	8 - 4 - 44	12			
New York, N. Y.:									
Boom derrick and hoist, broken time, i. e., paid for time actually worked.	75.0	33.00	2	2	8 - 4 - 44	12			
Building work.....	68.8	30.25	2	2	8 - 4 - 44	12			
Foundation work.....	62.5	30.00	2	2	8 - 8 - 48				
Philadelphia, Pa.:									
Boom derrick.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Hoist.....	56.3	24.75	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.	61.4	27.00	1½	1 2	8 - 4 - 44	12			
Providence, R. I.	50.0	22.60	1½	1 2	8 - 4 - 44	12			
Rochester, N. Y.:									
Single drum.....	57.3	25.20	2 1½	1 2	8 - 4 - 44	12			
Double drum.....	71.6	31.50	2 1½	1 2	8 - 4 - 44	12			
Scranton, Pa.	56.3	27.00	1½	2	8 - 8 - 48				
Worcester, Mass.	62.5	27.50	2	2	8 - 4 - 44	11	50.0	24.00	8 - 8 - 48
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Boom derrick and hoist....	62.5	33.75	1½	2	9 - 9 - 54				
Hoisting concrete.....	45.0	24.30	1½	2	9 - 9 - 54				
Baltimore, Md.	62.5	30.00	1½	2	8 - 8 - 48				
Washington, D. C.	70.0	30.80	1½	1 2	8 - 4 - 44	12	62.5	30.00	8 - 8 - 48
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	1½	2	8 - 4 - 44	8			
Cincinnati, Ohio:									
Straight time.....	55.6	25.00	1½	1 2	8 - 5 - 45	12			
Broken time, i. e., paid for time actually worked....	62.5	28.13	1½	1 2	8 - 5 - 45	12			
Cleveland, Ohio:									
Boom derrick.....	70.0	30.80	1½	1 2	8 - 4 - 44	12			
Hoist.....	60.0	26.40	1½	1 2	8 - 4 - 44	12			
Columbus, Ohio.	50.0	24.00	1½	1½	8 - 8 - 48				
Detroit, Mich.:									
Boom derrick.....	75.0	33.00	1½	2	8 - 4 - 44		65.0	31.20	8 - 8 - 48
Hoist.....	73.9	32.50	1½	2	8 - 4 - 44		62.5	30.00	8 - 8 - 48

¹ And on Saturday afternoon.

² Double time after 8 p. m.

³ 48 hours and \$36 per week, December to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

ENGINEERS: Portable and hoisting—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.				<i>Regular rate multi- plied by—</i>					
Grand Rapids, Mich.:	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Doll.</i>	
Boom derrick.....	50.0	25.00	1½	2	9 - 5 -50		50.0	27.00	9 - 9 -54
Hoist.....	49.0	21.60	1½	2	9 - 9 -54				
Indianapolis, Ind.	65.0	28.60	1½	2	8 - 4 -44	12			
Kansas City, Mo.	70.0	30.80	1½	2	8 - 4 -44	12			
Milwaukee, Wis.:									
Boom derrick.....	67.5	29.70	1½	2	1 8 - 4 -44	6			
Hoist.....	62.5	27.50	1½	2	2 8 - 4 -44	6			
Minneapolis, Minn.	60.0	32.40	1½	2	9 - 9 -54		50.0	27.00	9 - 9 -54
Omaha, Nebr.	62.5	27.50	3 1½	2	8 - 4 -44	12			
Peoria, Ill.	62.5	27.50	1½	4 2	8 - 4 -44	12			
St. Louis, Mo.	75.0	33.00	2	2	8 - 4 -44	12			
2 engines.....	87.5	38.50	2	2	8 - 4 -44	12			
St. Paul, Minn.	60.0	36.00	1½	2	10 -10 -60		60.0	32.40	9 - 9 -54
SOUTH CENTRAL.									
Birmingham, Ala., broken time, i. e., paid for time actually worked.....	56.3	27.00	1½	2	8 - 8 -48				
Dallas, Tex.	62.5	27.50	1½	2	8 - 4 -44	10	62.5	39.00	8 - 8 -48
Houston, Tex.:									
Boom derrick.....	62.5	27.50	1½	2	8 - 4 -44	12			
Hoist.....	56.3	24.75	1½	2	8 - 4 -44	12			
Little Rock, Ark.	59.0	27.00	1½	2	5 9 - 9 -54				
Memphis, Tenn.	60.0	26.40	1½	4 2	8 - 4 -44	12			
New Orleans, La.	50.0	24.00	6 1½	2	8 - 8 -48				
Pile driving.....	44.4	24.00	1½	2	9 - 9 -54				
WESTERN.									
Denver, Colo.:									
Boom derrick.....	62.5	27.50	1½	2	8 - 4 -44	12			
Hoist.....	56.3	24.75	1½	2	8 - 4 -44	12			
Los Angeles, Cal.	50.0	24.00	1½	2	8 - 8 -48				
Tractor mixers.....	62.5	30.00	1½	2	8 - 8 -48				
Portland, Oreg.	62.5	27.50	1½	2	8 - 4 -44	4	62.5	30.00	8 - 8 -48
Pile driving.....	62.5	30.00	1½	2	8 - 8 -48				
Stationary, concrete mixers	50.0	24.00	1½	2	8 - 8 -48				
Salt Lake City, Utah:									
Boom derrick.....	62.5	27.50	1½	1½	8 - 4 -44	12			
Hoist.....	56.3	24.75	1½	2	8 - 4 -44	12			
San Francisco, Cal.	75.0	36.00	2	2	8 - 8 -48				
Seattle, Wash.	62.5	27.50	1½	2	8 - 4 -44	12			
Spokane, Wash.	62.5	30.00	1½	2	8 - 8 -48				
Stationary, concrete mixers	50.0	24.00	1½	2	8 - 8 -48				

1 48 hours and \$32.40 per week, December to March, inclusive.
 2 48 hours and \$30 per week, November to April, inclusive.
 3 Double time after midnight and on Saturday afternoon.
 4 And on Saturday afternoon.
 5 Scale became 44 hours per week on Sept. 6, 1916.
 6 Double time after 9 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

HOD CARRIERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
<i>Regular rate multiplied by—</i>									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>	
Union A.....	35.0	15.40	1½	2	8 - 4 - 44	12			
Unions B and C.....	35.0	15.40	1½	2	8 - 4 - 44	12			
Buffalo, N. Y.....	33.0	15.30	1½	2	8½ - 8½ - 51	12	(3)	(3)	(3)
Newark, N. J.....	37.5	16.50	2	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
New York, N. Y.....	37.5	16.50	1½	2	8 - 4 - 44	12			
Philadelphia, Pa.:									
Mortar men.....	40.0	17.60	1½	1½	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
Wheelbarrow men.....	25.0	11.00	1½	1½	8 - 4 - 44	12			
Pittsburgh, Pa.:									
Mortar men.....	45.0	19.80	1½	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Wheelbarrow men.....	30.0	13.20	1½	2	8 - 4 - 44	12	25.0	11.00	8 - 4 - 44
Providence, R. I.:									
Brick men.....	30.0	15.00	1½	2	9 - 5 - 50	12	28.1	14.06	9 - 5 - 50
Mortar men.....	30.0	15.00	1½	2	9 - 5 - 50	12			
Rochester, N. Y.....	30.0	13.20	5/35	2	8 - 4 - 44	12			
Scranton, Pa.....	35.0	15.40	1½	2	6 8 - 4 - 44	5	30.0	13.20	6 8 - 4 - 44
Worcester, Mass.....	40.0	17.60	1½	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
SOUTH ATLANTIC.									
Baltimore, Md.....	34.4	15.47	1½	(7)	8 8 - 5 - 45	12			
Washington, D. C.:									
Brick men.....	28.1	12.66	1½	2	10 8 - 5 - 45	12	(8)	(8)	(8)
Mortar men.....	28.1	12.66	1½	2	10 8 - 5 - 45	12			
NORTH CENTRAL.									
Chicago, Ill.....	42.5	18.70	11 1½	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Cincinnati, Ohio.....	42.5	19.13	1½	2	8 - 5 - 45	12			
Cleveland, Ohio:									
Brick men.....	31.3	13.75	1½	2	13 8 - 4 - 44	4			
Mortar men.....	35.0	15.40	1½	2	14 8 - 4 - 44	4			
Columbus, Ohio.....	37.5	16.50	1½	2	8 - 4 - 44	12			
Detroit, Mich.:									
Brick men.....	35.0	17.33	1½	2	9 - 4½ - 49½	6½			
Mortar men.....	40.0	19.80	1½	1½	9 - 4½ - 49½	6½			
Grand Rapids, Mich.....	25.0	13.50	1	1	9 - 9 - 54				
Indianapolis, Ind.:									
Brick men.....	40.0	17.60	15 1½	2	8 - 4 - 44	12			
Mortar men.....	42.5	18.70	15 1½	2	8 - 4 - 44	12			
Kansas City, Mo.....	45.0	19.80	1½	2	8 - 4 - 44	12			

¹ Scale became 42.5 cents on June 1, 1916.

² Scale became 40 cents on June 23, 1916.

³ No established scale.

⁴ Scale became 42.5 cents on Aug. 1, 1916.

⁵ Actual rate, in cents, for first hour; time and a half thereafter.

⁶ 48 hours per week, October to April, inclusive.

⁷ For Sundays, double time; for holidays, time and one-half.

⁸ 44 hours per week, November to March, inclusive.

⁹ Scale became 31.3 cents on Sept. 1, 1916.

¹⁰ 44½ hours per week, October to April, inclusive.

¹¹ Double time after midnight.

¹² Scale became 35 cents on May 19, 1916.

¹³ 48 hours and \$15 per week, September to April, inclusive.

¹⁴ 48 hours and \$16.80 per week, September to April, inclusive.

¹⁵ Double time after 7 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BUILDING TRADES—Continued.
HOD CARRIERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Milwaukee, Wis.....	35.0	16.80	1½	2	8 - 8 - 48				
Minneapolis, Minn.....	45.0	21.60	2	2	8 - 8 - 48	(1)	(1)	(1)	
Omaha, Nebr.....	40.0	17.60	1½	1½	8 - 4 - 44	(1)	(1)	(1)	
Peoria, Ill.:									
Brick men.....	36.9	16.23	2	2	8 - 4 - 44	12	34.4	15.13	8 - 4 - 44
Wheelbarrow men.....	34.4	15.13	2	2	8 - 4 - 44	12			
Mortar men.....	37.5	16.50	2	2	8 - 4 - 44	12			
Mortar mixers.....	40.0	17.60	2	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44
St. Louis, Mo.:									
Brick men.....	47.5	20.90	2	2	8 - 4 - 44	12			
Mortar men.....	50.0	22.00	2	2	8 - 4 - 44	12			
St. Paul, Minn.....	37.5	18.00	1½	2	8 - 8 - 48		(1)	(1)	(1)
SOUTH CENTRAL.									
Birmingham, Ala.....	25.0	11.00	1½	2	8 - 4 - 44	12	30.0	13.20	8 - 4 - 44
Houston, Tex.....	31.3	13.75	1½	2	8 - 4 - 44	12			
Louisville, Ky.:									
Brick men.....	35.0	15.40	² 1½	2	8 - 4 - 44	12			
Mortar men.....	33.0	16.72	² 1½	2	8 - 4 - 44	12			
Memphis, Tenn.....	30.0	13.20	1½	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.:									
Brick men.....	³ 37.5	16.50	1½	2	8 - 4 - 44	12			
Mortar men.....	⁴ 40.6	17.88	1½	2	8 - 4 - 44	12			
Los Angeles, Cal.:									
Brick men and mortar men.....	40.6	17.88	1½	2	8 - 4 - 44	12			
Wheelbarrow men.....	34.4	15.13	1½	2	8 - 4 - 44	12			
Portland, Oreg.....	50.0	24.00	2	2	8 - 8 - 48				
Salt Lake City, Utah:									
Brick men.....	43.8	19.25	⁵ 1½	2	8 - 4 - 44	12			
Mortar men.....	50.0	22.00	⁵ 1½	2	8 - 4 - 44	12			
Wheelbarrow men.....	37.5	16.50	⁵ 1½	2	8 - 4 - 44	12			
Bricklayer's tenders (in- closing sewers).....	62.5	27.50	2	2	8 - 4 - 44	12			
San Francisco, Cal.....	50.0	22.00	2	2	8 - 4 - 44	12			
Seattle, Wash.....	43.8	19.25	1½	2	8 - 4 - 44	12			
Spokane, Wash.....	50.0	22.00	2	2	8 - 4 - 44	12			

¹ Not organized on May 1, 1915.

² Double time after 7 p. m.

³ Scale became 40.6 cents on June 1, 1916.

⁴ Scale became 43.8 cents on June 1, 1916.

⁵ Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

INSIDE WIREMEN.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	¹ 62.5	27.50	2	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44
Bridgeport, Conn.....	50.0	22.00	2	2	8 - 4 - 44	.....	(²)	(²)	(²)
Buffalo, N. Y.....	56.3	27.00	³ 1½	2	⁴ 8 - 8 - 48	3	50.0	24.00	⁴ 8 - 8 - 48
Fall River, Mass.....	⁵ 41.0	18.04	⁶ 2	2	8 - 4 - 44	10½	37.5	18.00	8 - 8 - 48
Manchester, N. H.....	37.5	18.00	1½	2	⁴ 8 - 8 - 48	3	34.4	16.50	8 - 8 - 48
Newark, N. J.....	62.5	27.50	2	2	8 - 4 - 44	12	.....	.....	.....
New Haven, Conn.....	44.5	19.58	⁷ 1½	2	8 - 4 - 44	1	(²)	(²)	(²)
New York, N. Y.....	⁶ 63.0	26.40	2	2	8 - 4 - 44	12	.....	.....	.....
Philadelphia, Pa.....	50.0	22.00	⁹ 1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Pittsburgh, Pa.....	62.5	27.50	¹⁰ 1½	2	8 - 4 - 44	12	57.5	25.30	8 - 4 - 44
Providence, R. I.....	50.0	22.00	2	2	8 - 4 - 44	12	.....	.....	.....
Rochester, N. Y.....	53.1	23.38	¹¹ 1½	2	8 - 4 - 44	5	50.0	22.00	¹¹ 8 - 4 - 44
Seranton, Pa.....	50.0	22.00	1½	2	8 - 4 - 44	.....	46.9	22.50	8 - 8 - 48
Worcester, Mass.....	47.5	20.90	¹² 1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
SOUTH ATLANTIC.									
Baltimore, Md.....	¹³ 43.8	21.00	1½	2	8 - 8 - 48	.....	.....	.....	.....
Jacksonville, Fla.....	45.0	21.60	1½	2	8 - 8 - 48	.....	45.0	20.25	8 - 5 - 45
Richmond, Va.....	43.8	21.00	1½	2	8 - 8 - 48	.....	.....	.....	.....
Washington, D. C.....	60.0	26.40	2	2	8 - 4 - 44	12	.....	.....	.....
NORTH CENTRAL.									
Chicago, Ill.....	75.0	33.00	2	2	8 - 4 - 44	12	.....	.....	.....
Cincinnati, Ohio.....	56.3	25.05	1½	2	8 - 4½ - 44½	12	53.1	23.64	8 - 4½ - 44½
Cleveland, Ohio.....	¹⁴ 70.0	30.80	1½	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Columbus, Ohio.....	45.0	21.60	1½	1½	8 - 8 - 48	.....	(²)	(²)	(²)
Detroit, Mich.....	¹⁵ 59.4	26.13	2	2	8 - 4 - 44	4	53.1	25.50	¹⁷ 8 - 8 - 48
Grand Rapids, Mich.....	37.5	16.50	1½	2	8 - 4 - 44	11	37.5	18.00	8 - 8 - 48
Indianapolis, Ind.....	53.0	23.32	1½	2	8 - 4 - 44	5	47.5	22.80	¹⁷ 8 - 8 - 48
Kansas City, Mo.....	65.0	28.60	¹⁰ 1½	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Milwaukee, Wis.....	¹⁸ 50.0	22.00	1½	2	8 - 4 - 44	12	.....	.....	.....
Minneapolis, Minn.....	56.3	24.75	⁹ 1½	2	8 - 4 - 44	12	.....	.....	.....
Omaha, Nebr.....	57.5	25.30	⁹ 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Peoria, Ill.....	56.3	24.75	¹⁰ 1½	2	8 - 4 - 44	12	.....	.....	.....
St. Louis, Mo.....	75.0	33.00	2	2	8 - 4 - 44	12	.....	.....	.....
St. Paul, Minn.....	56.3	24.75	⁹ 1½	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44

¹ Scale became 65 cents on July 1, 1916.

² No scale on May 1, 1915.

³ Double time after 10 p. m.

⁴ 44 hours per week June to August, inclusive.

⁵ Scale became 45 cents on July 1, 1916.

⁶ On Saturday afternoon until 6 p. m., time and one-half.

⁷ Double time after 9 p. m. and on Saturday afternoon.

⁸ Scale became 62.5 cents on Oct. 1, 1916.

⁹ Double time after midnight and on Saturday afternoon.

¹⁰ Double time after midnight.

¹¹ 48 hours per week, October to April, inclusive.

¹² Double time after 7 p. m.

¹³ Scale became 50 cents on July 15, 1916.

¹⁴ Scale became 72.5 cents on Aug. 1, 1916.

¹⁵ Double time after 6.30 p. m. and after 4.30 p. m. on Saturday.

¹⁶ Scale became 62.5 cents on Nov. 1, 1916.

¹⁷ 44 hours per week, January to September, inclusive.

¹⁸ Scale became 56.3 cents on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

INSIDE WIREMEN—Concluded.

Geographical division and city.	May 15, 1915.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Birmingham, Ala.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Dallas, Tex.....	¹ 62.5	27.50	2½	2	8 - 4 - 44	12			
Houston, Tex.....	62.5	27.50	⁸ 1½	2	8 - 4 - 44	12			
Little Rock, Ark.....	⁴ 50.0	24.00	1½	2	8 - 8 - 48				
Louisville, Ky.....	⁵ 40.0	19.20	2½	2	8 - 8 - 48				
Memphis, Tenn.....	50.0	22.00	2½	2	8 - 4 - 44	12			
New Orleans, La.....	⁶ 50.0	24.00	2½	2	8 - 8 - 48				
WESTERN.									
Denver, Colo.....	⁷ 60.0	26.40	1½	1½	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Los Angeles, Cal.....	50.0	24.00	2½	2	8 - 8 - 48				
Portland, Oreg.....	56.3	24.75	⁸ 1½	2	8 - 4 - 44	12			
Salt Lake City, Utah.....	62.5	27.50	2	2	8 - 4 - 44	12			
San Francisco, Cal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Seattle, Wash.....	62.5	27.50	⁸ 1½	2	8 - 4 - 44	12			
Spokane, Wash.....	56.3	27.00	⁹ 1½	2	8 - 8 - 48				

INSIDE WIREMEN: Fixture hangers.

NORTH ATLANTIC.									
Boston, Mass.....	¹⁰ 55.0	24.20	2	2	8 - 4 - 44	12			
Buffalo, N. Y.....	45.0	¹¹ 21.60	⁹ 1½	2	¹¹ 8 - 8 - 48	3			
Newark, N. J.....	50.0	22.00	2	2	8 - 4 - 44	12			
New York, N. Y.....	¹² 60.0	26.40	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	50.0	22.00	¹³ 1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Pittsburgh, Pa.....	57.5	25.30	2½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Rochester, N. Y.....	53.1	¹² 23.38	2½	2	¹⁴ 8 - 4 - 44	5	50.0	22.00	8 - 4 - 44
SOUTH ATLANTIC.									
Baltimore, Md.....	¹⁵ 43.8	21.00	1½	2	8 - 8 - 48				
Washington, D. C.....	56.3	24.75	2	2	8 - 4 - 44		56.3	27.00	8 - 8 - 48
NORTH CENTRAL.									
Chicago, Ill.....	75.0	33.00	2	2	8 - 4 - 44	12			
Cleveland, Ohio.....	50.0	22.00	1½	2	8 - 4 - 44	5	33.3	18.00	9 - 9 - 54
Detroit, Mich.....	59.4	26.13	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44

¹ Scale became 65 cents on July 1, 1916.

² Double time after midnight.

³ Double time after 8 p. m.

⁴ Scale became 53.1 cents on July 1, 1916.

⁵ Scale became 45 cents on June 1, 1916.

⁶ Scale became 56.3 cents on June 1, 1916.

⁷ Scale became 62.5 cents on Sept. 1, 1916.

⁸ Double time after 10 p. m. and on Saturday afternoon.

⁹ Double time after 10 p. m.

¹⁰ Scale became 60 cents on Aug. 4, 1916.

¹¹ 44 hours and \$19.80 per week, June to August, inclusive.

¹² Scale became 62.5 cents on Oct. 1, 1916.

¹³ Double time after midnight* and on Saturday afternoon.

¹⁴ 48 hours and \$25.50 per week, October to April, inclusive.

¹⁵ Scale became 50 cents on July 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

INSIDE WIREMEN: Fixture hangers—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Grand Rapids, Mich.....	37.5	16.50	1½	2	8 - 4 - 44	11	37.5	18.00	8 - 8 - 48
Indianapolis.....	47.0	20.68	1½	2	8 - 4 - 44	5	42.5	20.40	8 - 8 - 48
Kansas City, Mo.....	56.3	24.75	3½	2	8 - 4 - 44	12			
Minneapolis, Minn.....	50.0	22.00	3½	2	8 - 4 - 44		50.0	24.00	8 - 8 - 48
Omaha, Nebr.....	50.0	22.00	4½	2	8 - 4 - 44	12			
Peoria, Ill.....	56.3	24.75	3½	2	8 - 4 - 44	12			
St. Louis, Mo.....	65.0	28.60	6½	2	8 - 4 - 44	12			
St. Paul, Minn.....	50.0	24.00	3½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Dallas, Tex.....	62.5	27.50	3½	2	8 - 4 - 44	12			
WESTERN.									
Los Angeles, Cal.....	50.0	24.00	3½	2	8 - 8 - 48				
Portland, Ore.....	56.3	24.75	7½	2	8 - 4 - 44	12			
San Francisco, Cal.....	56.3	24.75	2	2	8 - 4 - 44	12			
Seattle, Wash.....	50.0	22.00	7½	2	8 - 4 - 44	12			

LATHERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Metal or wood.....	65.0	26.00	2	2	8 - 0 - 40	2	60.0	26.40	8 - 4 - 44
Wood.....	(9)		2	2	8 - 0 - 40	2	(9)		8 - 4 - 44
Bridgeport, Conn.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Wood.....	(9)		(10)	(10)	8 - 4 - 44	12	(11)		8 - 4 - 44
Buffalo, N. Y.:									
Metal or wood.....	50.0	24.00	1½	2	8 - 8 - 48				
Wood.....	(11)		1½	2	8 - 8 - 48				
Fall River, Mass.:									
Metal.....	40.0	18.00	1½	2	8 - 5 - 45	12			
Wood.....	(12)		1	2	8 - 5 - 45	12			
Newark, N. J.:									
Metal or wood.....	75.0	33.00	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Wood.....	(13)		2	2	8 - 4 - 44	12	(14)		8 - 4 - 44

¹ 44 hours per week, June to September, inclusive.

² Scale became 56.3 cents on Sept. 5, 1916.

³ Double time after midnight.

⁴ Double time after midnight and on Saturday afternoon.

⁵ Double time after 10 p. m. and after 5 p. m. on Saturday.

⁶ Scale became 65 cents on July 1, 1916.

⁷ Double time after 10 p. m. and on Saturday afternoon.

⁸ \$3.25 per 1,000 laths.

⁹ \$3 per 1,000 laths.

¹⁰ No established scale.

¹¹ \$2.50 per 1,000 laths.

¹² \$2 per 1,000 laths.

¹³ \$3.50 per 1,000 laths.

¹⁴ \$2.75 per 1,000 laths.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.
LATHERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
New Haven, Conn.:									
Metal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Wood.....	(¹)		2	2	8 - 4 - 44	12			
New York, N. Y.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12	66.3	29.15	8 - 4 - 44
Wood—									
Manhattan and Bronx.....	(²)		2	2	8 - 4 - 44	12			
Brooklyn.....	(³)		(⁴)	(⁴)	8 - 4 - 44	12	(⁵)		8 - 4 - 44
Philadelphia, Pa.:									
Metal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Wood.....	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Wood.....	(⁶)		1	1	8 - 4 - 44	12	(⁷)		8 - 4 - 44
Pittsburgh, Pa.:									
Metal or wood.....	⁸ 62.5	27.50	1½	⁹ 2	8 - 4 - 44	12			
Wood.....	(¹⁰)		1½	⁹ 2	8 - 4 - 44	12			
Providence, R. I.:									
Metal.....	(¹¹)		1	2	8 - 4 - 44	12			
Wood.....	(⁶)		1	2	8 - 4 - 44	12			
Rochester, N. Y.:									
Metal or wood.....	¹² 50.0	22.00	1½	2	8 - 4 - 44	12			
Wood.....	(¹³)		1	(¹⁴)	8 - 4 - 44	12			
Scranton, Pa.:									
Metal or wood.....	60.0	26.40	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Wood.....	(¹⁵)		1	1	8 - 4 - 44	12	(⁶)		8 - 4 - 44
Worcester, Mass.:									
Metal.....	¹⁶ 56.3	24.75	2	2	8 - 4 - 44	12			
Wood.....	(¹⁷)		2	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Baltimore, Md.....	56.3	24.75	2	2	8 - 4 - 44	12			
Charleston, S. C.....	(⁶)		1	1	8 - 8 - 48				
Washington, D. C.:									
Metal or wood.....	¹⁸ 56.3	24.75	2	2	8 - 4 - 44	12			
Wood.....	(¹⁹)		2	2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.....	71.9	31.63	2	2	8 - 4 - 44	12			
Cincinnati, Ohio:									
Metal.....	2.5	27.81	1½	⁹ 2	8 - 4½ - 44½	12			
Wood.....	(²⁰)		1½	⁹ 2	8 - 4½ - 44½	12			

¹ \$2.30 per 1,000 laths.
² \$1.50 per 1,000 laths; scale became \$4.50 per 1,000 laths on Oct. 1, 1916.
³ \$1.50 per 1,000 laths.
⁴ Overtime work and work on Sundays and holidays prohibited.
⁵ \$2.75 per 1,000 laths.
⁶ \$2.25 per 1,000 laths.
⁷ \$2 per 1,000 laths.
⁸ Scale became 68.8 on June 1, 1916.
⁹ And on Saturday afternoon.
¹⁰ \$3.25 per 1,000 laths; scale became \$3.60 per 1,000 laths on June 1, 1916.
¹¹ 4.5 per square yard.
¹² Scale became 55 cents on June 1, 1916.
¹³ \$2.50 per 1,000 laths.
¹⁴ Do not work on Sundays or holidays.
¹⁵ \$2.75 per 1,000 for soft laths; \$3 per 1,000 for hard laths.
¹⁶ Scale became 62.5 cents on July 1, 1916.
¹⁷ \$2.50 per 1,000 laths; scale became \$2.75 per 1,000 laths on July 1, 1916.
¹⁸ Scale became 62.5 cents on Nov. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

LATHERS—Continued.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—				Hours— Full days; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Cleveland, Ohio:									
Wood, wire, or metal, first class.....	Cents. 68.8	Dolls. 30.25	2	1 2	8 - 4 - 44	12	Cents. 62.5	Dolls. 27.50	8 - 4 - 44
Wood, wire, or metal, second class.....	62.5	27.50	2	1 2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Columbus, Ohio.....	56.3	24.75	1 1/2	2	8 - 4 - 44	.....	(²)	(²)	(²)
Detroit, Mich.:									
Metal.....	66.3	29.15	2	(³)	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Wood, first class.....	66.3	29.15	2	(³)	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Wood, second class.....	56.9	25.03	2	(³)	8 - 4 - 44	12	53.8	23.65	8 - 4 - 44
Grand Rapids, Mich.:									
Metal, first class.....	55.0	26.40	1 1/2	2	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48
Metal, second class.....	45.0	21.60	1 1/2	2	8 - 8 - 48	.....	(²)	(²)	(²)
Wood.....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....
Indianapolis, Ind.:									
Metal or wood.....	55.0	24.48	1 1/2	2	8 - 4 1/2 - 44 1/2	12	.....	.....	.....
Wood.....	(⁴)	.....	1 1/2	2	8 - 4 1/2 - 44 1/2	12	(⁵)	.....	8 - 4 1/2 - 44 1/2
Kansas City, Mo.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12	.....	.....	.....
Wood.....	56.3	24.75	2	2	8 - 4 - 44	12	.....	.....	.....
Milwaukee, Wis.:									
Metal, first class.....	56.3	24.75	2	2	8 - 4 - 44	12	.....	.....	.....
Wood, second class.....	53.1	23.38	2	2	8 - 4 - 44	12	.....	.....	.....
Wood, third class.....	46.9	20.63	2	2	8 - 4 - 44	12	.....	.....	.....
Minneapolis, Minn.:									
Metal.....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....
Wood—									
First class.....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....
Second class.....	43.8	21.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....
Third class.....	37.5	18.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....
Omaha, Nebr.:									
Metal.....	6 62.5	27.50	1 1/2	2	8 - 4 - 44	12	.....	.....	.....
Wood.....	7 46.9	20.63	1 1/2	2	8 - 4 - 44	12	.....	.....	.....
Peoria, Ill.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12	.....	.....	.....
Wood.....	62.5	27.50	2	2	8 - 4 - 44	12	.....	.....	.....
St. Louis, Mo.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12	.....	.....	.....
Wood.....	(⁸)	.....	2	2	8 - 4 - 44	12	.....	.....	.....
St. Paul, Minn.:									
Metal.....	62.5	30.00	2	2	8 - 8 - 48	.....	45.6	21.90	8 - 8 - 48
Wood, first class.....	56.3	27.00	2	2	8 - 8 - 48	.....	45.6	21.90	8 - 8 - 48
Wood, second class.....	50.0	24.00	2	2	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48

¹ Work on Saturday afternoon prohibited.

² No established scale.

³ Overtime work prohibited.

⁴ \$2.15 per 1,000 for laths 32 inches long; \$2.25 per 1,000 for laths 48 inches long; \$2.50 per 1,000 for hardwood laths.

⁵ \$2 per 1,000 for laths 32 inches long; \$2.25 per 1,000 for laths 48 inches long; \$2.50 per 1,000 for hardwood laths.

⁶ Scale became 68.8 cents on Oct. 1, 1916.

⁷ Scale became 56.3 cents on Oct. 1, 1916.

⁸ \$3 per 1,000 laths.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

LATHERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
Dallas, Tex.:									
Metal.....	Cents. 68.8	Dolls. 33.00		1½ 2	8 - 8 - 48				
Wood (pine).....	(1)			1½ 2	8 - 8 - 48				
Wood (cypress).....	(2)			1½ 2	8 - 8 - 48				
Houston, Tex.:									
Metal.....	68.8	30.25	2	2	8 - 4 - 44	12			
Wood.....	(3)		2	2	8 - 4 - 44	12			
Louisville, Ky.:									
Metal.....	52.5	23.10	2	2	8 - 4 - 44	12			
Wood.....	(4)		2	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.:									
Wood, wire, or metal, first class.....	50.0	22.00	1½	1½	8 - 4 - 44	12			
Wood, wire, or metal, second class.....	43.8	19.25	1½	1½	8 - 4 - 44	12			
Los Angeles, Cal.:									
Metal or wood.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Wood.....	(5)		1½	2	8 - 4 - 44	12			
Portland, Oreg.:									
Metal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Wood.....	(6)		2	2	8 - 4 - 44	12			
Salt Lake City, Utah.:									
Wood, wire, or metal, first grade.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Wood, wire, or metal, second grade.....	56.3	24.75	1½	2	8 - 4 - 44	12			
San Francisco, Cal.:									
Metal.....	75.0	33.00	2	2	8 - 4 - 44	12			
Seattle, Wash.:									
Wood, or metal, first class.....	62.5	27.50	2	2	8 - 4 - 44	12			
Wood, second class.....	56.3	24.75	2	2	8 - 4 - 44	12			
Wood, third class.....	50.0	22.00	2	2	8 - 4 - 44	12			
Spokane, Wash.:									
Metal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Wood.....	(7)		2	2	8 - 4 - 44	12			

MARBLE SETTERS.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holid-ays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.....	68.8	30.25	2	2	8 - 4 - 44	12			
Buffalo, N. Y.....	68.8	⁸ 33.00	1½	2	⁸ 8 - 8 - 48	3			
Newark, N. J.....	68.8	30.25	2	2	8 - 4 - 44	12			
New Haven, Conn.....	68.8	30.25	2	2	8 - 4 - 44	12			

1 \$3.75 per 1,000 laths.
 2 \$3.25 per 1,000 laths.
 3 \$3.15 per 1,000 laths; scale became \$3.65 per 1,000 laths on July 15, 1916.
 4 \$2.75 per 1,000 laths.
 5 \$1.75 per 1,000 laths; scale became \$2 per 1,000 laths on Sept. 15, 1916.
 6 \$2 per 1,000 laths.
 7 \$3 per 1,000 laths.
 8 44 hours and \$30.25 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

MARBLE SETTERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
New York, N. Y.	68.8	30.25	2	2*	8 - 4 - 44	12			
Philadelphia, Pa.	68.8	30.25	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.	68.8	30.25	1½	2	8 - 4 - 44	12			
Rochester, N. Y.	68.8	30.25	2 1½	2	8 - 4 - 44	12	57.5	25.30	8 - 4 - 44
Saranton, Pa.	68.8	33.00	1½	2	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.	68.8	33.00	1½	2	8 - 8 - 48				
Baltimore, Md.	68.8	30.94	1½	2	8 - 5 - 45				
Washington, D. C.	68.8	30.25	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
NORTH CENTRAL.									
Chicago, Ill.	71.9	31.63	4 1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.	68.8	30.25	1½	2	8 - 4 - 44	12			
Cleveland, Ohio.	68.8	30.25	1½	2	8 - 4 - 44	12			
Detroit, Mich.	68.8	30.25	1½	2	8 - 4 - 44	9	68.8	30.25	8 - 4 - 44
Grand Rapids, Mich.	68.8	30.25	1½	2	8 - 4 - 44	12			
Indianapolis, Ind.	68.8	30.25	7 1½	2	8 - 4 - 44	12			
Kansas City, Mo.	68.8	30.25	1½	2	8 - 4 - 44	12			
Milwaukee, Wis.	68.8	30.25	1½	2	8 - 4 - 44	12			
Minneapolis, Minn.	68.8	30.25	1½	2	8 - 4 - 44	12	68.8	33.00	8 - 8 - 48
Omaha, Nebr.	68.8	30.25	1½	2	8 - 4 - 44	12			
St. Louis, Mo.	68.8	30.25	2	2	8 - 4 - 44	12			
St. Paul, Minn.	68.8	33.00	1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.	68.5	30.14	1½	2	8 - 4 - 44	12			
Dallas, Tex.	68.8	30.25	1½	2	8 - 4 - 44	12			
Houston, Tex.	68.8	30.25	2	2	8 - 4 - 44	12			
Little Rock, Ark.	62.5	27.50	1½	2	8 - 4 - 44	5			
Louisville, Ky.	65.0	28.60	1½	2	8 - 4 - 44	12	60.0	25.40	8 - 4 - 44
Memphis, Tenn.	62.5	27.50	1½	2	8 - 4 - 44	12			
New Orleans, La.	62.5	27.50	2 1½	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.	68.8	30.25	1½	2	8 - 4 - 44	12			
Portland, Oreg.	68.8	30.25	1½	(9)	8 - 4 - 44	12			
Salt Lake City, Utah.	68.8	30.25	1½	2	8 - 4 - 44	12			
San Francisco, Cal.	62.5	27.50	1½	2	8 - 4 - 44	12			
Seattle, Wash.	68.8	30.25	1½	2	8 - 4 - 44	12			

¹ And on Saturday afternoon.

² Double time after midnight.

³ 44 hours and \$30.25 per week, November to March, inclusive.

⁴ Double time after 10.20 p. m. and on Saturday afternoon.

⁵ 48 hours and \$33 per week, December to February, inclusive

⁶ 48 hours and \$33 per week, November to April, inclusive.

⁷ Double time after 7 p. m.

⁸ 48 hours and \$30 per week, October to April, inclusive.

⁹ For holidays, double time; for Sundays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

MARBLE SETTERS' HELPERS.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holi-days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.....	Cents. 35.0	Dolls. 15.40	1½	2	8 - 4 -44	7	Cents. (1)	Dolls. (1)	(1)
New York, N. Y.....	40.6	17.88	2	2	8 - 4 -44	12			
NORTH CENTRAL.									
Chicago, Ill.....	42.5	18.70	2 1½	2	8 - 4 -44	12			
Cincinnati, Ohio.....	31.3	14.06	1½	2	8 - 5 -45	12			
WESTERN.									
San Francisco, Cal.....	37.5	16.50	1½	2	8 - 4 -44	12			
Seattle, Wash.....	37.5	16.50	1½	2	8 - 4 -44	12			

PAINTERS.

NORTH ATLANTIC.									
Boston, Mass.....	60.5	24.20	2	2	8 - 0 -40	12	55.0	24.20	8 - 4 -44
Bridgeport, Conn.....	50.0	22.00	1½	2	8 - 4 -44	12	45.0	19.80	8 - 4 -44
Buffalo, N. Y.....	46.9	³ 22.50	1½	2	³ 8 - 8 -48	3			
Fall River, Mass.....	41.0	18.04	1½	2	8 - 4 -44	12	37.5	16.50	8 - 4 -44
Manchester, N. H.....	37.5	18.00	1½	2	8 - 8 -48		31.3	15.00	8 - 8 -48
Newark, N. J.....	46.9	20.63	2	2	8 - 4 -41	12	44.0	19.36	8 - 4 -44
New Haven, Conn.....	40.9	18.00	2	2	8 - 4 -44	12			
New York, N. Y.: Manhattan, Bronx, Kings, and Richmond.....	62.5	27.50	2	⁴ 143	8 - 4 -44	12	50.0	22.00	8 - 4 -44
Queens.....	50.0	22.00	2	⁵ 114	8 - 4 -44	12			
Philadelphia, Pa.....	42.5	18.70	1½	2	8 - 4 -44	12			
Pittsburgh, Pa.....	58.1	25.58	1½	⁶ 2	8 - 4 -44	12			
Providence, R. I.....	⁷ 45.5	20.02	⁸ 1½	2	8 - 4 -44	12			
Rochester, N. Y.....	50.0	22.00	1½	2	8 - 4 -44	12	43.4	21.31	8 - 4 -44
Scranton, Pa.....	45.0	19.80	1½	2	8 - 4 -44	12	42.5	18.70	8 - 4 -44
Worcester, Mass.....	45.5	20.02	1½	⁹ 2	8 - 4 -44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	33.3	18.00	1½	2	¹⁰ 9 - 8 -53				
Baltimore, Md.....	¹¹ 37.5	18.00	1½	2	8 - 8 -48				
Charleston, S. C.....	25.0	12.00	1½	2	8 - 8 -48				
Jacksonville, Fla.....	37.5	18.00	1½	2	8 - 8 -48				
Richmond, Va.....	30.6	16.50	1½	2	9 - 9 -54				
Washington, D. C.....	¹² 50.0	22.00	1½	⁹ 2	8 - 4 -44				

¹ Not organized on May 1, 1915.
² Double time after 10.20 p. m. and on Saturday afternoon.
³ 44 hours and \$20.63 per week, June to August, inclusive.
⁴ Actual rate, in cents, per hour; limited to 7 hours.
⁵ Actual rate, in cents, per hour.
⁶ Work on Saturday afternoon prohibited.
⁷ Scale became 50 cents on July 1, 1916.
⁸ Double time after midnight and on Saturday afternoon.
⁹ And on Saturday afternoon.
¹⁰ Work 53 hours, paid for 54.
¹¹ Scale became 40 cents on July 1, 1916.
¹² Scale became 56.3 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PAINTERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.....	70.0	30.80	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.....	55.0	24.20	1½	1 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Cleveland, Ohio.....	55.0	24.20	1½	1 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Columbus, Ohio.....	45.0	21.60	1½	2	8 - 8 - 48				
Detroit, Mich.....	50.0	22.00	1½	2	8 - 4 - 44	4	45.0	21.60	8 - 8 - 48
Indianapolis, Ind.....	50.0	22.00	1½	1½	8 - 4 - 44	12			
Grand Rapids, Mich.....	37.5	18.00	¾	2	8 - 8 - 48		33.3	18.00	9 - 9 - 54
Kansas City, Mo.....	60.0	26.40	1½	2	8 - 4 - 44	12			
Milwaukee, Wis.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Minneapolis, Minn.....	55.0	24.20	1½	4 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Omaha, Nebr.....	55.0	24.20	¾	1½	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Peoria, Ill.....	50.0	22.00	1½	2	8 - 4 - 44	12			
St. Louis, Mo.....	62.5	27.50	2	2	8 - 4 - 44	12			
St. Paul, Minn.....	55.0	24.20	1½	1 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
SOUTH CENTRAL.									
Birmingham, Ala.....	45.0	21.60	1½	2	8 - 8 - 48				
Dallas, Tex.....	50.0	22.00	¾	2	8 - 4 - 44	12			
Houston, Tex.....	53.1	23.38	1½	1 2	8 - 4 - 44	12			
Little Rock, Ark.....	55.0	24.20	¾	2	8 - 4 - 44	1	50.0	24.00	8 - 8 - 48
Louisville, Ky.....	50.0	24.00	1½	2	8 - 8 - 48				
Memphis, Tenn.....	52.5	23.10	¾	2	8 - 4 - 44	12			
New Orleans, La.....	40.0	19.20	1½	1½	8 - 8 - 48				
WESTERN.									
Denver, Colo.....	55.0	24.20	1½	1½	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Los Angeles, Cal.....	43.8	21.00	1½	1½	8 - 8 - 48				
Portland, Ore.....	50.0	22.00	1½	1½	8 - 4 - 44	12			
Salt Lake City, Utah.....	62.5	27.50	1½	1½	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
San Francisco, Cal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Seattle, Wash.....	56.3	24.75	¾	1½	8 - 4 - 44	12			
Spokane, Wash.....	56.3	24.75	1½	4 1½	8 - 4 - 44	12			

PAINTERS: Fresco.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holid-ays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.....	65.5	26.20	2	2	8 - 0 - 40		60.0	26.40	8 - 4 - 44
Fall River, Mass.....	50.0	22.00	1½	2	8 - 4 - 44	12	42.5	18.70	8 - 4 - 44
New York, N. Y.:									
Manhattan, Bronx, and Richmond.....	62.5	27.50	2	6 143	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Kings.....	87.5	38.50	2	6 200	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Queens.....	56.3	24.75	2	6 128	8 - 4 - 44	12			
Philadelphia, Pa.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Worcester, Mass.....	45.5	20.02	1½	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Charleston, S. C.....	50.0	24.00	1½	2	8 - 8 - 48				

¹ And on Saturday afternoon.

² 44 hours and \$19.80 per week, June to August, inclusive.

³ Double time after midnight.

⁴ Work on Saturday afternoon prohibited.

⁵ Double time after midnight and no Saturday afternoon.

⁶ Actual rate, in cents, per hour; limited to 7 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PAINTERS: Fresco—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	Cents.	Dolls.	Regular rate multi- plied by—				Cents.	Dolls.	
Cincinnati, Ohio.....	60.0	26.40	1½	2	8 - 4 - 44	12	53.0	24.20	8 - 4 - 44
Indianapolis, Ind.....	50.0	22.00	1½	2	8 - 4 - 44	12			
St. Paul, Minn.....	55.0	24.20	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
WESTERN.									
Los Angeles, Cal.....	62.5	30.00	1½	1½	8 - 8 - 48				
Salt Lake City, Utah.....	68.8	30.25	1½	1½	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Seattle, Wash.....	62.5	27.50	2 1½	2	8 - 4 - 44	12			

PAINTERS: Sign.

NORTH ATLANTIC.									
Boston, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	³ 53.0	24.00	2 1½	1½	8 - 8 - 48				
Buffalo, N. Y.....	62.5	27.50	1½	2	8 - 4 - 44	12			
New York, N. Y.: Manhat- tan, Bronx, and Richmond	62.5	27.50	2	⁴ 143	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Rochester, N. Y.....	53.0	⁵ 24.00	1½	2	⁶ 8 - 8 - 48	3			
Worcester, Mass.....	45.5	20.02	1½	2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.....	75.0	33.00	2	2	8 - 4 - 44	12			
Cincinnati, Ohio.....	65.6	23.88	1½	2	8 - 4 - 44	12	59.4	26.13	8 - 4 - 44
Detroit, Mich.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Kansas City, Mo.....	⁶ 70.0	30.50	1½	2	8 - 4 - 44	12			
Milwaukee, Wis.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Roadmen.....	52.5	⁷ 23.08	1½	2	8 - 4 - 44	12			
Minneapolis, Minn.....	56.3	27.00	1½	(⁸)	8 - 8 - 48				
Omaha, Nebr.....	⁹ 55.0	24.20	1½	2	8 - 4 - 44	12			
Peoria, Ill.....	55.0	24.20	1½	2	8 - 4 - 44	12			
St. Louis, Mo.....	68.8	30.25	2	2	8 - 4 - 44	12			
St. Paul, Minn.....	56.3	27.00	1½	(⁸)	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	56.3	¹⁰ 24.75	1½	2	¹⁰ 8 - 4 - 44	5			
Dallas, Tex.....	62.5	¹¹ 30.00	1½	2	¹¹ 8 - 8 - 48	3			
Louisville, Ky.....	50.0	24.00	1½	2	8 - 8 - 48				
Memphis, Tenn.....	52.5	23.10	¹² 1½	2	8 - 4 - 44	12			

1 And on Saturday afternoon.
 2 Double time after midnight.
 3 Scale became 62.5 cents on July 1, 1916.
 4 Actual rate, in cents, per hour; limited to 7 hours.
 5 44 hours and \$22 per week, June to August, inclusive.
 6 Scale became 75 cents on June 1, 1916.
 7 And board and expenses.
 8 For holidays, double time; for Sundays, time and one-half.
 9 Scale became 60 cents on Sept. 1, 1916.
 10 48 hours and \$27 per week, October to April, inclusive.
 11 44 hours and \$27.50 per week, June to August, inclusive.
 12 Double time after 1 a. m.
 13 Double time after midnight and on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PAINTERS: Sign—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
WESTERN.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Denver, Colo.	62.5	30.00	1½	2	8 - 8 - 48	2	62.5	27.50	8 - 4 - 44
Los Angeles, Cal.	62.5	27.50	2 1½	2	8 - 4 - 44	12			
Portland, Oreg.	62.5	27.50	1½	2	8 - 4 - 44	12			
Salt Lake City, Utah.	62.5	30.00	1½	1½	8 - 8 - 48				
San Francisco, Cal.	68.8	30.25	3 1½	2	8 - 4 - 44	12			
Seattle, Wash.	62.5	27.50	3 1½	2	8 - 4 - 44	12			
Spokane, Wash.	62.5	27.50	1½	1½	8 - 4 - 44	12			

PLASTERERS.

NORTH ATLANTIC.									
Boston, Mass.	70.0	28.00	2	2	8 - 0 - 40		65.0	28.60	8 - 4 - 44
Bridgeport, Conn.	60.0	26.40	2	2	8 - 4 - 44	12			
Buffalo, N. Y.	60.0	26.40	2	2	8 - 4 - 44	8			
Fall River, Mass.	60.0	26.40	1½	1½	8 - 4 - 44		60.0	28.80	8 - 8 - 48
Manchester, N. H.	63.0	26.40	3 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Newark, N. J.	70.0	31.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
New Haven, Conn.	63.0	26.40	2	2	8 - 4 - 44	12			
New York, N. Y.	75.0	33.00	2	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Philadelphia, Pa.	75.0	26.00	8 1½	9 2	8 - 0 - 40		62.5	25.00	8 - 0 - 40
Pittsburgh, Pa.	75.0	33.00	2	2	8 - 4 - 44	12	71.9	31.63	8 - 4 - 44
Providence, R. I.	62.5	27.50	2	2	8 - 4 - 44	12			
Rochester, N. Y.	67.5	29.70	11 1½	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Seranton, Pa.	65.0	28.60	1½	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44
Worcester, Mass.	65.0	28.60	1½	2	8 - 4 - 44				
SOUTH ATLANTIC.									
Atlanta, Ga.	45.0	23.85	1½	2	9 - 8 - 53				
Baltimore, Md.	62.5	27.50	2	2	8 - 4 - 44	12			
Charleston, S. C.	40.0	21.60	1½	2	9 - 8 - 53				
Jacksonville, Fla.	62.5	30.00	1½	2	8 - 8 - 48				
Washington, D. C.	62.5	27.50	2	2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	2	9 2	8 - 4 - 44	12			
Cincinnati, Ohio.	75.0	33.38	1½	9 2	8 - 4½ - 44½	12			
Cleveland, Ohio.	63.8	30.25	2	2	8 - 4 - 44	12			
Columbus, Ohio.	65.0	28.60	2	2	8 - 4 - 44	12			
Detroit, Mich.	68.8	30.25	2	2	8 - 4 - 44	12			

1 Scale became 67.5 cents on June 1, 1916.

2 Double time after 1 a. m.

3 Double time after midnight.

4 Work on Saturday afternoon prohibited.

5 Scale became 65 cents on July 1, 1916.

6 48 hours and \$28.80 per week, Nov. 15 to Mar. 15.

7 Scale became 70 cents on Sept. 1, 1916.

8 Double time after 11 p. m. and on Saturday.

9 For Sundays; work prohibited on holidays.

10 Scale became 68.8 cents and 40 hours on June 1, 1916.

11 Double time after 7 p. m.

12 Scale became 65 cents on Oct. 1, 1916.

13 Work 53 hours, paid for 54.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915.—Continued.

BUILDING TRADES—Continued.

PLASTERERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Grand Rapids, Mich.....	60.0	26.40	¹ 1½	2	8 - 4 - 44	12			
Indianapolis, Ind.....	68.8	30.59	2	2	8 - 4½ - 44½	12			
Kansas City, Mo.....	75.0	33.00	2	2	8 - 4 - 44	12			
Milwaukee, Wis.....	65.0	28.60	2	2	8 - 4 - 44	12			
Minneapolis, Minn.....	70.0	30.80	2	2	8 - 4 - 44	12			
Omaha, Nebr.....	75.0	33.00	2	2	8 - 4 - 44	12			
Peoria, Ill.....	75.0	33.00	2	2	8 - 4 - 44	12			
St. Louis, Mo.....	75.0	33.00	2	² 2	8 - 4 - 44	12			
St. Paul, Minn.....	70.0	30.80	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
SOUTH CENTRAL.									
Birmingham, Ala.....	62.5	27.50	2	2	8 - 4 - 44	12			
Dallas, Tex.....	87.5	38.50	³ 1½	2	8 - 4 - 44	12			
Houston, Tex.....	87.5	38.50	³ 2	2	8 - 4 - 44	12			
Little Rock, Ark.....	⁴ 62.5	⁵ 27.50	1½	2	⁵ 8 - 4 - 44	1	62.5	30.00	8 - 8 - 48
Louisville, Ky.....	65.0	28.60	2	2	8 - 4 - 44	12			
Memphis, Tenn.....	75.0	33.00	2	2	8 - 4 - 44	12			
New Orleans, La.....	50.0	24.00	2	2	8 - 8 - 48				
WESTERN.									
Denver, Colo.....	75.0	33.00	1½	⁶ 2	8 - 4 - 44	12			
Los Angeles, Cal.....	⁷ 75.0	33.00	1½	2	8 - 4 - 44	12			
Portland, Ore.....	75.0	33.00	2	2	8 - 4 - 44	12			
Salt Lake City, Utah.....	75.0	33.00	2	2	8 - 4 - 44	12			
San Francisco, Cal.....	87.5	35.00	2	2	8 - 0 - 40		87.5	38.50	8 - 4 - 44
Seattle, Wash.....	75.0	30.00	2	2	8 - 0 - 40		75.0	33.00	8 - 4 - 44
Spokane, Wash.....	75.0	33.00	2	2	8 - 4 - 44	12			

PLASTERERS' LABORERS.

NORTH ATLANTIC.									
City	Per hour	Per week full time	For overtime	For work on Sundays and holidays	Hours	Number of mos. with Saturday half holiday	Per hour	Per week full time	Hours
Boston, Mass.....	45.0	18.00	2	2	8 - 0 - 40	1	41.5	18.26	8 - 4 - 44
Newark, N. J.....	37.5	16.50	2	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
New York, N. Y.:									
Manhattan, Bronx, Kings, and Richmond.....	43.8	19.25	2	2	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44
Queens.....	⁸ 40.6	17.88	1½	2	8 - 4 - 44	12			
Philadelphia, Pa.....	⁹ 44.0	17.60	¹⁰ 1½	2	8 - 0 - 40	5	44.0	19.36	8 - 4 - 44
Pittsburgh, Pa.....	45.0	19.80	1½	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Rochester, N. Y.....	30.0	13.20	¹¹ 3½	2	8 - 4 - 44	12			
Seranton, Pa.....	35.0	15.40	1½	2	8 - 4 - 44	12	⁽¹²⁾	⁽¹²⁾	⁽¹²⁾
Worcester, Mass.....	40.0	17.60	1½	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44

¹ Double time after 7.30 p. m.
² Work on Saturday afternoon prohibited.
³ Double time after 7 p. m.
⁴ Scale became 75 cents on Aug. 1, 1916.
⁵ 48 hours and \$30 per week, October to March, inclusive.
⁶ For Sundays; work prohibited on holidays.
⁷ Scale became 62.5 cents on June 15, 1916.
⁸ Scale became 43.8 cents on June 1, 1916.
⁹ Scale became 46.9 cents on Aug. 14, 1916.
¹⁰ Double time after midnight.
¹¹ Actual rate, in cents, for first hour; time and a half thereafter.
¹² No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PLASTERERS' LABORERS—Concluded.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		Hours—Full days; Saturdays; Full week.
	Rate of wages—				Hours—Full days; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Washington, D. C.	Cents. 31.3	Dolls. 13.75	Regular rate multiplied by— 1½		2	12	Cents.	Dolls.	
NORTH CENTRAL.									
Chicago, Ill.	50.0	22.00	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.	45.0	20.25	1½	2	8 - 5 - 45	12			
Cleveland, Ohio.	35.0	15.40	1½	2	8 - 4 - 44	12			
Detroit, Mich.	43.8	19.25	1½	2	8 - 4 - 44	12			
Grand Rapids, Mich.: Tenders	30.0	16.20	1	1	9 - 9 - 54				
Kansas City, Mo.	45.0	19.80	2	2	8 - 4 - 44	12			
Milwaukee, Wis.	37.5	18.00	1½	2	8 - 8 - 48				
Minneapolis, Minn.: Tenders.	45.0	19.80	2	2	8 - 4 - 44	12			
Peoria, Ill.: Tenders.	40.6	17.88	2	2	8 - 4 - 44	12			
St. Louis, Mo.	56.3	24.75	2	2	8 - 4 - 44	12			
SOUTH CENTRAL.									
Birmingham, Ala.	30.0	13.20	1½	2	8 - 4 - 44	12			
Louisville, Ky.	38.0	16.72	1½	2	8 - 4 - 44	12			
New Orleans, La.	22.5	10.80	1½	2	8 - 8 - 48				
Tenders.	32.5	15.60	1½	2	8 - 8 - 48				
WESTERN.									
Denver, Colo.	43.8	19.25	1½	2	8 - 4 - 44	12			
Los Angeles, Cal.	56.3	24.75	1½	2	8 - 4 - 44	12			
Tenders.	50.0	22.00	1½	2	8 - 4 - 44	12			
Portland, Oreg.: Tenders.	50.0	24.00	2	2	8 - 8 - 48				
Salt Lake City, Utah.	56.3	24.75	1½	2	8 - 4 - 44	12			
San Francisco, Cal.	62.5	27.50	2	2	8 - 4 - 44	12			
Seattle, Wash.	50.0	22.00	1½	2	8 - 4 - 44	12			
Spokane, Wash.	56.3	24.75	2	2	8 - 4 - 44	12			

PLUMBERS AND GAS FITTERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Plumbers.	75.0	28.60	2	2	8 - 4 - 44	12			
Gas fitters.	60.0	26.40	2	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Bridgeport, Conn.	54.5	24.00	8	1	2	8 - 4 - 44	12	47.7	21.00
Buffalo, N. Y.	56.3	27.00	1½	2	9	8 - 8 - 48	3		
Fall River, Mass.	50.0	22.00	2	2	8 - 4 - 44	11	43.8	21.00	8 - 8 - 48
Manchester, N. H.	31.3	15.00	1½	1½	10	8 - 8 - 48			

¹ Double time after midnight and on Saturday afternoon.

² Scale became 40 cents on May 16, 1916.

³ And on Saturday afternoon.

⁴ Double time after 7 p. m.

⁵ Scale became 46.9 cents on June 1, 1916.

⁶ Double time after 10 p. m.

⁷ Scale became 68.8 cents on July 1, 1916.

⁸ Double time after 6 p. m.

⁹ Forty-four hours and \$24.75 per week, June to August, inclusive.

¹⁰ Scale became 44 hours on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PLUMBERS AND GAS FITTERS—Continued.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.		Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Newark, N. J.	62.5	27.50	2	2	8 - 4 -44	12			
New Haven, Conn.	54.5	23.99	2	2	8 - 4 -44	12			
New York, N. Y.:									
Manhattan, Bronx, and Brooklyn.	68.8	30.25	2	2	8 - 4 -44	12			
Queens.	62.5	27.50	2	2	8 - 4 -44	12			
Richmond.	53.1	23.38	2	2	8 - 4 -44	12			
Philadelphia, Pa.:									
Union A.	150.0	22.00	2	2	8 - 4 -44	12			
Union C.	43.8	19.25	1½	2	8 - 4 -44	12			
Pittsburgh, Pa.	68.8	30.25	1½	4	8 - 4 -44	12			
Providence, R. I.	56.3	24.75	2	2	8 - 4 -44	12			
Rochester, N. Y.	56.3	24.75	6 1½	2	8 - 4 -44	12	53.1	23.38	8 - 4 -44
Scranton, Pa.	53.1	23.38	2	2	8 - 4 -44	7	53.1	23.38	7 8 - 4 -44
Worcester, Mass.:									
Plumbers.	56.3	24.75	2	2	8 - 4 -44	12			
Gas fitters.	40.9	18.00	2	2	8 - 4 -44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.	44.4	24.00	1½	2	8 9 - 8 -53				
Baltimore, Md.	50.0	24.00	10 1½	2	8 - 8 -48				
Charleston, S. C.	43.8	21.00	1½	2	8 - 8 -48				
Jacksonville, Fla.	62.5	30.00	1½	2	8 - 8 -48				
Richmond, Va.	50.0	24.00	1½	2	8 - 8 -48				
Washington, D. C.	56.3	24.75	2	2	8 - 4 -44		56.3	27.00	8 - 8 -48
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	11 2	2	8 - 4 -44	12			
Cincinnati, Ohio.	61.8	27.50	6 1½	2	8 - 4½ -44½	12			
Cleveland, Ohio.	68.8	30.25	2	2	8 - 4 -44	12	62.5	27.50	8 - 4 -44
Columbus, Ohio.	56.3	27.00	1½	2	8 - 8 -48				
Detroit, Mich.	62.5	27.50	2	2	8 - 4 -44		60.0	28.80	8 - 8 -48
Grand Rapids, Mich.	50.0	22.00	6 1½	2	8 - 4 -44	12			
Indianapolis, Ind.	62.5	27.50	2	2	8 - 4 -44	12			
Kansas City, Mo.	75.0	33.00	2	2	8 - 4 -44	12	61.8	30.25	8 - 4 -44
Milwaukee, Wis.	62.5	27.50	16 1½	2	8 - 4 -44	12			
Minneapolis, Minn.	62.5	27.50	16 1½	2	8 - 4 -44	12			
Omaha, Nebr.	68.3	30.03	2	2	8 - 4 -44	12			
Peoria, Ill.	66.3	29.15	1½	4 2	8 - 4 -44	12	62.5	27.50	8 - 4 -44

1 Scale became 56.3 cents on Aug. 1, 1916.
 2 Scale became 50 cents on Aug. 1, 1916.
 3 Scale became 75 cents on Dec. 31, 1916.
 4 And on Saturday afternoon.
 5 Scale became 59.4 cents on June 1, 1916.
 6 Double time after midnight.
 7 Forty-eight hours and \$25.50 per week, October to April, inclusive.
 8 Work 53 hours, paid for 54.
 9 Scale became 56.3 cents and 44 hours on Aug. 1, 1916.
 10 Double time after 11 p. m. and after 4 p. m. on Saturday.
 11 Time and one-half between noon and 5 p. m. on Saturday.
 12 Scale became 64.9 cents on July 1, 1916.
 13 Scale became 75 cents on June 1, 1916.
 14 Scale became 59.4 cents on June 1, 1916, and 62.5 cents on Aug. 1, 1916.
 15 Scale became 67.5 cents on July 1, 1916.
 16 Double time after midnight and on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

PLUMBERS AND GAS FITTERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.:									
Plumbers.....	75.0	33.00	2	2	8-4-44	12			
Gas fitters.....	66.3	29.15	2	2	8-4-44	12			
St. Paul, Minn.....	62.5	27.50	2 1/2	2	8-4-44	12			
SOUTH CENTRAL.									
Birmingham, Ala.....	75.0	33.00	3 1/2	2	8-4-44	12			
Dallas, Tex.....	75.0	33.00	2	2	8-4-44	12			
Houston, Tex.....	75.0	33.00	2	2	8-4-44	12			
Little Rock, Ark.....	62.5	27.50	2	2	4 8-4-44	6			
Louisville, Ky.....	60.0	26.40	1 1/2	5 2	8-4-44	12			
Memphis, Tenn.....	62.5	30.00	3 1/2	2	8-8-48				
New Orleans, La.....	56.3	27.00	2	2	8-8-48				
WESTERN.									
Denver, Colo.....	62.5	27.50	2	2	8-4-44	12			
Los Angeles, Cal.....	56.3	27.00	2	2	8-8-48				
Portland, Ore.....	75.0	33.00	2	2	8-4-44	12			
Salt Lake City, Utah.....	75.0	33.00	2	2	8-4-44	12			
San Francisco, Cal.....	75.0	33.00	2	2	8-4-44	12			
Seattle, Wash.....	75.0	33.00	1 1/2	2	8-4-44	12			
Spokane, Wash.....	62.5	27.50	1 1/2	1 1/2	8-4-44	12			

SHEET-METAL WORKERS.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holid-days.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.:									
Building work.....	60.0	26.40	2	2	8-4-44	12	55.0	24.20	8-4-44
Railroad shops.....	30.0	16.20	1 1/2	1 1/2	9-8-53		27.5	14.85	9-8-53
Bridgport, Conn.....	54.5	24.00	7 1/2	2	8-4-44	12	47.7	21.00	8-4-44
Buffalo, N. Y.....	50.0	24.00	9 1/2	2	8-8-48	3			
Full River, Mass.....	37.5	16.50	10 2	2	8-4-44		(11)	(11)	(11)
Manchester, N. H.....	34.4	16.50	1 1/2	1 1/2	8-8-48				
Newark, N. J.....	60.0	26.40	2	2	8-4-44	12			
New Haven, Conn.:									
Building work.....	50.0	22.00	2	2	8-4-44	12	47.7	21.00	8-4-44
Railroad shops.....	30.0	16.20	1 1/2	1 1/2	9-8-53		27.5	14.85	9-8-53
New York, N. Y.:									
Manhattan, Bronx, Brook- lyn, and Queens.....	62.5	27.50	2	2	8-4-44	12			
Richmond.....	50.0	24.00	2	2	8-8-48				

¹ Scale became 75 cents on July 1, 1916.

² Double time after midnight and on Saturday afternoon.

³ Double time after midnight.

⁴ 48 hours and \$30 per week, November to April, inclusive.

⁵ And after 5 p. m. on Saturday.

⁶ Work 53 hours, paid for 54.

⁷ Double time after 6 p. m.

⁸ 44 hours and \$22 per week, June to August, inclusive.

⁹ Double time after 9 p. m.

¹⁰ Time and one-half on Saturday afternoon.

¹¹ Not organized, May 1, 1915.

¹² Scale became 62.5 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.
SHEET-METAL WORKERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Philadelphia, Pa.....	50.0	22.00	1½	2	8 -4 -42	12			
Pittsburgh, Pa.....	60.0	26.40	1½	2	8 -4 -44	12	57.5	25.30	8 -4 -44
Providence, R.I.....	50.0	22.00	1½	2	8 -4 -44	12	48.0	21.12	8 -4 -44
Rochester, N. Y.....	50.0	22.00	2 1½	2	8 -4 -44	12			
Scranton, Pa.....	3 46.9	20.63	1½	2	8 -4 -44	12			
Worcester, Mass.....	4 44.3	19.50	1½	2	8 -4 -44		40.6	19.50	8 -8 -48
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Building work.....	33.3	16.67	1½	2	9 -5 -50	12			
Railroad shops, road A.....	38.0	20.52	1½	1½	9 -9 -54		35.0	18.90	9 -9 -54
Railroad shops, road A.....	40.0	21.60	1½	1½	9 -9 -54		37.5	20.25	9 -9 -54
Railroad shops, road B.....	40.0	21.60	1½	1½	9 -9 -54		38.0	20.52	9 -9 -54
Railroad shops, road G.....	42.0	25.20	1½	1½	10-10 -60		41.0	24.60	10 -10-60
Baltimore, Md.....	5 40.0	19.20	1½	2	8 -8 -48				
Jacksonville, Fla.....	37.5	18.00	1½	1½	8 -8 -48				
Richmond, Va.:									
Railroad shops, roads A and C.....	32.0	17.28	1½	1½	9 -9 -54				
Railroad shops, road B.....	34.0	18.36	1½	1½	9 -9 -54				
Washington, D. C.....	6 50.0	22.25	1½	2	8 -4½ -44½	12			
NORTH CENTRAL.									
Chicago, Ill.:									
Building work.....	70.0	30.80	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44
Inside shopmen.....	57.5	25.30	7 1½	2	8 -4 -44	12	55.0	24.20	8 -4 -44
Inside shopmen.....	50.0	24.75	7 1½	2	9 -4½ -49½	12	45.0	22.28	9 -4½ -49½
Cincinnati, Ohio:									
Building wood.....	50.0	22.00	1½	2	8 -4 -44	12			
Coppersmiths.....	42.4	21.00	2	2	9 -4½ -49½	12			
Cleveland, Ohio.....	8 50.0	22.00	9 1½	2	8 -4 -44	12	50.0	24.00	8 -8 -48
Columbus, Ohio.....	10 37.5	18.00	1½	1½	8 -8 -48				
Detroit, Mich.....	50.0	24.00	1½	2	11 8 -8 -48	3			
Indianapolis, Ind.:									
Building work.....	55.0	24.20	1½	2	8 -4 -44	12			
Railroad shops, road A.....	28.5	19.95	1½	1	10-10 -70				
Railroad shops, road B.....	130.0	16.20	1½	1½	9 -9 -54				
Railroad shops, road B.....	127.5	14.85	1½	1½	9 -9 -54				
Railroad shops, road C.....	34.5	21.74	1½	1	9 -9 -63		32.5	20.48	9 -9 -63
Railroad shops, road F.....	29.3	20.48	1½	1	10-10 -70				

1 Double time after 9 p. m.
2 Double time after midnight.
3 Scale became 50 cents on Aug. 4, 1916.
4 Scale became 47.7 cents on Sept. 1, 1916.
5 Scale became 45 cents on July 1, 1916.
6 Scale became 56.3 cents on Sept. 1, 1916.
7 Double time after 10 p. m. and on Saturday afternoon.
8 Scale became 57.5 cents on Aug. 20, 1916.
9 Double time after 1 a. m.
10 Scale became 40.6 cents on Sept. 1, 1916.
11 Scale became 44 hours on June 1, 1916.
12 Scale became 31.5 cents on Sept. 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

SHEET-METAL WORKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rates of wages—						Rates of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Kansas City, Mo.:									
Building work.....	Cents. 62.5	Dolls. 27.50	Regular rate multiplied by— 1 1/2 2		8 - 4 - 44	12	Cents.	Dolls.	
Railroad shops, roads B and D.....	37.0	17.75	1 1/2	1 1/2	8 - 8 - 48				
Railroad shops, road E.....	37.0	19.94	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, road E.....	37.0	22.19	1 1/2	1 1/2	10 - 9 - 59				
Railroad shops, road F.....	35.0	18.86	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, road G.....	35.0	18.90	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road H.....	38.0	20.52	1 1/2	1 1/2	9 - 9 - 54				
Milwaukee, Wis.:									
Building work.....	50.0	24.00	4 1/2	2	8 - 8 - 48	3	47.5	22.80	8 - 8 - 48
Railroad shops (car dept.). Railroad shops (locomotive dept.).....	28.0	11.20	1 1/2	1 1/2	8 - 0 - 40				
Minneapolis, Minn.....	50.0	24.00	4 1/2	2	8 - 8 - 48				
Omaha, Nebr.....	42.5	18.70	1 1/2	2	8 - 4 - 44	12			
Peoria, Ill.....	45.0	21.60	1 1/2	2	8 - 8 - 48				
St. Louis, Mo.:									
Building work.....	60.0	26.40	1 1/2	2	8 - 4 - 44	12			
Railroad shops, road A.....	36.0	19.44	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	37.0	19.94	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, road C.....	38.0	20.52	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road D.....	37.5	20.25	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road E.....	37.0	19.98	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road F.....	37.0	19.98	1 1/2	1 1/2	9 - 9 - 54				
St. Paul, Minn.....	50.0	24.00	1 1/2	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.:									
Building work.....	50.0	22.00	1 1/2	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Railroad shops, road B.....	41.0	22.14	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road C.....	39.0	21.06	1 1/2	1 1/2	9 - 9 - 54		38.0	20.52	9 - 9 - 54
Railroad shops, road D.....	40.5	21.87	1 1/2	1 1/2	9 - 9 - 54		37.5	20.25	9 - 9 - 54
Railroad shops, roads E and F.....	41.0	22.14	1 1/2	1 1/2	9 - 9 - 54		38.0	20.52	9 - 9 - 54
Dallas, Tex.....	62.5	27.50	4 1/2	2	8 - 4 - 44	12			
Houston, Tex.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Little Rock, Ark.:									
Building work.....	52.5	25.20	1 1/2	2	8 - 8 - 48				
Railroad shops, road A.....	38.5	20.75	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, road B.....	38.0	20.48	1 1/2	1 1/2	9 - 8 - 53				
Louisville, Ky.....	45.0	19.80	1 1/2	2	8 - 4 - 44	12			
Memphis, Tenn.:									
Building work.....	50.0	24.00	4 1/2	2	8 - 8 - 48				
Railroad shops.....	40.0	21.60	1 1/2	1 1/2	9 - 9 - 54				
New Orleans, La.....	40.0	19.20	4 1/2	2	8 - 8 - 48				

¹ Double time after midnight and on Saturday afternoon.

² Work 53 hours, paid for 53 hours and 53 minutes.

³ Work 59 hours, paid for 59 hours and 59 minutes.

⁴ Double time after midnight.

⁵ 44 hours per week, June 15 to Sept. 15.

⁶ Scale became 50 hours on July 21, 1916.

⁷ Scale became 50 cents on July 1, 1916.

⁸ Work 53 hours, paid for 53 hours and 53 minutes.

⁹ Scale became 47.5 cents and 44 hours on June 1, 1916.

¹⁰ Voluntarily increased to 41 cents on Aug. 1, 1916.

¹¹ And from 1 p. m. to 5 p. m. on Saturday.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.
SHEET-METAL WORKERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rates of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rates of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN.									
Denver, Colo.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Building work.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Railroad shops, road A.....	40.0	19.20	1 1/2	1 1/2	8 - 8 - 48		39.0	18.72	8 - 8 - 48
Railroad shops, road B.....	42.0	20.16	1 1/2	1 1/2	8 - 8 - 48		41.0	19.68	8 - 8 - 48
Los Angeles, Cal.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Portland, Oreg.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Salt Lake City, Utah:									
Building work.....	62.5	27.50	1 1/2	2 ²	8 - 4 - 44	12			
Railroad shops.....	44.0	21.12	1 1/2	1 1/2	8 - 8 - 48		43.0	20.64	8 - 8 - 48
San Francisco, Cal.....	68.8	30.25	2	2	8 - 4 - 44	12			
Seattle, Wash.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Spokane, Wash.....	56.3	27.00	1 1/2	1 1/2	8 - 8 - 48				

SLATE AND TILE ROOFERS.

NORTH ATLANTIC.									
Bridgeport, Conn.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Buffalo, N. Y.....	55.0	26.40	1 1/2	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Newark, N. J.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
New Haven, Conn.....	62.5	27.50	1 1/2	2	8 - 4 - 44		56.3	27.00	8 - 8 - 48
New York, N. Y.....	68.8	30.25	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	56.0	26.40	1 1/2	2	8 - 4 - 44	12			
Scranton, Pa.....	40.6	19.50	1 1/2	2	8 - 8 - 48		27.8	15.00	9 - 9 - 54
SOUTH ATLANTIC.									
Baltimore, Md.....	50.0	24.00	1 1/2	2	4 8 - 8 - 48	3			
Washington, D. C.....	56.3	25.03	1 1/2	6 ²	8 - 4 1/2 - 44 1/2	12			
NORTH CENTRAL.									
Chicago, Ill.....	72.5	31.90	2	2	8 - 4 - 44	12	70.0	30.80	8 - 4 - 44
Cincinnati, Ohio.....	50.0	22.00	1 1/2	2	8 - 4 - 44	4	50.0	24.00	8 - 8 - 48
Cleveland, Ohio.....	70.0	33.60	1 1/2	2	7 8 - 8 - 48	3	67.5	32.40	8 8 - 8 - 48
Detroit, Mich.....	50.0	22.00	10 1/2	2	9 8 - 4 - 44	4			
Kansas City, Mo.....	62.5	27.50	11 1/2	2	8 - 4 - 44	12			
Milwaukee, Wis.....	50.0	24.00	11 1/2	2	12 8 - 8 - 48	3	47.5	22.80	12 8 - 8 - 48
St. Louis, Mo.....	70.0	30.80	1 1/2	2	8 - 4 - 44	12			

1 Double time after midnight.
 2 And on Saturday afternoon.
 3 Scale became 62.5 cents on Sept. 1, 1916.
 4 45 hours and \$22.50 per week, June to August, inclusive.
 5 Scale became 60 cents on July 1, 1916.
 6 For Sundays, July 4, Labor Day, and Christmas; other holidays, time and one-half.
 7 44 hours and \$30.80 per week, June to August, inclusive.
 8 44 hours and \$29.70 per week, June to August, inclusive.
 9 48 hours and \$24 per week, September to April, inclusive.
 10 Double time after 6 p. m.
 11 Double time after midnight and on Saturday afternoon.
 12 44 hours per week, June 15 to Sept. 15.
 13 Scale became 75 cents on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

SLATE AND TILE ROOFERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays, Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
Dallas, Tex.....	Cents. 62.5	Dolls. 27.50	<i>Regular rate multi- plied by—</i> 1 ½ 2		8 - 4 - 44	12	Cents.	Dolls.	
WESTERN.									
San Francisco, Cal.....	62.5	27.50	1 ½	2	8 - 4 - 44	12			

STEAM FITTERS.

NORTH ATLANTIC.									
Boston, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Bridgeport, Conn.....	54.5	24.00	² 1	2	8 - 4 - 44	12	47.7	21.00	8 - 4 - 44
Buffalo, N. Y.....	56.3	27.00	⁴ 1 ½	2	³ 8 - 8 - 48	3			
Fall River, Mass.....	43.8	19.25	2	2	8 - 4 - 44	9	(⁵)	(⁵)	(⁵)
Manchester, N. H.....	31.3	15.00	1 ½	1 ½	⁶ 8 - 8 - 48				
Newark, N. J.....	⁷ 62.5	27.50	2	2	8 - 4 - 44	12			
New Haven, Conn.....	54.5	25.99	2	2	8 - 4 - 44	12			
New York, N. Y.....	68.8	30.25	2	2	8 - 4 - 44	12			
Philadelphia, Pa.....	50.0	22.00	2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	68.8	30.25	1 ½	⁸ 2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Providence, R. I.....	95.0	25.00	2	2	8 - 4 - 44	12	43.8	19.25	8 - 4 - 44
Rochester, N. Y.....	1056.3	24.75	⁴ 1 ½	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44
Scranton, Pa.....	53.1	25.50	2	2	¹¹ 8 - 8 - 48	3			
Worcester, Mass.....	47.7	21.00	2	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	44.4	24.00	1 ½	2	¹² 9 - 8 - 53				
Baltimore, Md.....	56.3	27.00	1 ½	¹³ 2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Charleston, S. C.....	43.8	21.00	1 ½	2	8 - 8 - 48				
Jacksonville, Fla.....	62.5	30.00	1 ½	2	8 - 8 - 48				
Richmond, Va.....	50.0	24.00	1 ½	2	8 - 8 - 48				
Washington, D. C.....	1457.5	25.30	¹⁵ 1 ½	2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.....	75.0	33.00	2	2	8 - 4 - 44	12			
Cincinnati, Ohio.....	62.5	27.50	¹⁶ 1 ½	2	8 - 4 - 44	12			
Cleveland, Ohio.....	68.8	30.25	¹⁵ 1 ½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44

¹ Double time after midnight.² Double time after 5 p. m.³ 44 hours and \$24.75 per week, June to August, inclusive.⁴ Double time after midnight.⁵ No scale on May 1, 1915.⁶ Scale became 44 hours on June 1, 1916.⁷ Scale became 68.8 cents on July 1, 1916.⁸ And on Saturday afternoon.⁹ Scale became 55 cents on Aug. 1, 1916.¹⁰ Scale became 59.4 cents on June 1, 1916.¹¹ 44 hours and \$23.38 per week, June to August, inclusive.¹² Work 53 hours, paid for 54.¹³ For Labor Day, regular rate multiplied by 4.¹⁴ Scale became 62.5 cents on July 1, 1916.¹⁵ Double time after midnight and on Saturday afternoon.¹⁶ Double time after midnight and after 5 p. m. on Saturday.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BUILDING TRADES—Continued.
STEAM FITTERS—Concluded.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		Hours—Full days; Saturdays; Full week.
	Rate of wages—				Hours—Full days; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Columbus, Ohio.....	56.3	27.00	1½	2	8 - 8 - 48				
Detroit, Mich.....	62.5	27.00	2½	2	8 - 4 - 44	3	60.0	28.80	8 - 8 - 48
Grand Rapids, Mich.....	50.0	22.00	4½	2	8 - 4 - 44	12			
Indianapolis, Ind.....	62.5	27.00	2	2	8 - 4 - 44	12			
Sprinkler fitters.....	56.3	24.75	2	2	8 - 4 - 44	12			
Kansas City, Mo.....	75.0	33.00	2	2	8 - 4 - 44	12			
Sprinkler fitters.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Milwaukee, Wis.....	56.3	24.75	6½	2	8 - 4 - 44	12			
Sprinkler fitters.....	62.5	27.50	2	2	8 - 4 - 44	12			
Minneapolis, Minn.....	62.5	27.00	2	2	8 - 4 - 44	12			
Omaha, Nebr.....	68.3	30.03	1½	2	8 - 4 - 44	12			
Peoria, Ill.....	66.3	29.15	7½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Sprinkler fitters.....	50.0	22.00	7½	2	8 - 4 - 44	12			
St. Louis, Mo.....	75.0	33.00	2	2	8 - 4 - 44	12			
St. Paul, Minn.....	62.5	30.00	4½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	75.0	33.00	4½	2	8 - 4 - 44	12			
Dallas, Tex.....	75.0	33.00	2	2	8 - 4 - 44	12			
Houston, Tex.....	75.0	33.00	2	2	8 - 4 - 44	12			
Little Rock, Ark.....	62.5	27.50	2	2	8 - 4 - 44	6			
Louisville, Ky.....	55.0	24.20	2	2	8 - 4 - 44	12			
Memphis, Tenn.....	62.5	27.50	9	2	8 - 4 - 44	12			
New Orleans, La.....	56.3	27.00	2	2	8 - 8 - 48				
WESTERN.									
Denver, Colo.....	62.5	27.50	2	2	8 - 4 - 44	12			
Los Angeles, Cal.....	56.3	27.00	2	2	8 - 8 - 48				
Portland, Ore.....	75.0	33.00	2	2	8 - 4 - 44	12			
Sprinkler fitters.....	56.3	24.75	2	2	8 - 4 - 44	12	75.0	33.00	8 - 4 - 44
Salt Lake City, Utah.....	75.0	33.00	2	2	8 - 4 - 44	12			
San Francisco, Cal.....	75.0	33.00	2	2	8 - 4 - 44	12			
Seattle, Wash.....	75.0	33.00	1½	2	8 - 4 - 44	12			
Spokane, Wash.....	62.5	27.50	1½	1½	8 - 4 - 44	12			

STEAM FITTERS' HELPERS.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.	Hours—Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	Per hour.	Per week full time.	Hours—Full days; Saturdays; Full week.
Boston, Mass.....	34.4	15.13	2	2	8 - 4 - 44	12	31.3	13.75	8 - 4 - 44
Buñalo, N. Y.....	25.0	12.00	1½	2	8 - 8 - 48	3	(10)	(10)	(10)

¹ Scale became 59.4 cents on June 1, 1916, and 62.5 cents on Aug. 1, 1916.

² Double time after first 3 hours.

³ 44 hours and \$26.40 per week, June to August, inclusive.

⁴ Double time after midnight.

⁵ Scale became 67.5 cents on July 1, 1916.

⁶ Double time after midnight and on Saturday afternoon.

⁷ Double time after 10 p. m.

⁸ 48 hours and \$30 per week, November to April, inclusive.

⁹ Double time after 6 p. m. and on Saturday afternoon.

¹⁰ No established scale.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

STEAM FITTERS' HELPERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Fall River, Mass.....	28.1	12.38	2	2	8 - 4 -44	9	(1)	(1)	
Newark, N. J.....	² 33.1	14.58	2	2	8 - 4 -44	12			
New Haven, Conn.....	25.0	11.00	2	2	8 - 4 -44	12			
New York, N. Y.....	37.5	16.50	2	2	8 - 4 -44	12			
Philadelphia, Pa.....	³ 28.1	12.38	2	2	8 - 4 -44	12			
Pittsburgh, Pa.....	37.5	16.50	1½	⁴ 2	8 - 4 -44	12			
Providence, R. I.....	31.3	13.75	2	2	8 - 4 -44	12	28.1	12.38	8 - 4 -44
Scranton, Pa.....	25.0	12.00	2	2	⁵ 8 - 8 -48	3			
Worcester, Mass.....	30.7	13.50	2	2	8 - 4 -44	12			
SOUTH ATLANTIC.									
Baltimore, Md.....	31.3	15.00	1½	⁶ 2	8 - 8 -48		28.1	13.50	8 - 8 -48
Washington, D. C.....	30.0	13.20	⁷ 1½	2	8 - 4 -44	12			
NORTH CENTRAL.									
Chicago, Ill.....	40.0	17.60	2	2	8 - 4 -44	12			
Cincinnati, Ohio.....	31.5	13.86	⁸ 1½	2	8 - 4 -44	12			
Cleveland, Ohio.....	34.4	15.13	⁹ 1½	2	8 - 4 -44	12	31.3	13.75	8 - 4 -44
Detroit, Mich.....	31.3	13.75	1½	2	8 - 4 -44	3	31.3	¹⁰ 15.00	¹⁰ 8 - 8 -48
Kansas City, Mo.....	37.5	16.50	2	2	8 - 4 -44	12			
Sprinkler fitters' helpers.....	34.4	15.13	2	2	8 - 4 -44	12			
Milwaukee, Wis.....	28.1	12.38	⁹ 1½	2	8 - 4 -44	12			
Sprinkler fitters' helpers.....	34.4	15.13	2	2	8 - 4 -44	12			
Minneapolis, Minn.....	31.3	13.75	2	2	8 - 4 -44	12			
Omaha, Nebr.....	28.1	12.38	1½	2	8 - 4 -44	12			
Peoria, Ill.....	36.3	15.95	¹¹ 1½	2	8 - 4 -44	12	34.4	15.13	8 - 4 -44
St. Louis, Mo.....	37.5	16.50	2	2	8 - 4 -44	12			
St. Paul, Minn.....	35.0	16.80	⁷ 1½	2	8 - 8 -48				
SOUTH CENTRAL.									
Dallas, Tex.....	37.5	16.50	2	2	8 - 4 -44	12			
Louisville, Ky.....	27.5	12.10	2	2	8 - 4 -44	12			
Memphis, Tenn.....	31.3	13.75	¹² 1	2	8 - 4 -44	12			
WESTERN.									
Denver, Colo.....	31.3	13.75	2	2	8 - 4 -44	12			
Portland, Oreg.....	37.5	16.50	2	2	8 - 4 -44	12			
Salt Lake City, Utah.....	31.3	13.75	2	2	8 - 4 -44	12			
San Francisco, Cal.....	37.5	16.50	2	2	8 - 4 -44	12			
Seattle, Wash.....	37.5	16.50	1½	2	8 - 4 -44	12			

¹ Not organized, May 1, 1915.

² Scale became 37.5 cents on July 1, 1916.

³ Scale became 32.5 cents on June 30, 1916.

⁴ And on Saturday afternoon.

⁵ 44 hours and \$11 per week, June to August, inclusive.

⁶ For Labor Day, regular rate multiplied by 4.

⁷ Double time after midnight.

⁸ Double time after midnight and after 5 p. m. on Saturday.

⁹ Double time after midnight and on Saturday afternoon.

¹⁰ 44 hours and \$13.75 per week, June to August, inclusive.

¹¹ Double time after 10 p. m.

¹² Double time after 6 p. m. and on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BUILDING TRADES—Continued.
STONE MASONS.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl-day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.	1 63.0	23.60	2	2	8 - 4 - 44	12			
Bridgeport, Conn.	2 63.0	26.40	2	2	8 - 4 - 44	12			
Buffalo, N. Y.	55.0	26.40	1½	2	3 8 - 8 - 48	3			
Fall River, Mass.	63.0	26.40	1½	1½	8 - 4 - 44		63.0	23.80	8 - 8 - 48
Newark, N. J.	79.0	30.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
New Haven, Conn.	55.0	24.20	2	2	8 - 4 - 44	12			
New York, N. Y.	62.5	27.50	2	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44
Reinforced concrete, and setters, cut stone	75.0	33.00	2	2	8 - 4 - 44	12			
Philadelphia, Pa.	4 55.0	24.20	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.	5 62.5	27.50	1½	2	8 - 4 - 44	12			
Providence, R. I.	65.0	28.60	1½	2	8 - 4 - 44	12			
Foundation work.	45.0	19.80	1½	2	8 - 4 - 44	12			
Rochester, N. Y.	67.5	29.70	7 1½	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Scranton, Pa.	3 53.0	24.00	1½	2	8 - 8 - 48				
Laying dressed stone	63.0	28.80	1½	2	8 - 8 - 48				
Worcester, Mass.	55.0	24.20	1½	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.	50.0	1925.00	1½	2	10 9 - 5 - 50	5	45.0	22.50	9 - 5 - 50
Baltimore, Md.	62.5	28.13	1½	2	11 8 - 5 - 45	12			
Jacksonville, Fla.	62.5	30.00	1½	2	8 - 8 - 48				
Washington, D. C.	70.0	31.50	1½	2	12 8 - 5 - 45	12	66.7	30.00	8 - 5 - 45
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.	63.0	27.00	1½	2	8 - 5 - 45	12			
Cleveland, Ohio.	73.0	30.80	1½	2	8 - 4 - 44	4			
Concrete block work.	63.0	26.40	1½	2	8 - 4 - 44	4			
Columbus, Ohio.	70.0	30.80	1½	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Detroit, Mich.	70.0	1330.00	1½	2	13 8 - 4 - 44	6	65.0	28.60	14 8 - 4 - 44
Grand Rapids, Mich.	65.0	28.60	1½	2	8 - 4 - 44	6			
Indianapolis, Ind.	70.0	30.80	15 1½	2	8 - 4 - 44	12			
Kansas City, Mo.	62.5	27.50	1½	2	8 - 4 - 44	12			
Milwaukee, Wis.	67.5	23.70	16 2	2	8 - 4 - 44	12			
Minneapolis, Minn.	65.0	28.60	1½	2	8 - 4 - 44		65.0	31.20	8 - 8 - 48
Omaha, Nebr.	75.0	33.00	2	2	8 - 4 - 44	12	70.0	30.80	8 - 4 - 44
Peoria, Ill.	75.0	33.00	2	2	8 - 4 - 44	12			
St. Louis, Mo.	70.0	30.80	2	2	8 - 4 - 44	12			
St. Paul, Minn.	65.0	31.20	1½	2	8 - 8 - 48				

¹ Scale became 70 cents on June 1, 1916.

² Scale became 65 cents on July 1, 1916.

³ 44 hours and \$24.20 per week, June to August, inclusive.

⁴ Scale became 60 cents on Aug. 1, 1916.

⁵ Scale became 65 cents on June 1, 1916.

⁶ And on Saturday afternoon.

⁷ Double time after 7 p. m.

⁸ Scale became 55 cents on July 1, 1916.

⁹ And after 5 p. m. on Saturday.

¹⁰ 53 hours and \$26.50 per week, October to April, inclusive.

¹¹ 44 hours and \$27.50 per week, November to March, inclusive.

¹² 44½ hours per week, November to April, inclusive.

¹³ 45½ hours and \$33.60 per week, December to February, inclusive.

¹⁴ 48 hours and \$31.20 per week, November to April, inclusive.

¹⁵ Double time after 7 p. m. and on Saturday afternoon.

¹⁶ Work on Saturday afternoon prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

STONE MASONS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Birmingham, Ala.....	70.0	30.80	1½	2	8 - 4 - 44	12			
Dallas, Tex.....	87.5	38.50	1½	2	8 - 4 - 44	12			
Houston, Tex.....	87.5	38.50	2	2	8 - 4 - 44	12			
Sewer work.....	100.0	44.00	2	2	8 - 4 - 44	12			
Little Rock, Ark.....	62.5	27.50	1½	2	8 - 4 - 44	5			
Louisville, Ky.....	60.0	26.40	1½	2	8 - 4 - 44	12			
Laying dressed stone.....	65.0	28.60	1½	2	8 - 4 - 44	12			
Memphis, Tenn.....	65.0	28.60	1½	2	8 - 4 - 44	12			
New Orleans, La.....	62.5	27.50	1½	2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Portland, Oreg.....	75.0	33.00	1½		8 - 4 - 44	12			
Salt Lake City, Utah.....	62.5	27.50	1½	(3)	8 - 4 - 44	12			
Seattle, Wash.....	75.0	33.00	1½	1½	8 - 4 - 44	12			
Spokane, Wash.....	75.0	33.00	1½	2	8 - 4 - 44	12			

STRUCTURAL IRON WORKERS.

NORTH ATLANTIC.									
Boston, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	62.5	27.50	1½	12	8 - 4 - 44	12			
Buffalo, N. Y.....	62.5	30.00	1½	2	4 8 - 8 - 48	4			
Newark, N. J.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
New Haven, Conn.....	62.5	27.50	1½	12	8 - 4 - 44	12			
New York, N. Y.:									
Brooklyn and Queens.....	62.5	27.50	1½	12	8 - 4 - 44	12			
Manhattan, Bronx, and Richmond.....	66.3	29.15	1½	12	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Philadelphia, Pa.....	60.0	26.40	2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	62.5	27.50	1½	12	8 - 4 - 44	12			
Providence, R. I.....	62.5	27.50	2	2	8 - 4 - 44	12			
Rochester, N. Y.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Scranton, Pa.....	62.5	30.00	1½	2	4 8 - 8 - 48	4	56.3	27.00	8 - 8 - 48
Worcester, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	62.5	27.50	1½	12	8 - 4 - 44	12			
Baltimore, Md.....	62.5	27.50	1½	12	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Richmond, Va.....	62.5	27.50	1½	12	8 - 4 - 44	12			
Washington, D. C.....	62.5	27.50	1½	12	8 - 4 - 44	12			

¹ And on Saturday afternoon.

² 48 hours and \$30 per week, October to April, inclusive.

³ For holidays, double time; for Sundays, time and one-half.

⁴ 44 hours and \$27.50 per week, June to September, inclusive.

⁵ Scale became 66.3 cents on July 1, 1916.

⁶ Scale became 65 cents on Oct. 10, 1916.

⁷ Scale became 65 cents on June 1, 1916.

⁸ Double time after 6 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
BUILDING TRADES—Continued.
STRUCTURAL IRON WORKERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.....	68.0	29.92	3 1/2	2	8 - 4 - 44	8			
Cincinnati, Ohio.....	62.5	27.81	1 1/2	4 2	8 - 4 - 44 1/2	12			
Cleveland, Ohio.....	70.0	30.80	1 1/2	4 2	8 - 4 - 44	6			
Columbus, Ohio.....	60.0	26.40	1 1/2	4 2	8 - 4 - 44	10	(6)	(6)	
Detroit, Mich.....	65.0	28.60	2	4 2	8 - 4 - 44	11	65.0	31.20	8 - 8 - 48
Grand Rapids, Mich.....	65.0	28.60	2	2	8 - 4 - 44	12			
Indianapolis, Ind.....	70.0	30.80	1 1/2	2	8 - 4 - 44	12			
Kansas City, Mo.....	68.8	30.25	1 1/2	4 2	8 - 4 - 44	12			
Milwaukee, Wis.....	62.5	27.50	3 1/2	2	7 8 - 4 - 44	6			
Minneapolis, Minn.....	62.5	27.50	3 1/2	2	8 8 - 4 - 44	4			
Omaha, Nebr.....	65.0	28.60	3 1/2	2	9 8 - 4 - 44	6	62.5	27.50	7 8 - 4 - 44
Peoria, Ill.....	62.5	27.50	3 1/2	2	8 - 4 - 44	12			
St. Louis, Mo.....	67.5	29.70	3 1/2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
St. Paul, Minn.....	62.5	30.00	3 1/2	2	10 8 - 8 - 48	4			
SOUTH CENTRAL.									
Birmingham, Ala.....	62.5	27.50	11 1/2	2	8 - 4 - 44	12			
Dallas, Tex.....	67.5	29.70	12 1/2	13 2	8 - 4 - 44	12			
Houston, Tex.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Reinforced concrete.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Louisville, Ky.....	50.0	22.00	1 1/2	4 2	8 - 4 - 44	12			
Memphis, Tenn.....	65.0	28.60	2	2	8 - 4 - 44	12			
New Orleans, La.....	62.5	27.50	1 1/2	4 2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	62.5	27.50	1 1/2	4 2	8 - 4 - 44	12			
Los Angeles, Cal.....	50.0	24.00	3 1/2	2	8 - 8 - 48				
Portland, Ore.....	62.5	27.50	1 1/2	4 2	8 - 4 - 44	12			
Reinforced ironwork.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			
Salt Lake City, Utah.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
San Francisco, Cal.....	75.0	33.00	3 1/2	2	8 - 4 - 44	12			
Housesmiths.....	44.4	24.00	2	2	14 9 - 9 - 54				
Seattle, Wash.....	62.5	27.50	3 1/2	2	8 - 4 - 44	12			
Reinforced ironwork.....	56.3	24.75	3 1/2	2	8 - 4 - 44	12			
Spokane, Wash.....	62.5	27.50	1 1/2	4 2	8 - 4 - 44	12			
Concrete construction.....	56.3	24.75	1 1/2	2	8 - 4 - 44	12			

1 Scale became 69 cents on May 31, 1916.

2 48 hours and \$32.64 per week, December to March, inclusive.

3 Double time after 7 p. m.

4 And on Saturday afternoons.

5 48 hours and \$33.60 per week, October to March, inclusive.

6 No scale on May 1, 1915.

7 48 hours and \$30 per week, November to April, inclusive.

8 48 hours and \$30 per week, September to April, inclusive.

9 48 hours and \$31.20 per week, November to April, inclusive.

10 44 hours and \$27.50 per week, June to September, inclusive.

11 Double time after midnight.

12 Double time after 7 p. m. and on Saturday afternoon.

13 For Labor Day, regular rate multiplied by 3.

14 Scale became 48 hours on July 10, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

STRUCTURAL-IRON WORKERS: Finishers.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half hol- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Buffalo, N. Y.....	62.5	30.00	1½	2	2 8 - 8 - 48	4			
Newark, N. J.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
New Haven, Conn.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
New York, N. Y.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Philadelphia, Pa.....	60.0	26.40	2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	62.5	27.50	6 1½	1 2	8 - 4 - 44	12			
Providence, R. I.....	62.5	27.50	2	2	8 - 4 - 44	12			
Rochester, N. Y.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Scranton, Pa.....	62.5	30.00	1½	2	2 8 - 8 - 48	4	56.3	27.00	7 8 - 8 - 48
Worcester, Mass.....	62.5	27.50	2	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Baltimore, Md.....	62.5	27.50	1½	1 2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Richmond, Va.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Washington, D. C.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
NORTH CENTRAL.									
Chicago, Ill.....	70.0	30.80	8 1½	2	8 - 4 - 44	12	67.5	29.70	8 - 4 - 44
Cincinnati, Ohio.....	56.3	25.03	1½	1 2	8 - 4½ - 44½	12			
Cleveland, Ohio.....	70.0	30.80	1½	1 2	8 - 4 - 44	6			
Detroit, Mich.....	65.0	28.60	2	1 2	8 - 4 - 44	11	65.0	31.20	8 - 8 - 48
Grand Rapids, Mich.....	65.0	28.60	2	2	8 - 4 - 44	12			
Indianapolis, Ind.....	70.0	30.80	1½	2	8 - 4 - 44	12			
Kansas City, Mo.....	68.8	30.25	1½	1 2	8 - 4 - 44	12			
Milwaukee, Wis.....	62.5	27.50	10 1½	2	9 8 - 4 - 44	6			
Minneapolis, Minn.....	62.5	27.50	1½	2	11 8 - 4 - 44	4			
Omaha, Nebr.....	65.0	28.60	10 1½	2	12 8 - 4 - 44	6	62.5	27.50	9 8 - 4 - 44
Peoria, Ill.....	62.5	27.50	10 1½	2	8 - 4 - 44	12			
St. Louis, Mo.....	67.5	29.70	10 1½	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
St. Paul, Minn.....	62.5	30.00	10 1½	2	2 8 - 8 - 48	4			
SOUTH CENTRAL.									
New Orleans, La.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Los Angeles, Cal.....	50.0	24.00	10 1½	2	8 - 8 - 48				
Portland, Oreg.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Salt Lake City, Utah.....	62.5	27.50	1½	2	8 - 4 - 44	12			
San Francisco, Cal.....	62.5	27.50	2	2	8 - 4 - 44	12			
Seattle, Wash.....	62.5	27.50	10 1½	2	8 - 4 - 44	12			

¹ And on Saturday afternoon.

² 44 hours and \$27.50 per week, June to September, inclusive.

³ Scale became 66.3 cents on Sept. 1, 1916.

⁴ Scale became 65 cents on Oct. 10, 1916.

⁵ Scale became 65 cents on June 1, 1916.

⁶ Double time after 6 p. m.

⁷ 44 hours and \$24.75 per week, June to September, inclusive.

⁸ Double time after 7 p. m. and on Saturday afternoon.

⁹ 48 hours and \$30 per week, November to April, inclusive.

¹⁰ Double time after 7 p. m.

¹¹ 48 hours and \$30 per week, September to April, inclusive.

¹² 48 hours and \$31.20 per week, November to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

STRUCTURAL-IRON WORKERS: Finishers' helpers.

Geographical division and city.	May 15, 1916.						* May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	45.0	19.80	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	40.0	17.60	1½	1 2	8 - 4 - 44	12			
Buffalo, N. Y.....	35.0	16.80	1½	2	2 8 - 8 - 48	4			
Newark, N. J.....	60.0	22.00	2	2	8 - 4 - 44	12	43.8	19.25	8 - 4 - 44
New Haven, Conn.....	40.0	17.60	1½	1 2	8 - 4 - 44	12			
New York, N. Y.....	3 43.8	19.25	1½	2	8 - 4 - 44	12			
Philadelphia, Pa.....	4 45.0	19.80	2	2	8 - 4 - 44	12			
Pittsburgh, Pa.....	5 42.5	19.80	6 1½	1 2	8 - 4 - 44	12			
Providence, R. I.....	42.5	18.70	2	2	8 - 4 - 44	12			
Rochester, N. Y.....	34.4	15.13	1½	2	8 - 4 - 44	12			
Worcester, Mass.....	45.0	19.80	2	2	8 - 4 - 44	12			
SOUTH ATLANTIC.									
Atlanta, Ga.....	31.3	13.75	1½	1 2	8 - 4 - 44	12			
Baltimore, Md.....	37.5	16.50	1½	1 2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
Richmond, Va.....	35.0	15.40	1½	1 2	8 - 4 - 44	12	31.3	13.75	8 - 4 - 44
Washington, D. C.....	35.0	15.40	1½	1 2	8 - 4 - 44	12			
NORTH CENTRAL.									
Cincinnati, Ohio.....	35.0	15.58	1½	1 2	8 - 4 1/2 - 44 1/2	12			
Cleveland, Ohio.....	40.0	17.60	1½	1 2	8 - 4 - 44	6			
Detroit, Mich.....	40.0	17.60	2	2	8 - 4 - 44	11	40.0	19.20	8 - 8 - 48
Grand Rapids, Mich.....	40.0	17.60	2	2	8 - 4 - 44	12			
SOUTH CENTRAL.									
Memphis, Tenn.....	35.0	15.40	2	2	8 - 4 - 44	12			
WESTERN.									
San Francisco, Cal.:									
Inside.....	33.3	18.00	2	2	7 9 - 9 - 54				
Outside.....	37.5	16.50	2	2	8 - 4 - 44	12			

TILE LAYERS.

NORTH ATLANTIC.									
Boston, Mass.....	8 68.8	30.25	2	2	8 8 - 4 - 44	12			
Bridgeport, Conn.....	68.8	30.25	2	2	8 - 4 - 44	12			
Buffalo, N. Y.....	60.0	28.80	10 1½	2	9 8 - 8 - 48	3	57.5	27.60	11 8 - 8 - 48

1 And on Saturday afternoon.
 2 44 hours and \$15.40 per week, June to September, inclusive.
 3 Scale became 47.5 cents on Sept. 1, 1916.
 4 Scale became 50 cents on July 10, 1916.
 5 Scale became 47.5 cents on June 1, 1916.
 6 Double time after 6 p. m.
 7 Scale became 48 hours on July 10, 1916.
 8 Scale became 75 cents and 40 hours on June 1, 1916.
 9 44 hours and \$26.40 per week, June to August, inclusive.
 10 Double time after midnight.
 11 44 hours and \$25.30 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Continued.

TILE LAYERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holy	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- idays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Newark, N. J.	62.5	27.50	2	2	8 - 4 - 44	12			
New York, N. Y.	68.8	30.25	2	2	8 - 4 - 44	12			
Philadelphia, Pa.	65.0	28.60	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 41
Pittsburgh, Pa.	65.0	28.60	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Providence, R. I.	62.5	27.50	1½	2	8 - 4 - 44	12			
Rochester, N. Y.	69.0	26.40	3 1½	2	8 - 4 - 44	12	57.5	25.30	8 - 4 - 44
Scranton, Pa.	57.5	25.30	1½	2	8 - 4 - 44	4	50.0	24.00	8 - 8 - 48
SOUTH ATLANTIC.									
Baltimore, Md.	50.0	24.00	1½	2	8 - 8 - 48				
Washington, D. C.	56.3	24.75	1½	2	8 - 4 - 44	4	56.3	27.00	8 - 8 - 48
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.	68.8	30.25	2	2	8 - 4 - 44	12			
Cleveland, Ohio.	65.0	28.60	1½	2	8 - 4 - 44	8	59.4	28.50	8 - 8 - 48
Detroit, Mich.	60.0	28.80	1½	2	8 - 8 - 48	3			
Grand Rapids, Mich.	62.5	27.50	1½	2	8 - 4 - 44	2			
Indianapolis, Ind.	62.5	27.50	3 1½	2	8 - 4 - 44	12	(⁶)	(⁶)	(⁶)
Kansas City, Mo.	75.0	33.00	7 1½	2	8 - 4 - 44	12			
Milwaukee, Wis.	65.0	28.60	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Minneapolis, Minn.	65.6	28.88	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Omaha, Nebr.	68.8	30.25	7 1½	2	8 - 4 - 44	12			
St. Louis, Mo.	68.8	30.25	1½	2	8 - 4 - 44	12			
St. Paul, Minn.	65.6	28.88	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
SOUTH CENTRAL.									
Dallas, Tex.	75.0	36.00	3 1½	2	8 - 8 - 48		70.0	33.60	8 - 8 - 48
Houston, Tex.	75.0	36.00	1½	2	8 - 8 - 48		70.0	33.60	8 - 8 - 48
WESTERN.									
Denver, Colo.	62.5	27.50	3 1½	2	8 - 4 - 44	12			
Los Angeles, Cal.	56.3	27.00	3 1½	2	8 - 8 - 48		62.5	30.00	8 - 8 - 48
Portland, Oreg.	68.8	33.00	1½	2	8 - 8 - 48				
Salt Lake City, Utah.	68.8	30.25	1½	2	8 - 4 - 44		(⁶)	(⁶)	(⁶)
San Francisco, Cal.	75.0	33.00	2	2	8 - 4 - 44	12			
Seattle, Wash.	75.0	36.00	3 1½	2	8 - 8 - 48		68.8	33.00	8 - 8 - 48

1 Scale became 68.8 cents on Sept. 1, 1916.

2 And on Saturday afternoon.

3 Double time after midnight.

4 Scale became 69 cents on Dec. 22, 1916.

5 44 hours and \$26.40 per week, June to August inclusive.

6 No scale on May 1, 1915.

7 Double time after midnight and on Saturday afternoon.

8 Not organized on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

BUILDING TRADES—Concluded.

TILE LAYERS' HELPERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	37.5	16.50	2	2	8 - 4 - 44	12			
Bridgeport, Conn.....	41.3	18.15	2	2	8 - 4 - 44	12			
Buffalo, N. Y.....	30.0	14.40	⁸ 1½	2	8 - 8 - 48	3			
Newark, N. J.....	37.5	16.50	2	2	8 - 4 - 44	12			
New York, N. Y.....	40.6	17.88	2	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44
Philadelphia, Pa.....	39.0	17.16	1½	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44
Pittsburgh, Pa.....	36.3	15.95	1½	⁵ 2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
Providence, R. I.....	31.4	15.13	1½	2	8 - 4 - 44	12			
Rochester, N. Y.....	31.0	13.20	³ 1½	2	8 - 4 - 44	12			
Scranton, Pa.....	30.0	13.20	1½	2	8 - 4 - 44	4	(⁶)	(⁶)	(⁶)
SOUTH ATLANTIC.									
Washington, D. C.....	25.0	11.00	1½	2	8 - 4 - 44	2	(⁷)	(⁷)	(⁷)
NORTH CENTRAL.									
Chicago, Ill.....	43.8	19.25	1½	2	8 - 4 - 44	12			
Cincinnati, Ohio.....	37.5	16.50	1½	2	8 - 4 - 44	12			
Cleveland, Ohio.....	34.4	15.13	1½	2	8 - 4 - 44	8	31.3	15.00	8 - 8 - 48
Detroit, Mich.....	31.3	⁹ 15.00	1½	2	8 - 8 - 48	3			
Grand Rapids, Mich.....	31.3	13.75	1½	2	8 - 4 - 44	2	(⁶)	(⁶)	(⁶)
Indianapolis, Ind.....	31.3	13.75	³ 1½	2	8 - 4 - 44	12			
Kansas City, Mo.....	37.5	16.50	¹⁰ 1½	2	8 - 4 - 44	12			
Milwaukee, Wis.....	37.5	16.50	1½	2	8 - 4 - 44	12	34.4	15.13	8 - 4 - 44
Minneapolis, Minn.....	31.4	15.13	1½	⁸ 2	8 - 4 - 44	12			
Omaha, Nebr.....	37.5	16.50	¹⁰ 1½	2	8 - 4 - 44	12			
St. Louis, Mo.....	37.5	16.50	1½	⁸ 2	8 - 4 - 44	12			
St. Paul, Minn.....	34.4	15.13	1½	⁸ 2	8 - 4 - 44	12			
WESTERN.									
Denver, Colo.....	34.4	15.13	³ 1½	2	8 - 4 - 44	12			
Los Angeles, Cal.....	31.3	15.00	³ 1½	2	8 - 8 - 48		34.4	16.50	8 - 8 - 48
Portland, Ore.....	40.6	19.50	1½	2	8 - 8 - 48				
Salt Lake City, Utah.....	34.4	15.13	1½	2	8 - 4 - 44		(⁶)	(⁶)	(⁶)
San Francisco, Cal.....	37.5	16.50	2	2	8 - 4 - 44	12			

1 Scale became 41.3 cents and 40 hours on June 1, 1916.
 2 44 hours and \$13.20 per week, June to August, inclusive.
 3 Double time after midnight.
 4 Scale became 40.6 cents on Sept. 1, 1916.
 5 Work on Saturday afternoon prohibited.
 6 No scale on May 1, 1915.
 7 Not organized on May 1, 1915.
 8 And on Saturday afternoon.
 9 44 hours and \$13.75 per week, June to August, inclusive.
 10 Double time after midnight and on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS.

CHAUFFEURS.

Geographical division and city.	May 15, 1916.					May 1, 1915.				
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full days; Saturdays; Full week.	
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.		
NORTH ATLANTIC.										
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>		
Boston, Mass.....	25.0	15.75	1	30c.	1					
Extra.....	25.0	14.00	1	2 $\frac{1}{4}$	1					
Building material.....	35.2	19.00	1	25c.	2					
Electric car, department store.....	31.5	17.00	1		2					
Gasoline car, department store.....	33.3	18.00	1		2					
Electric truck, coal delivery.....	30.6	16.50	1	30c.	2	6	29.6	16.00	9-4 $\frac{1}{2}$ -49 $\frac{1}{2}$	
Gasoline truck, coal deliv- ery.....	34.3	18.50	1	34c.	2	6	33.3	18.00	9-4 $\frac{1}{2}$ -49 $\frac{1}{2}$	
Heavy auto truck, baggage transfer.....	30.0	18.00	1	35c.	2					
Light auto truck, baggage transfer.....	26.7	16.00	1	35c.	2					
Lumber delivery.....	30.9	17.00	1		2	12				
Milk delivery.....	31.7	20.00	1		1		(?)	(?)	(?)	
Newspaper and mail deliv- ery.....	28.3	17.00	1	30c.	1					
Piano and furniture deliv- ery.....	31.8	21.00	1	40c.	2		30.3	20.00	11-11-66	
Touring car, public service.....	27.2	20.00	1	30c.	1	10	104-104-734			
Taxicab.....	27.5	19.25	1	30c.	1	10	10-10-70	23.8	17.50	10 $\frac{1}{2}$ -10 $\frac{1}{2}$ -73 $\frac{1}{2}$
General—										
Union A.....	22.7	17.50	1	30c.	1					
Union B.....	25.8	17.00	1	35c.	2					
Helpers—										
Building material.....	25.9	14.00	1	25c.	2					
Heavy auto truck, bag- gage transfer.....	21.7	13.00	1	25c.	2					
Light auto truck, bag- gage transfer.....	18.3	11.00	1	25c.	2					
Buffalo, N. Y.:										
Coal delivery.....	27.0	17.00	1 $\frac{1}{2}$		11	2				
Department store.....	30.0	18.00	1 $\frac{1}{2}$		11	2				
Ice delivery.....	30.0	18.00	1 $\frac{1}{2}$		2					
Helpers—										
Coal.....	22.2	14.00	1 $\frac{1}{2}$		11	2				
Department store.....	22.5	13.50	1 $\frac{1}{2}$		11	2				
Newark, N. J.:										
Auto truck, beef and pro- visions.....	33.3	20.00	1	1	1					
Electric truck.....	30.0	18.00	1	1 $\frac{1}{2}$						
Local express.....	35.0	21.00	1 $\frac{1}{2}$	30c.	2		33.3	20.00	10-10-60	
Manufacturing shops.....	33.3	20.00	1	1 $\frac{1}{2}$	2		28.3	17.00	10-10-60	

¹ Actual rate, in cents, per hour.

² And on Saturday afternoon.

³ Work 50 hours; paid for 54.

⁴ Scale became 31.5 cents on June 1, 1916.

⁵ Work 49 $\frac{1}{2}$ hours, paid for 54, April to September, inclusive; 54 hours, October to March, inclusive.

⁶ Scale became 35.2 cents on June 1, 1916.

⁷ 9 hours per day, 50 per week, September to April, inclusive.

⁸ Allowed 1 day off every 3 weeks, October to May, inclusive, and 1 week's vacation each year with pay.

⁹ No scale on May 1, 1915.

¹⁰ Allowed 1 day off each month with pay.

¹¹ For Sundays; work on holidays prohibited.

¹² Actual rate, in cents, per hour, in Newark; \$2 per trip to New York City.

¹³ For Sundays; holidays off with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Newark, N. J.—Concluded.									
3-ton truck.....	130.0	18.00	1	1½	10 -10 -60				
5-ton truck.....	233.3	20.00	1	1½	10 -10 -60				
Truck, over 7 tons.....	41.7	25.00	1	1½	10 -10 -60				
Helpers.....	20.0	12.00	1	2	10 -10 -60				
Beef and provisions.....	323.3	14.00	1	1	10 -10 -60				
Manufacturing shops.....	20.0	12.00	1	2	10 -10 -60	16.7	10.00	10 -10 -60	
New York, N. Y.									
Truck, over 2 tons, fish.....	38.3	23.00	(5)	2	10 -10 -60	35.0	21.00	10 -10 -60	
Truck, over 2 tons, produce.....	41.7	25.00	6 35c.	1½	10 -10 -60	(7)	(7)	(7)	
Truck, under 2 tons, produce.....	37.9	25.00	6 35c.	1½	11 -11 -66	(7)	(7)	(7)	
Auto truck, 2 tons or under.....	31.8	21.00	6 35c.	1½	11 -11 -66	(7)	(7)	(7)	
3-ton electric truck.....	824.2	16.00	6 30c.	9 1	10 10 -10 -66				
3½-ton electric or gasoline truck.....	28.3	17.00	11 30c.	2	10 -10 -60				
3-ton gasoline truck.....	126.5	17.50	6 30c.	9 1	10 10 -10 -66				
5-ton electric truck.....	31.7	19.00	11 30c.	2	10 -10 -60				
5-ton gasoline truck.....	33.3	20.00	11 30c.	2	10 -10 -60				
Gasoline truck.....	35.0	21.00	11 30c.	2	10 -10 -60				
3 to 5 ton trucks.....	46.3	25.00	6 45c.	2	9 - 9 -54	41.7	25.00	10 -10 -60	
5 to 7 ton trucks, excavating.....	30.3	20.00	1	1½	11 -11 -66				
7 to 10 ton trucks, excavating.....	33.3	22.00	1	1½	11 -11 -66				
Coal and asphalt.....	37.9	25.00	1	1½	11 -11 -66				
Electric van, furniture and storage.....	36.7	22.00	13 1	2	14 10 -10 -60	3			
Gasoline truck, furniture and storage.....	30.0	18.00	1	1½	10 -10 -60				
Light truck.....	33.3	20.00	1	1½	10 -10 -60				
Piano moving.....	27.8	15.00	6 45c.	2	9 - 9 -54	25.0	15.00	10 -10 -60	
Taxicab.....	37.0	20.00	6 45c.	2	9 - 9 -54	33.3	20.00	10 -10 -60	
Touring car.....	27.5	19.25	1	1	10 -10 -70	25.0	17.50	10 -10 -70	
Helpers—	30.0	21.00	1	1	10 -10 -70				
Auto truck.....	28.3	17.00	(5)	2	10 -10 -60	26.7	16.00	10 -10 -60	
Coal and asphalt.....	25.0	15.00	13 1	2	14 10 -10 -60	3			
Furniture and storage.....	25.8	15.50	1	1½	10 -10 -60	25.0	15.00	10 -10 -60	
Produce.....	27.3	18.00	6 35c.	1½	11 -11 -66	(15)	(15)	(15)	
Auto truck, 2 tons or under.....	1915.2	10.00	6 20c.	9 1	10 10 -10 -66				

1 Scale became 37.5 cents on Sept. 7, 1916.
 2 Scale became 41.7 cents on Sept. 7, 1916.
 3 Scale became 36.7 cents on Aug. 1, 1916.
 4 For Sundays; holidays off, with pay.
 5 Overtime work prohibited.
 6 Actual rate, in cents, per hour.
 7 Not organized on May 1, 1915.
 8 Scale became 25.8 cents on Aug. 24, 1916.
 9 Allowed every other Sunday and holiday off with pay.
 10 For Sundays, 6 hours.
 11 Actual rate, in cents, per hour until 9 p. m.; 45 cents per hour thereafter.
 12 Scale became 28 cents on Aug. 24, 1916.
 13 Double time after 7.30 p. m.
 14 55 hours per week, June to August, inclusive.
 15 Not organized, May 1, 1915.
 16 Scale became 18.2 cents on Aug. 24, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Auto truck.....	28.6	18.00	1 25c.	1	10 - 6 - 56	12			
3-ton truck, coal.....	25.0	15.00	2 25c.	1	10 -10 - 60		27.3	14.00	10 -10 - 60
4-ton truck, coal.....	26.7	18.00	2 25c.	1	10 -10 - 60		25.0	15.00	10 -10 - 60
Taxicab.....	20.8	15.00	1 1/2	1	12 -12 - 72				
Touring car.....	22.9	16.50	1 1/2	1	12 -12 - 72				
Pittsburgh, Pa.:	31.1	16.80	1	1	9 - 9 - 54				
Furniture delivery.....	30.0	18.00	1	1	10 -10 - 60		(³)	(³)	(³)
Light Ford cars.....	20.0	12.00	1	1	10 -10 - 60		(³)	(³)	(³)
Light package delivery.....	28.3	17.00	1	1	10 -10 - 60		(³)	(³)	(³)
Helpers, furniture.....	23.3	14.00	1	1	10 -10 - 60		(³)	(³)	(³)
Providence, R. I.:									
Coal delivery.....	30.0	18.00	1 1/2	2	10 -10 - 60				
Department store and furniture.....	26.7	16.00	1 1/2	2	10 -10 - 60				
Helpers, department store and furniture.....	20.0	12.00	1 1/2	2	10 -10 - 60				
Rochester, N. Y.:	30.0	18.00	4 1/2	2	10 -10 - 60		27.3	18.00	11 -11 - 66
Auto truck.....	26.7	16.00	4 1/2	2	10 -10 - 60		(³)	(³)	(³)
Ice delivery.....	27.4	20.00	1	6 50c.	6 12 -13 - 73				
Scranton, Pa.:									
Large truck.....	36.4	18.00	1	7 2	9 - 44 - 49 1/2	12			
Milk delivery.....	30.0	21.00	1	1	8 10 -10 - 70		(³)	(³)	(³)
Small truck.....	28.3	14.00	1	7 1	9 - 44 - 49 1/2	12			
Worcester, Mass.:	21.4	15.00	1 25c.	1	10 -10 - 70		(³)	(³)	(³)
Coal delivery.....	32.7	18.00	1 1/2	1 1/2	10 - 5 - 55	1	(³)	(³)	(³)
NORTH CENTRAL.									
Chicago, Ill.:	35.0	21.00	1	1	10 -10 - 60				
Auto truck.....	27.0	20.77	1	1	9 11 -11 - 77				
Baggage and parcel.....	32.6	21.50	1 35c.	1 35c.	11 -11 - 66		31.8	21.00	11 -11 - 66
Bakery.....	33.3	20.00	1	(¹⁰)	10 -10 - 60				
Bone and tallow.....	33.3	20.00	1	1	10 -10 - 60				
Coal delivery.....	35.0	21.00	1 55c.	1 1/2	10 -10 - 60				
Department stores.....	37.5	22.50	1 50c.	1 1/2	10 -10 - 60				
Light delivery car, department stores.....	30.0	18.00	1 50c.	1 1/2	10 -10 - 60				
Department stores and furniture.....	35.0	21.00	1	1 1/2	10 -10 - 60				
Furniture delivery.....	33.3	21.00	1 45c.	1 1/2	10 1/2 -10 1/2 - 63				
Grocery and market.....	30.0	18.00	1 50c.	1 1/2	10 -10 - 60				
Ice delivery.....	35.0	21.00	1 35c.	2	10 -10 - 60		33.3	20.00	10 -10 - 60

1 Actual rate, in cents, per hour.
 2 Actual rate, in cents, per hour until 9 p. m.; time and one-half thereafter.
 3 No scale on May 1, 1915.
 4 Double time after midnight.
 5 48 hours and \$16.67 per week, November to April, inclusive.
 6 Actual rate, in cents, per hour for Sundays; for holidays regular rate.
 7 70 cents per hour on Labor Day.
 8 Allowed 1 day off each month and 1 week off each year with pay.
 9 Allowed 1 day off every 2 weeks with pay.
 10 \$3 per day.
 11 For Sundays; do not work on holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.	<i>Regular rate multi- plied by—</i>								
Chicago, Ill.—Continued.	<i>Cents.</i>	<i>Dolls.</i>		<i>(?)</i>			<i>Cents.</i>	<i>Dolls.</i>	
Laundry.....	29.6	15.00	1	1	9 - 9 -54				
Laundry and towels.....	33.3	18.00	1½	2	9 - 9 -54				
Livery.....	24.7	18.00	4 35c.	1	5 10½ -10 -73	20.2	17.00	5 12 -12 -84	
Livery and public carriages.....	28.6	20.00	4 50c.	1	5 10 -10 -70				
Milk, daywork.....	46.3	25.00	1½	1	8 - 6 -54	42.6	23.00	8 - 6 -54	
Milk, extra men and ped- dlers.....	37.0	20.00	1½	1	8 - 6 -54	33.3	18.00	8 - 6 -54	
Milk, nightwork.....	48.1	25.00	1½	1	8 - 6 -54	44.4	24.00	8 - 6 -54	
Motor carriages.....	18.0	13.85	4 30c.	4 30c.	5 11 -11 -77				
Piano delivery.....	39.7	25.00	4 45c.	1½	10½ -10½ -63				
Piano delivery.....	43.3	25.00	4 60c.	5 50c.	10 -10 -60	39.7	25.00	10½ -10½ -63	
Roofing material.....	31.8	21.00	4 50c.	2	11 -11 -66				
Wreck or line, street rail- ways.....	31.5	20.77	1½	1½	11 -11 -66				
Commission auto truck, brick.....	45.0	27.00	4 45c.	1½	10 -10 -60	40.0	24.00	10 -10 -60	
Truck, 4 tons or less, brick.....	36.0	21.60	4 45c.	1½	10 -10 -60	33.0	19.80	10 -10 -60	
Truck, over 4 tons, brick.....	41.5	24.90	4 45c.	1½	10 -10 -60	38.5	23.10	10 -10 -60	
Truck, 3 tons or over, com- mission house.....	32.6	21.50	4 50c.	1½	11 -11 -66				
Truck, 4 tons or less, build- ing material.....	32.5	19.50	1½	1½	10 -10 -60				
Truck, 4 tons or over, brick, sand and terra cotta.....	37.5	22.50	1½	1½	10 -10 -60				
Truck, 1½ to 2½ tons, lum- ber, box and shavings.....	27.3	18.00	4 40c.	1½	11 -11 -66				
Truck, 2½ to 4 tons, lum- ber, box and shavings.....	28.8	19.00	4 40c.	1½	11 -11 -66				
Truck, over 4 tons, lum- ber, box and shavings.....	30.3	20.00	4 40c.	1½	11 -11 -66				
Truck, 2 tons, machinery moving.....	29.5	19.50	4 50c.	1½	11 -11 -66				
Truck, 3 tons, machinery moving.....	31.8	21.00	4 50c.	1½	11 -11 -66				
Truck, less than 2 tons, packing house.....	26.0	16.38	1	1½	11 10 -7½ -63	12	21.5	14.81	11 10 -7½ -63
Truck, 2 tons, packing house.....	29.0	18.27	1	1½	11 10 -7½ -63	12	26.5	16.70	11 10 -7½ -63
Truck, 3 or 4 tons, packing house.....	32.5	20.48	1	1½	11 10 -7½ -63	12	31.5	19.85	11 10 -7½ -63
Truck, 4 tons or less, stone, lime and cement.....	28.8	19.00	1½	1½	11 -11 -66				
Truck, over 4 tons, stone, lime and cement.....	33.3	22.00	1½	1½	11 -11 -66				
Delivery car, less than 1 ton 1 or 2 ton gasoline truck.....	27.3	18.00	4 50c.	1½	11 -11 -66				
3-ton gasoline truck.....	32.5	19.50	4 45c.	1½	10 -10 -60	30.0	18.00	10 -10 -60	
4-ton gasoline truck.....	35.0	21.00	4 45c.	1½	10 -10 -60	31.7	19.00	10 -10 -60	
4-ton gasoline truck.....	37.5	22.50	4 45c.	1½	10 -10 -60	35.0	21.00	10 -10 -60	

1 And 10 per cent commission on collections over \$95 per week.
 2 Work prohibited.
 3 And various commissions.
 4 Actual rate, in cents, per hour.
 5 Allowed 1 day off every 2 weeks with pay.
 6 Actual rate, in cents, per hour, for Sundays; for holidays, double time.
 7 Actual rate, in cents, per hour for Sundays; for holidays, regular rate.
 8 Actual rate, in cents, per hour, for first hour; 55 cents per hour thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.							
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.				
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.					
NORTH CENTRAL—continued.													
Chicago, Ill.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>					
5-ton gasoline truck.....	40.8	24.50	¹ 45c.	1½	10	-10	-60	38.3	23.00	10	-10	-60	
Truck, electric, 3 tons or over.....	30.0	18.00	¹ 45c.	1½	10	-10	-60	(²)	(²)	(²)			
1 to 2 ton trucks.....	32.5	19.50	¹ 45c.	1½	10	-10	-60	30.0	18.00	10	-10	-60	
3-ton truck.....	35.0	21.00	¹ 45c.	1½	10	-10	-60	32.5	19.50	10	-10	-60	
4-ton truck.....	37.5	22.50	¹ 45c.	1½	10	-10	-60	35.0	21.00	10	-10	-60	
5-ton truck.....	40.8	24.50	¹ 45c.	1½	10	-10	-60	38.3	23.00	10	-10	-60	
Truck, over 5 tons.....	43.3	26.00	¹ 45c.	1½	10	-10	-60	41.7	25.00	10	-10	-60	
6-ton truck.....	43.3	26.00	¹ 45c.	1½	10	-10	-60	(²)	(²)	(²)			
7-ton truck.....	45.0	27.00	¹ 45c.	1½	10	-10	-60	(²)	(²)	(²)			
General work.....	30.5	20.10	³ 40c.	1½	11	-11	-66						
Helpers—													
Bakery.....	23.3	14.00	1	(⁴)	10	-10	-60						
Coal.....	30.0	18.00	³ 50c.	1½	10	-10	-60						
Department store.....	30.8	18.50	³ 50c.	⁵ 1½	10	-10	-60						
Department store and furniture.....	25.0	15.00	1	⁵ 1½	10	-10	-60						
Lumber, box and shav- ings.....	19.7	13.00	³ 30c.	1½	11	-11	-66						
Packing house.....	26.5	16.70	1	1½	11½	-7½	-63	12	24.5	15.44	11½	-7½	-63
Piano moving.....	36.5	23.00	³ 45c.	1½	10½	-10½	-63						
Piano moving.....	40.0	24.00	³ 60c.	2	10	-10	-60	36.5	23.00	10½	-10½	-63	
Truck, over 5 tons, brick, commission house.....	35.5	21.30	³ 45c.	1½	10	-10	-60	34.3	20.53	10	-10	-60	
Cincinnati, Ohio:													
1-ton truck, bakery and pie. Ice delivery.....	27.5	16.50	1	(⁶)	10	-10	-60	25.8	15.50	10	-10	-60	
1-ton truck.....	25.0	18.00	² 35c.	⁷ 30c.	12	-12	-72	23.6	17.00	12	-12	-72	
2-ton truck.....	23.7	16.00	1½	2	10	-10	-60						
3-ton truck.....	28.3	17.00	1½	2	10	-10	-60						
4 or 5 ton truck.....	30.0	18.00	1½	2	10	-10	-60						
Helpers—	33.3	20.00	1½	2	10	-10	-60	31.7	19.00	10	-10	-60	
Ice delivery.....	18.1	13.00	³ 30c.	⁷ 30c.	12	-12	-72						
1 or 2 ton truck.....	21.7	13.00	1½	2	10	-10	-60						
Truck, 3 tons or over.....	25.0	15.00	1½	2	10	-10	-60						
Cleveland, Ohio:													
Auto truck.....	33.3	20.00	⁸ 1½	2	⁹ 10	-10	-60	32.5	19.50	⁹ 10	-10	-60	
Auto van.....	35.0	21.00	1½	2	10	-10	-60	33.3	20.00	10	-10	-60	
Excavating.....	31.7	19.00	¹⁰ 1½	2	10	-10	-60	(¹¹)	(¹¹)	(¹¹)			
Ice delivery.....	31.1	20.50	¹² 30c.	1	¹³ 10	-10	-66	30.3	20.00	¹³ 10	-10	-66	
Taxicab and truck.....	33.3	20.00	¹³ 50c.	¹² 50c.	10	-10	-60	(¹⁴)	(¹⁴)	(¹⁴)			
Taxicab.....	23.4	18.00	¹² 50c.	¹² 50c.	11	-11	-77	22.5	17.31	11	-11	-77	
Helpers.....	25.0	15.00	⁸ 1½	2	⁴ 10	-10	-60	24.2	14.50	⁹ 10	-10	-60	
Detroit, Mich.....	33.3	20.00	1½	2	10	-10	-60	30.0	18.00	10	-10	-60	

¹ Actual rate, in cents per hour, for first hour; 55 cents per hour thereafter.

² No scale on May 1, 1915.

³ Actual rate in cents, per hour.

⁴ \$3 per day.

⁵ For Sundays; do not work on holidays.

⁶ Do not work on Sundays or holidays.

⁷ Actual rate, in cents, per hour, for Sundays; for holidays, regular rate.

⁸ Double time after 8 p. m.

⁹ Allowed 6 days off each year with pay.

¹⁰ Double time after first two hours.

¹¹ Not organized on May 1, 1915.

¹² Actual rate, in cents, per hour.

¹³ For Sundays, 6 hours.

¹⁴ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

CHAUFFEURS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Indianapolis, Ind.:									
1½-ton truck.....	25.0	15.00	1½	2	2	10 -10 -60			
2-ton truck.....	27.5	16.50	1½	2	2	10 -10 -60			
3-ton truck.....	30.0	18.00	1½	2	2	10 -10 -60			
Taxicab.....	25.0	15.00	1½	2	2	10 -10 -60			
Helpers, truck.....	25.0	15.00	1½	2	2	10 -10 -60			
St. Louis, Mo.:	34.2	20.50	1½	1½		10 -10 -60	31.0	19.50	10½-10½-63
Department store.....	25.7	16.00	5 1	1½		10 -10 -60	25.0	15.00	10 -10 -60
Public service.....	20.8	17.50	35c.	1		12 -12 -84			
Gasoline truck.....	25.0	15.00	6 1	1½		10 -10 -60	27.3	14.00	10 -10 -60
Truck, 2 tons or less.....	25.6	16.50	6 1	1½		10½-10½-61½	24.2	16.00	11 -11 -66
Truck, 2 tons or over.....	28.3	17.00	6 1	1½		10 -10 -60	26.7	16.00	10 -10 -60
Truck, over 2 tons.....	28.7	18.50	6 1	1½		10½-10½-64½	27.3	18.00	11 -11 -66
Helpers, truck.....	28.3	17.00	1½	1½		10 -10 -60	25.4	16.00	10½-10½-63
Helpers, truck.....	24.0	15.50	1½	1½		10½-10½-64½	22.7	15.00	11 -11 -66
SOUTH CENTRAL.									
Houston, Tex.....	14.3	12.00	7 25c.	1		12 -12 -84			
New Orleans, La.....	17.1	12.00	7 75c.	1		10 -10 -70			
WESTERN.									
Portland, Oreg.....	30.0	18.00	1	1		10 -10 -60			
Jitney.....	31.3	17.50	1	1		8 - 8 -56	(9)	(9)	(9)
San Francisco, Cal.....	30.4	21.00	7 50c.	1		11½-11½-69			
Department store.....	35.0	21.00	(10)	2		10 -10 -60			
Grocery and liquor.....	35.0	21.00	7 50c.	2		10 -10 -60			
Truck.....	140.0	24.00	7 50c.	1½		10 -10 -60*			
Truck, capacity less than 3,000 pounds.....	30.0	18.00	7 50c.	1½		10 -10 -60			
Truck, 1 to 3 tons.....	35.0	21.00	7 50c.	1½		10 -10 -60			
Truck, 3 tons or over.....	40.0	24.00	7 50c.	1½		10 -10 -60			
Seattle, Wash.:									
Truck, less than 3 tons.....	30.0	18.00	1½	1½		10 -10 -60			
Truck, 3 tons or over.....	35.0	21.00	1½	1½		10 -10 -60			

1 Scale became 29.1 cents and 55 hours on Sept. 1, 1916.
 2 Double time after first two hours.
 3 Scale became 55 hours on Sept. 1, 1916.
 4 Scale became 26.7 cents on Sept. 1, 1916.
 5 And 25 cents for supper after 6 p. m.
 6 Actual rate, in cents, per hour, for first 5 hours; 25 cents per hour thereafter.
 7 Actual rate, in cents, per hour.
 8 Scale became 18.6 cents on Sept. 1, 1916.
 9 Not organized on May 1, 1915.
 10 \$1.50 per extra trip, not exceeding 3 hours; for more than 3 hours, 1 day's pay.
 11 Scale became 45 cents on July 17, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:									
Drivers, baggage transfer—									
1 horse.....	Cents. 23.3	Dolls. 14.00	1 25c.	2	10 -10 -60				
2 horses.....	26.7	16.00	1 30c.	2	10 -10 -60				
Drivers, building mate- rial—									
1 horse.....	25.9	14.00	1 25c.	2 2	8 9 - 5 -50	12			
2 horses.....	29.6	16.00	1 25c.	2 2	8 9 - 5 -50	12			
3 horses.....	31.5	17.00	1 25c.	2 2	8 9 - 5 -50	12			
Drivers, carriage.....									
1 horse.....	18.2	14.00	1 30c.	1	11 -11 -77				
Drivers, coal delivery—									
1 horse.....	26.9	14.50	1 26c.	2	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$	6	25.9	14.00	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$
2 horses.....	28.7	15.50	1 28c.	2	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$	6	27.8	15.00	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$
3 horses.....	30.6	16.50	1 30c.	2	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$	6	29.6	16.00	5 9 - 4 $\frac{1}{2}$ -49 $\frac{1}{2}$
Drivers, department-store delivery—									
1 horse.....	27.8	15.00	1	2	9 - 9 -54				
2 horses.....	29.6	16.00	1	2	9 - 9 -54				
Drivers, fish delivery—									
1 horse.....	30.0	18.00	1 35c.	1 $\frac{1}{2}$	10 -10 -60		(8)	(8)	(8)
2 horses.....	35.0	21.00	1 35c.	1 $\frac{1}{2}$	10 -10 -60		(8)	(8)	(8)
Drivers, laundry delivery.....									
1 horse.....	31.3	15.00	1	1	8 - 8 -48				
Drivers, lumber delivery—									
1 horse.....	25.5	14.00	1	2	10 10 - 5 -55	12			
2 horses.....	29.1	16.00	1	2	10 10 - 5 -55	12			
3 horses.....	30.9	17.00	1	2	10 10 - 5 -55	12			
4 horses.....	32.7	18.00	1	2	10 10 - 5 -55	12			
Drivers, market and com- mission-house deliv- ery—									
1 horse.....	23.7	14.00	1 25c.	2	11 10 $\frac{1}{2}$ - 6 $\frac{1}{2}$ -59	6			
2 horses.....	27.1	16.00	1 30c.	2	11 10 $\frac{1}{2}$ - 6 $\frac{1}{2}$ -59	6			
3 horses.....	28.8	17.00	1 35c.	2	11 10 $\frac{1}{2}$ - 6 $\frac{1}{2}$ -59	6			
4 horses.....	30.5	18.00	1 40c.	2	11 10 $\frac{1}{2}$ - 6 $\frac{1}{2}$ -59	6			
Drivers—									
Milk delivery.....									
Route foremen, milk de- livery.....	27.9	19.50	1	1	13 10 -10 -70		27.1	19.00	13 10 -10 -70
2-horse truck, milk de- livery.....	37.5	22.50	1	1	13 10 -10 -60		36.7	22.00	13 10 -10 -60
Mail and relay routes, evening-newspaper de- livery.....	25.0	17.50	1	1	13 10 -10 -70		24.3	17.00	13 10 -10 -70
Delivery.....	23.3	14.00	1 30c.	1	10 -10 -60				

1 Actual rate, in cents, per hour.

2 And on Saturday afternoon.

3 Work 50 hours, paid for 54.

4 Scale became 27.8 cents on June 1, 1916.

5 Work 49 $\frac{1}{2}$ hours, paid for 54, April to September, inclusive; 54 hours, October to March, inclusive.

6 Scale became 29.6 cents on June 1, 1916.

7 Scale became 31.5 cents on June 1, 1916.

8 Not organized on May 1, 1915.

9 And various commissions.

10 9 hours per day, 50 per week, September to April, inclusive.

11 63 hours, November to April, inclusive.

12 Scale became 28.6 cents on Sept. 1, 1916.

13 Allowed 1 day off every 3 weeks, October to May, inclusive, and 1 week's vacation each year, with pay.

14 Scale became 38.3 cents on Sept. 1, 1916.

15 Scale became 25.7 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Boston, Mass.—Concluded.									
Drivers—Concluded.									
Mail and relay routes, morning - newspaper delivery.....	Cents. 28.6	Dolls. 14.00	1	30c. 1	7 - 7 - 49		Cents.	Dolls.	
Route, newspaper deliv- ery, evening.....	28.3	17.00	1	30c. 1	10 - 10 - 60				
Route, newspaper re- turns.....	29.2	14.00	1	30c. 1	8 - 8 - 48				
Piano and furniture de- livery.....	27.3	18.00	1	40c. 2	11 - 11 - 66	25.8	17.00	11 - 11 - 66	
Drivers and packers, pi- ano and furniture.....	25.8	17.00	1	40c. 2	11 - 11 - 66	24.2	16.00	11 - 11 - 66	
Drivers, produce—									
1 horse.....	27.3	18.00	1	35c. 1½	11 - 11 - 66	(2)	(2)	(2)	
2 horses.....	31.8	21.00	1	35c. 1½	11 - 11 - 66	(2)	(2)	(2)	
Drivers, wharfmen (coal).....	26.9	14.50	1	26c. 2	9 - 4½ - 49½	6	25.9	14.00	9 - 4½ - 49½
Drivers, general—									
1 horse, light wagon.....	19.7	13.00	1	25c. 2	11 - 11 - 66				
1 horse.....	21.2	14.00	1	25c. 2	11 - 11 - 66				
2 horses.....	24.2	16.00	1	30c. 2	11 - 11 - 66				
3 horses.....	25.8	17.00	1	30c. 2	11 - 11 - 66				
4 horses.....	27.3	18.00	1	35c. 2	11 - 11 - 66				
5 horses.....	28.8	19.00	1	35c. 2	11 - 11 - 66				
6 horses.....	30.3	20.00	1	35c. 2	11 - 11 - 66				
Drivers' helpers—									
1 horse, baggage transfer.....	18.3	11.00	1	25c. 2	10 - 10 - 60				
2 horses, baggage transfer.....	20.0	12.00	1	30c. 2	10 - 10 - 60				
1 horse department-store delivery.....	18.5	10.00	1	2	9 - 9 - 54				
2 horses, department- store delivery.....	22.2	12.00	1	2	9 - 9 - 54				
Furniture and depart- ment-store delivery.....	22.2	12.00	1	2	9 - 9 - 54				
Piano and furniture de- livery.....	25.8	17.00	1	40c. 2	11 - 11 - 66	24.2	16.00	11 - 11 - 66	
Milk delivery.....	20.7	14.50	1	1	6 10 - 10 - 70	20.0	14.00	6 10 - 10 - 70	
General.....	24.2	16.00	1	30c. 2	11 - 11 - 66				
Buffalo, N. Y.:									
Drivers, cab.....	18.2	14.00	1	20c. 1	7 11 - 11 - 77				
Drivers, 2 horses, coal de- livery.....	27.0	17.00	1½	8 2	10½ - 10½ - 63				
Drivers, department store—									
1 horse.....	25.0	15.00	1½	8 2	10 - 10 - 60				
2 horses.....	30.0	18.00	1½	8 2	10 - 10 - 60				
Drivers, ice—									
1 horse.....	25.0	15.00	1½	2	10 - 10 - 60				
2 horses.....	30.0	18.00	1½	2	10 - 10 - 60				
Teamsters, market—									
1 horse.....	28.3	17.00	1½	2	10 - 10 - 60	25.0	15.00	10 - 10 - 60	
2 horses.....	31.7	19.00	1½	2	10 - 10 - 60	28.3	17.00	10 - 10 - 60	
Teamsters, general—									
1 horse.....	19.7	13.00	1½	8 2	11 - 11 - 66				
2 horses.....	22.7	15.00	1½	8 2	11 - 11 - 66				
3 horses.....	25.8	17.00	1½	8 2	11 - 11 - 66				
Drivers' helpers, depart- ment stores.....	22.5	13.50	1½	8 2	10 - 10 - 60				
Drivers' helpers, ice.....	25.0	15.00	1½	2	10 - 10 - 60				
Teamsters' helpers.....	21.2	14.00	1½	8 2	11 - 11 - 66				

1 Actual rate, in cents, per hour.
 2 Not organized on May 1, 1915.
 3 Scale became 27.8 cents on June 1, 1916.
 4 Work 49½ hours, paid for 54, April to September, inclusive; 54 hours, October to March, inclusive.
 5 Scale became 21.4 cents on Sept. 1, 1916.
 6 Allowed 1 day off every 3 weeks, October to May, inclusive, and 1 week's vacation each year, with pay.
 7 Allowed 2 days off each month, with pay.
 8 For Sundays; work on holidays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Newark, N. J.:									
Drivers, general—	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
1 horse.....	21.7	13.00	1	1½	10 -10 -60				
2 horses.....	25.0	15.00	1	1½	10 -10 -60				
3 horses.....	30.0	18.00	1	1½	10 -10 -60				
Teamsters, 1-horse trucks.	25.0	15.00	1	4 2	10 -10 -60				
Teamsters, beef and provisions—									
1-horse trucks.....	25.0	15.00	1	1	10 -10 -60				
2-horse trucks.....	26.7	16.00	1	1	10 -10 -60				
3-horse trucks.....	30.0	18.00	1	1	10 -10 -60				
Teamsters, express—									
1-horse trucks.....	25.0	15.00	30c.	2	10 -10 -60	23.3	14.00	10 -10 -60	
2-horse trucks.....	26.7	16.00	30c.	2	10 -10 -60	25.0	15.00	10 -10 -60	
3-horse trucks.....	31.7	19.00	30c.	2	10 -10 -60	30.0	18.00	10 -10 -60	
Teamsters (between Newark and New York City)—									
1-horse trucks.....	26.7	16.00	30c.	2	10 -10 -60	25.0	15.00	10 -10 -60	
2-horse trucks.....	30.0	18.00	30c.	2	10 -10 -60	23.3	17.00	10 -10 -60	
3-horse trucks.....	33.3	20.00	30c.	2	10 -10 -60	31.7	19.00	10 -10 -60	
Drivers' helpers.....	13.3	8.00	1	2	10 -10 -60				
Teamsters' helpers.....	21.7	13.00	1	1½	10 -10 -60				
New York, N. Y.:									
Drivers, beef—									
2-horse trucks.....	33.3	20.00	35c.	1½	10 -10 -60	(9)	(9)	(9)	
3-horse trucks.....	36.7	22.00	35c.	1½	10 -10 -60	(9)	(9)	(9)	
Drivers, butter and eggs—									
1-horse wagon.....	28.3	17.00	35c.	1½	10 -10 -60	(9)	(9)	(9)	
2-horse wagon.....	33.3	20.00	35c.	1½	10 -10 -60	(9)	(9)	(9)	
Drivers, building material—									
1 horse.....	25.0	15.00	30c.	2	10 -10 -60				
2 horses.....	28.3	17.00	30c.	2	10 -10 -60				
3 horses.....	31.7	19.00	30c.	2	10 -10 -60				
4 horses.....	35.0	21.00	30c.	2	10 -10 -60				
Drivers, carriage or bus.....	21.2	14.00	25c.	1	10 -10 -66				
Drivers, coach, funerals—									
Brooklyn.....	16.7	14.00	1	1	12 -12 -84				
Manhattan.....	17.9	15.00	1	1	12 -12 -84				

¹ Scale became 23.3 cents on Sept. 7, 1916.

² Scale became 23.3 cents on Sept. 7, 1916.

³ Scale became 31.7 cents on Sept. 7, 1916.

⁴ For Sundays; holidays off with pay.

⁵ Scale became 28.7 cents on Aug. 1, 1916.

⁶ Scale became 30 cents on Aug. 1, 1916.

⁷ Scale became 33.3 cents on Aug. 1, 1916.

⁸ Actual rate, in cents, per hour.

⁹ Not organized, May 1, 1915.

¹⁰ Scale became 28.3 cents on Oct. 1, 1916.

¹¹ Actual rate, in cents, per hour until 9 p. m.; 45 cents per hour thereafter.

¹² Scale became 31.7 cents on Oct. 1, 1916.

¹³ Scale became 35 cents on Oct. 1, 1916.

¹⁴ Scale became 38.3 cents on Oct. 1, 1916.

¹⁵ Scale became 22.7 cents on Aug. 24, 1916.

¹⁶ Allowed every other Sunday and holiday off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- idays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Concluded.									
Drivers, coal and asphalt—	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
1 horse.....	23.3	14.00	1 ¹	2	2 ¹ 10 -10 -60	3	.....	.....	.....
2 horses.....	26.7	16.00	1 ¹	2	2 ¹ 10 -10 -60	3	.....	.....	.....
3 horses.....	30.0	18.00	1 ¹	2	2 ¹ 10 -10 -60	3	.....	.....	.....
4 to 5 ton trucks.....	28.3	17.00	1 ¹	2	2 ¹ 10 -10 -60	3	.....	.....	.....
Drivers, excavating—									
1 horse.....	18.2	12.00	1	1 ¹	11 -11 -66	.....	.....	.....	.....
2 horses.....	23.6	15.60	1	1 ¹	11 -11 -66	.....	.....	.....	.....
3 horses.....	25.9	17.10	1	1 ¹	11 -11 -66	.....	.....	.....	.....
Drivers, furniture and flour—									
1-horse truck.....	28.3	17.00	(³)	2	10 -10 -60	.....	26.7	16.00	10 -10 -60
2-horse truck.....	33.3	20.00	(³)	2	10 -10 -60	.....	30.0	18.00	10 -10 -60
Drivers, 2-horse van, furni- ture and storage.....	28.3	17.00	1	1 ¹	10 -10 -60	.....	27.5	16.50	10 -10 -60
Drivers, sand—									
2 horses.....	25.0	16.50	1	1 ¹	11 -11 -66	.....	.....	.....	.....
3 horses.....	27.3	18.00	1	1 ¹	11 -11 -66	.....	.....	.....	.....
Drivers, 2-horse truck, ship- ping.....	33.3	18.00	4 ^{45c.}	2	9 - 9 -54	.....	26.7	16.00	10 -10 -60
Drivers, Union E—									
1-horse truck.....	5 19.7	13.00	4 ^{25c.}	1	6 ⁶ 10 -10 -66	.....	.....	.....	.....
1-horse e ⁶ press.....	7 21.2	14.00	4 ^{25c.}	1	6 ⁶ 10 -10 -66	.....	.....	.....	.....
2-horse freight truck.....	8 22.7	15.00	4 ^{35c.}	1	6 ⁶ 10 -10 -66	.....	.....	.....	.....
2-horse wagon.....	9 23.5	15.50	4 ^{30c.}	1	6 ⁶ 10 -10 -66	.....	.....	.....	.....
Drivers, Union F—									
1-horse, small delivery wagon.....	23.3	14.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
2-horse, small delivery wagon.....	26.7	16.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
1-horse truck.....	25.0	15.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
2-horse truck.....	28.3	17.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
3-horse truck.....	31.7	19.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
Drivers' helpers—									
Building material.....	28.3	17.00	10 ^{30c.}	2	10 -10 -60	.....	.....	.....	.....
1-horse e ⁶ press.....	11 21.1	8.00	4 ^{15c.}	1	6 ⁶ 10 -10 -66	.....	.....	.....	.....
2-horse truck.....	25.0	15.00	(³)	2	10 -10 -60	.....	.....	.....	.....
2-horse express.....	25.8	15.50	1	1 ¹	10 -10 -60	.....	25.0	15.00	10 -10 -60
Philadelphia, Pa.:									
Drivers, coal—									
1-ton wagon.....	20.0	12.00	12 ^{25c.}	1	10 -10 -60	.....	18.3	11.00	10 -10 -60
1 ¹ -ton wagon.....	21.7	13.00	12 ^{25c.}	1	10 -10 -60	.....	20.0	12.00	10 -10 -60
2-ton wagon.....	23.3	14.00	12 ^{25c.}	1	10 -10 -60	.....	21.7	13.00	10 -10 -60
3-ton wagon.....	25.0	15.00	12 ^{25c.}	1	10 -10 -60	.....	23.3	14.00	10 -10 -60
4-ton wagon.....	25.8	15.50	12 ^{25c.}	1	10 -10 -60	.....	24.2	14.50	10 -10 -60
5-ton wagon.....	26.7	16.00	12 ^{25c.}	1	10 -10 -60	.....	25.0	15.00	10 -10 -60

1 Double time after 7.30 p. m.
 2 55 hours per week, June to August, inclusive.
 3 Overtime work prohibited.
 4 Actual rate, in cents, per hour.
 5 Scale became 21.2 cents on Aug. 24, 1916.
 6 For Sundays, 6 hours; allowed every other Sunday and holiday off, with pay.
 7 Scale became 22.7 on Aug. 24, 1916.
 8 Scale became 24.2 cents on Aug. 24, 1916.
 9 Scale became 25 cents on Aug. 24, 1916.
 10 Actual rate, in cents, per hour until 9 p. m.; 45 cents per hour thereafter.
 11 Scale became 13.6 cents on Aug. 24, 1916.
 12 Actual rate, in cents, per hour until 9 p. m.; time and one-half thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Philadelphia, Pa.—Concd.									
Drivers, Union A—									
1 horse	21.4	12.00	¹ 25c.	1	10 - 6 - 56				
2 horses	28.6	16.00	¹ 25c.	1	10 - 6 - 56				
Drivers, Union B—									
1-horse wagon	² 16.2	10.50	¹ 25c.	1	11 - 10 - 65				
Single wagon, working double	³ 17.7	11.50	¹ 25c.	1	11 - 10 - 65				
2-horse truck	⁴ 20.8	13.50	¹ 25c.	1	11 - 10 - 65				
Drivers, lumber—									
1-horse wagon	20.5	12.50	¹ 25c.	1½	11 - 6 - 61	1	(5)	(5)	(5)
1-horse jigger	22.1	13.50	¹ 25c.	1½	11 - 6 - 61	1	(5)	(5)	(5)
2 horses	23.8	14.50	¹ 25c.	1½	11 - 6 - 61	1	(5)	(5)	(5)
2 horses, boxes	24.6	15.00	¹ 25c.	1½	11 - 6 - 61	1	(5)	(5)	(5)
Pittsburgh, Pa.:									
Drivers, Union A—									
1 horse	23.3	14.00	1	1	10 - 10 - 60		(5)	(5)	(5)
2 horses	25.0	15.00	1	1	10 - 10 - 60		(5)	(5)	(5)
Drivers, Union B—									
2 horses	25.0	13.50	1	1	9 - 9 - 54				
Providence, R. I.:									
Drivers, carriage									
1 horse	16.0	13.00	1	1	12 - 9 - 81				
Drivers, coal—									
1 horse	21.7	13.00	1½	2	10 - 10 - 60		20.0	12.00	10 - 10 - 60
2 horses	23.3	14.00	1½	2	10 - 10 - 60		21.7	13.00	10 - 10 - 60
3 horses	25.0	15.00	1½	2	10 - 10 - 60		23.3	14.00	10 - 10 - 60
Drivers, department store—									
1 horse	23.3	14.00	1½	2	10 - 10 - 60				
2 horses	25.0	15.00	1½	2	10 - 10 - 60				
Drivers, furniture—									
1 horse	23.3	14.00	1½	2	10 - 10 - 60				
2 horses	25.0	15.00	1½	2	10 - 10 - 60				
3 horses	26.7	16.00	1½	2	10 - 10 - 60				
Teamsters, general	20.0	12.00	1	1	10 - 10 - 60				
Rochester, N. Y.:									
Drivers, brick									
1 horse	24.2	14.50	⁶ 1½	2	10 - 10 - 60		19.7	13.00	11 - 11 - 66
Drivers, building mate- rial									
1 horse	24.2	14.50	⁶ 1½	2	10 - 10 - 60		19.7	13.00	11 - 11 - 66
Drivers, coal—									
1 horse	22.5	13.50	⁶ 1½	2	⁷ 10 - 10 - 60	3	(8)	(8)	(8)
2 or 3 horses	25.0	15.00	⁶ 1½	2	⁷ 10 - 10 - 60	3	(8)	(8)	(8)
Drivers, dump carts	21.7	13.00	⁶ 1½	2	10 - 10 - 60		16.7	11.00	11 - 11 - 66
Drivers, ice	24.7	⁹ 18.00	1	¹⁰ 50	⁹ 12 - 13 - 73				
Drivers, milk wagon	24.3	¹¹ 17.00	1	1	¹² 10 - 10 - 70		(8)	(8)	(8)
Drivers, piano	30.8	18.50	¹³ 35c.	2	10 - 10 - 60		27.3	18.00	11 - 11 - 66

¹ Actual rate, in cents, per hour.

² Scale became 18.5 cents on July 1, 1916.

³ Scale became 20 cents on July 1, 1916.

⁴ Scale became 23.1 cents on July 1, 1916.

⁵ No scale on May 1, 1915.

⁶ Double time after midnight.

⁷ Work 55 hours per week, paid for 60, June to August, inclusive.

⁸ No scale on May 1, 1915.

⁹ 48 hours and \$15 per week, November to April, inclusive.

¹⁰ Actual rate, in cents, per hour for Sundays; for holidays, regular rate.

¹¹ And various commissions.

¹² A verage hours.

¹³ Actual rate, in cents, per hour.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Rochester, N. Y.—Concluded.									
Drivers, single delivery wagons.....	Cents. 21.7	Dolls. 13.00	Regular rate multiplied by— 1 1/2 2		10 -10 -60		Cents. (2)	Dolls. (2)	(2)
Drivers, general—									
1 horse.....	22.5	13.50	1 1/2	2	10 -10 -60		19.7	13.00	11 -11 -66
2 horses.....	25.8	15.50	1 1/2	2	10 -10 -60		22.7	15.00	11 -11 -66
Drivers' helpers—									
Ice.....	21.9	16.00	25c.	40	12 -13 -73				
Pianos.....	20.8	12.50	1 1/2	2	10 -10 -60		19.0	12.00	10 1/2-10 1/2-63
Scranton, Pa.:									
Drivers—									
Baggage or bus.....	23.3	14.00	1	1	10 -10 -60				
Bakery.....	25.0	15.00	1	2	7 10 -10 -60				
Coal.....	23.3	14.00	1	2	10 -10 -60				
Dump wagon.....	23.3	14.00	1	2	10 -10 -60				
Milk, heavy trucks.....	21.4	15.00	1	1	9 10 -10 -70		(10)	(10)	(10)
1 horse.....	24.2	12.00	1 1/2	2	9 - 4 1/2-49 1/2	12			
2 horses.....	30.3	15.00	1 1/2	2	9 - 4 1/2-49 1/2	12			
Worcester, Mass.:									
Drivers, coal—									
1 horse.....	25.5	14.00	1 1/2	1 1/2	11 10 - 5 -55		(12)	(12)	(12)
2 horses.....	27.3	15.00	1 1/2	1 1/2	11 10 - 5 -55		(12)	(12)	(12)
Drivers, hack.....	20.0	14.00	25c.	1	10 -10 -70		(2)	(2)	(2)
Drivers, general—									
1-horse light wagon.....	21.7	13.00	25c.	1 1/2	10 -10 -60		(2)	(2)	(2)
1-horse heavy wagon.....	23.3	14.00	25c.	1 1/2	10 -10 -60		(2)	(2)	(2)
2 horses.....	25.0	15.00	25c.	1 1/2	10 -10 -60		(2)	(2)	(2)
Drivers' helpers, coal.....	23.6	13.00	1 1/2	1 1/2	10 - 5 -55	1	(2)	(2)	(2)
SOUTH ATLANTIC.									
Washington, D. C.:									
Drivers—									
Bakery salesmen, morning men.....	26.7	16.00	1	(14)	10 -10 -60				
Bakery salesmen, evening men.....	29.4	15.00	1	(14)	8 1/2- 8 1/2-51				
Route agents and extra salesmen.....	30.0	18.00	1	(14)	10 -10 -60				
Milk delivery.....	21.4	15.00	1	(17)	18 10 -10 -70		(1)	(10)	(10)
Milk delivery, route agents.....	25.7	18.00	1	(17)	18 10 -10 -70		(10)	(10)	(10)

1 Double time after midnight.
 2 No scale on May 1, 1915.
 3 48 hours and \$15 per week, November to April, inclusive.
 4 Actual rate, in cents, per hour.
 5 Actual rate, in cents, per hour for Sundays; for holidays, regular rate.
 6 For holidays; work on Sundays prohibited.
 7 Allowed 6 days off each year, with pay.
 8 For Labor Day, 70 cents per hour.
 9 Allowed 1 day off each month and 1 week off each year, with pay.
 10 Not organized, May 1, 1915.
 11 54 hours per week, October to April, inclusive.
 12 No established scale.
 13 And 10 per cent commission on all sales over \$160 per week.
 14 \$3 per day and 10 per cent commission on all sales over \$30.
 15 And 15 per cent commission on all sales over \$103 per week.
 16 And 1 per cent commission on all cash turned in.
 17 Work one-half day, paid for full day.
 18 Average hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:									
Drivers—									
Baggage and parcels.....	Cents. 26.5	Dolls. 17.50	1 30c.	1 30c.	11 -11 -66		Cents. 25.8	Dolls. 17.00	11 -11 -66
Bakery.....	23.3	14.00	1	(2)	10 -10 -60				
Bakery (sales drivers).....	35.0	21.00	1	(4)	10 -10 -60				
Bone and tallow.....	41.7	22.50	1	1	9 -9 -54				
Drivers, building mate- rial—									
1 horse.....	25.3	15.20	1 1/2	1 1/2	10 -10 -60				
2 horses.....	28.3	17.00	1 1/2	1 1/2	10 -10 -60				
3 horses.....	33.3	20.00	1 1/2	1 1/2	10 -10 -60				
1 horse, pressed brick.....	30.0	18.00	3 35c.	1 1/2	10 -10 -60	28.5	17.10	10 -10 -60	
2 horses, pressed brick.....	33.0	19.80	3 35c.	1 1/2	10 -10 -60	31.0	18.60	10 -10 -60	
Brick from yard.....	30.0	18.00	1 35c.	1 1/2	10 -10 -60	27.5	16.50	10 -10 -60	
Brick from cars.....	50.0		1 35c.	1 1/2	10 -10 -60	645.0		10 -10 -60	
Drivers, bus.....	25.8	17.00	1	(7)	11 -11 -66				
Drivers, coach.....	18.0	13.85	1 30c.	1	8 11 -11 -77				
Drivers, coal—									
1 horse.....	22.7	15.00	1 40c.	1 1/2	11 -11 -66				
2 horses.....	27.3	18.00	1 50c.	1 1/2	11 -11 -66				
3 horses.....	31.8	21.00	1 55c.	1 1/2	11 -11 -66				
Drivers, commission house—									
1 horse, union E.....	28.0	18.50	1 60c.	(9)	11 -11 -66	25.8	17.00	11 -11 -66	
1 horse, union F.....	27.5	16.50	1 35c.	1 1/2	10 -10 -60				
2 horses, union E.....	31.1	20.50	1 60c.	(9)	11 -11 -66	28.8	19.00	11 -11 -66	
2 horses, union F.....	30.8	18.50	1 35c.	1 1/2	10 -10 -60				
3 horses, union E.....	32.6	21.50	1 60c.	(9)	11 -11 -66	30.3	20.00	11 -11 -66	
Drivers, department store—									
1 horse.....	26.7	16.00	1 35c.	1 1/2	10 -10 -60				
2 horses.....	29.2	17.50	1 35c.	1 1/2	10 -10 -60				
3 horses.....	30.8	18.50	1 35c.	1 1/2	10 -10 -60				
Drivers, department store and furniture—									
1 horse, union A.....	25.8	15.50	1	10 1 1/2	10 -10 -60				
1 horse, union F.....	27.5	16.50	1 40c.	10 1 1/2	10 -10 -60				
2 horses, union A.....	30.0	18.00	1	10 1 1/2	10 -10 -60				
2 horses, union F.....	30.8	18.50	1 40c.	10 1 1/2	10 -10 -60				
Drivers, excavating—									
2 horses.....	33.3	18.00	1 40c.	2	9 -9 -54	29.6	15.99	9 -9 -54	
3 horses.....	44.4	24.00	1 40c.	2	9 -9 -54	35.2	19.00	9 -9 -54	
Drivers, 2 horses, freight.....	28.3	17.00	1 25c.	1	10 -10 -60				
Drivers and packers, furni- ture.....	31.7	19.00	1 35c.	1 1/2	10 -10 -60				
Drivers—									
Furniture and piano.....	28.8	19.00	1 32 1/2 c.	1 1/2	11 -11 -66				
Grease wagon.....	35.0	21.00	1	1	10 -10 -60	31.7	19.00	10 -10 -60	
1 horse, grocery and market.....	25.8	15.50	1 35c.	1 1/2	10 -10 -60				

¹ Actual rate, in cents per hour.

² \$3 per day.

³ And 7 per cent commission on sales over \$200 per week.

⁴ Work on Sundays and holidays prohibited.

⁵ Actual rate, in cents, for first hour; 40 cents per hour thereafter.

⁶ Per 1,000 brick within a distance of 2 miles; over 2 miles, 10 cents per 1,000 additional.

⁷ \$3 per trip.

⁸ Allowed every other Sunday off with pay.

⁹ For Sundays time and one-half; for holidays, regular rate.

¹⁰ For Sundays; do not work on holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half- holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—Continued.									
Chicago, Ill.—Continued:									
Drivers, grocery and meat—									
1 horse.....	25.0	15.00	1 30c.	2 1½	10 -10 -60		23.3	14.00	10 -10 -60
2 horses.....	28.3	17.00	1 30c.	2 1½	10 -10 -60		26.7	16.00	10 -10 -60
Drivers, hay and grain—									
1 horse.....	22.0	14.50	1 30c.	3 1½	11 -11 -66				
2 horses.....	25.8	17.00	1 30c.	3 1½	11 -11 -66				
3 horses.....	28.4	18.75	1 30c.	3 1½	11 -11 -66				
Drivers—									
Hotel and transfer.....	20.2	15.58	1 30c.	1	4 11 -11 -77				
Ice wagon (peddlers).....	33.3	20.00	1 35c.	6 75c.	10 -10 -60		32.5	19.50	10 -10 -60
Ice truck.....	30.8	18.50	1 35c.	6 75c.	10 -10 -60		30.4	18.25	10 -10 -60
Drivers, iron and stone—									
2 horses.....	28.0	18.50	1½	2	11 -11 -66		27.3	18.00	11 -11 -66
3 horses.....	33.3	20.00	1½	2	11 -11 -66		23.5	19.50	11 -11 -66
4 horses.....	37.1	24.50	1½	2	11 -11 -66		36.4	24.00	11 -11 -66
Drivers—									
Laundry.....	29.6	16.00	1	(⁹)	9 -9 -54				
Laundry and dye house.....	31.5	17.00	1½	2	9 -9 -54				
Laundry and dye house, towel supply.....	37.0	20.00	1½	12 2	9 -9 -54		38.9	21.00	9 -9 -54
Drivers, lumber, box, and shavings—									
1 horse.....	21.2	14.00	13 30c.	1½	11 -11 -66				
2 horses.....	21.2	18.00	13 30c.	1½	11 -11 -66				
3 horses.....	28.8	19.00	13 30c.	1½	11 -11 -66				
Drivers, machinery mov- ing—									
1 horse.....	21.2	14.00	1½	2	11 -11 -66		20.5	13.50	11 -11 -66
2 horses.....	28.8	19.00	1½	2	11 -11 -66		28.0	18.50	11 -11 -66
3 horses.....	31.1	20.50	1½	2	11 -11 -66		30.3	20.00	11 -11 -66
4 horses ¹⁴	32.6	21.50	1½	2	11 -11 -66		31.8	21.00	11 -11 -66
4 horses ¹⁵	37.9	25.00	1½	2	11 -11 -66		37.1	24.50	11 -11 -66
6 horses.....	46.2	30.50	1½	2	11 -11 -66		45.5	30.00	11 -11 -66
Drivers, machinery and safe movers.....	29.5	19.50	1½	2	11 -11 -66		28.8	19.00	11 -11 -66
Drivers, machinery movers and general teaming—									
1 horse.....	22.0	14.50	1 35c.	1½	11 -11 -66				
2 horses.....	25.0	16.50	1 35c.	1½	11 -11 -66				
3 horses.....	27.3	18.00	1 35c.	1½	11 -11 -66				

1 Actual rate, in cents, per hour.
 2 For Sundays; work 4 hours on holidays, paid for full day.
 3 For Sundays; do not work on holidays.
 4 Allowed every other Sunday off with pay.
 5 \$18.50 per week, November to April, inclusive.
 6 Actual rate, in cents, per hour, for Sundays; for holidays, double time.
 7 \$13 per week, November to April, inclusive.
 8 And 10 per cent commission on all collections over \$95 per week.
 9 Work prohibited.
 10 And various commissions.
 11 And 2 per cent on collections.
 12 For Sundays; holidays off with pay.
 13 Actual rate, in cents, per hour until 8 p. m.; 40 cents per hour thereafter.
 14 Drivers take care of 2 horses.
 15 Drivers take care of 4 horses.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.	
	Rate of wages—				Hours— Full days; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Chicago, Ill.—Continued.										
Drivers, milk—										
Route men	24.7	19.00	1	1	11	-11	-77			
Retail route men	35.0	21.00	1½	1	9	-6	-60	31.7	19.00	9 - 6 -60
Wholesale	41.7	22.50	1½	1	8	-6	-54	38.0	20.50	8 - 6 -54
Truck, daywork	37.0	20.00	1½	1	8	-6	-54	33.3	18.00	8 - 6 -54
2-horse truck, nightwork	40.7	22.00	1½	1	8	-6	-54	37.0	20.00	8 - 6 -54
3 or 4 horse truck, nightwork	44.4	24.00	1½	1	8*	-6	-54	40.7	22.00	8 - 6 -54
Route foremen and inspectors	41.7	25.00	1½	1	9	-6	-60	38.3	23.00	9 - 6 -60
Drivers, packing house—										
1 horse	27.0	17.00	1	1½	11½	-7½	-63	25.4	16.00	11½ - 7½ -63
2 horses	30.2	19.00	1	1½	11½	-7½	-63	28.6	18.00	11½ - 7½ -63
Drivers—										
Extra	25.0	19.25	1	1	11	-11	-77			
Office or city delivery	21.7	16.73	1	30c.	11	-11	-77			
Piano, union B	33.3	21.00	1	45c.	10½	-10½	-63			
Piano, union L	36.7	22.00	1	60c.	10	-10	-60	33.3	21.00	10½ - 10½ -63
2 horses, piano	30.0	18.00	1	60c.	10	-10	-60	27.0	17.00	10½ - 10½ -63
Sand hauling	33.3	18.00	1	40c.	9	-9	-54			
Sand hauling ²	35.2	19.00	1	40c.	9	-9	-54			
Sprinkling carts	27.7	18.00	(3)	1	10	-5	-65			
Parcel delivery and machinery moving	25.8	17.00	35c.	1½	11	-11	-66			
Roofing material	28.0	18.50	50c.	2	11	-11	-66			
Drivers, stone, lime, and cement—										
1 horse	23.0	15.20	1½	1½	11	-11	-66			
2 horses	25.8	17.00	1½	1½	11	-11	-66			
3 horses	30.3	20.00	1½	1½	11	-11	-66			
Drivers, dump, money, or tower wagon, street railway										
23.2	15.30	1½	1½	11	-11	-66				
Drivers, wreck wagon, street railway										
25.0	16.50	1½	1½	11	-11	-66				
Drivers, garbage wagon										
28.3	17.00	1	1	10	-10	-60				
Drivers and salesmen, tea and coffee										
41.7	20.00	1	5	8	-8	-48	37.5	18.00	8 - 8 -48	
Drivers, yard and general teaming										
28.3	17.00	1	1	10	-10	-60				
Drivers, 1-horse wagon										
30.0	18.00	1	1	10	-10	-60				
Drivers, truck—										
1 horse										
22.7	15.00	6	30c.	1½	11	-11	-66	20.5	13.50	11 - 11 -66
25.8	17.00	6	30c.	1½	11	-11	-66	23.5	15.50	11 - 11 -66
27.3	18.00	6	30c.	1½	11	-11	-66	25.0	16.50	11 - 11 -66
30.3	20.00	6	30c.	1½	11	-11	-66	28.0	18.50	11 - 11 -66
31.8	21.00	6	20c.	1½	11	-11	-66	19.5	19.50	11 - 11 -66
34.8	23.00	6	30c.	1½	11	-11	-66	32.6	21.50	11 - 11 -66
Drivers, general—										
1 horse, union M										
23.2	15.30	1	40c.	1½	11	-11	-66			
1 horse, union N										
22.7	15.00	7	45c.	1½	11	-11	-66	20.5	13.50	11 - 11 -66
2 horses, union M										
25.5	16.85	1	40c.	1½	11	-11	-66			
2 horses, union N										
27.3	18.00	7	45c.	1½	11	-11	-66	25.0	16.50	11 - 11 -66

1 Actual rate, in cents, per hour.
 2 Employed by team owners.
 3 Overtime work prohibited.
 4 And various commissions.
 5 For Sundays; work on holidays prohibited.
 6 Actual rate, in cents, per hour until 8 p. m.; time and one-half thereafter.
 7 Actual rate, in cents, for first hour, 60 cents for second hour, and time and one-half thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Concluded.									
Drivers, general.									
3 horses, union N.	30.3	20.00	¹ 45c.	¹ ½	11 -11 -66		Cents. 28.0	Dolls. 18.50	11 -11 -66
4 horses, union N.	31.8	21.00	¹ 45c.	¹ ½	11 -11 -66		29.5	19.50	11 -11 -66
6 horses, union N.	34.8	23.00	¹ 45c.	¹ ½	11 -11 -66		32.6	21.50	11 -11 -66
Single wagon, with team attached.	25.8	17.00	² 30c.	¹ ½	11 -11 -66		23.5	15.50	11 -11 -66
Drivers' helpers—									
Bone and tallow.	31.0	16.73	1	1	9 -9 -54				
Department store.	25.8	15.50	³ 40c.	⁴ ½	10 -10 -60				
Department store and furniture.	23.3	14.00	1	⁴ ½	10 -10 -60				
Furniture.	25.0	16.50	³ 40c.	¹ ½	11 -11 -66				
Furniture and piano.	25.8	17.00	² 30c.	¹ ½	11 -11 -66				
Extra, furniture and piano.	30.0	19.80	1	¹ ½	11 -11 -66				
Grease wagon.	31.7	19.00	1	1	10 -10 -60		28.3	17.00	10 -10 -60
Ice trucks.	29.6	⁵ 17.75	³ 35c.	⁶ 75c.	10 -10 -60		28.8	17.25	10 -10 -60
Machinery moving.	22.7	15.00	³ 35c.	¹ ½	11 -11 -66				
Piano, union B.	35.0	21.00	³ 60c.	⁶ 50c.	10 -10 -60		31.7	20.00	10 ½ -10 ½ -63
Piano, union L.	31.7	20.00	³ 45c.	¹ ½	10 ½ -10 ½ -63				
Wreck wagon, street railway.	23.2	15.30	¹ ½	¹ ½	11 -11 -66				
Wagon.	15.7	12.12	³ 30c.	1	⁸ 11 -11 -77				
Extra.	20.0	15.40	1	1	11 -11 -77				
Cincinnati, Ohio:									
Drivers—									
Bakery.	20.7	14.50	1	1	10 -10 -70				
1 horse, bakery and pie.	23.3	14.00	1	(⁹)	10 -10 -60		21.7	13.00	10 -10 -60
2 horses, bakery and pie.	25.0	15.00	1	(⁹)	10 -10 -60				
Sales drivers, bakery and pie.	23.3	¹⁰ 14.00	1	(⁹)	10 -10 -60		21.7	13.00	10 -10 -60
Carriage.	20.0	14.00	1	1	⁸ 10 -10 -70				
1 horse, ice cream.	16.4	¹¹ 11.50	1	1	10 -10 -70				
Route, ice cream.	20.0	14.00	1	1	10 -10 -70				
Truck, ice cream.	21.4	15.00	1	1	10 -10 -70				
Route, ice.	28.3	¹² 17.00	³ 35c.	1	¹² 10 -10 -60				
Route, milk.	22.9	¹³ 16.00	¹ ½	1	10 -10 -70				
Truck, milk.	22.1	15.50	¹ ½	1	10 -10 -70				
Truck, milk, wholesale.	24.6	¹² 17.25	¹ ½	1	10 -10 -70				

¹ Actual rate, in cents, for first hour, 60 cents for second hour, and time and one-half thereafter.

² Actual rate, in cents, per hour until 8 p. m.; time and one-half thereafter.

³ Actual rate, in cents, per hour.

⁴ For Sundays; do not work on holidays.

⁵ \$17.25 per week, November to April, inclusive.

⁶ Actual rate, in cents, per hour for Sundays; for holidays, double rate.

⁷ Actual rate, in cents, per hour for Sundays; for holidays, regular rate.

⁸ Allowed every other Sunday off, with pay.

⁹ Do not work on Sundays or holidays.

¹⁰ And 3 per cent commission on sales over \$100 per week.

¹¹ And 2 cents for each ice cream delivery package returned.

¹² 54 hours and \$15 per week, November to March, inclusive.

¹³ And various commissions.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Cincinnati, Ohio—Conceld.									
Drivers—									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Route foremen, milk	26.4	18.50	1½	1	10 -10 -70				
Stores	19.3	13.50	1	1	10 -10 -70				
1 horse, wagon	21.7	13.00	1½	2	10 -10 -60				
2 horses, light wagon	21.3	14.00	1½	2	10 -10 -60				
2 horses, heavy wagon	25.0	15.00	1½	2	10 -10 -60				
3 or 4 horses	26.7	16.00	1½	2	10 -10 -60				
Supply wagon	18.1	13.00	1 35c.	2 30c.	12 -12 -72				
Drivers' helpers—									
Route, ice	21.7	13.00	1 35c.	2 30c.	10 -10 -60				
Milk	20.4	14.25	1½	1	10 -10 -70				
Wagon	21.7	13.00	1½	2	10 -10 -60				
Cleveland, Ohio:									
Drivers—									
Excavating	25.0	15.00	3 1½	2	10 -10 -60	(4)	(4)	(4)	
Furniture van	30.8	18.50	1½	2	10 -10 -60	20.0	18.00	10 -10 -60	
1 horse, furniture	27.5	16.50	1½	2	10 -10 -60	23.7	16.00	10 -10 -60	
1 horse, light wagon	20.0	12.00	6 1½	2	6 10 -10 -60	19.2	11.50	6 10 -10 -60	
1 horse, heavy wagon	21.7	13.00	6 1½	2	6 10 -10 -60	21.8	12.50	6 10 -10 -60	
2 horses, wagon	23.3	14.00	6 1½	2	6 10 -10 -60	22.5	13.50	6 10 -10 -60	
2 horses, truck	26.7	16.00	6 1½	2	6 10 -10 -60	25.8	15.50	6 10 -10 -60	
3 horses, truck	30.0	18.00	6 1½	2	6 10 -10 -60	29.2	17.50	6 10 -10 -60	
Water wagon	28.0	18.50	1 30c.	1	7 11 -11 -66	27.3	18.00	7 10 -10 -66	
Drivers, ice delivery—									
Route	31.1	20.50	1 30c.	1	8 10 -10 -66	30.3	20.00	8 10 -10 -66	
Special orders	22.7	15.00	1 30c.	1	8 11 -11 -66	20.0	13.20	8 10 -10 -66	
2 horses, truck	28.0	18.50	1 30c.	1	8 10 -10 -66	27.3	18.00	8 10 -10 -66	
3 horses, truck	31.1	20.50	1 30c.	1	8 10 -10 -66	30.3	20.00	8 10 -10 -66	
Route foremen	37.1	24.50	1 30c.	1	8 10 -10 -66	36.4	24.00	8 10 -10 -66	
Drivers' helpers—									
Furniture van	25.8	15.50	1½	2	10 -10 -60	25.0	15.00	10 -10 -60	
Ice delivery	22.7	15.00	1 30c.	1	8 10 -10 -66	20.0	13.20	8 10 -10 -66	
Columbus, Ohio:									
Drivers, ice	29.2	17.50	1	1	10 -10 -60				
Drivers' helpers, ice	25.0	15.00	1	1	10 -10 -60				
Detroit, Mich.:									
Drivers, bakery—									
Wholesale	33.3	20.00	1	1	11 10 -10 -60				
Retail	21.7	13.00	1	1	11 10 -10 -60				
Wholesale and retail	25.8	15.50	1	1	11 10 -10 -60				
Drivers, milk, wholesale	42.9	18.00	1½	1	6 - 6 -42				
Drivers, tea and coffee	37.5	18.00	1	1	11 8 - 8 -48				
Drivers, general—									
1 horse	26.5	15.90	1½	2	10 -10 -60	24.0	14.40	10 -10 -60	
2 horses	30.0	18.00	1½	2	10 -10 -60	27.5	16.50	10 -10 -60	

1 Actual rate, in cents, per hour.

2 Actual rate, in cents, per hour for Sundays; for holidays, regular rate.

3 Double time after first 2 hours.

4 Not organized on May 1, 1915.

5 Double time after 8 p. m.

6 Allowed 6 days off each year, with pay.

7 For Sundays, 6 hours.

8 For Sunday, 6 hours.

9 \$16 per week, November to April, inclus.ve.

10 And 10 per cent commission on sales over \$250 per week.

11 Average hours.

12 And 10 per cent commission on sales over \$150 per week.

13 And 10 per cent commission on sales over \$200 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Detroit, Mich.—Concluded.									
Drivers, general—Concl'd.									
3 horses.....	32.5	19.50	1½	2	10 -10 -60	.....	Cents. 30.0	Dolls. 18.00	10 -10 -60
4 horses.....	35.0	21.00	1½	2	10 -10 -60	.....	32.5	19.50	10 -10 -60
Drivers' helpers.....	30.0	18.00	1½	2	10 -10 -60	.....	27.5	16.50	10 -10 -60
Grand Rapids, Mich.:									
Drivers—									
1 horse.....	18.5	10.00	1	1	9 - 9 -54	.....	(1)	(1)	(1)
2 horses.....	24.1	13.00	1	1	9 - 9 -54	.....	(1)	(1)	(1)
Indianapolis, Ind.:									
Drivers, bakery—									
1 horse, cake wagon.....	21.7	13.00	1½	2 1	10 -10 -60	.....		
1 horse, retail.....	27.3	14.00	1½	2 1	10 -10 -60	.....	21.2	14.00	11 -11 -66
2 horses, truck.....	25.0	15.00	1½	2 1	10 -10 -60	.....		
Drivers, ice wagon.....	25.0	16.50	1½	1½	11 -11 -66	.....		
Drivers (salesmen), tea and coffee.....	23.3	14.00	1½	2	10 -10 -60	.....		
Drivers' helpers.....	21.4	14.10	1½	1½	11 -11 -66	.....		
Teamsters—									
1 horse.....	23.6	13.00	1½	1½	10 - 5 -55	.....	4	21.7	13.00
2 horses.....	25.0	15.00	1½	1½	10 -10 -60	.....		
Kansas City, Mo.:									
Drivers—									
Retail, bakery.....	26.7	16.00	1	1	10 -10 -60	.....		
Wholesale, bakery.....	30.0	18.00	1	1	10 -10 -60	.....		
Wholesale, bakery.....	30.0	18.00	1	1	10 -10 -60	.....		
Pie wagon.....	26.7	16.00	1	1	10 -10 -60	.....		
1 horse.....	20.0	12.00	1	1½	10 -10 -60	.....		
2 horses, light wagon.....	22.5	13.50	1	1½	10 -10 -60	.....		
2 horses, heavy wagon.....	25.0	15.00	1	1½	10 -10 -60	.....		
3 horses.....	30.0	18.00	1	1½	10 -10 -60	.....		
2-ton truck.....	27.5	16.50	1	1½	10 -10 -60	.....		
3-ton truck.....	30.0	18.00	1	1½	10 -10 -60	.....		
4-ton truck.....	33.3	20.00	1	1½	10 -10 -60	.....		
5-ton truck.....	33.3	20.00	1	1½	10 -10 -60	.....		
Minneapolis, Minn.:									
Drivers—									
Baggage.....	25.0	15.00	11	30c.	12 10 -10 -60	.....		
Milk.....	27.5	17.31	1	1	14 9 - 9 -63	.....		
Peoria, Ill.:									
Drivers, ice delivery.....	25.7	18.50	11	50c.	15 2	.....	24.3	17.50	12 -12 -72
Driver's helpers, ice de- livery.....	22.9	16.50	11	50c.	15 2	.....	20.8	15.00	12 -12 -72

1 Not organized on May 1, 1915.

2 For Sundays; work on holidays prohibited.

3 And 5 per cent commission on sales over \$200 per week.

4 Scale became 30.6 cents and 54 hours on July 1, 1916.

5 And 10 per cent commission on sales over \$150 per week.

6 And 10 per cent commission on sales over \$80 per week.

7 And 50 cents per day for caring for horses, and 10 per cent commission on sales over \$180 per week.

8 And 10 per cent commission on sales over \$180 per week.

9 And 9 per cent commission on sales over \$160 per week.

10 Scale became 27.5 cents on July 1, 1916.

11 Actual rate, in cents, per hour.

12 Work 70 hours every other week.

13 And various commissions.

14 Allowed 14 days off each year, with pay.

15 For holidays; work on Sundays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
St. Louis, Mo.:									
Drivers, baggage and parcel delivery—	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
1-horse truck.....	20.2	13.00	1	1½	10½-10½-64½	.....	18.9	12.50	11-11-66
2-horse truck.....	22.8	14.70	1	1½	10½-10½-64½	.....	21.5	14.20	11-11-66
2-horse truck, capacity 5,000 pounds or over.....	25.6	16.50	1	1½	10½-10½-64½	.....	24.2	16.00	11-11-66
3-horse truck.....	27.4	17.70	1	1½	10½-10½-64½	.....	26.1	17.20	11-11-66
Drivers, coal—									
Wagon, capacity of 5,000 pounds or less.....	20.5	13.50	1	1½	11-11-66	.....	18.2	12.00	11-11-66
2 horses.....	24.3	16.00	1	1½	11-11-66	.....	22.7	15.00	11-11-66
3 horses.....	28.0	18.50	1	1½	11-11-66	.....	27.3	18.00	11-11-66
Drivers, department store—									
1 horse.....	23.3	14.00	2	1½	10-10-60	.....	21.7	13.00	10-10-60
2 horses.....	25.0	15.00	2	1½	10-10-60	.....	23.3	14.00	10-10-60
Drivers, furniture.....	28.3	17.00	1	1½	10-10-60	.....	26.2	16.50	10-10-60
1 horse.....	27.5	16.50	1½	1½	10-10-60	.....	24.6	15.50	10½-10½-63
2 horses.....	29.2	17.50	1½	1½	10-10-60	.....	26.2	16.50	10½-10½-63
Drivers, ice delivery.....	27.3	18.00	1	4 30c.	3 11-11-66	.....		
Drivers, milk delivery—									
Route, retail or wholesale.....	14.3	14.00	1	1	14-14-98	.....		
Special delivery truck.....	14.3	14.00	1	1	14-14-98	.....		
1-horse station wagon.....	12.2	12.00	1	1	14-14-98	.....		
2-horse station wagon.....	14.3	14.00	1	1	14-14-98	.....		
Drivers, public carriage.....	17.9	15.00	6 25c.	1	12-12-84	.....		
Drivers, general—									
1-horse truck.....	20.2	13.00	1	1½	10½-10½-64½	.....	18.9	12.50	11-11-66
2-horse truck, capacity less than 5,000 pounds.....	22.8	14.70	1	1½	10½-10½-64½	.....	21.5	14.20	11-11-66
2-horse truck, capacity 5,000 pounds or over.....	25.6	16.50	1	1½	10½-10½-64½	.....	24.2	16.00	11-11-66
3-horse truck.....	27.4	17.70	1	1½	10½-10½-64½	.....	26.1	17.20	11-11-66
4-horse truck.....	29.3	18.90	1	1½	10½-10½-64½	.....	27.9	18.40	11-11-66
Pull-up driver.....	20.2	13.00	1	1½	10½-10½-64½	.....	19.2	12.69	11-11-66
Drivers' helpers—									
Furniture.....	26.7	16.00	1	1½	10-10-60	.....	25.8	15.50	10-10-60
Ice delivery.....	23.3	14.00	1	4 30c.	10-10-60	.....		
1-horse wagon.....	25.0	15.00	1½	1½	10-10-60	.....	23.0	14.50	10½-10½-63
2-horse truck.....	26.7	16.00	1½	1½	10-10-60	.....	23.8	15.00	10½-10½-63
St. Paul, Minn.:									
Drivers, ice wagon.....	30.8	18.46	1	(8)	10-10-60	.....		
Teamsters.....	27.5	16.50	1	1	10-10-60	.....		
Drivers' helpers, ice wagon.....	28.9	17.31	1	(8)	10-10-60	.....		

¹ For Labor Day, double time.

² And 25 cents for supper, after 6 p. m.

³ 60 hours and \$15 per week, November to April, inclusive.

⁴ Actual rate, in cents, per hour, for Sundays; for holidays, time and one-half.

⁵ And various commissions on sales.

⁶ Actual rate, in cents, per hour.

⁷ \$16.15 per week, November to April, inclusive.

⁸ \$3 per day.

TABLE A. - UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
Houston, Tex.:									
Drivers, carriage.....	Cents. 14.3	Dolls. 12.00	1 25c.	1	12 -12 -84		Cents. Dolls.		
New Orleans, La.:									
Drivers, carriage.....	17.1	12.00	1 75c.	1	10 -10 -70				
Teamsters and loaders.....	28.0	16.80	1 45c.	2	10 -10 -60				
WESTERN.									
Portland, Oreg.:									
Drivers—									
1-horse wagon.....	20.0	12.00	1	1	10 -10 -60				
2-horse light wagon.....	25.0	15.00	1	1	10 -10 -60				
Wagons over 2½ tons ca- pacity.....	30.0	18.00	1	1	10 -10 -60				
Salt Lake City, Utah:									
Teamsters, building mate- rial.....	34.4	16.50	1½	1½	8 - 8 -48				
Teamsters, general.....	25.0	15.00	1½	1½	10 -10 -60				
San Francisco, Cal.:									
Drivers, bakery wagon.....	35.0	21.00	1	1	10 -10 -60				
Drivers, building material—									
2 horses.....	30.0	18.00	1 50c.	1½	10 -10 -60				
2 horses, brick wagon.....	32.5	19.50	1 50c.	1½	10 -10 -60				
4-horse wagon.....	35.0	21.00	1 50c.	1½	10 -10 -60				
6-horse wagon.....	45.0	27.00	1 50c.	1½	10 -10 -60				
Drivers, department store and hardware—									
1 horse.....	25.0	15.00	(3)	2	10 -10 -60				
2 horses.....	30.0	18.00	(3)	2	10 -10 -60				
Drivers, 1-horse fruit wagon.....	33.3	20.00	1 50c.	1½	10 -10 -60				
Drivers, grocery and liquor store—									
1 horse.....	25.0	15.00	(3)	2	10 -10 -60				
2 horses.....	30.0	18.00	(3)	2	10 -10 -60				
Drivers, ice wagon.....	36.5	21.92	1 60c.	1½	10 -10 -60				
Drivers, milk wagon—									
Route, wholesale and re- tail.....	33.0	20.77	1 50c.	1	9 - 9 -63				
Route, second-class.....	27.5	17.31	1 50c.	1	9 - 9 -63				
Route, relief.....	36.6	23.08	1 50c.	1	9 - 9 -63				
Drivers, parcels—									
1 horse.....	27.5	16.50	(3)	2	10 -10 -60				
2 horses.....	30.0	18.00	(3)	2	10 -10 -60				
Drivers, general—									
1-horse, small wagon.....	20.0	12.00	1 35c.	1½	10 -10 -60				
1-horse, large wagon.....	25.0	15.00	1 35c.	1½	10 -10 -60				
1-horse, truck or wagon.....	30.0	18.00	1 50c.	1½	10 -10 -60				
2-horse truck or wagon, capacity of 4 or more tons.....	35.0	21.00	1 50c.	1½	10 -10 -60				
4-horse truck or large fruit wagon.....	40.0	24.00	1 50c.	1½	10 -10 -60				
6-horse wagon.....	45.0	27.00	1 75c.	1½	10 -10 -60				
Drivers' helpers, ice wagon.....	32.5	19.50	1 60c.	1½	10 -10 -60		30.0 18.00	10 -10 -60	

¹ Actual rate, in cents, per hour.

² Scale became 18.6 cents on Sept. 1, 1916.

³ \$1.50 per trip, not exceeding 3 hours; for more than 3 hours, 1 day's pay.

⁴ 9 hours per day, 54 per week, November to April, inclusive.

⁵ Allowed 4 days off each month, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

TEAMSTERS AND DRIVERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Seattle, Wash.:									
Drivers—	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Bakery.....	33.3	20.00	1 50c.	* 50c.	10 -10 -60				
Commission wagons, under 2 tons.....	25.0	16.50	1 ½	1 ½	11 -11 -66	(3)	(3)	(3)	
Commission wagons, over 2 tons.....	29.5	19.50	1 ½	1 ½	11 -11 -66	(3)	(3)	(3)	
Furniture and baggage wagons.....	30.0	18.00	1 ½	1 ½	10 -10 -60				
Milk wagon.....	29.7	20.77	1 40c.	1	4 10 -10 -70				
Heavy machinery wagons.....	35.0	21.00	1 ½	1 ½	10 -10 -60				
2-horse light combination wagon.....	27.5	16.50	1 ½	1 ½	10 -10 -60				
Drivers' helpers.....	27.5	16.50	1 ½	1 ½	10 -10 -60				
Heavy machinery wagons.....	30.0	18.00	1 ½	1 ½	10 -10 -60				

MISCELLANEOUS OCCUPATIONS.

NORTH ATLANTIC.									
Boston, Mass.:									
Loaders, piano and furniture.....	27.3	18.00	1 40c.	2	11 -11 -66	(5)	(5)	(5)	
Yardmen, lumber.....	6 23.6	13.00	1	2	6 10 -5 -55	12			
New York, N. Y.:									
Floor men or wagon washers.....	7 22.7	15.00	1 25c.	8 1	9 10 -10 -66				
Loaders, auto truck.....	33.3	20.00	(10)	2	10 -10 -60	30.0	18.00	10 -10 -60	
Loaders, fish.....	35.0	21.00	1 35c.	1 ½	10 -10 -60	(11)	(11)	(11)	
Packers, furniture, and storage.....	30.0	18.00	1	1 ½	10 -10 -60				
Piano movers.....	33.3	18.00	1 45	2	9 -9 -54	30.0	18.00	10 -10 -60	
Polishers and cabinet-makers, furniture.....	31.7	19.00	(10)	2	10 -10 -60	30.0	18.00	10 -10 -60	
Stablemen.....	25.8	15.50	1	1 ½	10 -10 -60	25.0	15.00	10 -10 -60	
Providence, R. I.: Stablemen.....	20.0	14.00	1 ½	1	10 -10 -70	18.6	13.00	10 -10 -70	
Rochester, N. Y.: Stablemen.....	20.0	14.00	1	1	10 -10 -70	(5)	(5)	(5)	
Scranton, Pa.:									
Stablemen.....	17.9	15.00	1	1	12 12 -12 -84				
Stablemen, bakeries.....	17.9	15.00	1	1	12 12 -12 -84	(11)	(11)	(11)	
Stablemen, milk.....	20.0	14.00	1	1	12 10 -10 -70	(11)	(11)	(11)	
Stablemen's helpers.....	16.7	14.00	1	1	12 12 -12 -84				
Worcester, Mass.:									
Stablemen.....	21.2	14.00	1 25c.	1	9 10 -10 -66	(11)	(11)	(11)	
Do.....	20.0	14.00	1 25c.	1	10 -10 -70	(11)	(11)	(11)	

¹ Actual rate, in cents, per hour.

² Actual rate, in cents, per hour for holidays; do not work Sundays.

³ Not organized on May 1, 1915.

⁴ Allowed 7 days' vacation every 3 months, with pay.

⁵ No scale on May 1, 1915.

⁶ 26 cents and 50 hours, September to April, inclusive.

⁷ Scale became 24.2 cents on Aug. 24, 1916.

⁸ Allowed every other Sunday and holidays off with pay.

⁹ For Sunday, 6 hours.

¹⁰ Overtime work prohibited.

¹¹ Not organized on May 1, 1915.

¹² Allowed 2 days off each month, with pay.

¹³ Allowed 1 week off each year with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
CHAUFFEURS, TEAMSTERS, AND DRIVERS—Concluded.
MISCELLANEOUS OCCUPATIONS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Cincinnati, Ohio:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Ice-house men.....	20.8	17.50	1	1	12 -12 -84		19.0	16.00	12 -12 -84
Stable bosses.....	19.0	16.00	1	1	12 -12 -84				
Stablenen.....	17.9	15.00	1	1	12 -12 -84		16.7	14.00	12 -12 -84
Stablenen's helpers.....	16.7	14.00	1	1	12 -12 -84				
Washers, wagon.....	22.9	16.00	1	1	* 10 -10 -70				
Cleveland, Ohio:									
Barn bosses, ice.....	28.0	18.50	1	1	* 10 -10 -66		27.3	18.00	* 10 -10 -66
Platform men, ice.....	22.7	15.00	1	1	* 10 -10 -66		20.0	13.20	* 10 -10 -66
Packers, furniture.....	30.8	18.50	1½	2	10 -10 -60		30.0	18.00	10 -10 -60
Warehousemen.....	30.8	18.50	1½	1½	10 -10 -60		30.0	18.00	10 -10 -60
Yardmen, ice.....	22.7	15.00	1	1	* 10 -10 -66		20.0	13.20	* 10 -10 -66
St. Louis, Mo.:									
Packers, furniture.....	28.3	17.00	1	1½	10 -10 -60		27.5	16.50	10 -10 -60
Stablenen.....	19.3	12.46	1	1½	10½-10½-64½		18.2	12.00	11 -11 -66
Do.....	16.2	12.46	1½	1	* 11 -11 -77		15.6	12.00	* 11 -11 -77
WESTERN.									
San Francisco, Cal.:									
Brass polishers and floor men.....	25.0	15.00	1	1	10 -10 -60				
Stable bosses.....	33.0	23.08	1	1	10 -10 -70				
Stablenen.....	30.0	21.00	1	1	10 -10 -70				
Washers, auto.....	35.0	21.00	1	1	10 -10 -60				

FREIGHT HANDLERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Freight handlers.....	23.0	13.80	1	1	10 -10 -60				
Longshoremen.....	25.0	14.75	1½	1½	10 -9 -59		23.0	13.57	10 -9 -59
Coal handlers.....	24.4	13.20	1½	1½	9 -9 -54				
General cargo.....	40.0	23.60	1.50c.	1.60c.	10 -9 -59		33.0	19.47	10 -9 -59
Sugar handlers.....	50.0	29.50	1.50c.	1.60c.	10 -9 -59		40.0	23.60	10 -9 -59
Coastwise vessels.....	35.0	21.00	1.50c.	1.50c.	10 -10 -60		(6)	(6)	(6)
Buffalo, N. Y.:									
Freight handlers and longshoremen.....	40.0	24.00	1.46½c.	(7)	10 -10 -60				
Grain elevators— Elevator men.....	31.6	18.98	2	2	* 10 -10 -60				
Elevator men's helpers or car gang.....	25.0	15.00	2	2	* 10 -10 -60				
New York, N. Y.: Longshoremen.....	40.0	24.00	1.60c.	1.80c.	10 -10 -60		33.0	19.80	10 -10 -60
Philadelphia, Pa.: Longshoremen.....	35.0	21.00	1½	2	10 -10 -60		30.0	18.00	10 -10 -60

1 Actual rate, in cents, per hour.

2 Allowed every other Sunday off, with pay.

3 For Sunday, 6 hours; allowed one-half day off each week, with pay.

4 For Sunday, 6 hours.

5 Allowed 2 Sundays off every 4 weeks, with pay.

6 Not organized on May 1, 1915.

7 For Memorial and Thanksgiving days, 45 cents per hour; for Sundays and other holidays, 40 cents per hour.

8 48 hours per week, January to March, inclusive.

9 Scale became 40 cents on June 5, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

FREIGHT HANDLERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Baltimore, Md.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Freight and coal handlers.....	25.0	15.00	1½	1½	10 -10 -60				
Coal handlers, bottom men.....	30.0	18.00	1½	1½	10 -10 -60				
NORTH CENTRAL.									
Chicago, Ill.:									
Inside.....	24.0	14.40	3/40c.	3/40c.	10 -10 -60				
Outside.....	40.0	24.00	3/45c.	3/45c.	10 -10 -60	35.0	21.00	10 -10 -60	
Tallymen and inspectors, lumber.....	27.5	16.50	1	1	10 -10 -60	3			
Grain loading at elevators— Dock men, floor men, ma- chinemen, spout men, or trackmen.....	40.8	20.19	1½	2	4 8½ - 8½ - 49½		39.6	20.19	8½ - 8½ - 51
Laborers.....	36.4	18.00	1½	2	4 8½ - 8½ - 49½		35.3	18.00	8½ - 8½ - 51
Mixers.....	48.9	24.23	1½	2	4 8½ - 8½ - 49½		47.5	24.23	8½ - 8½ - 51
Oilers.....	38.2	18.92	1½	2	4 8½ - 8½ - 49½		37.1	18.92	8½ - 8½ - 51
Weighmen.....	45.9	22.73	1½	2	4 8½ - 8½ - 49½		44.6	22.73	8½ - 8½ - 51
Millwrights.....	51.3	25.38	1½	2	4 8½ - 8½ - 49½		49.8	25.38	8½ - 8½ - 51
Cleveland, Ohio.....	40.0	24.00	3/45c.	3/45c.	10 -10 -60		35.0	21.00	10 -10 -60
Milwaukee, Wis.....	35.0	21.00	3/40c.	3/40c.	10 -10 -60				
Coopers (repairmen).....	30.0	21.00	3/40c.	3/40c.	10 -10 -70				
Warehouse men.....	26.7	16.00	3/40c.	3/40c.	10 -10 -60				
SOUTH CENTRAL.									
Houston, Tex.:									
Longshoremen, union A.....	30.0	18.00	3/40c.	3/40c.	10 -10 -60				
Longshoremen, union B.....	30.0	18.00	3/40c.	3/40c.	10 -10 -60		(8)	(8)	(8)
New Orleans, La.:									
Carmen.....	20.0	12.00	3/28½c.	3/28½c.	10 -10 -60				
Freight handlers.....	18.5	11.10	3/28½c.	3/28½c.	10 -10 -60				
Grain trimmers and sackers.....	50.0	29.50	1½	2	10 -9 -59				
Coal handlers.....	40.0	24.00	3/70c.	3/70c.	10 -10 -60				
Screwmen.....	60.6	30.00	2	2	8½ - 8½ - 49½				
Screwmen, foremen.....	72.7	36.00	2	2	8½ - 8½ - 49½				
Stave classifiers.....	35.0	18.90	1½	2	9 -9 -54				
Longshoremen and steve- dores.....	40.0	23.60	1½	2	10 -9 -59				
WESTERN.									
Los Angeles, Cal.:									
Longshoremen—									
Lumber handlers.....	35.0	18.90	3/50c.	3/50c.	9 -9 -54				
Loaders and unloaders, vessels.....	50.0	27.00	3/75c.	3/75c.	9 -9 -54				
General cargo, docks and sheds.....	40.0	21.60	3/60c.	3/60c.	9 -9 -54	35.0	18.90	9 -9 -54	
General cargo, foreign- bound and coastwise vessels.....	55.0	29.70	100c.	100c.	9 -9 -54				
Salvage work.....	100.0	54.00	100c.	100c.	9 -9 -54				

1 Scale became 27 cents on June 24, 1916.

2 Scale became 35 cents on June 24, 1916.

3 Actual rate, in cents, per hour.

4 Scale became 8 hours on July 1, 1916.

5 Scale became 40 cents on July 1, 1916.

6 Scale became 31.4 cents on July 1, 1916.

7 Scale became 30 cents on July 1, 1916.

8 Not organized on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

FREIGHT HANDLERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Portland, Oreg.:									
Longshoremen—									
Grain handlers.....	Cents. 40.0	Dolls. 21.60	Regular rate multiplied by— 1½ 1½		9 - 9 - 54		Cents. Dollars.		
Machine men, samplers, and weighers, grain.....	45.0	24.30	1½	1½	9 - 9 - 54				
Lumber and paper han- dlers.....	50.0	27.00	1½	1½	9 - 9 - 54				
General cargo, coastwise vessels.....	55.0	29.70	1½	1½	9 - 9 - 54				
General cargo, foreign- bound vessels.....	55.0	29.70	1 100c.	1 100c.	9 - 9 - 54				
San Francisco, Cal.:									
Longshoremen—									
General freight.....	50.0	27.00	1 75c.	1 75c.	9 - 9 - 54				
Coal handlers.....	55.0	29.70	1 100c.	1 100c.	9 - 9 - 54				
General cargo, coastwise vessels.....	55.0	29.70	1 100c.	1 100c.	9 - 9 - 54	50.0	27.00	9 - 9 - 54	
Damaged cargoes and salvage work.....	100.0	54.60	1 100c.	1 100c.	9 - 9 - 54				
Seattle, Wash.:									
Longshoremen—									
Freight truckers.....	30.0	16.20	1 40c.	1 40c.	9 - 9 - 54				
General cargo, foreign- bound vessels.....	50.0	27.00	1 60c.	1 60c.	9 - 9 - 54	(3)	(3)	(3)	
Lumber, ore, minerals, grain, and explosives.....	50.0	27.00	1 75c.	1 75c.	9 - 9 - 54	(3)	(3)	(3)	
Packing sacs weighing 150 pounds and over.....	55.0	29.70	1 82½c.	1 82½c.	9 - 9 - 54	(3)	(3)	(3)	
Winchmen, general cargo, coastwise vessels.....	60.0	32.40	1 70c.	1 70c.	9 - 9 - 54	(3)	(3)	(3)	
Handling creosoted lum- ber, or side runners, hatch tenders, etc., lumber, ore, and min- erals.....	60.0	32.40	1 90c.	1 90c.	9 - 9 - 54	(3)	(3)	(3)	
Side runners, hatch tend- ers, etc., creosoted lumber.....	70.0	37.80	1 105c.	1 105c.	9 - 9 - 54	(3)	(3)	(3)	
Salvage work.....	100.0	54.00	1	1	9 - 9 - 54	(3)	(3)	(3)	

GRANITE AND STONE TRADES.

GRANITE CUTTERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Outside ¹	52.5	23.10	1½	2	8 - 4 - 44	12	47.5	20.90	8 - 4 - 44
Outside.....	75.0	33.00	1½	2	8 - 4 - 44	12			
Inside.....	53.0	22.00	1½	2	8 - 4 - 44	12	45.6	20.08	8 - 4 - 44
Machine.....	53.1	23.38	1½	2	8 - 4 - 44	12	45.6	20.08	8 - 4 - 44

¹ Actual rate, in cents, per hour.

² Scale became 55 cents on Aug. 1, 1916.

³ No scale on May 1, 1915.

⁴ Working for granite companies.

⁵ Working for building contractors.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

GRANITE AND STONE TRADES—Continued.

GRANITE CUTTERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Bridgesport, Conn.:									
Outside.....	Cents. 52.5	Dolls. 23.10	1½	2	8 - 4 - 44	12	Cents. 48.5	Dolls. 21.83	8 - 5 - 45
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	46.0	20.70	8 - 5 - 45
Machine.....	53.0	23.32	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 5 - 45
Buffalo, N. Y.:									
Inside and outside.....	53.1	23.38	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Machine.....	62.5	27.50	1½	2	8 - 4 - 44	12	59.4	26.13	8 - 4 - 44
Fall River, Mass.:									
Outside and machine.....	53.1	23.38	1½	2	8 - 4 - 44	12	46.1	20.76	8 - 5 - 45
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	43.0	19.35	8 - 5 - 45
Manchester, N. H.: Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44
Newark, N. J.:									
Outside.....	53.1	23.38	1½	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	43.8	19.25	8 - 4 - 44
New Haven, Conn.:									
Outside.....	53.0	23.32	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	45.5	20.02	8 - 4 - 44
New York, N. Y.:									
Outside.....	62.5	27.50	2	2	8 - 4 - 44	12			
Outside ¹	68.8	30.25	2	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	2	2	8 - 4 - 44	12			
Machine.....	62.5	27.50	2	2	8 - 4 - 44	12			
Philadelphia, Pa.:									
Outside.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Machine.....	56.3	24.75	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.:									
Outside.....	65.0	28.60	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Inside.....	52.5	23.10	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Machine.....	52.5	23.10	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Providence, R. I.:									
Outside.....	50.0	22.00	1½	(²)	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Inside.....	50.0	22.00	1½	(²)	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44
Machine.....	55.0	21.20	1½	(²)	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Rochester, N. Y.:									
Outside.....	50.0	22.00	1½	2	8 - 4 - 44	5	48.1	21.18	8 - 4 - 44
Worcester, Mass.:									
Outside.....	50.0	22.50	1½	2	8 - 5 - 45	12	45.1	20.31	8 - 5 - 45
Inside.....	50.0	22.50	1½	2	8 - 5 - 45	12	42.0	18.90	8 - 5 - 45
Machine.....	53.0	23.85	1½	2	8 - 5 - 45	12	45.0	20.25	8 - 5 - 45
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Outside.....	50.0	22.00	1½	2	8 - 4 - 44	12	41.3	18.56	8 - 5 - 45
Baltimore, Md.:									
Outside.....	56.3	24.75	2	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	2	2	8 - 4 - 44	12			
Charleston, S. C.:									
Outside.....	45.0	19.80	1½	2	8 - 4 - 44	12			
Richmond, Va.:									
Outside.....	50.0	22.00	1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Machine.....	53.1	23.38	1½	2	8 - 4 - 44	12	48.1	21.18	8 - 4 - 44
Washington, D. C.:									
Outside.....	56.3	24.75	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Machine.....	56.3	24.75	1½	2	8 - 4 - 44	12	51.3	22.55	8 - 4 - 44

¹ Trim and fit stone cut outside of city.² Work on Sundays and holidays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
GRANITE AND STONE TRADES—Continued.
GRANITE CUTTERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Outside.....	62.5	27.50	1½	1 2	8 - 4 - 44	12			
Inside and machine.....	53.1	23.38	1½	1 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Cincinnati, Ohio:									
Outside.....	60.0	26.40	1½	1 2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Inside.....	50.0	22.00	1½	1 2	8 - 4 - 44	12			
Machine.....	57.0	25.08	1½	1 2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44
Cleveland, Ohio:									
Outside.....	62.5	27.50	2 1½	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	2 1½	2	8 - 4 - 44	12			
Monumental work.....	50.0	22.00	2 1½	2	8 - 4 - 44	12	46.3	20.35	8 - 4 - 44
Machine.....	53.8	23.65	2 1½	2	8 - 4 - 44	12	49.4	21.73	8 - 4 - 44
Detroit, Mich.:									
Outside.....	62.5	27.50	1½	2	8 - 4 - 44	12	51.3	22.81	8 - 4½ - 44½
Inside.....	59.0	22.00	1½	2	8 - 4 - 44	12	45.0	20.03	8 - 4½ - 44½
Machine.....	55.0	24.20	1½	2	8 - 4 - 44	12	50.0	22.25	8 - 4½ - 44½
Minneapolis, Minn.:									
Outside.....	69.4	30.53	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Monumental work.....	50.0	22.00	1½	2	8 - 4 - 44	12	47.5	20.90	8 - 4 - 44
St. Louis, Mo.:									
Outside.....	60.0	26.40	1½	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Machine.....	56.3	24.75	1½	2	8 - 4 - 44	12			
St. Paul, Minn.:									
Outside.....	65.8	28.88	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Monumental work.....	50.0	22.00	1½	2	8 - 4 - 44	12	47.5	20.90	8 - 4 - 44
SOUTH CENTRAL.									
Dallas, Tex.:									
Outside.....	57.5	25.30	1½	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Houston, Tex.:									
Outside.....	57.5	25.30	1½	2	8 - 4 - 44	12			
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12			
Machine.....	55.0	24.20	1½	2	8 - 4 - 44	12			
Little Rock, Ark.:									
Outside.....	50.0	22.00	1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Louisville, Ky.:									
Outside.....	55.0	24.20	1½	2	8 - 4 - 44	12	52.3	23.51	8 - 5 - 45
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	47.5	21.38	8 - 5 - 45
New Orleans, La.:									
Outside.....	50.0	22.50	1½	2	8 - 5 - 45	12	45.0	20.25	8 - 5 - 45
Machine.....	53.3	24.00	1½	2	8 - 5 - 45	12	50.0	22.50	8 - 5 - 45
WESTERN.									
Denver, Colo.:									
Inside.....	57.0	25.08	1½	2	8 - 4 - 44	12			
Machine.....	59.5	26.18	1½	2	8 - 4 - 44	12			
Los Angeles, Cal.:									
Outside.....	72.5	31.90	1½	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Trimming and fitting.....	69.4	30.53	1½	2	8 - 4 - 44	12	65.6	28.88	8 - 4 - 44
Inside.....	66.3	29.15	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Portland, Oreg.:									
Outside.....	68.8	30.25	1½	2	8 - 4 - 44	12			
Inside.....	62.5	27.50	1½	2	8 - 4 - 44	12			

1 And on Saturday afternoons.

2 Double time after 8 p. m. and on Saturday afternoons.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

GRANITE AND STONE TRADES—Continued.

GRANITE CUTTERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Salt Lake City, Utah:	<i>Cents. Dolls.</i>		<i>Regular rate multiplied by—</i>				<i>Cents. Dolls.</i>		
Inside.....	62.5	27.50	2	2	8 - 4 - 44	12			
Machine.....	68.8	30.25	2	2	8 - 4 - 44	12			
San Francisco, Cal.:									
Outside.....	72.5	31.90	2	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Inside.....	66.3	29.15	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Seattle, Wash.:									
Outside and machine.....	68.8	30.25	1½	2	8 - 4 - 44	12			
Inside.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Spokane, Wash.:									
Outside and machine.....	68.8	30.25	1½	2	8 - 4 - 44	12			
Inside.....	62.5	27.50	1½	2	8 - 4 - 44	12			

STONE CUTTERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Outside.....	65.0	28.60	2	2	8 - 4 - 44	12			
Inside.....	56.3	24.75	(1)	2	8 - 4 - 44	12			
Bridgeport, Conn.	56.3	24.75	1½	2	8 - 4 - 44		56.3	27.00	8 - 8 - 48
Buffalo, N. Y.:	56.3	24.75	1½	2	8 - 4 - 44	3	56.3	27.00	8 - 8 - 48
Newark, N. J.:									
First hands.....	68.8	30.25	1½	1½	8 - 4 - 44	12			
Second hands.....	62.5	27.50	1½	1½	8 - 4 - 44	12			
New Haven, Conn.	56.3	24.75	1½	2	8 - 4 - 44	12			
New York, N. Y.:									
First class.....	68.8	30.25	2	2	8 - 4 - 44	12			
Second class.....	62.5	27.50	2	2	8 - 4 - 44	12			
Blue stone.....	56.3	24.75	2	2	8 - 4 - 44	12			
Philadelphia, Pa.:									
Outside.....	62.5	27.50	1½	2	8 - 4 - 44	12			
Inside.....	56.3	24.75	1½	2	8 - 4 - 44	12			
Pittsburgh, Pa.	62.5	27.50	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Rochester, N. Y.	56.3	24.75	1½	2	8 - 4 - 44	12			
Scranton, Pa.:									
Outside and inside.....	50.0	22.00	1½	2	8 - 4 - 44		50.0	24.00	8 - 8 - 48
Machine.....	50.0	27.00	1½	2	9 - 9 - 54		(3)	(3)	(3)
SOUTH ATLANTIC.									
Atlanta, Ga.:	50.0	24.00	1½	2	8 - 8 - 48				
Baltimore, Md.:	56.3	24.75	(1)	(1)	8 - 4 - 44	12	50.0	22.50	8 - 4½ - 44½
Jacksonville, Fla.	50.0	22.50	1½	2	8 - 5 - 45	12			
Richmond, Va.	54.5	23.98	1½	2	8 - 4 - 44	12			
Washington, D. C.:	56.3	24.75	1½	2	8 - 4 - 44	12	54.0	23.76	8 - 4 - 44
NORTH CENTRAL.									
Chicago, Ill.:	62.5	27.50	(1)	(1)	8 - 4 - 44	12			
Cincinnati, Ohio.	62.5	27.81	1½	4 2	8 - 4½ - 44½	12	60.0	26.70	8 - 4½ - 44½
Cleveland, Ohio.	62.5	27.50	1½	4 2	8 - 4 - 44	12			
Columbus, Ohio.	60.0	26.40	(1)	(1)	8 - 4 - 44	12			

¹ Overtime work prohibited.

² Scale became 60 cents on Oct. 1, 1916.

³ No scale on May 1, 1915.

⁴ And on Saturday afternoon.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

GRANITE AND STONE TRADES—Concluded.

STONE CUTTERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Detroit, Mich.:									
Outside.....					8 - 4 -44	12			8 - 4 -44
Machine.....	50.0	22.00	1½	1 2	8 - 4 -44	12	62.5	27.50	(2) (2)
Grand Rapids, Mich.....	56.3	24.75	(2)	(2)	8 - 4 -44		56.3	27.00	(2) (2)
Indianapolis, Ind.....	56.3	24.75	1½	1 2	8 - 4 -44	12			
Kansas City, Mo.....	62.5	27.50	1½	1 2	8 - 4 -44	12			
Milwaukee, Wis.....	56.3	24.75	1½	2	8 - 4 -44	12			
Minneapolis, Minn.....	62.5	27.50	2	2	8 - 4 -44	12			
Omaha, Nebr.....	58.8	25.85	1½	2	8 - 4 -44	12			
Peoria, Ill.....	50.0	22.00	2	2	8 - 4 -44	12			
St. Louis, Mo.....	62.5	27.50	1½	2	8 - 4 -44	12			
St. Paul, Minn.....	60.0	26.40	1½	2	8 - 4 -44	12			
SOUTH CENTRAL.									
Birmingham, Ala.....	50.0	22.00	1½	2	8 - 4 -44	12			
Dallas, Tex.....	62.5	27.50	1½	2	8 - 4 -44	12			
Houston, Tex.....	62.5	27.50	1½	2	8 - 4 -44	12			
Little Rock, Ark.....	55.0	24.20	1½	2	8 - 4 -44	12			
Louisville, Ky.....	56.3	24.75	1½	2	8 - 4 -44		56.3	27.00	8 - 8 -48
Memphis, Tenn.....	65.0	28.60	1½	2	8 - 4 -44	12			
WESTERN.									
Denver, Colo.....	62.5	27.50	1½	2	8 - 4 -44	12			
Portland, Oreg.....	70.0	30.80	1½	2	8 - 4 -44	12			
Salt Lake City, Utah.....	62.5	27.50	1½	2	8 - 4 -44	12			
San Francisco, Cal.....	70.0	30.80	1½	2	8 - 4 -44	12			
Seattle, Wash.....	70.0	30.80	1½	1½	8 - 4 -44	12			
Spokane, Wash.....	70.0	30.80	1½	2	8 - 4 -44	12			

METAL TRADES.

BLACKSMITHS.

NORTH ATLANTIC.									
Boston, Mass.:									
Railroad shops, road A.....	30.5	16.47	1½	1½	4 9 - 8 -53		28.5	15.39	4 9 - 8 -53
Railroad shops, road B.....	30.5	16.17	1½	1½	9 - 8 -53				
Buffalo, N. Y.:									
Manufacturing shops.....	55.0	27.50	1½	2	9 - 5 -50		(2)	(2)	(2)
Jobbing shops.....	50.0	27.00	1½	1½	9 - 9 -54				
New Haven, Conn.: Railroad shops.....	30.5	16.47	1½	1½	4 9 - 8 -53		28.5	15.39	4 9 - 8 -53
New York, N. Y.:									
Manufacturing and job- bing shops—									
Manhattan, Bronx, and Queens.....	53.1	25.50	2	2½	8 - 8 -48		44.4	24.00	4 9 - 8 -53
Brooklyn.....	56.3	27.00	2	2½	8 - 8 -48		(2)	(2)	(2)

1 And on Saturday afternoon.

2 No scale on May 1, 1915.

3 Work prohibited.

4 Work 53 hours, paid for 54.

5 Scale became 32.5 cents on June 10, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	37.5	18.00	1½	2	1 8 - 8 - 48				
Locomotive works.....	32.5	16.25	1½	2	9 - 5 - 50	12			
Hammermen, locomotive works.....	80.0	40.00	1½	2	9 - 5 - 50	12			
Railroad shops.....	39.0	21.06	1½	1½	9 - 9 - 54		36.0	19.44	9 - 9 - 54
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Manufacturing and job- bing shops.....	37.5	20.25	1½	1½	9 - 9 - 54				
Railroad shops, roads A and B.....	42.0	22.68	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Railroad shops, road E.....	35.0	18.90	1½	1½	9 - 9 - 54				
Charleston, S. C.:									
Manufacturing and job- bing shops.....	41.7	22.50	1½	2	9 - 9 - 54		36.0	19.44	9 - 9 - 54
Railroad shops, road A.....	42.0	20.16	1½	1½	8 - 8 - 48		40.5	19.44	8 - 8 - 48
Railroad shops, road B.....	36.0	19.44	1½	1½	9 - 9 - 54		33.0	17.82	9 - 9 - 54
Jacksonville, Fla.:									
Railroad shops, road C— Heavy fires, locomotive work.....	44.0	22.00	1½	1½	9 - 5 - 50		43.0	23.22	9 - 9 - 54
Light fires, locomotive work.....	42.0	21.00	1½	1½	9 - 5 - 50		41.0	22.14	9 - 9 - 54
Light fires, car work.....	36.0	18.00	1½	1½	9 - 5 - 50		32.0	17.28	9 - 9 - 54
Railroad shops, road D.....	44.0	27.72	1½	1½	9 - 9 - 63		43.0	27.09	9 - 9 - 63
Richmond, Va.:									
Manufacturing shops.....	32.5	17.88	1½	2	10 - 5 - 55	12			
Locomotive works.....	36.0	18.00	1½	2	9 - 5 - 50	12	32.5	16.25	9 - 5 - 50
Hammermen, locomotive works.....	70.0	35.00	1½	2	9 - 5 - 50	12			
Railroad shops, road A.....	36.9	19.90	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	40.0	21.60	1½	1½	9 - 9 - 54				
NORTH CENTRAL.									
Chicago, Ill.:									
Manufacturing shops.....	48.0	21.12	1½	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Manufacturing and job- bing shops.....	46.2	22.87	1½	2	9 - 4½ - 49½	12	43.2	21.38	9 - 4½ - 49½
Hammermen, manufactur- ing shops.....	63.0	31.19	1½	2	9 - 4½ - 49½	12	60.0	29.70	9 - 4½ - 49½
Outside.....	75.0	33.00	1½	2	8 - 4 - 44	12			
Railroad shops, road A.....	42.0	22.68	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Railroad shops, road B.....	43.5	23.49	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Railroad shops, roads C, D, and E.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road F.....	42.0	22.68	1½	1½	9 - 9 - 54		40.0	21.00	9 - 9 - 54
Hammermen, railroad shops.....	55.5	29.97	1½	1½	9 - 9 - 54		52.5	28.35	9 - 9 - 54

¹ Hours vary, but total 48 per week.² For first 2 hours; double time thereafter.³ Hours worked; maximum 9 per day, 54 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Cincinnati, Ohio: Railroad shops.....	Cents. 35.0	Dolls. 18.90	1½	1½	9 - 9 - 54		Cents. 33.5	Dolls. 18.09	9 - 9 - 54
Indianapolis, Ind.: Railroad shops, road B.....	34.5	18.63	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	35.0	18.90	1½	1½	9 - 9 - 54		32.5	17.55	9 - 9 - 54
Kansas City, Mo.:									
Railroad shops, road A.....	36.0	19.44	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	35.0	16.80	1½	1½	8 - 8 - 48				
Railroad shops, road C.....	35.0	18.90	1½	1½	9 - 9 - 54				
Railroad shops, first fire, road D.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, freight fire, road D.....	39.0	21.06	1½	1½	9 - 9 - 54				
Railroad shops, road E—									
First fire.....	45.0	24.25	1½	1½	19 - 8 - 53				
Second fire.....	43.0	23.17	1½	1½	19 - 8 - 53				
Light fire.....	36.0	19.40	1½	1½	19 - 8 - 53				
Railroad shops, road F.....	39.0	21.01	1½	1½	19 - 8 - 53				
Railroad shops, road H—									
Frame fire.....	44.0	23.76	1½	1½	9 - 9 - 54				
Second fire.....	42.5	22.95	1½	1½	9 - 9 - 54				
Heavy car fire, or engine fire, or tool fire.....	41.5	22.41	1½	1½	9 - 9 - 54				
Ordinary fire.....	34.5	18.63	1½	1½	9 - 9 - 54				
Milwaukee, Wis.:									
Railroad shops.....	231.5	16.07	1½	1½	9 - 5 - 50	5			
Forging machine, railroad shops.....	230.0	15.30	1½	1½	9 - 5 - 50	5			
Trip-hammermen, railroad shops.....	430.5	15.56	1½	1½	9 - 5 - 50	5			
Hammermen, railroad shops.....	537.5	19.13	1½	1½	9 - 5 - 50	5			
Minneapolis, Minn.:									
Railroad shops, road A—									
Heavy fire.....	644.5	22.70	1½	1½	9 - 5 - 50	5			
Second fire.....	743.0	21.93	1½	1½	9 - 5 - 50	5			
General fire.....	841.5	21.17	1½	1½	9 - 5 - 50	5			
General fire.....	939.5	20.15	1½	1½	9 - 5 - 50	5			
General fire.....	1038.0	19.38	1½	1½	9 - 5 - 50	5			
General car fire.....	1137.0	18.87	1½	1½	9 - 5 - 50	5			
Railroad shops, road B—									
Big fire.....	1244.5	22.70	1½	1½	9 - 5 - 50	5			
Spring fire.....	1342.0	21.42	1½	1½	9 - 5 - 50	5			
Tool fire.....	1441.5	21.17	1½	1½	9 - 5 - 50	5			

1 Work 53 hours, paid for 53 hours and 53 minutes.
 2 Scale became 32.5 cents on June 13, 1916.
 3 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 4 Scale became 35 cents on June 13, 1916.
 5 Scale became 45 cents on June 13, 1916.
 6 Scale became 47 cents on June 15, 1916.
 7 Scale became 45.5 cents on June 15, 1916.
 8 Scale became 44 cents on June 15, 1916.
 9 Scale became 42 cents on June 15, 1916.
 10 Scale became 40.5 cents on June 15, 1916.
 11 Scale became 39.5 cents on June 15, 1916.
 12 Scale became 47 cents on June 1, 1916.
 13 Scale became 44.5 cents on June 1, 1916.
 14 Scale became 44 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Minneapolis, Minn.—concl'd.									
Railroad shops, road B—									
General fire.....	41.0	20.91	1½	1½	29-5-50	5			
General fire.....	45.0	22.95	1½	1½	29-5-50	5	(2)	(2)	(2)
Mixed fire.....	38.5	19.64	1½	1½	29-5-50	5			
Light fire.....	36.0	18.36	1½	1½	29-5-50	5			
Railroad shops, road C—									
Big fire.....	46.0	23.46	1½	1½	29-5-50	5			
Spring fire.....	44.0	22.44	1½	1½	29-5-50	5			
Tool fire.....	43.5	22.19	1½	1½	29-5-50	5			
General fire.....	43.0	21.93	1½	1½	29-5-50	5			
Mixed fire.....	41.0	20.91	1½	1½	29-5-50	5			
Light fire.....	39.0	19.99	1½	1½	29-5-50	5			
St. Louis, Mo.:									
Manufacturing shops.....	33.3	18.00	1½	1½	9-9-54				
Outside.....	65.0	28.60	2	2	8-4-44	12			
Railroad shops, road A.....	41.5	22.36	1½	1½	69-8-53				
Railroad shops, road B—									
First fire.....	45.0	24.25	1½	1½	69-8-53				
Second fire.....	43.0	23.17	1½	1½	69-8-53				
Miscellaneous fires.....	40.0	21.55	1½	1½	69-8-53				
Light fires.....	36.0	19.40	1½	1½	69-8-53				
Railroad shops, road C—									
Big fire.....	46.5	25.11	1½	1½	9-9-54				
Second fire.....	42.0	22.68	1½	1½	9-9-54				
Miscellaneous fires.....	41.0	22.14	1½	1½	9-9-54				
Miscellaneous fires.....	39.0	21.06	1½	1½	9-9-54				
Light fire.....	39.5	21.33	1½	1½	9-9-54				
Car fire.....	34.5	18.63	1½	1½	9-9-54				
Railroad shops, road E.....	52.0	24.96	1½	1½	8-8-48		41.0	22.14	9-9-54
Railroad shops, roads F, G, and I.....	40.0	21.60	1½	1½	9-9-54				
Railroad shops, road H.....	41.5	22.41	1½	1½	9-9-54				
St. Paul, Minn.:									
Railroad shops, road A—									
First heavy fire.....	746.0	23.46	1½	1½	29-5-50	5			
Second heavy fire.....	44.0	22.44	1½	1½	29-5-50	5			
General fires.....	43.0	21.93	1½	1½	29-5-50	5			
Railroad shops, road B—									
First heavy fire.....	46.0	23.46	1½	1½	29-5-50	5			
Second heavy fire.....	44.0	22.44	1½	1½	29-5-50	5			
General fires.....	43.0	21.93	1½	1½	29-5-50	5			
General fires.....	41.0	20.91	1½	1½	29-5-50	5			
General car fire.....	38.0	19.38	1½	1½	29-5-50	5			

¹ Scale became 43.5 cents on June 1, 1916.

² Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.

³ No scale on May 1, 1915.

⁴ Scale became 41 cents on June 1, 1916.

⁵ Scale became 38.5 cents on June 1, 1916.

⁶ Work 53 hours, paid for 53 hours and 53 minutes.

⁷ Scale became 48.5 cents on June 15, 1916.

⁸ Scale became 46.5 cents on June 15, 1916.

⁹ Scale became 45.5 cents on June 15, 1916.

¹⁰ Scale became 43.5 cents on June 1, 1916.

¹¹ Scale became 46.5 cents on June 1, 1916.

¹² Scale became 45.5 cents on June 1, 1916.

¹³ Scale became 43.5 cents on June 1, 1916.

¹⁴ Scale became 40.5 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Paul, Minn.—Continued.									
Railroad shops, road C—	Cents.	Dolls.	Regular rate multi- plied by—				Cents.	Dolls.	
Heavy fire.....	143.0	21.93	1½	1½	9 - 5 - 50	5			
Tool fire.....	841.0	20.91	1½	1½	9 - 5 - 50	5			
General fires.....	440.0	20.40	1½	1½	9 - 5 - 50	5			
General car fire.....	539.0	19.89	1½	1½	9 - 5 - 50	5			
Mixed fire.....	638.5	19.64	1½	1½	9 - 5 - 50	5			
SOUTH CENTRAL.									
Birmingham, Ala.:									
Railroad shops, road B....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, roads D, E, and F.....	42.0	22.68	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Little Rock, Ark.:									
Railroad shops, road A....	42.5	22.90	1½	1½	7 9 - 8 - 53				
Flue welders.....	40.5	21.82	1½	1½	7 9 - 8 - 53				
Car work.....	31.5	16.97	1½	1½	7 9 - 8 - 53				
Railroad shops, road B—									
First fire.....	45.0	24.25	1½	1½	9 - 8 - 53				
Second fire.....	43.0	23.17	1½	1½	7 9 - 8 - 53				
Miscellaneous fires or forging machines.....									
Light fire.....	36.0	19.40	1½	1½	7 9 - 8 - 53				
Hammermen.....	35.0	18.86	1½	1½	7 9 - 8 - 53				
Bulldozer hammermen.....	33.5	18.05	1½	1½	7 9 - 8 - 53				
Memphis, Tenn.:									
Manufacturing shops.....									
Railroad shops—									
Frame fire.....	44.0	23.76	1½	1½	9 - 9 - 54				
Engine fire.....	42.5	22.95	1½	1½	9 - 9 - 54				
Car fire.....	30.0	16.20	1½	1½	9 - 9 - 54				
New Orleans, La.:									
Manufacturing shops.....									
Railroad shops, road B....	41.5	22.41	1½	1½	9 - 9 - 54				
Railroad shops, road C....	43.5	23.49	1½	1½	8 9 - 8 - 53				
Railroad shops, road D....	941.0	22.14	1½	1½	9 - 9 - 54				
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....									
Railroad shops, road A—	41.0	22.14	1½	1½	9 - 9 - 54		40.0	21.60	9 - 9 - 54
First or second fire.....	47.4	22.73	1½	1½	8 - 8 - 48		46.4	22.25	8 - 8 - 48
General fire.....	43.5	20.88	1½	1½	8 - 8 - 48		42.5	20.40	8 - 8 - 48
Railroad shops, road B—									
First fire.....	46.0	22.08	1½	1½	8 - 8 - 48		45.0	21.60	8 - 8 - 48
Second fire.....	43.0	20.64	1½	1½	8 - 8 - 48		42.0	20.16	8 - 8 - 48
Railroad shops, road D—									
First fire.....	46.0	24.84	1½	1½	9 - 9 - 54		45.0	24.30	9 - 9 - 54
General fire.....	42.0	22.68	1½	1½	9 - 9 - 54		41.5	22.41	9 - 9 - 54
Railroad shops, road F....	42.0	20.16	1½	1½	8 - 8 - 48		41.0	19.68	8 - 8 - 48

1 Scale became 45.5 cents on June 1, 1916.
 2 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 3 Scale became 43.5 cents on June 1, 1916.
 4 Scale became 42.5 cents on June 1, 1916.
 5 Scale became 41.5 cents on June 16, 1916.
 6 Scale became 41 cents on June 1, 1916.
 7 Work 53 hours, paid for 53 and 53 minutes
 8 Work 53 hours, paid for 54.
 9 Scale became 42 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
WESTERN—concluded.									
Portland, Oreg.: Manu- facturing and jobbing shops	Cents. 45.0	Dolls. 24.30			9 - 9 - 54		Cents.	Dolls.	
Salt Lake City, Utah: Manufacturing and jobbing shops	45.7	21.94	1½	1½	8 - 8 - 48	44.7	21.46	8 - 8 - 48	
Railroad shops— First fire	49.5	23.76	1½	1½	8 - 8 - 48	48.6	23.30	8 - 8 - 48	
Second fire or head spring fire	48.5	23.28	1½	1½	8 - 8 - 48	47.5	22.78	8 - 8 - 48	
Third fire	47.0	22.56	1½	1½	8 - 8 - 48	46.0	22.08	8 - 8 - 48	
General fires or bulldozer and forging machines	45.7	21.94	1½	1½	8 - 8 - 48	44.7	21.46	8 - 8 - 48	
Bolt makers	43.0	20.64	1½	1½	8 - 8 - 48	42.0	20.16	8 - 8 - 48	
San Francisco, Cal.: Manu- facturing shops	50.0	24.00	1½	1½	8 - 8 - 48				
Spokane, Wash.: Railroad shops— First fire	44.5	24.57	1½	1½	9 - 9 - 54				
General fires	44.0	23.76	1½	1½	9 - 9 - 54				

BLACKSMITHS' HELPERS.

NORTH ATLANTIC.									
Boston, Mass.: Railroad shops, road A	22.5	12.15	1½	1½	4 9 - 8 - 53	19.5	10.53	4 9 - 8 - 53	
Railroad shops, road B	23.5	12.46	1½	1½	9 - 8 - 53				
Buffalo, N. Y.: Manufacturing shops	30.0	15.00	1½	2	9 - 5 - 50	(6)	(6)	(6)	
Job shops	27.5	14.85	1½	2	9 - 9 - 54				
New Haven, Conn.: Railroad shops	22.0	11.88	1½	1½	4 9 - 8 - 53	21.0	11.34	4 9 - 8 - 53	
New York, N. Y.: Manufacturing and job shops— Manhattan, Bronx, and Queens	32.5	15.60	2	2½	8 - 8 - 48	27.6	14.88	4 9 - 8 - 53	
Brooklyn	34.4	16.50	2	2½	8 - 8 - 48	(6)	(6)	(6)	
Pittsburgh, Pa.: Manufacturing shops	28.1	13.50	1½	2	8 - 8 - 48				
Locomotive works	28.1	14.06	1½	2	9 - 5 - 50	12			
Railroad shops	25.0	13.50	1½	1½	9 - 9 - 54	22.0	11.88	9 - 9 - 54	
SOUTH ATLANTIC.									
Jacksonville, Fla.: Railroad shops, road C	15.5	7.75	1½	1½	9 - 5 - 50	15.5	8.37	9 - 9 - 54	
Railroad shops, road D	17.0	10.71	1½	1½	9 - 9 - 63	16.5	10.40	9 - 9 - 63	
Richmond, Va.: Railroad shops	22.0	11.88	1½	1½	9 - 9 - 54	21.0	11.34	9 - 9 - 54	

¹ Scale became 48 cents on June 1, 1916.

² Double time after midnight.

³ Scale became 46.5 cents on June 1, 1916.

⁴ Work 53 hours, paid 54.

⁵ Scale became 25.5 cents on June 10, 1916.

⁶ No scale on May 1, 1915.

⁷ Hours vary but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS' HELPERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	38.0	16.72	1 1/2	2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44
Manufacturing and jobbing shops.....	33.0	18.81	1 1/2	2	9 - 4 1/2 - 49 1/2	12	35.0	17.33	9 - 4 1/2 - 49 1/2
Outside.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Railroad shops, roads A, C, D, and E.....	28.0	15.12	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	30.0	16.20	1 1/2	1 1/2	9 - 9 - 54		28.0	15.12	9 - 9 - 54
Railroad shops, road F.....	29.0	15.66	1 1/2	1 1/2	9 - 9 - 54		28.0	15.12	9 - 9 - 54
Cincinnati, Ohio: Railroad shops.....	21.0	11.34	1 1/2	1 1/2	9 - 9 - 54		20.0	10.80	9 - 9 - 54
Indianapolis, Ind.: Railroad shops.....	20.5	11.07	1 1/2	1 1/2	9 - 9 - 54				
Kansas City, Mo.:									
Railroad shops, road A.....	19.0	10.26	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	20.0	9.60	1 1/2	1 1/2	8 - 8 - 48				
Railroad shops, road C.....	19.5	10.53	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road D.....	26.0	14.04	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road E—									
First fire.....	28.0	15.09	1 1/2	1 1/2	29 - 8 - 53				
Second fire.....	25.5	13.74	1 1/2	1 1/2	29 - 8 - 53				
Light fire.....	24.0	12.93	1 1/2	1 1/2	29 - 8 - 53				
Railroad shops, road F.....	26.0	14.01	1 1/2	1 1/2	29 - 8 - 53				
Railroad shops, road H—									
Second fire.....	26.0	14.04	1 1/2	1 1/2	9 - 9 - 54				
Heavy car fire or tool fire.....	24.5	13.23	1 1/2	1 1/2	9 - 9 - 54				
Ordinary fire.....	23.5	12.69	1 1/2	1 1/2	9 - 9 - 54				
Milwaukee, Wis.:									
Railroad shops.....	3 22.0	11.22	1 1/2	1 1/2	49 - 5 - 50	5			
Hammermen's helpers, railroad shops.....	5 23.0	11.73	1 1/2	1 1/2	49 - 5 - 50	5			
Minneapolis, Minn.:									
Railroad shops, road B—									
Big fire.....	6 26.0	13.26	1 1/2	1 1/2	49 - 5 - 50	5			
Big fire.....	7 23.5	13.01	1 1/2	1 1/2	49 - 5 - 50	5			
General fire.....	8 24.5	12.50	1 1/2	1 1/2	49 - 5 - 50	5			
Railroad shops, road C—									
Big fire.....	27.5	14.03	1 1/2	1 1/2	49 - 5 - 50	5			
Spring fire.....	25.5	13.01	1 1/2	1 1/2	49 - 5 - 50	5			
General fire.....	24.5	12.50	1 1/2	1 1/2	49 - 5 - 50	5			
St. Louis, Mo.:									
Manufacturing shops.....	23.0	12.42	1 1/2	1 1/2	9 - 9 - 54	12			
Outside.....	40.0	17.60	2	2	8 - 4 - 44	12			
Railroad shops, road A.....	23.0	12.19	1 1/2	1 1/2	29 - 8 - 53				
Railroad shops, road B—									
First fire.....	28.0	15.09	1 1/2	1 1/2	29 - 8 - 53				
Second fire.....	25.5	13.74	1 1/2	1 1/2	29 - 8 - 53				
Miscellaneous fires or light fire.....	24.5	13.20	1 1/2	1 1/2	29 - 8 - 53				

1 For first two hours; double time thereafter.

2 Work 53 hours, paid for 53 hours and 53 minutes.

3 Scale became 23.5 cents on June 13, 1916.

4 Work 50 hours, paid for 51; work 53 hours, paid for 54; October to April, inclusive.

5 Scale became 24.5 cents on June 13, 1916.

6 Scale became 23 cents on June 1, 1916.

7 Scale became 27.5 cents on June 1, 1916.

8 Scale became 26.5 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS' HELPERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.—Concluded.									
Railroad shops, road C—									
Big fire.....	29.0	15.66	1½	1½	9 - 9 - 54				
Second fire.....	27.5	14.85	1½	1½	9 - 9 - 54				
Miscellaneous fires.....	26.5	14.31	1½	1½	9 - 9 - 54				
Miscellaneous fires.....	26.0	14.04	1½	1½	9 - 9 - 54				
Car fire.....	25.5	13.77	1½	1½	9 - 9 - 54				
Car fire.....	25.0	13.50	1½	1½	9 - 9 - 54				
Railroad shops, road E.....	35.0	16.80	1½	1½	8 - 8 - 48	24.5	13.23	9 - 9 - 54	
Railroad shops, road F.....	23.5	12.69	1½	1½	9 - 9 - 54				
Railroad shops, road G.....	25.0	13.50	1½	1½	9 - 9 - 54				
Railroad shops, road H.....	26.5	14.31	1½	1½	9 - 9 - 54	25.0	13.50	9 - 9 - 54	
Railroad shops, road I.....	24.0	12.96	1½	1½	9 - 9 - 54				
St. Paul, Minn.:									
Railroad shops, road A—									
First heavy fire.....	1 28.5	14.54	1½	1½	2 9 - 5 - 50	5			
Second heavy fire.....	2 28.0	14.28	1½	1½	2 9 - 5 - 50	5			
General fires.....	4 26.5	13.52	1½	1½	2 9 - 5 - 50	5			
Railroad shops, road B.....	5 27.5	14.03	1½	1½	2 9 - 5 - 50	5			
Railroad shops, road B.....	6 24.5	12.50	1½	1½	2 9 - 5 - 50	5			
Railroad shops, roads B and C.....	7 25.5	13.01	1½	1½	2 9 - 5 - 50	5			
Railroad shops, road C.....	8 24.0	12.24	1½	1½	2 9 - 5 - 50	5			
SOUTH CENTRAL.									
Little Rock, Ark.:									
Railroad shops, car work, road A.....	24.5	13.20	1½	1½	9 9 - 8 - 53				
Railroad shops, car work, road A.....	23.5	12.66	1½	1½	9 9 - 8 - 53				
Railroad shops, road B.....	24.0	12.93	1½	1½	9 9 - 8 - 53				
New Orleans, La.:									
Manufacturing shops.....	25.0	13.50	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	20.0	10.80	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	25.5	13.77	1½	1½	10 9 - 8 - 53				
Railroad shops, road D.....	11 23.0	12.42	1½	1½	9 - 9 - 54				
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....	27.0	14.58	1½	1½	9 - 9 - 54	25.0	13.50	9 - 9 - 54	
Railroad shops, road A.....	30.0	14.40	1½	1½	8 - 8 - 48	29.0	13.92	8 - 8 - 48	
Railroad shops, road D—									
First fire.....	30.0	16.20	1½	1½	9 - 9 - 54	29.0	15.66	9 - 9 - 54	
General fire.....	29.0	15.66	1½	1½	9 - 9 - 54	28.0	15.12	9 - 9 - 54	
Railroad shops, road F—									
First or second fire.....	30.0	14.40	1½	1½	8 - 8 - 48	29.0	13.92	8 - 8 - 48	
General fires.....	29.0	13.92	1½	1½	8 - 8 - 48	28.0	13.44	8 - 8 - 48	

1 Scale became 30 cents on June 15, 1916.

2 Work 50 hours, paid for 51; 53 hours, paid for 54; October to April, inclusive.

3 Scale became 29.5 cents on June 15, 1916.

4 Scale became 28 cents on June 1, 1916.

5 Scale became 29.5 cents on June 1, 1916.

6 Scale became 28.5 cents on June 1, 1916.

7 Scale became 27.5 cents on June 1, 1916.

8 Scale became 26 cents on June 1, 1916.

9 Work 53 hours, paid for 53 hours and 53 minutes.

10 Work 53 hours, paid for 54.

11 Scale became 24 cents on June 16, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BLACKSMITHS' HELPERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Portland, Oreg.: Manu- facturing and jobbing shops...	Cents. 27.8	Dolls. 15.00			9 - 9 -54		Cents. Dolls.		
Salt Lake City, Utah: Railroad shops—			Regular rate multi- plied by—						
First fire	33.0	15.84	1½	1½	8 - 8 -48		32.0	15.36	8 - 8 -48
General fires	32.0	15.36	1½	1½	8 - 8 -48		31.0	14.88	8 - 8 -48
San Francisco, Cal.: Manu- facturing shops	37.5	18.00	1½	2	8 - 8 -48				

BOILER MAKERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Railroad shops, road A	30.5	16.47	1½	1½	19 - 8 -53		28.5	15.39	9 - 8 -53
Railroad shops, road B	30.5	16.17	1½	1½	9 - 8 -53				
Buffalo, N. Y.:									
Manufacturing shops	40.0	21.60	3 1½	3 1½	9 - 9 -54		36.0	19.44	9 - 9 -54
Manufacturing shops	45.6	24.60	3 1½	3 1½	9 - 9 -54		41.7	22.50	9 - 9 -54
Outside	50.0	27.00	1½	1½	9 - 9 -54				
Railroad shops, road A	35.0	21.00	1½	1½	10 -10 -60		30.0	18.00	10 -10 -60
Railroad shops, road B	28.0	16.80	1½	1½	10 -10 -60				
Railroad shops, road C	34.0	20.40	1	1	10 -10 -60				
Railroad shops, road D	27.0	16.20	1½	1½	10 -10 -60				
Railroad shops, road E	34.0	18.36	1½	1½	9 - 9 -54				
Railroad shops, road F	33.0	19.80	1½	1½	10 -10 -60		27.0	16.20	10 -10 -60
New Haven, Conn., railroad shops									
	30.5	16.47	1½	1½	19 - 8 -53		28.5	15.39	9 - 8 -53
New York, N. Y.:									
Manufacturing shops	43.8	21.00	2	2½	8 - 8 -48		38.9	21.00	9 - 9 -54
Manufacturing shops, ma- rine work	46.9	22.50	2	2	8 - 8 -48		41.7	22.50	9 - 9 -54
Outside	62.5	27.50	2	2	8 - 4 -44	12			
Outside, marine work	46.9	22.50	2	2½	8 - 8 -48				
Philadelphia, Pa.:									
Manufacturing shops	33.3	16.33	2	2	9 - 4 -49	12			
Outside	50.0	22.00	2	4 2	8 - 4 -44	12			
Pittsburgh, Pa.:									
Manufacturing and jobbing shops	44.0	22.00	(5)	6 3	9 - 5 -50	12	40.0	21.60	9 - 9 -54
Building work	56.3	24.75	2	2	8 - 4 -44	12	50.0	22.00	8 - 4 -44
Outside	56.3	27.00	2	2	8 - 8 -48	4	50.0	24.00	8 - 8 -48
Railroad shops, road A	37.5	20.25	1½	1½	9 - 9 -54		36.0	19.44	9 - 9 -54
Railroad shops, road B	38.0	20.52	1½	1½	9 - 9 -54		36.0	19.44	9 - 9 -54

¹ Work 53 hours, paid for 54.

² Scale became 32.5 cents on June 10, 1916.

³ On new work; repair work, double time.

⁴ For Labor Day, regular rate multiplied by 3.

⁵ On new work, regular rate multiplied by 1½; after 4 p. m. on Saturday, by 2; on repair work, regular rate multiplied by 2; after 4 p. m. on Saturday, by 2½.

⁶ On repair work; on new work, regular rate multiplied by 2. For Labor Day, regular rate multiplied by 4.

⁷ On new work; on repair work, regular rate multiplied by 3; for Labor Day, regular rate multiplied by 4.

⁸ 44 hours and \$24.75 per week, June to September, inclusive.

⁹ For Labor Day, regular rate multiplied by 4.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Rochester, N. Y.:									
Manufacturing and jobbing shops.....	Cents. 50.0	Dolls. 27.00	2	2	19-9-54	3	Cents.	Dolls. ....	.....
Railroad shops, road A.....	28.5	17.10	1½	1½	10-10-60	.....	.....	.....	.....
Railroad shops, road B.....	36.0	19.44	1½	1½	9-9-54	.....	34.0	18.36	9-9-54
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Manufacturing and jobbing shops.....	35.0	18.90	1½	1½	9-9-54	.....	.....	.....	.....
Locomotive works.....	41.0	22.14	1½	1½	9-9-54	.....	40.0	21.00	9-9-54
Railroad shops.....	42.0	22.68	1½	1½	9-9-54	.....	41.0	22.14	9-9-54
Baltimore, Md.:									
Manufacturing shops.....	30.6	16.50	2	2	9-9-54	.....	.....	.....	.....
Outside.....	56.3	27.00	2	2	8-8-48	.....	50.0	24.00	8-8-48
Charleston, S. C.:									
Railroad shops, road A.....	42.0	22.68	1½	1½	9-9-54	.....	41.0	22.14	9-9-54
Railroad shops, road B.....	42.0	22.68	1½	1½	9-9-54	.....	40.5	21.87	9-9-54
Jacksonville, Fla.:									
Manufacturing and jobbing shops.....	40.0	21.60	1½	2	9-9-54	.....	.....	.....	.....
Railroad shops.....	44.5	24.03	1½	1½	9-9-54	.....	43.5	23.49	9-9-54
Richmond, Va.:									
Railroad shops, road A.....	42.3	22.82	1½	1½	9-9-54	.....	41.3	22.28	9-9-54
Railroad shops, road B.....	42.0	22.68	1½	1½	9-9-54	.....	41.0	22.14	9-9-54
Railroad shops, road C.....	42.0	22.68	1½	1½	9-9-54	.....	40.5	21.87	9-9-54
NORTH CENTRAL.									
Chicago, Ill.:									
Manufacturing and job shops.....	40.0	21.60	2	2	9-9-54	.....	.....	.....	.....
Outside.....	62.5	27.50	2	2	8-4-44	12	.....	.....	.....
Cincinnati, Ohio:									
Manufacturing shops.....	35.0	17.33	1½	1½	9-4½-49½	12	.....	.....	.....
Outside.....	50.0	24.00	2	2	8-8-48	.....	.....	.....	.....
Outside, tanks and smokestacks.....	62.5	30.00	2	2	8-8-48	.....	.....	.....	.....
Railroad shops, road A.....	36.5	18.37	1½	1½	9-5½-50½	12	.....	.....	.....
Railroad shops, road B.....	37.5	20.25	1½	1½	9-9-54	.....	36.0	19.44	9-9-54
Cleveland, Ohio:									
Manufacturing shops.....	40.0	19.80	1½	2	9-4½-49½	5	35.0	17.33	9-4½-49½
Outside.....	56.3	24.75	1½	2	8-4-44	5	50.0	22.00	8-4-44
Railroad shops, road A.....	37.0	18.50	1½	1½	9-5-50	5	35.5	19.17	9-9-54
Railroad shops, road B.....	35.0	17.50	1½	1½	7-9-50	5	34.0	18.36	9-9-54
Railroad shops, road C.....	40.0	20.00	1½	1½	9-5-50	3	36.5	19.71	9-9-54
Columbus, Ohio.....	38.0	19.00	1½	1½	9-5-50	12	36.0	18.00	9-5-50

¹ 50 hours and \$25 per week, June to August, inclusive.

² Scale became 38 cents on June 1, 1916.

³ On new work; on repair work, double time.

⁴ 54 hours and \$21.60 per week, October to April, inclusive.

⁵ 48 hours and \$27 per week, October to April, inclusive.

⁶ 54 hours and \$19.98 per week, October to April, inclusive.

⁷ 54 hours and \$18.90 per week, October to April, inclusive.

⁸ 44 hours and \$27.50 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Detroit, Mich.:									
Manufacturing shops.....	Cents. 40.0	Dolls. 22.00	1½	2	10 - 5 - 55	12			
Outside.....	62.5	30.00	2	2	18 - 8 - 48	3			
Railroad shops, road A.....	35.0	21.00	1½	1½	10 - 10 - 60				
Railroad shops, road B.....	34.0	20.40	1½	1½	10 - 10 - 60				
Railroad shops, road C.....	36.5	21.90	1½	1½	10 - 10 - 60		35.5	21.30	10 - 10 - 60
Grand Rapids, Mich.:									
Railroad shops, road A.....	27.5	15.13	1	1½	10 - 5 - 55	12			
Railroad shops, road B.....	35.5	21.30	1½	1½	10 - 10 - 60		(?)	(?)	(?)
Indianapolis, Ind.:									
Manufacturing and job shops.....	37.5	18.75	1½	2	9 - 5 - 50	12	35.0	17.50	9 - 5 - 50
Outside.....	50.0	24.00	1½	2	8 - 8 - 48				
Railroad shops, road B.....	37.5	20.25	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	39.5	21.33	1½	1½	9 - 9 - 54		37.0	19.98	9 - 9 - 54
Kansas City, Mo.:									
Manufacturing shops.....	40.0	21.60	3 1/4	2	9 - 9 - 54				
Outside.....	56.3	27.00	2	2	8 - 8 - 48				
Railroad shops, road A.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	39.0	18.72	1½	1½	8 - 8 - 48				
Railroad shops, road C.....	41.0	19.68	1½	1½	8 - 8 - 48				
Railroad shops, road D.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road E.....	41.5	22.36	1½	1½	49 - 8 - 53				
Railroad shops, road F.....	41.0	22.09	1½	1½	49 - 8 - 53				
Railroad shops, road H.....	41.5	22.41	1½	1½	9 - 9 - 54				
Railroad shops, road I.....	40.0	21.60	1½	1½	9 - 9 - 54				
Railroad shops, road J.....	41.0	22.14	1½	1½	9 - 9 - 54		40.0	21.60	9 - 9 - 54
Railroad shops, road K.....	40.5	21.87	1½	1½	9 - 9 - 54				
Milwaukee, Wis.:									
Manufacturing shops.....	535.0	19.25	3 1/4	2	6 10 - 5 - 55	12			
Outside.....	62.5	30.00	2	2	8 - 8 - 48				
Railroad shops.....	41.5	21.17	1½	1½	7 9 - 5 - 50	5			
Railroad shops, round-house.....	41.5	23.24	1½	1½	8 - 8 - 56				
Minneapolis, Minn.:									
Railroad shops, road A.....	43.0	21.93	1½	1½	7 9 - 5 - 50	5			
Railroad shops, road B.....	45.5	23.21	1½	1½	7 9 - 5 - 50	5			
Omaha, Nebr.....	41.5	22.36	1½	1½	9 9 - 8 - 53				
Peoria, Ill.:									
Jobbing shops.....	40.0	21.60	2	2	9 - 8 - 54				
Railroad shops, road A.....	43.5	23.49	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Railroad shops, road B.....	42.0	22.68	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	39.0	21.06	1½	1½	9 - 9 - 54				
Railroad shops, road D.....	39.0	19.50	1½	1½	9 - 5 - 50	12			
St. Louis, Mo.:									
Manufacturing shops.....	40.0	19.80	11 1/4	11 1/4	10 9 - 4 1/2 - 49 1/2	4			
Outside.....	45.0	22.28	11 1/4	11 1/4	12 8 - 4 - 44	4			

1 44 hours and \$27.50 per week, June to August inclusive.
 2 No scale on May 1, 1915.
 3 On new work; on repair work double time.
 4 Work 53 hours; paid for 53 hours and 53 minutes.
 5 Scale became 37 cents and 54 hours on July 1, 1916.
 6 For Labor Day, regular rate multiplied by 3.
 7 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 8 Scale became 47 cents on July 1, 1916.
 9 Work 53 hours; paid for 53 hours and 53 minutes.
 10 54 hours and \$21.60 per week, September to April, inclusive.
 11 On new work; on repair work, regular rate multiplied by 2.
 12 Work 44 hours, paid for 49½; 48 hours, paid for 54, September to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.—Concluded.									
Railroad shops, road A	41.5	22.41	1½	1½	9-9-54				
Railroad shops, road B	41.5	22.36	1½	1½	9-8-53				
Railroad shops, road C	42.5	22.95	1½	1½	9-9-54				
Railroad shops, roundhouse	42.5	22.95	1½	1½	9-9-54				
St. Paul, Minn.:									
Railroad shops, road A	44.5	22.70	1½	1½	9-5-50	5			
Railroad shops, road C	47.0	25.38	1½	1½	9-9-54		44.5	22.70	9-5-50
Railroad shops, road D	42.0	25.20	1½	1½	10-10-60		40.0	24.00	10-10-60
SOUTH CENTRAL.									
Birmingham, Ala.:									
Manufacturing and jobbing shops									
Railroad shops, road B	42.5	25.50	1½	2	10-10-60		40.0	24.00	10-10-60
Railroad shops, road D	41.0	22.14	1½	1½	9-9-54				
Railroad shops, road E	43.5	23.49	1½	1½	9-9-54		42.5	22.95	9-9-54
Railroad shops, roads E, F, and G	42.0	22.68	1½	1½	9-9-54		41.0	22.14	9-9-54
Dallas, Tex.:									
Manufacturing and jobbing shops									
Railroad shops	43.5	23.49	1½	2	9-9-54				
Railroad shops	42.0	22.68	1½	1½	9-9-54				
Houston, Tex.:									
Manufacturing shops									
Railroad shops	43.0	21.29	2	2	9-43-49½	12	42.0	20.79	9-43-49½
Railroad shops	42.0	22.47	1½	1½	9-8½-53½				
Little Rock, Ark.:									
Manufacturing shops									
Railroad shops, roads A and B	42.5	25.50	1½	1½	10-10-60				
Railroad shops, roundhouse, nightwork	42.5	25.48	1½	1½	9-8-53				
Railroad shops, roundhouse	42.5	22.90	1½	1½	69½-83-57				
Railroad shops, roundhouse	42.5	22.90	1½	1½	9-8-53				
Louisville, Ky.:									
Manufacturing shops									
Outside	32.0	17.28	1½	2	9-9-54				
Railroad shops, road A	50.0	22.00	2	2	8-4-44	12			
Railroad shops, road G	41.0	22.14	1½	1½	9-9-54		41.0	19.68	8-8-48
Railroad shops, road G	41.0	22.14	1½	1½	9-9-54		39.0	21.06	9-9-54
Memphis, Tenn.:									
Manufacturing shops									
Railroad shops, A and C	41.0	22.14	1½	2	9-9-54				
Railroad shops, A and C	42.5	22.95	1½	1½	9-9-54				
New Orleans, La.:									
Manufacturing shops									
Outside	38.9	21.00	2	2	9-9-54				
Railroad shops, road B	44.4	24.00	2	2	9-9-54				
Railroad shops, road B	41.0	22.14	1½	1½	9-9-54				
Railroad shops, road C	41.0	22.14	1½	1½	9-9-54				
Railroad shops, road C	43.5	23.49	1½	1½	9-8-53				

1 Work 53 hours; paid for 53 hours and 53 minutes.
 2 Scale became 47 cents on June 1, 1916.
 3 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 4 Double time after midnight.
 5 Scale became 44.5 cents on Aug. 1, 1916.
 6 Work 57 hours, paid for 59 hours and 57 minutes.
 7 Scale became 42.5 cents on Sept. 1, 1916.
 8 Scale became 48 hours on Oct. 1, 1916.
 9 Scale became 48 hours on June 1, 1916.
 10 Scale became 42 cents on June 16, 1916.
 11 Work 53 hours, paid for 54.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	May 1, 1915.		
	Rate of wages—						Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....	Cents 41.0	Dolls. 22.14	1½	1½	9 - 9 - 54				
Railroad shops, roads A and B.....	42.0	20.16	1½	1½	8 - 8 - 48	41.0	19.68	8 - 8 - 48	
Railroad shops, road D.....	42.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14	9 - 9 - 54	
Portland, Oreg.:									
Manufacturing and jobbing shops.....	44.4	24.00	1½	2	9 - 9 - 54				
Outside.....	50.0	24.00	2	2	8 - 8 - 48				
Salt Lake City, Utah:									
Manufacturing and jobbing shops.....	44.0	23.76	1½	1½	¹ 9 - 9 - 54	43.0	23.22	9 - 9 - 54	
Railroad shops.....	44.0	21.12	1½	1½	8 - 8 - 48	43.0	20.64	8 - 8 - 48	
San Francisco, Cal.:									
Manufacturing and jobbing shops.....	53.1	25.50	2½	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Outside, repair work.....	59.8	28.69	2	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Outside, building work.....	62.5	27.50	2½	2	8 - 4 - 44	12			
Outside, on tanks.....	56.3	27.00	2½	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Riveters, chippers, and callers.....	50.0	24.00	2½	2	8 - 8 - 48	45.0	21.60	8 - 8 - 48	
Seattle, Wash.:									
Manufacturing and jobbing shops.....	50.0	24.00	3½	2	8 - 8 - 48				
Outside.....	56.3	27.00	1½	2	8 - 8 - 48				
Railroad shops, round- house.....	49.0	26.46	1½	1½	9 - 9 - 54	45.5	24.57	9 - 9 - 54	
Spokane, Wash.:									
Jobbing shops.....	44.4	24.00	5½	1½	9 - 9 - 54				
Railroad shops.....	49.0	26.46	5½	1½	9 - 9 - 54	46.5	25.11	9 - 9 - 54	

BOILER MAKERS' HELPERS.

NORTH ATLANTIC.								
Boston, Mass.:								
Railroad shops, road A.....	24.5	13.23	1½	1½	⁶ 9 - 8 - 53	22.0	11.88	⁶ 9 - 8 - 53
Railroad shops, road B.....	⁷ 22.0	11.66	1½	1½	9 - 8 - 53			
Buffalo, N. Y.:								
Manufacturing shops.....	32.6	17.58	1½	1½	9 - 9 - 54	28.6	15.42	9 - 9 - 54
Manufacturing shops.....	27.0	14.58	⁸ 1½	⁸ 1½	9 - 9 - 54	23.0	12.42	9 - 9 - 54
Outside.....	33.0	15.84	1½	2	8 - 8 - 48	29.0	13.92	8 - 8 - 48
New Haven, Conn.:								
Manufacturing shops.....	24.5	13.23	1½	1½	⁶ 9 - 8 - 53	22.0	11.88	⁶ 9 - 8 - 53

¹ Scale became 8 hours on June 1, 1916.

² Double time after 10 p. m.

³ On new work, until 10 p. m.; double time thereafter and double time on repair work.

⁴ Scale became 62.5 cents on July 1, 1916.

⁵ Double time after midnight.

⁶ Work 53 hours, paid for 54.

⁷ Scale became 24 cents on June 10, 1916.

⁸ On new work; on repair work, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS' HELPERS—Continued.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holliday.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	31.3	15.00	1½	2	8 - 8 -48		27.8	15.00	9 - 9 -54
Outside.....	50.0	22.00	2	2	8 - 4 -44	12	43.8	19.25	8 - 4 -44
Outside, marine work.....	31.3	15.00	2	2½	8 - 8 -48				
Inside, marine work.....	32.5	15.60	2	2	8 - 8 -48		28.9	15.60	9 - 9 -54
Philadelphia, Pa.:									
Manufacturing shops.....	22.2	10.89	2	2	9 - 4 -49	12			
Outside.....	37.5	16.50	2	2	8 - 4 -44	12			
Pittsburgh, Pa.:									
Manufacturing and jobbing shops.....	30.0	15.00	(²)	3	9 - 5 -50		25.0	13.50	9 - 9 -54
Building work.....	46.3	20.35	2	3	8 - 4 -44	12	40.0	17.60	8 - 4 -44
Outside.....	46.3	22.20	2	4	8 - 8 -48	4	40.0	19.20	8 - 8 -48
Railroad shops, road A.....	21.5	11.61	1½	1½	9 - 9 -54		20.5	11.07	9 - 9 -54
Railroad shops, road B.....	22.0	11.88	1½	1½	9 - 9 -54		(⁶)	(⁶)	(⁶)
Rochester, N. Y.....	27.8	15.00	2	2	9 - 9 -54	3			
SOUTH ATLANTIC.									
Baltimore, Md.:									
Manufacturing shops.....	22.2	12.00	2	2	9 - 9 -54				
Outside.....	43.8	21.00	2	2	8 - 8 -48		37.5	18.00	8 - 8 -48
Richmond, Va.:									
Railroad shops, roads A and C.....	23.0	12.42	1½	1½	9 - 9 -54		21.5	11.61	9 - 9 -54
Railroad shops, road B.....	24.0	12.96	1½	1½	9 - 9 -54		22.5	12.15	9 - 9 -54
NORTH CENTRAL.									
Chicago, Ill.:									
Manufacturing shops.....	32.5	17.55	2	2	9 - 9 -54				
Outside.....	50.0	22.00	2	2	8 - 4 -44	12			
Cincinnati, Ohio:									
Manufacturing shops.....	25.0	12.38	8 1½	8 1½	9 - 4½-49½	12			
Outside.....	37.5	18.00	2	2	8 - 8 -48				
Railroad shops.....	21.0	10.57	1½	1½	9 - 5½-50½	12	20.0	10.07	9 - 5½-50½
Cleveland, Ohio:									
Manufacturing shops.....	25.0	12.38	1½	1½	9 - 4½-49½	5	20.0	9.90	10 - 9 -4½-49½
Outside.....	46.3	20.35	1½	2	11 8 - 4 -44	5	40.0	17.60	12 8 - 4 -44
Railroad shops.....	25.0	12.50	1½	1½	9 - 5 -50		20.0	10.80	9 - 9 -54
Detroit, Mich.:									
Manufacturing shops.....	30.0	16.50	1½	2	10 - 5 -55	12	27.5	15.13	10 - 5 -55
Outside.....	50.0	24.00	2	2	12 8 - 8 -48	3			
Grand Rapids, Mich.:									
Railroad shops, road A.....	21.0	11.55	1	1½	10 - 5 -55		(⁶)	(⁶)	(⁶)
Railroad shops, road B.....	24.0	14.40	1½	1½	10 -10 -60		(⁶)	(⁶)	(⁶)

¹ For Labor Day, regular rate multiplied by 3.

² On new work, regular rate multiplied by 1½; after 4 p. m. on Saturday, by 2; on repair work, regular rate multiplied by 2; after 4 p. m. on Saturday, by 2½.

³ On repair work; on new work, regular rate multiplied by 2; for Labor Day, regular rate multiplied by 4.

⁴ On new work; on repair work and for Labor Day, regular rate multiplied by 4.

⁵ 44 hours and \$20.35 per week, June to September, inclusive.

⁶ No scale on May 1, 1915.

⁷ 50 hours and \$13.89 per week, June to August, inclusive.

⁸ On new work; on repair work, double time.

⁹ 54 hours and \$13.50 per week, October to April, inclusive.

¹⁰ 54 hours and \$10.80 per week, October to April, inclusive.

¹¹ 48 hours and \$22.20 per week, October to April, inclusive.

¹² 48 hours and \$19.20 per week, October to April, inclusive.

¹³ 44 hours and \$22 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS' HELPERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.				
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.	
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Indianapolis, Ind.: Manu- facturing and jobbing shops...	Cents. 27.0	Dolls. 13.50		Regular rate multi- plied by— 1½	2	9 - 5 - 50	12	Cents. 25.0	Dolls. 12.50	9 - 5 - 50
Kansas City, Mo.:										
Manufacturing shops.....	20.0	10.80	1½	2	9 - 9 - 54					
Outside.....	50.0	24.00	2	2	8 - 8 - 48					
Railroad shops, road C.....	25.0	12.00	1½	1½	8 - 8 - 48					
Railroad shops, road D.....	26.0	14.04	1½	1½	9 - 9 - 54					
Railroad shops, road E.....	25.5	13.74	1½	1½	2 9 - 8 - 53					
Railroad shops, road F.....	25.0	13.47	1½	1½	2 9 - 8 - 53					
Railroad shops, road H.....	24.0	12.96	1½	1½	9 - 9 - 54					
Railroad shops, road I.....	23.5	12.69	1½	1½	9 - 9 - 54					
Railroad shops, roads J and K.....	25.0	13.50	1½	1½	9 - 9 - 54					
Milwaukee, Wis.:										
Manufacturing shops.....	25.0	13.75	1½	2	3 10 - 5 - 55	12				
Outside.....	50.0	24.00	2	2	8 - 8 - 48					
Railroad shops.....	23.0	11.73	1½	1½	5 9 - 5 - 50	5				
Railroad shops, round house	22.0	12.32	1½	1½	8 - 8 - 56					
Minneapolis, Minn.: Railroad shops.....	24.5	12.50	1½	1½	5 9 - 5 - 50	5				
Omaha, Nebr.: Railroad shops	25.5	13.74	1½	1½	2 9 - 8 - 53					
Peoria, Ill.: Jobbing shops.....	25.0	13.50	2	2	9 - 9 - 54					
St. Louis, Mo.:										
Manufacturing shops.....	25.0	12.38	1½	1½	6 9 - 4½ - 49½	4				
Outside.....	28.1	13.92	1½	1½	7 8 - 4 - 44	4				
Railroad shops, road A.....	22.0	11.88	1½	1½	9 - 9 - 54					
Railroad shops, road B.....	25.5	13.77	1½	1½	2 9 - 9 - 53					
Railroad shops, road C.....	23.5	12.69	1½	1½	9 - 9 - 54					
St. Paul, Minn.:										
Railroad shops, road A.....	23.5	11.99	1½	1½	5 9 - 5 - 50	5				
Railroad shops, road C.....	24.0	12.24	1½	1½	5 9 - 5 - 50	5	22.5	11.48		5 9 - 5 - 50
SOUTH CENTRAL.										
Birmingham, Ala.: Railroad shops.....	25.0	13.50	1½	1½	9 - 9 - 54					
Dallas, Tex.: Manufacturing and jobbing shops.....	25.0	13.50	1½	2	9 - 9 - 54					
Little Rock, Ark.:										
Railroad shops.....	23.5	12.66	1½	1½	2 9 - 8 - 53					
Railroad shops, round house	23.5	14.09	1½	1½	9 9 3 - 8 3 - 57					
Louisville, Ky.:										
Manufacturing shops.....	24.0	12.96	1½	2	9 - 9 - 54					
Outside.....	50.0	22.00	2	2	8 - 4 - 44	12				
Railroad shops, road A.....	22.5	12.15	1½	1½	9 - 9 - 54		21.5	10.32		8 - 8 - 48
Railroad shops, road G.....	23.5	12.69	1½	1½	9 - 9 - 54		22.5	12.15		9 - 9 - 54

1 On new work; on repair work, double time.
 2 Work 53 hours, paid for 53 hours and 53 minutes.
 3 Scale became 54 hours on July 1, 1916.
 4 For Labor Day, regular rate multiplied by 3.
 5 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 6 54 hours and \$13.50 per week, September to April, inclusive.
 7 Work 44 hours, paid for 49½; 48 hours, paid for 54, September to April, inclusive.
 8 Scale became 26 cents on June 1, 1916.
 9 Work 57 hours, paid for 59 hours and 57 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

BOILER MAKERS' HELPERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
New Orleans, La.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Outside.....	27.8	15.00	2	2	19 - 9 - 54				
Railroad shops, road B.....	² 21.7	11.70	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	26.5	14.31	1½	1½	³ 9 - 8 - 53				
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....	28.0	15.12	1½	1½	9 - 9 - 54				
Railroad shops.....	29.0	13.92	1½	1½	8 - 8 - 48				
Portland, Oreg.:									
Manufacturing and jobbing shops.....	27.8	15.00	1½	2	9 - 9 - 54				
Outside.....	37.5	18.00	2	2	8 - 8 - 48				
Salt Lake City, Utah: Rail- road shops.....	30.0	14.40	1½	1½	8 - 8 - 48	29.0	13.92	8 - 8 - 48	
San Francisco, Cal.:									
Manufacturing and jobbing shops.....	37.5	18.00	4 1½	2	8 - 8 - 48	34.4	16.50	8 - 8 - 48	
Outside.....	62.5	27.50	4 1½	2	8 - 4 - 44	12			
Tanks.....	43.8	26.25	4 1½	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Drillers, reamers, and tap- pers.....	40.6	19.50	4 1½	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Seattle, Wash.:									
Manufacturing and jobbing shops.....	⁵ 31.3	15.00	6 1½	2	8 - 8 - 48				
Outside.....	⁷ 43.8	21.00	1½	2	8 - 8 - 48				
Drillers and reamers.....	40.0	19.20	1½	2	8 - 8 - 48				
Punchers and shearmen.....	45.0	21.60	1½	2	8 - 8 - 48				
Railroad shops.....	30.0	16.20	1½	1½	9 - 9 - 54				
Spokane, Wash.: Railroad shops.....	26.0	14.04	8 1½	1½	9 - 9 - 54	24.5	13.23	9 - 9 - 54	

CORE MAKERS.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.....	44.4	24.00	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Bridgeport, Conn.....	33.3	18.00	1½	2	9 - 9 - 54				
Buffalo, N. Y.....	38.9	21.00	1½	2	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Fall River, Mass.....	36.1	19.50	1½	2	9 - 9 - 54		33.3	18.00	9 - 9 - 54
Newark, N. J.....	41.7	22.50	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - 54
New York, N. Y.....	⁹ 41.7	22.50	1½	2	9 - 9 - 54				
Philadelphia, Pa.....	44.4	24.00	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - 54
Pittsburgh, Pa.....	44.4	24.00	1½	2	9 - 9 - 54				
Rochester, N. Y.....	41.7	22.50	(10)	(10)	9 - 9 - 54		37.8	20.40	9 - 9 - 54

¹ Scale became 48 hours on June 1, 1916.

² Scale became 23 cents on June 16, 1916.

³ Work 53 hours, paid for 54.

⁴ Double time after 10 p. m.

⁵ Scale became 37.5 cents on July 1, 1916.

⁶ On new work; on repair work double time.

⁷ Scale became 50 cents on July 1, 1916.

⁸ Double time after midnight.

⁹ Scale became 44.4 cents on July 1, 1916.

¹⁰ Overtime work and work on Sundays and holidays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

CORE MAKERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Seranton, Pa.:									
Manufacturing shops, ma- chinery.....	¹ 27.5	16.50	1½	2	10 -10 -60				
Manufacturing shops, hot water and steam heating.	36.1	19.50	1½	2	9 - 9 -54				
Worcester, Mass.....	² 38.9	21.00	1½	2	9 - 9 -54	36.1	19.50		9 - 9 -54
SOUTH ATLANTIC.									
Baltimore, Md.....	³ 33.3	18.00	1½	2	9 - 9 -54				
Richmond, Va.....	36.1	19.50	1½	2	9 - 9 -54				
NORTH CENTRAL.									
Chicago, Ill.....	50.0	24.00	1½	2	8 - 8 -48	44.4	24.00		9 - 9 -54
Cincinnati, Ohio.....	44.4	24.00	1½	2	9 - 9 -54	38.9	21.00		9 - 9 -54
Cleveland, Ohio.....	⁴ 38.9	⁶ 21.00	⁶ 1½	2	⁶ 9 - 9 -54	3			
Detroit, Mich.....	44.4	24.00	1½	2	9 - 9 -54	38.9	21.00		9 - 9 -54
Grand Rapids, Mich.....	38.9	21.00	1½	2	9 - 9 -54	36.1	19.50		9 - 9 -54
Indianapolis, Ind.....	37.2	20.10	1½	2	9 - 9 -54	36.1	19.50		9 - 9 -54
Kansas City, Mo.....	45.0	24.30	1½	2	9 - 9 -54	40.0	21.60		9 - 9 -54
Minneapolis, Minn.....	36.1	19.50	1½	2	9 - 9 -54				
Omaha, Neb.....	40.0		1½	2	9 - 9 -54				
Peoria, Ill.....	⁷ 41.7	22.50	1½	2	9 - 9 -54	38.3	20.70		9 - 9 -54
St. Louis, Mo.....	⁸ 41.7	22.50	1½	2	9 - 9 -54	38.9	21.00		9 - 9 -54
St. Paul, Minn.....	38.9	21.00	1½	2	9 - 9 -54	36.1	19.50		9 - 9 -54
SOUTH CENTRAL.									
Houston, Tex.....	41.7	22.50	1	(⁹)	9 - 9 -54				
Little Rock, Ark.....	35.0	18.90	1½	2	9 - 9 -54				
Memphis, Tenn.....	40.0	21.60	1½	2	9 - 9 -54				
New Orleans, La.....	38.9	21.00	2	2	¹⁰ 9 - 9 -54	36.1	19.50		9 - 9 -54
WESTERN.									
Denver, Colo.....	¹¹ 41.7	22.50	1½	2	¹¹ 9 - 9 -54				
Los Angeles, Cal.....	37.5	20.25	1	1	9 - 9 -54				
Portland, Oreg.....	41.7	22.50	1½	2	9 - 9 -54				
Salt Lake City, Utah:									
Manufacturing and jobbing shops.....	50.0	24.00	1½	2	8 - 8 -48	36.1	19.50		9 - 9 -54
Railroad shops.....	35.0	19.95	1½	1½	9½ - 9½ -57	30.8	18.48		10 -10 -60
San Francisco, Cal.....	50.0	24.00	⁶ 1½	2	8 - 8 -48				
Seattle, Wash.....	44.4	24.00	1½	2	9 - 9 -54				

¹ Scale became 35 cents on July 1, 1916.
² Scale became 41.7 cents on July 3, 1916.
³ Scale became 41.7 cents on Aug. 1, 1916.
⁴ Scale became 44.4 cents on June 1, 1916.
⁵ 49½ hours and \$19.25 per week, June to August, inclusive.
⁶ Double time after midnight.
⁷ Scale became 45 cents on June 1, 1916.
⁸ Scale became 44.4 cents on June 5, 1916.
⁹ Do not work on Sundays or holidays.
¹⁰ Scale became 48 hours on Aug. 1, 1916.
¹¹ Scale became 50 cents and 48 hours on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops, A...	42.0	21.00	1 1/2	1 1/2	9 - 5 -50	12			
Manufacturing shops, B...	38.9	21.00	1 1/2	1 1/2	9 - 9 -54				
Manufacturing shops, C...	35.0	18.90	1 1/2	2	9 - 9 -54		28.0	15.12	9 - 9 -54
Tool and die makers, shops A...	48.0	24.00	1 1/2	1 1/2	9 - 5 -50	12			
Tool and die makers, shops B...	44.4	24.00	1 1/2	1 1/2	9 - 9 -54				
Specialists, shops A...	36.0	18.00	1 1/2	1 1/2	9 - 5 -50	12			
Specialists, shops B...	33.3	18.00	1 1/2	1 1/2	9 - 9 -54				
Job shops...	40.6	19.50	2 1/2	2	8 - 8 -48				
Railroad shops, road A...	30.5	16.47	1 1/2	1 1/2	9 - 8 -53		28.5	15.39	9 - 8 -53
Railroad shops, road B...	30.5	16.17	1 1/2	1 1/2	9 - 8 -53				
Bridgeport, Conn.:									
Manufacturing shops...	40.0	19.20	1 1/2	2	8 1/2 - 5 -48	12	35.0	17.50	9 - 5 -50
Manufacturing and jobbing shops...	45.0	21.60	1 1/2	2	8 1/2 - 5 -48	12	30.6	15.28	9 - 5 -50
Tool and die makers, shops A...	55.0	26.40	1 1/2	2	8 1/2 - 5 -48	12	39.0	19.50	9 - 5 -50
Tool and die makers, shops B...	55.0	26.40	1 1/2	2	8 1/2 - 5 -48	12	38.9	19.44	9 - 5 -50
Tool, die, and gauge makers	55.0	26.40	1 1/2	2	8 1/2 - 5 -48	12	35.0	19.25	10 - 5 -55
Buffalo, N. Y.:									
Manufacturing shops, A...	40.0	21.60	1 1/2	2	9 - 9 -54		37.5	20.25	9 - 9 -54
Manufacturing shops, B...	40.0	19.20	2	2	8 - 8 -48		(5)	(5)	(5)
Tool and die makers, shops A...	50.0	27.00	1 1/2	2	9 - 9 -54		40.0	21.60	9 - 9 -54
Tool and die makers, shops B...	50.0	24.00	2	2	8 - 8 -48		(5)	(5)	(5)
Die sinkers (for drop forg- ings)...	70.0	37.80	1 1/2	2	9 - 9 -54		60.0	32.40	9 - 9 -54
Millwrights...	55.0	26.40	2	2	8 - 8 -48		(5)	(5)	(5)
Specialists...	35.0	16.80	2	2	8 - 8 -48		30.5	16.47	9 - 9 -54
Outside...	56.3	27.00	2 1/2	2	8 - 8 -48				
Railroad shops, roads D and F...	31.0	18.60	1 1/2	1 1/2	10 -10 -60		27.5	16.50	10 -10 -60
Railroad shops, roads E and H...	34.0	20.40	1 1/2	1 1/2	10 -10 -60		31.0	18.60	10 -10 -60
Railroad shops, road G...	34.0	20.40	1 1/2	1 1/2	10 -10 -60				
Newark, N. J.:									
Manufacturing shops, A...	40.0	21.60	1 1/2	2	7 9 - 9 -54		36.1	19.50	7 9 - 9 -54
Manufacturing shops, B...	45.0	21.60	2 1/2	2	8 - 8 -48		36.1	19.50	9 - 9 -54
Tool and die makers, shops A...	45.0	24.30	1 1/2	2	7 9 - 9 -54		42.0	22.68	7 9 - 9 -54
Tool and die makers, shops B...	50.0	24.00	2 1/2	2	8 - 8 -48		42.0	22.68	9 - 9 -54
Outside...	62.5	27.50	2 1/2	2	8 - 4 -44	12			
Breweries...	50.0	24.00	2 1/2	2	8 - 8 -48		45.8	22.00	8 - 8 -48
New Haven, Conn.:									
Manufacturing shops...	42.5	20.40	1 1/2	2	8 - 8 -48		(5)	(5)	(5)
Tool and die makers...	55.0	26.40	1 1/2	2	8 - 8 -48		(5)	(5)	(5)
Specialists...	35.0	16.80	1 1/2	2	8 - 8 -48		(5)	(5)	(5)
Outside...	50.0	24.00	1 1/2	2	8 - 8 -48		(5)	(5)	(5)
Railroad shops...	30.5	16.47	1 1/2	1 1/2	9 - 8 -53		28.5	15.39	9 - 8 -53

¹ Double time after midnight.

² Double time after 10 p. m.

³ Work 53 hours, paid for 54.

⁴ Scale became 32.5 cents on June 10, 1916.

⁵ No scale on May 1, 1915.

⁶ Scale became 36 cents on June 1, 1916.

⁷ Hours vary, but total 54 per week.

⁸ Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
New York, N. Y.:									
Manufacturing shops, A...	Cents. 46.9	Dolls. 22.50	1 1/2	2	8 - 8 - 48		Cents. 40.6	Dolls. 19.50	8 - 8 - 48
Manufacturing shops, B...	46.9	22.50	1 1/2	2	8 - 8 - 48		40.0	19.68	8 1/2 - 8 1/2 - 49 1/2
Manufacturing shops, C...	46.9	22.50	1 1/2	2	8 - 8 - 48		38.2	19.50	8 1/2 - 8 1/2 - 51
Tool and die makers.....	55.0	26.40	1 1/2	2	8 - 8 - 48		48.0	24.48	8 1/2 - 8 1/2 - 51
Auto repair shops.....	50.0	24.00	2	2	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Printing press factories.....	46.9	22.50	1 1/2	2	8 - 8 - 48		41.0	19.68	8 - 8 - 48
Outside.....	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Philadelphia, Pa.:									
Manufacturing shops.....	45.0	24.30	2 1/2	2	9 - 9 - 54		35.0	18.90	9 - 9 - 54
Tool and die makers.....	58.0	31.32	2 1/2	2	9 - 9 - 54		37.5	20.25	9 - 9 - 54
Outside.....	55.0	26.40	1 1/2	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Breweries.....	55.0	26.40	1 1/2	2	8 - 8 - 48		(*)	(*)	(*)
Railroad shops.....	37.0	19.98	1 1/2	1 1/2	9 - 9 - 54		35.0	18.90	9 - 9 - 54
Pittsburgh, Pa.:									
Manufacturing shops.....	35.0	18.90	1 1/2	2	9 - 9 - 54				
Railroad shops, road A.....	37.5	20.25	1 1/2	1 1/2	9 - 9 - 54		34.0	18.36	9 - 9 - 54
Railroad shops, road B.....	38.0	20.52	1 1/2	1 1/2	9 - 9 - 54		36.0	19.44	9 - 9 - 54
Providence, R. I.:									
Manufacturing shops.....	30.0	16.50	1 1/2	2	10 - 5 - 55	12	27.5	15.13	10 - 5 - 55
Tool and die makers.....	38.0	20.90	1 1/2	2	10 - 5 - 55	12	35.0	19.25	10 - 5 - 55
Specialists.....	25.0	13.75	1 1/2	2	10 - 5 - 55	12	22.0	12.10	10 - 5 - 55
Automobile repair shops.....	50.0	24.00	2	2	8 - 8 - 48				
Breweries.....	46.9	22.50	2	2	8 - 8 - 48				
Garages.....	40.0	19.20	5 1/2	2	8 - 8 - 48		(*)	(*)	(*)
Railroad shops.....	30.5	16.47	1 1/2	1 1/2	9 - 8 - 53		28.5	15.39	9 - 8 - 53
Rochester, N. Y.:									
Manufacturing shops, A.....	40.0	21.60	1 1/2	2	9 - 9 - 54		36.1	19.50	9 - 9 - 54
Manufacturing shops, B.....	40.0	20.00	1 1/2	2	9 - 5 - 50	12	36.1	18.05	9 - 5 - 50
Manufacturing shops, C.....	40.0	19.20	1 1/2	2	8 - 8 - 48				
Tool and diemakers, shop A.....	50.0	27.00	1 1/2	2	9 - 9 - 54		40.0	21.60	9 - 9 - 54
Tool and diemakers, shop B.....	50.0	24.00	1 1/2	2	8 - 8 - 48		40.0	21.60	9 - 9 - 54
Worcester, Mass.:									
Railroad shops, road A.....	30.5	16.17	1 1/2	1 1/2	9 - 8 - 53		28.5	15.39	9 - 8 - 53
Railroad shops, road B.....	30.5	16.17	1 1/2	1 1/2	9 - 8 - 53				
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Manufacturing shops.....	35.0	21.00	1 1/2	1 1/2	10 - 10 - 60				
Jobbing shops.....	40.0	21.60	1 1/2	1 1/2	9 - 9 - 54				
Automobile repair shops.....	40.0	22.00	1 1/2	1 1/2	10 - 5 - 55	12			
Railroad shops, road A.....	42.0	22.68	1 1/2	1 1/2	9 - 9 - 54		40.0	21.60	9 - 9 - 54
Railroad shops, roads B, D, E, and F.....	42.0	22.68	1 1/2	1 1/2	9 - 9 - 54		41.0	22.14	9 - 9 - 54

1 Double time after 9 p. m.
 2 Double time after midnight.
 3 Hours vary, but total 54 per week.
 4 No scale on May 1, 1915.
 5 For first 5 hours; double time thereafter.
 6 Work 53 hours, paid for 54.
 7 Scale became 32.5 cents on June 10, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH ATLANTIC—concluded.									
Baltimore, Md.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	137.5	18.00	² 1½	2	8 - 8 - 48				
Outside.....	37.5	18.00	⁴ 1½	2	8 - 8 - 48				
Railroad shops.....	35.5	19.17	1½	1½	9 - 9 - 54	34.0	18.36		9 - 9 - 54
Charleston, S. C.:									
Manufacturing and job- bing shops.....	38.9	21.00	1½	2	⁶ 9 - 9 - 54	36.1	19.50		⁵ 9 - 9 - 54
Railroad shops, road A.....	42.0	22.68	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	42.0	22.68	1½	1½	9 - 9 - 54	40.0	21.60		9 - 9 - 54
Jacksonville, Fla.:									
Manufacturing and job- bing shops.....	38.0	20.52	1½	1½	9 - 9 - 54	36.5	19.71		9 - 9 - 54
Railroad shops.....	42.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14		9 - 9 - 54
Railroad shops, specialists.....	33.5	18.09	1½	1½	9 - 9 - 54	32.5	17.55		9 - 9 - 54
Richmond, Va.:									
Manufacturing and job- bing shops.....	35.5	19.53	1½	2	10 - 5 - 55	12			
Locomotive shops.....	35.0	19.25	1	1	10 - 5 - 55	12			
Locomotive shops, tool and die makers.....	40.0	22.00	1	1	10 - 5 - 55	12			
Locomotive shops, special- ists.....	25.0	13.75	1	1	10 - 5 - 55	12			
Railroad shops, road A.....	⁶ 38.6	20.82	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	⁶ 41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	⁶ 40.0	21.60	1½	1½	9 - 9 - 54				
Washington, D. C.:									
Manufacturing shops, A.....	⁷ 40.6	19.50	1½	2	8 - 8 - 48				
Manufacturing shops, B.....	50.0	24.00	1½	2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
Manufacturing and job- bing shops, A.....	45.0	24.30	1½	2	9 - 9 - 54	41.7	22.50		9 - 9 - 54
Manufacturing and job- bing shops, B.....	47.0	22.56	⁸ 1½	2	³ 8 - 4 - 48	12	43.5	20.88	⁸ 8 - 4 - 48
Tool and die makers, shops A.....	52.9	25.39	⁶ 1½	2	8 - 8 - 48		49.5	23.76	8 - 8 - 48
Tool and die makers, shops B.....	50.0	27.00	1½	2	9 - 9 - 54		47.2	25.50	9 - 9 - 54
Specialists.....	41.0	22.14	1½	2	9 - 9 - 54		39.0	21.06	9 - 9 - 54
Breweries.....	50.0	24.00	2	2	8 - 8 - 48				
Outside.....	75.0	33.00	⁸ 1½	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44
Railroad shops.....	43.5	21.75	1½	1½	9 - 5 - 50	12	41.0	20.50	9 - 5 - 50
Cincinnati, Ohio:									
Manufacturing shops.....	35.0	16.80	1½	2	⁸ 8 - 5 - 48	12	32.5	17.06	⁹ 9 - 5 - 52½
Tool and die makers.....	42.5	20.40	1½	2	⁸ 8 - 5 - 48	12	35.0	18.38	⁹ 9 - 5 - 52½

¹ Scale became 47.5 cents on June 5, 1916.

² Double time after midnight.

³ Scale became 59.5 cents on July 1, 1916.

⁴ Double time after midnight and after 4 p. m. on Saturday.

⁵ Hours vary, but total 54 per week.

⁶ Scale became 42 cents on Sept. 1, 1916.

⁷ Scale became 50 cents on July 1, 1916.

⁸ For first 2 hours; double time thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
METAL TRADES—Continued.
MACHINISTS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.		Hours— Full days; Saturdays; Full week.	
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.		Per week full time.
NORTH CENTRAL—continued.									
<i>Regular rate multiplied by—</i>									
Cincinnati, Ohio—Contd.	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>	
Jobbing shops.....	32.5	1.60	² 1½	2	8 - 8 - 48		32.5	17.55	
Breweries.....	³ 37.5	18.00	⁴ 1½	⁵ 2	8 - 8 - 48				
Outside.....	45.0	21.60	² 1½	2	⁸ 8½ - 5½ - 48	40.0	21.60	9 - 9 - 54	
Railroad shops, road A.....	42.6	22.98	1½	1½	9 - 9 - 54	38.6	20.82	9 - 9 - 54	
Railroad shops, road B.....	37.5	20.25	1½	1½	9 - 9 - 54	36.0	19.44	9 - 9 - 54	
Railroad shops, road C.....	42.5	22.95	1½	1½	9 - 9 - 54	41.0	22.14	9 - 9 - 54	
Railroad shops, road D.....	38.5	20.79	1½	1½	9 - 9 - 54	37.0	19.98	9 - 9 - 54	
Railroad shops, road E.....	36.0	19.44	1½	1½	9 - 9 - 54	34.5	18.63	9 - 9 - 54	
Railroad shops, road F.....	⁶ 32.0	19.20	1	1	10 - 10 - 60				
Cleveland, Ohio:									
Manufacturing shops.....	45.0	22.50	⁴ 1½	2	9 - 5 - 50	35.0	18.90	9 - 9 - 54	
Tool and die makers.....	50.0	25.00	⁴ 1½	2	9 - 5 - 50	40.0	21.60	9 - 9 - 54	
Specialists.....	36.1	18.05	⁴ 1½	2	9 - 5 - 50	30.6	16.50	9 - 9 - 54	
Outside.....	65.0	28.60	1½	2	8 - 4 - 44	12	62.5	27.50	
Railroad shops.....	40.0	20.00	1½	1½	9 - 5 - 50	34.0	18.36	9 - 9 - 54	
Columbus, Ohio: Manufacturing shops.....									
	36.0	17.82	1½	2	9 - 4½ - 49½	7	(?)	(?)	
Detroit, Mich.:									
Manufacturing shops, A.....	40.0	20.00	1½	2	9 - 5 - 50	12	39.0	19.50	
Manufacturing shops, B.....	40.0	22.00	1½	2	10 - 5 - 55	12	39.0	21.45	
Tool and die makers, shops A.....	45.0	22.50	1½	2	9 - 5 - 50	12	40.0	20.00	
Tool and die makers, shops B.....	42.5	23.38	1½	2	10 - 5 - 55	12	40.0	22.00	
Trimmers and die makers.....	45.0	24.75	1½	2	10 - 5 - 55	12	40.0	22.00	
Die sinkers.....	60.0	33.00	1½	2	10 - 5 - 55	12	50.0	27.50	
Jobbing shops.....	40.0	21.60	1½	2	9 - 9 - 54	35.0	18.90	9 - 9 - 54	
Outside.....	62.5	30.00	1½	2	8 - 8 - 48				
Railroad shops, road A.....	31.0	18.60	1½	1½	⁸ 10 - 10 - 60				
Railroad shops, road B.....	35.5	19.17	1½	1½	9 - 9 - 54				
Grand Rapids, Mich.:									
Manufacturing shops, A.....	27.5	14.85	1½	1½	9 - 9 - 54	25.0	13.50	9 - 9 - 54	
Manufacturing shops, B.....	27.5	16.23	1½	1½	⁹ 10 - 9 - 59	3	25.0	14.75	
Tool and die makers, shops A.....	27.5	14.85	1½	1½	9 - 9 - 54	25.0	13.50	9 - 9 - 54	
Tool and die makers, shops B.....	27.5	16.23	1½	1½	⁹ 10 - 9 - 59	3	25.0	14.75	
Railroad shops, road A.....	35.0	19.25	1	1½	10 - 5 - 55	12	34.0	18.70	
Railroad shops, road B.....	35.5	21.30	1½	1½	10 - 10 - 60		(?)	(?)	
Indianapolis, Ind.:									
Railroad shops, road A.....	36.0	18.00	1½	1½	9 - 5 - 50	2	34.5	18.63	
Railroad shops, road B.....	36.0	19.44	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	38.0	20.52	1½	1½	9 - 9 - 54	36.0	19.44	9 - 9 - 54	
Kansas City, Mo.:									
Manufacturing shops.....	50.0	24.00	⁴ 1½	2	8 - 8 - 48	40.0	21.60	9 - 9 - 54	
Tool and die makers.....	52.5	25.20	⁴ 1½	2	8 - 8 - 48	42.5	22.95	9 - 9 - 54	
Breweries.....	55.0	26.40	⁴ 1½	2	8 - 8 - 48				

¹ Scale became 36.5 cents on June 1, 1916.

² Double time after 10 p. m.

³ Scale became 40 cents on Aug. 15, 1916.

⁴ Double time after midnight.

⁵ For Sundays, July 4, Labor Day, and Christmas; other holidays, regular rate.

⁶ Scale became 33.5 cents on June 1, 1916.

⁷ No scale on May 1, 1915.

⁸ Work 70 hours every other week.

⁹ 55 hours per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- idays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Kansas City, Mo.—Contd.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Outside.....	62.5	27.50	1 1/2	2	8 - 4 - 44	12			
Railroad shops, roads C and D.....	41.0	22.14	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	40.0	19.20	1 1/2	1 1/2	8 - 8 - 48				
Railroad shops, road E.....	41.5	22.36	1 1/2	1 1/2	2 9 - 8 - 53				
Railroad shops, road F.....	41.0	22.09	1 1/2	1 1/2	2 9 - 8 - 53				
Railroad shops, road G.....	38.0	20.52	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road H.....	41.5	22.41	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, roads I and K.....	40.0	21.60	1 1/2	1 1/2	9 - 9 - 54				
Milwaukee, Wis.:									
Manufacturing shops.....	33.0	18.15	1 1/2	2	10 - 5 - 55	12			
Breweries.....	50.0	22.00	8 1 1/2	2	8 - 4 - 44	12	45.0	19.80	8 - 4 - 44
Railroad shops.....	43.5	22.19	1 1/2	1 1/2	4 9 - 5 - 50		41.0	20.91	4 9 - 5 - 50
Minneapolis, Minn.:									
Outside.....	62.5	26.13	2	2	8 - 5 - 45	5			
Railroad shops, road A.....	44.5	22.70	1 1/2	1 1/2	5 9 - 5 - 50	5	42.0	21.42	5 9 - 5 - 50
Railroad shops, roads B and C.....	45.5	23.21	1 1/2	1 1/2	5 9 - 5 - 50	5	43.0	21.93	5 9 - 5 - 50
Omaha, Nebr.:									
Manufacturing and jobbing shops.....	40.0	21.60	1 1/2	1 1/2	9 - 9 - 54				
Auto shops.....	42.0	22.68	1 1/2	1 1/2	9 - 9 - 54				
Auto-repair shops.....	44.4	24.00	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road A.....	43.0	23.22	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	41.5	22.36	1 1/2	1 1/2	7 9 - 8 - 53				
Peoria, Ill.:									
Jobbing shops.....	40.0	21.60	2	2	9 - 9 - 54				
Railroad shops, roads A and B.....	41.0	22.14	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, roads C and D.....	39.0	19.50	1 1/2	1 1/2	9 - 5 - 50	12			
St. Louis, Mo.:									
Manufacturing shops.....	37.0	19.98	1 1/2	2	9 9 - 9 - 54				
Tool and die makers.....	45.0	24.30	1 1/2	2	9 9 - 9 - 54				
Specialists.....	27.5	14.85	1 1/2	2	9 9 - 9 - 54				
Breweries.....	55.0	26.40	1 1/2	2	8 - 8 - 48		52.5	25.20	8 - 8 - 48
Outside.....	62.5	27.50	1 1/2	10 2	8 - 4 - 44	12			
Printing machinery repair shops.....	50.0	24.00	1 1/2	2	8 - 8 - 48				
Railroad shops, roads A and F.....	41.5	22.41	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, roads B and K.....	41.5	22.36	1 1/2	1 1/2	7 9 - 8 - 53				
Railroad shops, road B, nightwork.....	41.5	24.89	1 1/2	1 1/2	11 10 - 9 - 59				

1 Double time after midnight.
 2 Work 53 hours, paid for 53 hours and 53 minutes.
 3 Double time after 10 p. m. and on Saturday afternoon.
 4 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 5 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 6 Scale became 45 cents on July 1, 1916.
 7 Work 53 hours, paid for 53 hours and 53 minutes.
 8 Scale became 41 cents on July 1, 1916.
 9 Hours vary, but total 54 per week.
 10 And on Saturday afternoon.
 11 Work 56 hours, paid for 56 hours and 56 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Railroad shops, road C.....	42.0	22.68	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	42.5	20.40	1½	1½	8 - 8 - 48				
Railroad shops, road C.....	42.0	20.16	1½	1½	8 - 8 - 48				
Railroad shops, road C, nightwork.....	42.5	22.95	1½	1½	9 - 9 - 54				
Railroad shops, road G.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road H.....	41.5	22.41	1½	1½	9 - 9 - 54				
Railroad shops, road K.....	41.5	24.89	1½	1½	10 - 9 - 59				
St. Paul, Minn.:									
Manufacturing shops.....	40.0	21.60	2 1½	1½	9 - 9 - 54	35.0	18.90	9 - 9 - 54	
Outside.....	62.5	28.13	2	2	8 - 5 - 45	5			
Railroad shops.....	45.5	23.21	2 1½	1½	9 - 5 - 50	5	43.0	21.93	9 - 5 - 50
SOUTH CENTRAL.									
Birmingham, Ala.:									
Manufacturing and jobbing shops.....	45.0	24.30	2 1½	(⁴)	9 - 9 - 54	40.0	24.00	10 - 10 - 60	
Railroad shops, roads D, E, and F.....	42.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14	9 - 9 - 54	
Railroad shops, road B.....	41.0	22.14	1½	1½	9 - 9 - 54				
Dallas, Tex.: Railroad shops.	42.0	20.16	1½	1½	8 - 8 - 48				
Houston, Tex.:									
Jobbing shops.....	40.0	21.60	1½	1½	9 - 9 - 54				
Railroad shops, road A.....	43.0	23.22	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	41.5	22.41	1½	1½	9 - 9 - 54				
Little Rock, Ark.:									
Manufacturing shops.....	42.5	22.95	1½	2	9 - 9 - 54				
Railroad shops.....	42.5	22.90	1½	1½	9 - 8 - 53				
Railroad shops, round- house, nightwork.....	42.5	25.48	1½	1½	9 ¾ - 8 ¾ - 57				
Louisville, Ky.:									
Manufacturing shops.....	38.3	18.00	7 1½	2	9 - 9 - 54				
Outside.....	40.0	21.60	7 1½	2	9 - 9 - 54				
Breweries.....	41.5	19.92	7 1½	2	8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Railroad shops, road F.....	38.0	20.52	1½	1½	9 - 9 - 54				
Railroad shops, road G.....	41.5	22.41	1½	1½	9 - 9 - 54	39.0	21.06	9 - 9 - 54	
Memphis, Tenn.:									
Manufacturing shops.....	42.0	22.68	2 1½	2	9 - 9 - 54				
Railroad shops, road A.....	42.5	22.95	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, roads D and F.....	42.5	22.90	1½	1½	9 - 8 - 53				
New Orleans, La.:									
Manufacturing shops.....	38.9	21.00	2	2	9 - 9 - 54				
Outside.....	44.4	24.00	2	2	9 - 9 - 54				
Railroad shops, roads A and B.....	41.0	22.14	1½	1½	9 - 9 - 54				
Railroad shops, road C.....	43.5	23.49	1½	1½	9 - 8 - 53				

¹ Work 59 hours, paid for 59 hours and 59 minutes.

² Double time after midnight.

³ Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.

⁴ For Sundays, double time; for holidays, time and one-half.

⁵ Work 53 hours, paid for 53 hours and 53 minutes.

⁶ Work 57 hours, paid for 59 hours and 57 minutes.

⁷ Double time after 10 p. m.

⁸ Scale became 8 hours per day, 48 per week, on June 1, 1916.

⁹ Work 53 hours, paid for 54.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....	40.0	21.60	² 1½	2	19-9-54				
Railroad shops, roads A and D.....	42.0	20.16	1½	1½	8-8-48	41.0	19.68	8-8-48	
Railroad shops, road B.....	42.0	22.68	1½	1½	9-9-54	41.0	22.14	9-9-54	
Railroad shops, road E.....	43.0	23.22	1½	1½	9-9-54	41.5	22.41	9-9-54	
Los Angeles, Cal.: Breweries.....	56.3	27.00	² 1½	2	8-8-48				
Portland, Oreg.: Manu- facturing and jobbing shops.....	45.0	21.60	² 1½	1½	8-8-48				
Salt Lake City, Utah: ^a									
Manufacturing and jobbing shops.....	43.0	23.22	1½	1½	9-9-54				
Railroad shops.....	44.0	21.12	1½	1½	8-8-48	43.0	20.64	8-8-48	
San Francisco, Cal.:									
All-round men and tool and die makers.....	50.0	24.00	⁴ 1½	2	8-8-48	43.8	21.00	8-8-48	
Specialists.....	37.5	18.00	⁴ 1½	2	8-8-48				
Auto-repair shops.....	56.3	27.00	⁴ 1½	2	8-8-48	50.0	24.00	8-8-48	
Seattle, Wash.:									
Manufacturing and jobbing shops.....	45.0	21.60	⁵ 1½	2	8-8-48				
Outside.....	60.0	26.40	1½	2	8-4-44	12			
Railroad shops, round- house.....	47.5	25.65	² 1½	1½	9-9-54	45.0	24.30	9-9-54	
Spokane, Wash.:									
Manufacturing and jobbing shops.....	53.1	25.50	⁶ 1½	2	8-8-48	50.0	24.00	8-8-48	
Railroad shops.....	47.5	25.65	² 1½	1½	9-9-54	45.0	24.30	9-9-54	

MACHINISTS' HELPERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Railroad shops, road A.....	24.5	13.23	1½	1½	7-9-8-53	23.0	12.42	7-9-8-53	
Railroad shops, road B.....	⁸ 24.0	12.72	1½	1½	9-8-53				
Buffalo, N. Y.:									
Shops A.....	30.0	16.20	⁹ 1½	2	9-9-54	25.0	13.50	9-9-54	
Shops B.....	30.0	14.40	2	2	8-8-48	(10)	(10)	(10)	
Outside.....	30.0	14.40	1½	2	8-8-48				
Newark, N. J.: Outside.....	43.8	19.25	¹¹ 1½	2	8-4-44	12			
New Haven, Conn.:									
Outside.....	37.5	18.00	⁹ 1½	2	8-8-48	(10)	(10)	(10)	
Railroad shops.....	24.5	13.23	1½	1½	7-9-8-53	23.0	12.42	7-9-8-53	

¹ Scale became 42.5 cents and 51 hours on July 1, 1916.

² Double time after midnight.

³ Scale became 50 cents and 48 hours on June 1, 1916.

⁴ For first 4 hours; double time thereafter.

⁵ Double time after 10 p. m.

⁶ Double time after midnight and after 5 p. m. on Saturday.

⁷ Work 53 hours, paid for 54.

⁸ Scale became 26 cents on June 10, 1916.

⁹ Double time after midnight.

¹⁰ No scale on May 1, 1915.

¹¹ Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS' HELPERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
New York, N. Y.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	37.5	18.00	1 1/2	2	8 - 8 - 48		(?)	(?)	(?)
Outside.....	37.5	16.50	2	2	8 - 4 - 44	12			
Pittsburgh, Pa.:									
Railroad shops, road A.....	22.0	11.88	1 1/2	1 1/2	9 - 9 - 54		19.0	10.26	9 - 9 - 54
Railroad shops, road B.....	24.5	13.23	1 1/2	1 1/2	9 - 9 - 54		22.5	12.15	9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.: Outside.....	50.0	22.00	3 1/2	2	8 - 4 - 44	12	43.8	19.25	8 - 4 - 44
Cincinnati, Ohio:									
Railroad shops, road A.....	21.0	11.34	1 1/2	1 1/2	9 - 9 - 54		20.0	10.80	9 - 9 - 54
Railroad shops, road B.....	22.0	11.88	1 1/2	1 1/2	9 - 9 - 54		21.0	11.34	9 - 9 - 54
Cleveland, Ohio: Outside.....									
	45.0	19.80	1 1/2	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Kansas City, Mo.:									
Breweries.....	36.0	17.28	4 1/2	2	8 - 8 - 48				
Outside.....	43.8	19.25	4 1/2	2	8 - 4 - 44	12			
Railroad shops, road D.....	20.0	10.80	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road E.....	20.0	10.78	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road E.....	23.5	12.66	1 1/2	1 1/2	9 - 8 - 53				
Minneapolis, Minn.: Railroad shops.....									
	22.5	11.48	1 1/2	1 1/2	9 - 5 - 50	5			
St. Louis, Mo.:									
Railroad shops, road A.....	18.5	9.99	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road B.....	21.0	11.32	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, roads B and K.....	20.0	10.78	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, road C.....	22.0	11.88	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road C.....	20.0	10.80	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road C.....	20.0	9.60	1 1/2	1 1/2	8 - 8 - 48				
Railroad shops, road F.....	24.0	12.96	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, road G.....	20.0	10.80	1 1/2	1 1/2	9 - 9 - 54				
Railroad shops, roads B and K, nightwork.....	20.0	12.00	1 1/2	1 1/2	10 - 9 - 59				
SOUTH CENTRAL.									
Little Rock, Ark.:									
Railroad shops.....	20.0	10.78	1 1/2	1 1/2	9 - 8 - 53				
Railroad shops, round-house, nightwork.....	20.0	11.99	1 1/2	1 1/2	9 9 3/4 - 8 3/4 - 57				
WESTERN.									
Denver, Colo.:									
Manufacturing and jobbing shops.....	24.0	12.96	4 1/2	1 1/2	9 - 9 - 54				
Railroad shops, roads A and D.....	25.0	12.00	1 1/2	1 1/2	8 - 8 - 48		24.0	11.52	8 - 8 - 48
Railroad shops, road B.....	25.5	13.77	1 1/2	1 1/2	9 - 9 - 54		24.5	13.23	9 - 9 - 54
Railroad shops, road B.....	24.0	12.96	1 1/2	1 1/2	9 - 9 - 54				

1 Double time after 9 p. m.
 2 No scale on May 1, 1915.
 3 For first 2 hours; double time thereafter.
 4 Double time after midnight.
 5 Work 53 hours, paid for 53 hours and 53 minutes.
 6 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 7 Scale became 21.5 cents on June 15, 1916.
 8 Work 59 hours, paid for 59 hours and 59 minutes.
 9 Work 57 hours, paid for 59 hours and 57 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MACHINISTS' HELPERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
WESTERN—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Los Angeles, Cal.; Breweries.	37.5	18.00	1½	2	8 - 8 - 48				
Salt Lake City, Utah:									
Railroad shops.....	26.0	12.48	1½	1½	8 - 8 - 48	25.0	12.00	8 - 8 - 48	
Railroad shops, drill press- men.....	27.0	12.96	1½	1½	8 - 8 - 48	26.0	12.48	8 - 8 - 48	

METAL POLISHERS AND BUFFERS.

NORTH ATLANTIC.									
Boston, Mass.....	39.0	19.50	1½	2	9 - 5 - 50	12			
Bridgeport, Conn.:									
Shops A.....	34.6	16.61	1½	2	8½ - 4½ - 48	8	33.0	19.80	10 - 10 - 60
Shops B.....	35.0	16.80	1½	2	8 - 8 - 48		25.0	15.00	10 - 10 - 60
Shops C.....	38.0	18.24	1	1½	8 - 8 - 48		(?)	(?)	(?)
Buffalo, N. Y.:									
Shops A.....	35.0	18.90	1	1	9 - 9 - 54				
Shops B.....	35.0	*21.00	1	1	*10 - 10 - 60	3			
Newark, N. J.:									
Shops A.....	35.0	19.25	1½	2	10 - 5 - 55	12	33.3	18.33	10 - 5 - 55
Shops B.....	35.0	18.38	1½	2	9½ - 5 - 52½	12	33.3	18.33	10 - 5 - 55
Shops C.....	35.0	18.90	1½	2	9 - 9 - 54		33.3	18.33	10 - 5 - 55
Shops D.....	35.0	16.80	1½	2	8 - 8 - 48		33.3	18.33	10 - 5 - 55
New Haven, Conn.:									
Shops A.....	35.0	19.25	1	1	10 - 5 - 55		35.0	21.00	10 - 10 - 60
Shops B.....	33.3	18.00	1	1	9 - 9 - 54				
New York, N. Y.	41.0	18.04	1½	2	8 - 4 - 44	12			
Philadelphia, Pa.	35.0	17.50	1½	2	9 - 5 - 50	12	30.0	15.00	9 - 5 - 50
Pittsburgh, Pa.:									
Shops A.....	40.0	21.60	4½	2	9½ - 5½ - 54	12	36.0	19.44	9½ - 5½ - 54
Shops B.....	40.0	19.20	4½	2	8 - 8 - 48		(?)	(?)	(?)
Shops C.....	45.0	21.60	4½	2	8 - 8 - 48		(?)	(?)	(?)
Jobbing shops.....	40.0	20.80	4½	2	9 - 7 - 52		36.0	18.72	9 - 7 - 52
Rochester, N. Y.:									
Shops A.....	38.5	19.25	1½	2	9 - 5 - 50	2	35.0	18.90	9 - 9 - 54
Shops B.....	38.5	20.79	1½	2	9 - 9 - 54		35.0	18.90	9 - 9 - 54
SOUTH ATLANTIC.									
Baltimore, Md.....	30.0	14.40	1½	2	8 - 8 - 48		29.2	15.78	9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.....	46.0	22.08	4½	2	8½ - 4½ - 48	12	40.0	19.80	9 - 4½ - 49½
Cincinnati, Ohio.....	36.0	18.90	4½	2	9½ - 5 - 52½				
Jobbing shops.....	40.6	19.50	4½	2	8½ - 5½ - 48		36.0	19.44	9 - 9 - 54
Cleveland, Ohio.....	40.0	21.60	1½	2	9 - 9 - 54		36.1	19.60	9 - 9 - 54
Columbus, Ohio.....	35.0	19.25	1½	2	10 - 5 - 55	12	30.0	16.50	10 - 5 - 55

¹ Hours vary, but total 48 per week.

² No scale on May 1, 1915.

³ 55 hours and \$19.25 per week, June to August, inclusive.

⁴ Double time after midnight.

⁵ Scale became 31.7 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
METAL TRADES—Continued.
METAL POLISHERS AND BUFFERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Detroit, Mich.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Shops A.....	40.0	24.00	1½	2	10 -10 -60		37.5	22.50	10 -10 -60
Shops B.....	40.0	21.60	1½	2	9 -9 -54		37.5	20.25	9 -9 -55
Shops C.....	40.0	21.60	1½	2	9 -9 -54	4	37.5	20.25	9 -9 -54
Shops D.....	40.0	20.00	1½	2	9 -5 -50	12	37.5	18.75	9 -5 -50
Stove works.....	50.0	27.00	1½	2	2 ⁹ 9 -7½-52½				
Grand Rapids, Mich.....	33.3	18.00	1½	2	9 -9 -54				
Indianapolis, Ind.....	40.0	20.00	1½	2	9 -5 -50	12	35.0	17.50	9 -5 -50
Kansas City, Mo.....	45.0	21.60	1½	1½	8 -8 -48		40.0	21.60	9 -9 -54
Milwaukee, Wis.....	35.0	19.25	1½	2	10 -5 -55	12			
St. Louis, Mo.....	40.0	21.60	1½	2	4 ⁹ 9 -9 -54		36.0	19.44	4 ⁹ 9 -9 -54
Stove works.....	45.0	22.28	1½	2	9 -4½-49½	12			
WESTERN.									
Los Angeles, Cal.....	43.8	21.00	1½	2	8 -8 -48				
San Francisco, Cal.....	38.9	21.00	1½	(⁶)	9 -9 -54				
Seattle, Wash.....	50.0	24.00	1½	2	7 8 -8 -48				

MOLDERS: Iron.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.: Iron and brass.....	44.4	24.00	1½	2	9 -9 -54		38.9	21.00	9 -9 -54
Bridgeport, Conn.: Iron and brass.....	33.3	18.00	1½	2	9 -9 -54				
Buffalo, N. Y.: Iron and brass.....	41.7	22.50	1½	2	9 -9 -54		36.1	19.50	9 -9 -54
Fall River, Mass.: Iron and brass.....	36.1	19.50	1½	2	9 -9 -54		33.3	18.00	9 -9 -54
Newark, N. J.:									
Iron.....	41.7	22.50	1½	2	9 -9 -54		38.9	21.00	9 -9 -54
Brass.....	42.0	21.00	1½	2	9 -5 -50	12	39.0	19.50	9 -5 -50
New York, N. Y.....	41.7	22.50	1½	2	9 -9 -54				
Philadelphia, Pa.....	44.4	24.00	1½	2	9 -9 -54		38.9	21.00	9 -9 -54
Pittsburgh, Pa.: Iron and brass.....	44.4	24.00	1½	2	9 -9 -54				
Rochester, N. Y.....	41.7	22.50	(⁹)	(⁹)	9 -9 -54		37.8	20.40	9 -9 -54
Scranton, Pa.: Iron and brass Machinery.....	27.5	16.50	1½	2	10 -10 -60				
Hot water and steam heat- ing.....	36.1	19.50	1½	2	9 -9 -54				
Worcester, Mass.: Iron and brass.....	38.9	21.00	1½	2	9 -9 -54		36.1	19.50	9 -9 -54

¹ 50 hours and \$18.75 per week, November to February, inclusive.

² Work 52½ hours, paid for 54.

³ Scale became 47.2 cents on May 20, 1916.

⁴ Hours vary, but total 54 per week.

⁵ Scale became 46.7 cents on June 1, 1916.

⁶ For Sundays, double time; for holidays, time and one-half.

⁷ Scale became 44 hours on July 1, 1916.

⁸ Scale became 44.4 cents on July 1, 1916.

⁹ Overtime work prohibited.

¹⁰ Scale became 35 cents on July 1, 1916.

¹¹ Scale became 41.7 cents on July 3, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

MOLDERS: Iron—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Atlanta, Ga.	35.0	21.00	1½	2	10 - 10 - 60				
Baltimore, Md.	36.1	19.50	1½	2	9 - 9 - 54				
Richmond, Va.: Manufacturing and jobbing shops	33.3	18.00	1½	2	9 - 9 - 54				
Railroad shops	44.4	24.00	1½	2	9 - 9 - 54				
Washington, D. C.	34.4	16.50	1½	2	8 - 8 - 48	30.6	16.50		9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.: Iron and brass.	50.0	24.00	1½	2	8 - 8 - 48	44.4	24.00		9 - 9 - 54
Cincinnati, Ohio	44.4	24.00	1½	2	9 - 9 - 54	38.9	21.00		9 - 9 - 54
Cleveland, Ohio: Iron and brass	38.9	21.00	1½	2	9 - 9 - 54	3			
Columbus, Ohio	38.9	21.00	1½	1½	9 - 9 - 54	36.1	19.50		9 - 9 - 54
Detroit, Mich.: Iron and brass	44.4	24.00	1½	2	9 - 9 - 54	38.9	21.00		9 - 9 - 54
Grand Rapids, Mich.	38.9	21.00	1½	2	9 - 9 - 54	36.1	19.50		9 - 9 - 54
Indianapolis, Ind.: Bench	37.8	20.40	1½	2	9 - 9 - 54	36.1	19.50		9 - 9 - 54
Floor	38.9	21.00	1½	2	9 - 9 - 54	36.1	19.50		9 - 9 - 54
Machine	36.1	19.50	1½	2	9 - 9 - 54				
Kansas City, Mo.	45.0	24.30	1½	2	9 - 9 - 54	40.0	21.00		9 - 9 - 54
Minneapolis, Minn.: Iron and brass	38.9	21.00	1½	2	9 - 9 - 54				
Omaha, Nebr.: Iron and brass	40.0	21.60	1½	2	9 - 9 - 54				
Peoria, Ill.	41.7	22.50	1½	2	9 - 9 - 54	38.3	20.70		9 - 9 - 54
St. Louis, Mo.: Iron	41.7	22.50	1½	2	9 - 9 - 54	38.9	21.00		9 - 9 - 54
Brass	38.9	21.00	1½	2	9 - 9 - 54				
St. Paul, Minn.	42.8	23.10	1½	2	9 - 9 - 54	38.9	21.00		9 - 9 - 54
SOUTH CENTRAL.									
Houston, Tex.	41.7	22.50	1	(8)	9 - 9 - 54				
Little Rock, Ark.: Iron and brass	38.9	21.00	1½	2	9 - 9 - 54				
Memphis, Tenn.	40.0	21.60	1½	2	9 - 9 - 54				
New Orleans, La.	38.9	21.00	2	2	9 - 9 - 54	36.1	19.50		9 - 9 - 54
WESTERN.									
Denver, Colo.: Iron and brass	44.4	24.00	1½	2	9 - 9 - 54				
Los Angeles, Cal.: Iron and brass	37.5	20.25	1	1	9 - 9 - 54				
Portland, Oreg.: Iron and brass	41.7	22.50	1½	2	9 - 9 - 54				

¹ Scale became 41.7 cents on Aug. 1, 1916.

² Scale became 40.6 cents on July 1, 1916.

³ Scale became 44.4 cents on June 1, 1916.

⁴ Double time after midnight.

⁵ Scale became 41.7 cents on Sept. 1, 1916.

⁶ Scale became 45 cents on June 1, 1916.

⁷ Scale became 44.4 cents on June 5, 1916.

⁸ Do not work Sundays or holidays.

⁹ Scale became 48 hours on Aug. 1, 1916.

¹⁰ Scale became 50 cents and 48 hours on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
METAL TRADES—Continued.
MOLDERS: Iron—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Salt Lake City, Utah: Iron and brass—									
Manufacturing and job- bing shops.....	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Railroad shops.....	44.4	24.00	1½	2	8 - 8 - 48				9 - 9 - 54
San Francisco, Cal.: Iron and brass.....	41.0	22.14	1½	1½	9 - 9 - 54	40.0	21.60		9 - 9 - 54
Seattle, Wash.: Iron and brass.....	50.0	24.00	1½	2	8 - 8 - 48				
Spokane, Wash.....	44.4	24.00	1½	2	9 - 9 - 54				
	44.4	24.00	1½	2	9 - 9 - 54				

PATTERN MAKERS: Wood.

NORTH ATLANTIC.									
Boston, Mass.:									
Manufacturing shops A.....	45.0	22.50	1½	2	9 - 5 - 50	12			
Manufacturing shops B.....	47.0	25.38	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Jobbing shops.....	47.0	25.50	1½	2	9 - 5 - 50	12	45.0	22.50	9 - 9 - 50
Artificial stone molds.....	48.0	24.00	2 1½	2	9 - 5 - 50	2	(⁹)	(⁹)	(⁹)
Bridgeport, Conn.:									
Manufacturing shops A.....	45.0	22.50	1½	2	9 - 5 - 50	12	40.0	20.00	9 - 5 - 50
Manufacturing shops B.....	45.0	22.50	1½	2	9 - 5 - 50	12	40.0	22.00	10 - 5 - 55
Jobbing shops.....	47.0	23.50	1½	2	9 - 5 - 50	7	47.0	25.38	9 - 9 - 54
Buffalo, N. Y.:									
Manufacturing shops A.....	45.0	24.30	1½	2	9 - 9 - 54		42.5	22.95	9 - 9 - 54
Manufacturing shops B.....	45.0	22.50	1½	2	9 - 5 - 50	12	42.5	21.25	9 - 5 - 50
Manufacturing shops C.....	45.0	22.95	1½	2	8½ - 8½ - 51		42.5	21.63	8½ - 8½ - 51
Jobbing shops.....	47.5	23.51	1½	2	9 - 4½ - 49½	12			
Newark, N. J.:									
Manufacturing shops.....	44.4	22.00	1½	2	9 - 4½ - 49½	12			
Jobbing shops.....	53.1	23.38	2	2	8 - 4 - 44	12			
New Haven, Conn.:									
Manufacturing and jobbing shops.....	40.0	20.00	1½	2	9 - 5 - 50	12	37.0	18.50	9 - 5 - 50
Railroad shops.....	38.5	20.79	1½	1½	9 - 8 - 53		37.0	19.98	9 - 8 - 53
New York, N. Y.:									
Manufacturing shops A.....	53.0	26.50	7 1½	2	9 - 5 - 50	12	47.2	23.61	9 - 5 - 50
Manufacturing shops B.....	51.0	24.48	7 1½	2	8½ - 4½ - 48	12	47.2	23.61	9 - 5 - 50
Manufacturing shops C.....	51.0	24.48	7 1½	2	8½ - 5½ - 48	12	47.2	23.61	9 - 5 - 50
Manufacturing shops D.....	56.3	27.00	7 1½	2	8 - 8 - 48		(⁸)	(⁸)	(⁸)
Manufacturing shops E.....	53.1	25.50	7 1½	2	8 - 8 - 48		(⁸)	(⁸)	(⁸)
Jobbing shops.....	60.0	26.40	7 1½	2	8 - 4 - 44	12	54.0	23.76	8 - 4 - 44
Architectural work.....	53.1	24.97	7 1½	2	8 - 7 - 47				
Architectural work, plaster	51.0	23.97	7 1½	2	8 - 7 - 47				
Manufacturing shops, metal	56.3	24.75	7 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44

¹ Double time after midnight.

² Double time after 10 p. m.

³ No scale on May 1, 1915.

⁴ Scale became 55 cents and 8 hours on June 1, 1916.

⁵ Scale became 62.5 cents on July 1, 1916.

⁶ Work 53 hours, paid for 54.

⁷ Double time after 9 p. m.

⁸ Scale became 62.5 cents on July 17, 1916.

⁹ Scale became 57 cents on Oct. 13, 1916.

¹⁰ Scale became 54.5 cents on Oct. 13, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Continued.

PATTERN MAKERS: Wood—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops A.....	45.0	22.50	1½	2	9 - 5 - 50	12	37.5	18.75	9 - 5 - 50
Manufacturing shops B.....	45.0	24.75	1½	2	10 - 5 - 55	12	37.5	20.63	10 - 5 - 55
Manufacturing shops C.....	45.0	21.60	1½	2	8 - 8 - 48		(³)	(³)	(³)
Jobbing shops A.....	50.0	25.00	1½	2	9 - 5 - 50	12	42.0	21.00	9 - 5 - 50
Jobbing shops B.....	50.0	24.00	1½	2	8 - 8 - 48		(³)	(³)	(³)
Pittsburgh, Pa.:									
Manufacturing shops.....	50.0	27.00	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Jobbing shops A.....	55.0	29.70	1½	2	9 - 9 - 54		50.0	27.00	9 - 9 - 54
Jobbing shops B.....	55.0	24.20	1½	2	8 - 4 - 44	8	(³)	(³)	(³)
Jobbing shops C.....	55.0	26.40	1½	2	8½ - 44 - 48	8	(³)	(³)	(³)
Providence, R. I.:	45.0	24.75	1½	2	10 - 5 - 55	12	40.0	22.00	10 - 5 - 55
Rochester, N. Y.:									
Manufacturing shops A.....	48.0	24.00	1½	2	9 - 5 - 50	12	45.0	23.63	9½ - 5 - 52½
Manufacturing shops B.....	48.0	25.92	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Job shops.....	48.0	25.92	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Worcester, Mass.:	40.0	21.60	1½	2	9 - 9 - 54				
SOUTH ATLANTIC.									
Baltimore, Md.:									
Manufacturing shops A.....	45.0	22.50	1½	2	9 - 5 - 50	12	38.9	19.44	9 - 5 - 50
Manufacturing shops B.....	45.0	21.60	1½	2	8 - 8 - 48		(³)	(³)	(³)
Richmond, Va.:									
Manufacturing shops-loco- motive works.....	37.5	20.63	1½	2	10 - 5 - 55	12			
Railroad shops, road A.....	41.7	22.50	1½	1½	9 - 9 - 54				
Railroad shops, road B.....	41.5	22.41	1½	1½	9 - 9 - 54				
Washington, D. C.:	50.0	24.00	1½	2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
Manufacturing shops, wood and metal.....	55.0	29.70	1½	2	9 - 9 - 54		50.0	27.00	9 - 9 - 54
Jobbing shops.....	70.0	30.80	1½	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44
Cincinnati, Ohio:									
Manufacturing shops.....	44.0	23.10	1½	2	9½ - 5 - 52½	12	40.0	22.00	10 - 5 - 55
Jobbing shops.....	50.0	25.00	1½	2	9 - 5 - 50	12	42.0	21.00	9 - 5 - 50
Cleveland, Ohio:									
Manufacturing shops.....	48.0	25.92	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Jobbing shop.....	55.0	24.48	1½	2	8 - 4½ - 44½	12	50.0	24.75	9 - 4½ - 49½
Columbus, Ohio.....	42.5	23.38	1½	2	10 - 5 - 55	12	40.0	22.00	10 - 5 - 55
Detroit, Mich.:									
Manufacturing shops A, wood and metal.....	45.0	24.75	1½	2	10 - 5 - 55	12			
Manufacturing shops B, wood and metal.....	45.0	24.30	1½	2	9 - 9 - 54				
Jobbing shops.....	45.0	22.50	1½	2	9 - 5 - 50	12			
Grand Rapids, Mich.:									
Manufacturing shops A.....	40.0	21.60	1½	2	9 - 9 - 54				
Manufacturing shops B.....	40.0	22.00	1½	2	10 - 5 - 55	12			
Jobbing shops A.....	40.0	19.80	1½	2	9 - 4½ - 49½	12			
Jobbing shops B.....	40.0	23.60	1½	2	10 - 9 - 59				

¹ Double time after midnight.

² Hours vary, but total 48 per week.

³ No scale on May 1, 1915.

⁴ Scale became 57 cents in July, 1916.

⁵ 50 hours and \$22.50 per week, September to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

METAL TRADES—Concluded.

PATTERN MAKERS: Wood—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Indianapolis, Ind.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Manufacturing shops.....	45.0	22.50	1½	2	9 - 5 -50	12	42.5	21.25	9 - 5 -50
Jobbing shops.....	55.0	24.20	1½	2	8 - 4 -44	12	50.0	22.00	8 - 4 -44
Milwaukee, Wis.	52.0	24.96	1½	2	8½ - 4½ -48	12	50.0	24.75	9 - 4½ -49½
Minneapolis, Minn.:									
Manufacturing shops.....	42.5	23.38	1½	2	10 - 5 -55	12			
Jobbing shops.....	45.0	22.50	1½	2	9 - 5 -50	4	44.0	22.00	9 - 5 -50
Railroad shops.....	42.5	21.68	1½	1½	9 - 5 -50	5	41.0	20.91	9 - 5 -50
Peoria, Ill.:									
Manufacturing shops A.....	45.0	24.30	1½	2	9 - 9 -54				
Manufacturing shops B.....	40.0	24.00	1½	2	10 -10 -60				
Manufacturing shops C.....	42.5	25.50	1½	2	10 -10 -60				
Manufacturing shops D.....	35.0	21.00	1½	2	10 -10 -60				
Manufacturing shops E.....	50.0	30.00	1½	2	10 -10 -60				
Manufacturing shops F.....	60.0	33.00	1½	2	10 - 5 -55	12			
Manufacturing shops G.....	40.0	21.60	1½	2	9 - 9 -54				
Jobbing shops.....	45.0	24.30	1½	2	9 - 9 -54				
St. Louis, Mo.:									
Manufacturing shops.....	\$48.0	24.00	1½	2	8 - 5 -50	12			
Jobbing shops.....	60.0	26.40	1½	2	8 - 4 -44	12			
Steel works.....	58.5	28.96	1½	2	9 - 4½ -49½	12	53.0	26.50	9 - 5 -50
Railroad shops.....	39.0	20.67	1½	1½	9 - 8 -53				
St. Paul, Minn.:									
Manufacturing shops.....	42.5	23.38	1½	2	10 - 5 -55	12			
Jobbing shops.....	45.0	22.50	1½	1½	9 - 5 -50	5	44.0	22.00	9 - 5 -50
Railroad shops.....	42.5	21.68	1½	1½	9 - 5 -50	5	41.0	20.91	9 - 5 -50
SOUTH CENTRAL.									
Birmingham, Ala.	50.0	27.00	5 1½	2	9 - 9 -54		37.5	22.50	10 -10 -60
Houston, Tex.	56.0	30.24	1½	2	9 - 9 -54		53.0	28.62	9 - 9 -54
Memphis, Tenn.	45.0	24.30	6 1½	2	9 - 9 -54				
WESTERN.									
Denver, Colo.: Manufactur- ing and jobbing shops.....	50.0	27.00	1½	2	9 - 9 -54		45.0	24.30	9 - 9 -54
Los Angeles, Cal.:									
Manufacturing shops.....	50.0	24.00	5 1½	2	8 - 8 -48				
Jobbing shops.....	53.0	25.44	5 1½	2	8 - 8 -48				
Portland, Oreg.:									
Manufacturing shops.....	44.4	24.00	5 1½	2	9 - 9 -54				
Jobbing shops.....	50.0	27.00	5 1½	2	9 - 9 -54				
Salt Lake City, Utah	74.4	24.00	1½	2	7 9 - 9 -54				
San Francisco, Cal.	62.5	30.00	5 1½	2	8 - 8 -48				

1 54 hours and \$24.30 per week, September to April, inclusive.
 2 Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.
 3 Scale became 50 cents on June 1, 1916.
 4 54 hours and \$21.30 per week, October to April, inclusive.
 5 Double time after midnight.
 6 Double time after 10 p. m.
 7 Scale became 56.3 cents and 8 hours on June 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

MILLWORK.

CARPENTERS.

Geographical division and city.	May 15, 1916.					Number of mos. with Saturday half holiday.	May 1, 1915.	
	Rate of wages—				Hours— Full days; Saturdays; Full week.		Rate of wages—	
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
NORTH ATLANTIC.								
Boston, Mass.:								
Cabinetmakers, molders, band and jig sawyers, and stock fitters and turners	¹ 45.0	21.60	2	2	¹ 8 $\frac{1}{2}$ —4 $\frac{1}{2}$ —48	12		
Stock cutters	¹ 43.0	20.64	2	2	¹ 8 $\frac{1}{2}$ —4 $\frac{1}{2}$ —48	12		
Planer men, matcher men, sandpaper-machine men, mortise men, and tenon men	² 40.0	19.20	2	2	² 8 $\frac{1}{2}$ —4 $\frac{1}{2}$ —48	12		
Buffalo, N. Y.:								
Shops A	³ 30.0	⁴ 14.40	$1\frac{1}{2}$	2	⁴ 8—8—48	3		
Shops B	³ 32.5	⁵ 17.55	$1\frac{1}{2}$	2	⁶ 9—9—54	3	⁶ 30.0	⁶ 16.20
Millwrights	⁷ 55.0	⁸ 26.40	$1\frac{1}{2}$	2	⁸ 8—8—48	3		
Newark, N. J.	35.2	15.50	2	2	8—4—44	12	37.0	16.28
Molding-machine men	40.9	18.00	2	2	8—4—44	12		8—4—44
New York, N. Y.	40.9	18.00	2	2	8—4—44	7	35.4	17.00
Outside, Richmond	56.3	24.75	2	2	8—4—44	12	50.0	22.00
Cabinetmakers, Manhattan and Bronx.								
Cabinetmakers, Brooklyn and Queens	⁹ 50.0	22.00	2	2	8—4—44	12		
Philadelphia, Pa.	¹⁰ 47.3	20.79	2	2	8—4—44	12		
Pittsburgh, Pa.	40.0	20.00	$11\frac{1}{2}$	2	9—5—50	12	37.5	18.75
Rochester, N. Y.	44.4	22.00	$1\frac{1}{2}$	¹² 2	9—4 $\frac{1}{2}$ —49 $\frac{1}{2}$	12		
Worcester, Mass.	40.6	19.50	$1\frac{1}{2}$	2	¹³ 8—8—48		37.5	18.00
Cabinetmakers, first class, and upright molders.								
Cabinetmakers, second class, and millmen	35.7	17.83	¹⁴ $1\frac{1}{2}$	2	¹⁵ 9—5—50	12		
SOUTH ATLANTIC.								
Baltimore, Md.	30.6	15.13	$1\frac{1}{2}$	2	9—4 $\frac{1}{2}$ —49 $\frac{1}{2}$	12		
Jacksonville, Fla.	33.3	18.00	$1\frac{1}{2}$	2	9—9—54			
Washington, D. C.:								
Layers-off	¹⁶ 40.6	19.50	$1\frac{1}{2}$	2	8—8—48			
Variety molders	¹⁷ 39.4	18.90	$1\frac{1}{2}$	2	8—8—48			
Cabinetmakers and bench hands	¹⁸ 37.5	18.00	$1\frac{1}{2}$	2	8—8—48			

¹ Scale became 50 cents and 44 hours on June 1, 1916.

² Scale became 45 cents and 44 hours on June 1, 1916.

³ Scale became 35 cents on July 1, 1916.

⁴ 44 hours and \$13.20 per week, June to August, inclusive.

⁵ 50 hours and \$16.25 per week, June to August, inclusive.

⁶ 50 hours and \$15 per week, June to August, inclusive.

⁷ Scale became 60 cents on Sept. 1, 1916.

⁸ 44 hours and \$24.2 per week, June to August, inclusive.

⁹ Scale became 56.3 cents on Aug. 7, 1916.

¹⁰ Scale became 50 cents on Aug. 7, 1916.

¹¹ Double time after 10 p. m.

¹² And on Saturday afternoon.

¹³ Hours vary, but total 48 per week.

¹⁴ Double time after 9 p. m.

¹⁵ Scale became 8 hours per day, 48 per week, on June 1, 1916.

¹⁶ Scale became 43.3 cents on Aug. 1, 1916.

¹⁷ Scale became 42.5 cents on Aug. 1, 1916.

¹⁸ Scale became 40.6 cents on Aug. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

MILLWORK—Continued.

CARPENTERS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC—concl'd.									
Washington, D. C.—Concl'd. Band and scroll sawyers and wood turners.....	33.1	18.30	1½	2	8 - 8 -48				
Cross-cut millwork, frame makers and straight molders.....	34.4	16.50	1½	2	8 - 8 -48				
Berlin sanders.....	23.8	13.80	1½	2	8 - 8 -48				
Planer men.....	23.1	13.50	1½	2	8 - 8 -48				
NORTH CENTRAL.									
Chicago, Ill.....	43.0	21.29	1½	2	9 - 4½-49½	6	41.0	20.30	9 - 4½-49½
Planing-mill hands.....	28.0	15.12	1½	2	9 - 9 -54				
Cleveland, Ohio.....	42.5	18.70	1½	2	8 - 4 -44	12	37.5	18.56	9 - 4½-49½
Grand Rapids, Mich.....	30.0	16.20	1½	2	9 - 9 -54				
Indianapolis, Ind.....	35.0	18.90	1½	2	9 - 9 -54				
Kansas City, Mo.....	40.0	21.60	1½	2	9 - 9 -54				
Milwaukee, Wis.....	37.0	18.50	1½	2	9 - 5 -50	12	36.0	18.00	9 - 5 -50
Minneapolis, Minn.....	35.0	18.90	1½	2	9 - 9 -54				
Omaha, Nebr.....	30.0	16.20	1½	1½	9 - 9 -54				
Peoria, Ill.....	35.0	18.90	1	2	9 - 9 -54				
St. Louis, Mo.....	36.0	17.28	2	2	8½-4½-48	12			
St. Paul, Minn.....	35.0	18.90	1½	2	9 - 9 -54				
SOUTH CENTRAL.									
Memphis, Tenn.: Benchmen, bill cutters, turners, molders, and shapers.....	37.5	18.56	1½	2	9 - 4½-49½	12			
Joiners, sticker men, and tenon men.....	35.0	17.33	1½	2	9 - 4½-49½	12			
Sanders and second turners.....	32.0	15.84	1½	2	9 - 4½-49½	12			
Second molders.....	27.5	13.61	1½	2	9 - 4½-49½	12			
Mortise men and band and scroll sawyers.....	25.0	12.38	1½	2	9 - 4½-49½	12			
New Orleans, La.....	25.0	13.50	1½	2	9 - 9 -54				
WESTERN.									
Los Angeles, Cal.....	43.8	21.00	1½	1½	8 - 8 -48				
Salt Lake City, Utah.....	42.5	21.04	1½	1½	9 - 4½-49½	5			
San Francisco, Cal.: Sticker men, shapers, and matchers.....	62.5	30.00	2	2	8 - 8 -48				
Sash and door layers-out.....	59.4	28.50	2	2	8 - 8 -48				
Band sawyers, cabinet- makers, smoothers and molders on veneered doors and sash, turners, rip sawyers for stickers, cutters for cabinetwork, and trim sawyers.....	56.3	27.00	2	2	8 - 8 -48				

1 Scale became 41.3 cents on Aug. 1, 1916.
 2 Scale became 37.5 cents on Aug. 1, 1916.
 3 Scale became 31.9 cents on Aug. 1, 1916.
 4 Scale became 31.3 cents on Aug. 1, 1916.
 5 54 hours and \$23.22 per week, October to March, inclusive.
 6 54 hours and \$22.14 per week, October to March, inclusive.
 7 54 hours and \$22.95 per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

MILLWORK—Concluded.

CARPENTERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
San Francisco, Cal.—Conc'd. Planer men, roller sanders, sash stickers, and stock cutters for doors and sash.....	Cents. 50.0	Dolls. 24.00			8 - 8 - 48		Cents.	Dolls.	
Putters-up on doors and sash, and smoothers and molders on stock for doors and sash.....	43.8	21.00	2	2	8 - 8 - 48				
Elbow sanders, mortisers, and tenoners.....	40.6	19.50	2	2	8 - 8 - 48				
Seattle, Wash.....	50.0	24.00	2	2	8 - 8 - 48	43.8	21.00		8 - 8 - 48

PAINTERS: Hardwood finishers.

NORTH ATLANTIC.									
Boston, Mass.....	40.9	19.20	1½	2	8½ - 4½ - 47	12	35.1	16.50	8½ - 4½ - 47
Buffalo, N. Y.....	38.9	21.00	1½	2	9 - 9 - 54	3	33.3	218.00	9 - 9 - 54
New York, N. Y.....	62.5	27.50	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44
Philadelphia, Pa.....	39.0	18.72	1½	2	8½ - 4½ - 48	12			
Pittsburgh, Pa.....	35.0	15.40	1½	2	8 - 4 - 44	12			
Rochester, N. Y.....	40.6	17.88	1½	2	8 - 4 - 44	12	38.8	17.05	8 - 4 - 44
SOUTH ATLANTIC.									
Washington, D. C.....	43.8	21.00	1½	2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.: Shops A.....	42.5	22.95	1½	2	9 - 9 - 54		41.0	22.14	9 - 9 - 54
Shops B.....	42.5	21.04	1½	2	9 - 4½ - 49½	12	41.0	20.30	9 - 4½ - 49½
Cincinnati, Ohio.....	32.5	16.25	1½	2	9 - 5 - 50	12	27.5	13.75	9 - 5 - 50
Cleveland, Ohio.....	45.0	19.80	1½	2	8 - 4 - 44	12	40.0	19.60	9 - 4 - 49
Grand Rapids, Mich.....	30.6	16.50	1½	2	9 - 9 - 54		27.8	15.00	9 - 9 - 54
Kansas City, Mo.....	40.0	21.60	1½	2	9 - 9 - 54				
Milwaukee, Wis.....	35.0	17.33	1½	2	9 - 4½ - 49½	12	32.5	16.09	9 - 4½ - 49½
Bar fixtures.....	37.5	18.56	1½	2	9 - 4½ - 49½	12			
St. Louis, Mo.....	36.0	17.28	2	2	8½ - 4½ - 48	12			
WESTERN.									
Denver, Colo.....	37.5	18.00	1½	1½	8 - 8 - 48		32.5	15.60	8 - 8 - 48
Salt Lake City, Utah.....	62.5	27.50	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
San Francisco, Cal.....	50.0	24.00	2	2	8 - 8 - 48				
Seattle, Wash.....	43.8	21.00	6 1½	2	8 - 8 - 48				

¹ 49½ hours and \$19.25 per week, June to August, inclusive.

² 49½ hours and \$16.50 per week, June to August, inclusive.

³ Actual rate, in cents, per hour; limited to 7 hours.

⁴ Scale became 50 cents on Sept. 15, 1916.

⁵ For Sundays; do not work on holidays.

⁶ Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB.
BINDERY WOMEN.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:									
Book examiners, or bindery women	Cents. 19.0	Dolls. 9.12	1½	2	8½-4½-48	12	Cents.	Dolls.	
Gathering machine operators	20.8	10.00	1½	2	8½-4½-48	12			
Folding machine operators, or end blank pasting machine operators, or gold leaf layers	21.0	10.08	1½	2	8½-4½-48	12			
Book inspectors, signature examiners, pasting machine operators, or gold-leaf layers	22.9	11.00	1½	2	8½-4½-48	12			
Book repairers or gatherers, hand, or leather back workers	25.0	12.00	1½	2	8½-4½-48	12			
Buffalo, N. Y.	16.7	8.00	1½	2	8-8-48		(1)	(1)	(1)
Newark, N. J.	20.0	9.60	2 1½	2	8-8-48				
Folding machine feeders.	25.0	12.00	2 1½	2	8-8-48				
New York, N. Y.:									
Drawing off, 3 machines	14.6	7.00	1½	2	8-8-48				
Emptying boxes, point machines	16.7	8.00	1½	2	8-8-48				
Drawing in, No. 4 machine	18.8	9.00	1½	2	8-8-48				
Machine operators—sewing, or inserting, or flat stitching, or saddle-back stitching	20.8	10.00	1½	2	8-8-48				
Gold-leaf layers	22.9	11.00	2 1½	2	8-8-48				
Head gold-leaf layers, or machine sewers on No. 4 machine	25.0	12.00	1½	2	8-8-48				
Philadelphia, Pa.:									
Folders, hand, or inserting. Gold-leaf layers, or folders, machine, or sewers, hand, sewers, machine, or num-berers and pagers, or wire stitchers	16.7	8.00	1½	*2	8½-4½-48	12			
Operators on quad machines	18.8	9.00	1½	*2	8½-4½-48	12			
Washington, D. C.	25.0	12.00	1½	*2	8½-4½-48	12			
SOUTH ATLANTIC.									
Baltimore, Md.:									
Table work	14.6	7.00	1½	2	8-8-48				
Blank book sewers, or fold- ing machine operators	15.6	7.50	1½	2	8-8-48				
Paging machine operators	16.7	8.00	1½	2	8-8-48				
Numberers	12.5		1½	2	8-8-48				
Washington, D. C.	16.9	8.10	1½	2	8-8-48				

1 No scale on May 1, 1915.
 2 Double time after 10 p. m.
 3 Hours vary, but total 48 per week.
 4 For New Year's, Memorial, and Thanksgiving days, time and one-half only.
 5 Per 1,000, sheets.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BINDERY WOMEN—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Book wrappers.....	14.6	7.00	1 ½	2	8 - 8 - 48				
Counters, ticket room, or gold layers and sizers, or binding machine feeders, or ruling machine opera- tors, or punching and performing machine opera- tors.....	16.7	8.00	1 ½	2	8 - 8 - 48				
Blank book sewers, or pagors and numberers, or feeders on gauging ma- chines, or operators on 2-point folding machines, or machine wire stitchers, or sewing machine opera- tors, or folders, inserters, trimmers, tippers, strip- pers, gatherers and col- laters.....	20.8	10.00	1 ½	2	8 - 8 - 48				
Machine thread sewers.....	25.0	12.00	1 ½	2	8 - 8 - 48				
Kansas City, Mo.....	16.7	8.00	1 ½	1 ½	8 ½ - 5 ½ - 48	14.6	7.00	8 ½ - 5 ½ - 48	
St. Louis, Mo.:									
Machine operators.....	19.8	9.50	3 ½	2	8 - 8 - 48	18.8	9.00	8 - 8 - 48	
Table work.....	17.7	8.50	3 ½	2	8 - 8 - 48	16.7	8.00	8 - 8 - 48	
SOUTH CENTRAL.									
Houston, Tex.:									
First class.....	21.9	10.50	6 ½	2	8 - 8 - 48				
Second class.....	19.8	9.50	6 ½	2	8 - 8 - 48	18.8	9.00	8 - 8 - 48	
Third class.....	15.6	7.50	6 ½	2	8 - 8 - 48	14.6	7.00	8 - 8 - 48	
WESTERN.									
Denver, Colo.....	25.0	12.00	6 ½	2	8 - 8 - 48				
Los Angeles, Cal.....	18.8	9.00	1 ½	2	8 - 8 - 48				
Portland, Oreg.....	20.8	10.00	1 ½	1 ½	8 - 8 - 48				
Blank-book work.....	22.9	11.00	1 ½	1 ½	8 - 8 - 48				
San Francisco, Cal.....	20.8	10.00	1 ½	1 ½	8 - 8 - 48				
Seattle, Wash.....	20.8	10.00	1 ½	1 ½	8 - 8 - 48				
Spokane, Wash.....	18.5	8.90	(6)	(6)	8 - 8 - 48				

¹ Double time after 9 p. m.

² Scale became 20.8 cents on July 1, 1916.

³ Double time after midnight.

⁴ Scale became 18.8 cents on July 1, 1916.

⁵ Double time after 10 p. m.

⁶ Overtime work and work on Sundays and holidays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS.

Geographical division and city.	May 15, 1916.					May 1, 1915.		Hours— Full days; Saturdays; Full week.	
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.		Per week full time.
NORTH ATLANTIC.									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cutters, board.....	37.5	18.00	1½	2	8½- 4½-48	12			
Cutters, sheet and stock, union A, or trimmers, book, or folding-machine operators.....	45.8	22.00	1½	2	8½- 4½-48	12			
Cutters, leather sheet, stock, and cloth, union B.	45.8	22.00	1½	2	8½- 4½-48	12	43.8	21.00	
Finishers, stampers, and inkers.....	45.8	22.00	1½	2	8½- 4½-48	12			
Finishers, extra, printed work, union A.....	50.0	24.00	1½	2	8½- 4½-48	12			
Finishers, extra, union B.....	56.3	27.00	1½	2	8½- 4½-48	12			
Forwarders: Case makers, or head banding and lining machines.....	43.8	21.00	1½	2	8½- 4½-48	12			
Forwarders: Case makers, machine, or casing-in, machine, or rounders and backers, machine.....	45.8	22.00	1½	2	8½- 4½-48	12			
Forwarders: Stock blank work or casing-in machines, 2 men on each machine.....	37.5	18.00	1½	2	8½- 4½-48	12			
Forwarders: (Case makers, Sheridan machines.....	47.9	23.00	1½	2	8½- 4½-48	12			
Forwarders, sheep and library.....	43.8	21.00	1½	2	8½- 4½-48	12			
Forwarders' job.....	45.8	22.00	1½	2	8½- 4½-48	12			
Forwarders, extra, job, printed work.....	50.0	24.00	1½	2	8½- 4½-48	12			
Buffalo, N. Y.:									
Cutters.....	35.4	17.00	1½	2	18- 8-48	3			
Cutters, stock.....	37.5	18.00	1½	2	28- 8-48	3			
Finishers.....	41.7	20.00	1½	2	38- 8-48	3			
Forwarders, grade A.....	39.6	19.00	1½	2	48- 8-48	3			
Forwarders, grade B.....	37.5	18.00	1½	2	28- 8-48	3			
Rulers.....	39.6	19.00	1½	2	48- 8-48	3			
Newark, N. J.:									
Cutters, large machines, or duplex machines.....	45.8	22.00	6 1½	2	68- 8-48				
Cutters, paper, or rotary cutting machine opera- tors.....	41.7	20.00	6 1½	2	68- 8-48				
Finishers, first class, or gilders, or forwarders, first class.....	47.9	23.00	6 1½	2	68- 8-48				
Finishers and forwarders, second class, or case makers, or casing-in, or folding-machine opera- tors.....	41.7	20.00	6 1½	2	68- 8-48				

1 44 hours and \$15.58 per week, June to August, inclusive.
 2 44 hours and \$16.50 per week, June to August, inclusive.
 3 44 hours and \$18.33 per week, June to August, inclusive.
 4 44 hours and \$17.42 per week, June to August, inclusive.
 5 Double time after 10 p. m.
 6 Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half hol- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Newark, N. J.— Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Sheet straighteners.....	37.5	18.00	1 1/2	2	2 8 - 8 - 48				
Finishers, forwarders, or stampers.....	45.8	22.00	1 1/2	2	2 8 - 8 - 48				
New York, N. Y.:									
Cutters, board, or sawing out, smashing and nipping machine operators..	37.5	18.00	1 1/2	2	2 8 - 8 - 48				
Cutters, 3-knife machines, or duplex trimmers.....	47.9	23.00	1 1/2	2	2 8 - 8 - 48				
Cutters, stock, or sheet stock, or machine, or trimmers, books.....	41.7	20.00	1 1/2	2	2 8 - 8 - 48				
Cutters, assistant, sheet stock.....	35.4	17.00	1 1/2	2	2 8 - 8 - 48				
Finishers and forwarders, blank work, first class..	50.0	24.00	2 1/2	2	8 - 8 - 48				
Finishers and forwarders, blank work, second class.	43.8	21.00	2 1/2	2	8 - 8 - 48				
Finishers, assistant, or colorers, or repairers, books.....	41.7	20.00	1 1/2	2	2 8 - 8 - 48				
Finishers, extra.....	52.1	25.00	1 1/2	2	2 8 - 8 - 48				
Finishers, stampers.....	45.8	22.00	1 1/2	2	2 8 - 8 - 48				
Finishers, head stampers..	58.3	28.00	1 1/2	2	2 8 - 8 - 48				
Finishers, edge gilders, books.....	62.5	30.00	1 1/2	2	2 8 - 8 - 48				
Finishers, edge gilders, books.....	60.0	28.80	1 1/2	2	2 8 - 8 - 48				
Forwarders: Gluing and paring machine operators	37.5	18.00	1 1/2	2	2 8 - 8 - 48				
Forwarders: Folding or gathering machine operators.....	43.8	21.00	1 1/2	2	2 8 - 8 - 48				
Forwarders: Casers-in, or case makers, or circular or rough edge machine operators, or covering machine operators, or head banding and lining.	41.7	20.00	2 1/2	2	2 8 - 8 - 48				
Forwarders, extra, or extra coverers, or circuit workers.....	45.8	22.00	1 1/2	2	2 8 - 8 - 48				
Forwarders: Case makers, machine, or casing-in, machine, or rounders and backers, machine, or head banding and line, machine, or continuous trimmers.....	47.9	23.00	1 1/2	2	2 8 - 8 - 48				
All-around book binders..	50.0	24.00	1 1/2	2	2 8 - 8 - 48				
Rulers, first class.....	50.0	24.00	1 1/2	2	2 8 - 8 - 48				
Rulers, second class.....	43.8	21.00	1 1/2	2	2 8 - 8 - 48				

1 Double time after 10 p. m.
 2 Hours vary, but total 48 per week.
 3 Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.				<i>Regular rate multiplied by—</i>					
Philadelphia, Pa.:	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>	
Cutters, job and pamphlet work	33.3	16.00	1 1/2	2	8 1/2-4 1/2-48	12			
Cutters, stock, printed work	31.3	15.00	1 1/2	2	8 1/2-4 1/2-48	12			
Cutters, assistant, stock, printed work	26.0	12.50	1 1/2	2	8 1/2-4 1/2-48	12			
Cutters, book and sheet, printed work	35.4	17.00	1 1/2	2	8 1/2-4 1/2-48	12			
Cutters, stock, blank work	35.4	17.00	1 1/2	2	8 1/2-4 1/2-48	12			
Cutters, machine, blank work	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, sheep and plain, printed work	39.6	19.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, assistant, printed work	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, extra, printed work	45.8	22.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, half bound, blank work	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, full bound, blank work	39.6	19.00	1 1/2	2	8 1/2-4 1/2-48	12			
Finishers, job, blank work	43.8	21.00	1 1/2	2	8 1/2-4 1/2-48	12			
Loose-leaf binders, blank work	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, sheep and half bound, or plain, job, or drop roller folding machines, or duplex trimmers	39.6	19.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, half bound, blank work	33.3	16.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, stock and job, full bound, blank work	35.4	17.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, job, full bound, blank work	39.6	19.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, extra, job, printed work	43.8	21.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, cloth, printed work, or case makers	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Forwarders, case makers, machine, or head banding and lining, machine, or rounders and backers, machine	41.7	20.00	1 1/2	2	8 1/2-4 1/2-48	12			
Rulers, faint line	35.4	17.00	1 1/2	2	8 1/2-4 1/2-48	12			
Rulers, unit line	39.6	19.00	1 1/2	2	8 1/2-4 1/2-48	12			
Rulers, extra, job, ledger work	41.7	20.00	1 1/2	2	8 1/2-4 1/2-48	12			
Rulers, down-line ruling	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Rulers, head	43.8	21.00	1 1/2	2	8 1/2-4 1/2-48	12			
Pittsburgh, Pa.:									
Rulers, faint line	31.3	15.00	1 1/2	2	8-8-48				
Rulers, down line	41.7	20.00	1 1/2	2	8-8-48				

¹ Double time after midnight.

² For New Year's, Memorial, and Thanksgiving days, time and one-half only.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

· PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Scranton, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cutters, book.....	43.8	21.00	1½	2	8 - 8 - 48				
Cutters, sheet, stock.....	37.5	18.00	1½	2	8 - 8 - 48				
Cutters, paper, pamphlet, stock, or covering ma- chine operators.....	41.7	20.00	1½	2	8 - 8 - 48				
Finishers, or stampers.....	41.7	20.00	1½	2	8 - 8 - 48				
Head stampers.....	56.3	27.00	1½	2	8 - 8 - 48				
Forwarders, printed work.....	43.8	21.00	1½	2	8 - 8 - 48				
Forwarders, blank work or folding or smashing ma- chine operators.....	37.5	18.00	1½	2	8 - 8 - 48				
Forwarders, case makers, machine, or gatherers, rounders, and backers, machine.....	47.9	23.00	1½	2	8 - 8 - 48				
Rulers.....	37.5	18.00	1½	2	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Shops A.....	40.6	19.50	1½	2	1 8 - 8 - 48				
Shops B.....	37.9	19.50	1½	2	9 - 6½ - 51½				
Baltimore, Md.:									
Cutters.....	31.3	15.00	1½	2	1 8 - 8 - 48				
Finishers, forwarders, and rulers, printed and blank work.....	37.5	18.00	1½	2	1 8 - 8 - 48				
Forwarders, general work.....	31.3	15.00	1½	2	1 8 - 8 - 48				
Richmond, Va.:									
Cutters.....	31.3	15.00	1½	1½	8 - 8 - 48				
Finishers and rulers.....	37.5	18.00	1½	1½	8 - 8 - 48				
Forwarders.....	33.3	16.00	1½	1½	8 - 8 - 48				
Washington, D. C.....	37.5	18.00	1½	2	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
Cutters, binders, stock, or book trimmers.....	39.6	19.00	4 1½	2	1 8 - 8 - 48				
Cutters, stock.....	43.8	21.00	4 1½	2	1 8 - 8 - 48				
Cutter operators.....	42.7	20.50	4 1½	2	1 8 - 8 - 48				
Men in charge of stock and cutting machines.....	46.9	22.50	4 1½	2	1 8 - 8 - 48				
Book repairers, or case's helpers, or pasters and pressers.....	37.5	18.00	4 1½	2	1 8 - 8 - 48				
Operating automatic fold- ing machines, or paper- covering machines, or gluing and pasting ma- chines, or casing-in ma- chines, setting the squares	39.6	19.00	4 1½	2	1 8 - 8 - 48				

¹ Hours vary, but total 48 per week.

² Scale became 33.3 cents on Oct. 1, 1916.

³ Secretary of local union reports 60 per cent of membership receiving more than scale; some as high as \$25 per week.

⁴ Double time on Saturday after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Concluded.									
Operating indexing machines, or casing-in machines.....	Cents. 40.6	Dolls. 19.50	Regular rate multiplied by— 1 1/2 2		2 8 - 8 - 48		Cents. .	Dolls. .	
Operating binding machines.....	41.7	20.00	1 1/2	2	2 8 - 8 - 48				
Case makers, hand or machine, or edge gilders, or marblers, or rounders and backers, machine, or stampers, machine....	43.8	21.00	1 1/2	2	2 8 - 8 - 48				
Operating 2 folding machines.....	45.8	22.00	1 1/2	2	2 8 - 8 - 48				
Operating 3 folding machines.....	52.1	25.00	1 1/2	2	2 8 - 8 - 48				
Men in charge of stamping machines.....	50.0	24.00	1 1/2	2	2 8 - 8 - 48				
Finishers or forwarders.....	43.8	21.00	1 1/2	2	2 8 - 8 - 48				
Rulers.....	46.9	22.50	3 1/2	2	8 - 8 - 48				
Cincinnati, Ohio:									
Cutters, paper.....	35.4	17.00	1 1/2	2	8 - 8 - 48				
Cutters, splitters.....	39.6	19.00	1 1/2	2	8 - 8 - 48				
Cutters, stock.....	41.7	20.00	1 1/2	2	8 - 8 - 48				
Cleveland, Ohio:									
Columbus, Ohio:									
Journeyman.....	40.6	19.50	1 1/2	1 1/2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Finishers.....	43.8	21.00	1 1/2	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Detroit, Mich.....	*37.5	18.00	6 1/2	2	8 1/2 - 4 1/2 - 48	12			
Indianapolis, Ind.....	45.8	22.00	6 1/2	2	8 - 8 - 48				
Kansas City, Mo.:									
Cutters, pamphlets.....	37.5	18.00	1 1/2	2	2 8 - 8 - 48	35.4	17.00	2 8 - 8 - 48	
Cutters, paper, or finishers and forwarders, first grade, or rulers.....	43.8	21.00	1 1/2	2	2 8 - 8 - 48	41.7	20.00	2 8 - 8 - 48	
Finishers, second grade, or rulers, faint line.....	39.6	19.00	1 1/2	2	2 8 - 8 - 48	37.5	18.00	2 8 - 8 - 48	
Forwarders, second grade.....	38.5	18.50	1 1/2	2	2 8 - 8 - 48	36.5	17.50	2 8 - 8 - 48	
Milwaukee, Wis.:									
Cutters.....	38.5	18.50	1 1/2	2	8 - 8 - 48				
Finishers.....	40.6	19.50	1 1/2	2	8 - 8 - 48				
Forwarders.....	37.5	18.00	1 1/2	2	8 - 8 - 48				
Rulers, first class.....	36.5	17.50	1 1/2	2	8 - 8 - 48				
Rulers, second class.....	29.2	14.00	1 1/2	2	8 - 8 - 48				
Omaha, Nebr.:									
Cutters or forwarders, first class.....	41.7	20.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Cutters, second class.....	37.5	18.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Forwarders, second class.....	41.7	20.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12	37.5	18.00	8 1/2 - 4 1/2 - 48
Finishers or rulers.....	43.8	21.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			

1 Double time on Saturday after completion of 48-hour week.
 2 Hours vary, but total 48 per week.
 3 Double time after 9 p. m. and on Saturday after completion of 48-hour week.
 4 Scale became 43.8 cents on May 22, 1916.
 5 Double time after midnight.
 6 Monday, 8 1/2 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

BOOKBINDERS—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cutters.....	41.7	20.00	1½	2	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Finishers, first class.....	² 50.0	24.00	1½	2	8 - 8 - 48		47.9	23.00	8 - 8 - 48
Finishers, second class.....	³ 45.8	22.00	1½	2	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Forwarders, blank work, or folding machine opera- tors.....	41.7	20.00	1½	2	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Rulers, first class.....	⁴ 47.9	23.00	1½	2	8 - 8 - 48		45.8	22.00	8 - 8 - 48
Rulers, second class.....	⁵ 43.8	21.00	1½	2	8 - 8 - 48		41.7	20.00	8 - 8 - 48
St. Paul, Minn.:									
Cutters, or forwarders, printed work.....	32.7	16.00	1½	2	9 - 4 - 49	12			
Finishers or forwarders, blank work, or rulers.....	36.7	18.00	1½	2	9 - 4 - 49	12			
SOUTH CENTRAL.									
Birmingham, Ala.:									
Cutters, forwarders, or rulers.....	37.5	18.00	1½	2	8 - 8 - 48				
Finishers.....	41.7	20.00	1½	2	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Dallas, Tex.....	37.5	18.00	⁶ 1½	2	8 - 8 - 48				
Houston, Tex.....	43.8	21.00	⁷ 1½	2	8 - 8 - 48				
Little Rock, Ark.....	40.6	19.50	1½	2	⁸ 8 - 8 - 48				
New Orleans, La.:									
Cutters, forwarders, or rulers.....	31.3	15.00	1½	1½	8 - 8 - 48				
Forwarders, half bound....	37.5	18.00	1½	1½	8 - 8 - 48		25.0	12.00	8 - 8 - 48
Forwarders, half bound....	28.1	13.50	1½	1½	8 - 8 - 48				
WESTERN.									
Denver, Colo.....	50.0	24.00	1½	2	8 - 8 - 48				
Los Angeles, Cal.....	40.6	19.50	1½	2	8 - 8 - 48				
Portland, Oreg.....	43.8	21.00	⁶ 1½	1½	8 - 8 - 48				
Salt Lake City, Utah.....	43.8	21.00	1½	1½	8 - 8 - 48				
San Francisco, Cal.....	50.0	24.00	1½	1½	8 - 8 - 48				
Seattle, Wash.....	46.9	22.50	1½	1½	8 - 8 - 48				
Head rulers.....	52.1	25.00	1½	1½	8 - 8 - 48				
Spokane, Wash.:									
Cutters or forwarders.....	46.9	22.50	1½	2	8 - 8 - 48				
Finishers or rulers.....	50.0	24.00	1½	1½	8 - 8 - 48				
All-round men.....	52.1	25.00	1½	2	8 - 8 - 48				

COMPOSITORS.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holid-ays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.....	⁹ 43.8	21.00	1½	2	8 4 - 48	12			
Bridgeport, Conn.....	43.8	21.00	1½	1½	8 - 8 - 48		37.5	18.00	8 - 8 - 48

¹ Double time after midnight.

² Scale became 51 cents on July 1, 1916.

³ Scale became 46.9 cents on July 1, 1916.

⁴ Scale became 49 cents on July 1, 1916.

⁵ Scale became 44.8 cents on July 1, 1916.

⁶ For first 4 hours; double time thereafter.

⁷ Double time after 10 p. m.

⁸ Hours vary, but total 48 per week.

⁹ Scale became 45.8 cents on Oct. 2, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

COMPOSITORS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Buffalo, N. Y.:	<i>Cents. Dolls.</i>		<i>Regular rate multiplied by—</i>				<i>Cents. Dolls.</i>		
English.....	41.7	20.00	1½	2	8 - 8 - 48			8 - 8 - 48	
German.....	41.7	20.00	2	2	8 - 8 - 48	39.6	19.00	8 - 8 - 48	
Fall River, Mass.....	35.4	17.00	2 1½	2	8 - 8 - 48	33.3	16.00	8 - 8 - 48	
Manchester, N. H.....	35.4	17.00	2 1½	2	8 - 8 - 48				
Newark, N. J.:									
English.....	50.0	24.00	1½	2	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
German.....	47.9	23.00	2 1½	2	8 - 8 - 48				
New Haven, Conn.....	40.6	19.50	2 1½	2	8 - 8 - 48				
New York, N. Y.:									
English.....	52.1	25.00	8 1½	2	48 - 8 - 48	50.0	24.00	48 - 8 - 48	
Bohemian.....	57.5	18.00	6 50c.	2 50c.	8 - 8 - 48				
German.....	56.8	25.00	1½	2	8 - 4 - 44	12	54.5	24.00	8 - 4 - 44
Hebrew.....	54.3	25.00	1½	2	8 - 8 - 48				
Hungarian.....	49.8	21.00	1½	2	8 - 8 - 48	41.7	20.00	8 - 8 - 48	
Italian.....	54.8	23.00	1½	2	7 - 7 - 42				
Philadelphia, Pa.:									
English.....	41.7	20.00	3 1½	9 2	48 - 8 - 48				
German.....	39.6	19.00	1½	2	8 - 8 - 48				
Pittsburgh, Pa.....	43.8	21.00	1½	2	8 - 8 - 48	41.7	20.00	8 - 8 - 48	
Providence, R. I.....	37.5	18.00	3 1½	2	8 - 8 - 48				
Rochester, N. Y.....	41.7	20.00	3 1½	2	48 - 8 - 48	39.6	19.00	48 - 8 - 48	
Seranton, Pa.....	43.8	21.00	1½	(10)	8 - 8 - 48				
Proof readers.....	45.8	22.00	1½	(10)	8 - 8 - 48				
Worcester, Mass.....	34.4	16.50	1½	1½	48 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.....	37.5	18.00	1½	(10)	48 - 8 - 48				
Baltimore, Md.....	37.5	18.00	6 50c.	2	48 - 8 - 48				
Charleston, S. C.....	133.3	16.00	1½	2	8 - 8 - 48				
Jacksonville, Fla.....	43.8	21.00	1½	(12)	48 - 8 - 48				
Proof readers.....	46.9	22.50	1½	(13)	48 - 8 - 48				
Richmond, Va.....	37.5	18.00	1½	1½	48 - 8 - 48				
Washington, D. C.....	43.8	22.00	8 1½	1½	13 8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Makers-up.....	43.8	22.00	8 1½	2	13 8 - 8 - 48	42.1	20.20	8 - 8 - 48	
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	50.0	24.00	14 1½	2	8 - 8 - 48				
Bohemian.....	52.1	25.00	15 1½	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
German.....	50.0	24.00	2	2	8 - 8 - 48				
Norwegian.....	50.0	24.00	14 1½	2	8 - 8 - 48				
Polish.....	50.0	24.00	15 1½	2	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
Swedish.....	50.0	24.00	14 1½	2	8 - 8 - 48				
Proof readers.....	52.1	25.00	14 1½	2	8 - 8 - 48				

1 Scale became 43.8 cents on July 1, 1916.
 2 For first 4 hours; double time thereafter.
 3 Double time after midnight.
 4 Hours vary, but total 48 per week.
 5 Scale became 41.7 cents on Sept. 1, 1916.
 6 Actual rate, in cents, per hour.
 7 Actual rate, in cents, per hour for Sundays; holidays, double time.
 8 And on Saturday afternoon.
 9 For New Year's, Memorial, and Thanksgiving days, time and one-half only.
 10 For Sundays, double time; for holidays, time and one-half.
 11 Scale became 37.5 cents on June 4, 1916.
 12 For holidays, double time; for Sundays, time and one-half.
 13 44 hours and \$19.25 per week, June to September, inclusive.
 14 Double time after 5 p. m. and on Saturday after completion of 48-hour week.
 15 Double time after 8 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

COMPOSITORS—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cincinnati, Ohio.....	43.8	21.00	1½	1½	8 - 8 - 48				
Cleveland, Ohio:									
English.....	41.7	20.00	1½	2	8 - 8 - 48				
Hungarian.....	² 55.0		1½	2	8 - 8 - 48	³ 50.0			8 - 8 - 48
Hungarian.....	² 43.7	19.00	1½	1½	7½ - 6 - 43½	41.4	18.00		7½ - 6 - 43½
Columbus, Ohio.....	43.8	21.00	1½	1½	8 - 8 - 48	42.7	20.50		8 - 8 - 48
Detroit, Mich.....	45.8	22.00	⁴ 1½	2	⁵ 8 - 8 - 48	43.8	21.00		⁶ 8 - 8 - 48
Grand Rapids, Mich.....	38.5	18.50	1½	2	⁶ 8 - 8 - 48				
Indianapolis, Ind.:									
English.....	45.8	22.00	1½	2	8 - 8 - 48				
German.....	45.8	22.00	(⁶)	(⁶)	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Kansas City, Mo.....	43.8	21.00	1½	1½	8 - 8 - 48				
Milwaukee, Wis.:									
English.....	45.8	22.00	1½	2	⁵ 8 - 8 - 48				
German.....	47.9	23.00	1½	2	⁵ 8 - 8 - 48	45.8	22.00		⁷ 8 - 8 - 48
Minneapolis, Minn.....	⁷ 43.8	21.00	1½	⁸ 2	8 - 8 - 48				
Omaha, Nebr.:									
English.....	⁹ 45.8	22.00	1½	1½	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Bohemian and German.....	46.9	22.50	1½	1½	8 - 8 - 48				
Peoria, Ill.....	40.0	19.20	1½	1½	8 - 8 - 48				
St. Louis, Mo.: English and German.....	¹⁰ 45.8	22.00	1½	2	8 - 8 - 48	43.8	21.00		8 - 8 - 48
St. Paul, Minn.....	¹⁰ 43.8	21.00	¹¹ 1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	40.6	19.50	¹⁴ 50c.	(¹⁵)	8 - 8 - 48				
Dallas, Tex.....	52.1	25.00	1½	2	8 - 8 - 48				
Houston, Tex.....	50.0	24.00	1½	2	8 - 8 - 48				
Proof readers.....	52.1	25.00	1½	2	8 - 8 - 48				
Little Rock, Ark.....	¹⁶ 41.7	20.00	1½	1½	⁵ 8 - 8 - 48				
Louisville, Ky.....	39.6	19.00	1½	2	⁵ 8 - 8 - 48				
Memphis, Tenn.....	45.0	21.60	¹⁷ 60c.	(¹⁵)	8 - 8 - 48				
New Orleans, La.....	43.8	21.00	¹⁸ 1½	1½	8 - 8 - 48				

¹ Double time after midnight.

² Per 1,000 ems, 6-point to 12-point, inclusive.

³ Scale became 46 cents on Nov. 1, 1916.

⁴ Double time after 9 p. m.

⁵ Hours vary, but total 48 per week.

⁶ 15 cents per hour more than regular rate.

⁷ Scale became 45.8 cents on June 1, 1916.

⁸ For New Year's and Memorial days, time and one-half only.

⁹ Scale became 46.9 cents on Oct. 1, 1916.

¹⁰ Scale became 46.7 cents on July 1, 1916.

¹¹ Double time after 11 p. m.

¹² Scale became 45.8 cents on June 1, 1916.

¹³ Double time after 10 p. m.

¹⁴ Actual rate, in cents, per hour, after 8 hours and before 6 p. m.; after 6 p. m., 60 cents per hour.

¹⁵ For Sundays, double time; for holidays, time and one-half.

¹⁶ Scale became 43.8 cents on July 18, 1916.

¹⁷ Actual rate, in cents, per hour.

¹⁸ Double time after 10.30 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

COMPOSITORS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half hol- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holidays.			Per hour.	Per week full time.	
WESTERN.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Denver, Colo.	54.2	26.00	1 1/2	2	8 - 8 - 48				
Los Angeles, Cal.	50.0	24.00	1 1/2	2	8 - 8 - 48				
Portland, Oreg.	53.1	25.50	1 1/2	1 1/2	8 - 8 - 48				
Salt Lake City, Utah.	54.2	26.00	3 1/2	1 1/2	4 8 - 8 - 48	3	52.1	25.00	4 8 - 8 - 48
San Francisco, Cal.:									
English.	52.6	25.25	3 1/2	1 1/2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
French.	54.2	26.00	1 1/2	1 1/2	8 - 8 - 48				
Seattle, Wash.	53.1	25.50	1 1/2	2	8 - 8 - 48				
Spokane, Wash.	53.1	25.50	3 1/2	1 1/2	8 - 8 - 48				

ELECTROTYPERS: Batterymen and builders.

NORTH ATLANTIC.									
Boston, Mass.	41.7	20.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Buffalo, N. Y.	37.5	18.00	1 1/2	2	8 - 8 - 48	4			
New Haven, Conn.	33.3	18.00	7 1/2	2	9 - 9 - 54				
New York, N. Y.	56.3	24.75	7 1/2	2	8 - 4 - 44	12	53.1	23.28	8 - 4 - 44
Philadelphia, Pa.	45.8	22.00	7 1/2	2	8 1/2 - 4 1/2 - 48	12	43.8	21.00	8 1/2 - 4 1/2 - 48
Pittsburgh, Pa.	37.5	18.00	7 1/2	2	7 8 - 8 - 48				
Rochester, N. Y.	31.3	15.00	1 1/2	2	8 - 8 - 48				
Scranton, Pa.	37.5	18.00	1 1/2	2	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.	34.4	16.50	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Baltimore, Md.	33.3	16.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
NORTH CENTRAL.									
Chicago, Ill.	43.8	21.00	10 1/2	2	8 1/2 - 4 1/2 - 48	12			
Cincinnati, Ohio:									
Batterymen, backers, cast-ers, and floor men.	33.3	16.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Builders.	37.5	18.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Cleveland, Ohio.	37.5	18.00	11 1/2	2	8 1/2 - 5 1/2 - 48	12			
Detroit, Mich.	43.8	21.00	10 1/2	2	8 1/2 - 4 1/2 - 48	12	37.5	18.00	8 1/2 - 4 1/2 - 48

1 Double time after 10 p. m. and after 5 p. m. on Saturday.
 2 45 hours and \$24.38 per week, June to August, inclusive.
 3 Double time after midnight.
 4 45 hours and \$23.44 per week, June to August, inclusive.
 5 Scale became 54.2 cents on Oct. 1, 1916.
 6 44 hours and \$16.50 per week, June to September, inclusive.
 7 Double time after 10 p. m.
 8 Hours vary, but total 48 per week.
 9 Scale became 39.6 cents on Aug. 1, 1916.
 10 Double time after 9 p. m. and after 4 p. m. on Saturday.
 11 Double time after midnight and after 5 p. m. on Saturday.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

ELECTROTYPERS: Batterymen and builders—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Grand Rapids, Mich.....	25.0	12.00	1½	2	8½-4½-48	12			
Indianapolis, Ind.....	39.2	17.25	1½	2	8-4-44	1	37.5	18.00	8-8-48
Milwaukee, Wis.....	31.3	15.00	1½	2	2 8-8-48				
Minneapolis, Minn.....	35.4	17.00	3 1½	2	8-8-48		33.3	16.00	2 8-8-48
Omaha, Nebr.....	37.5	18.00	1½	2	8-8-48				
St. Louis, Mo.....	33.3	16.00	3 1½	2	8½-4½-48	12			
St. Paul, Minn.....	35.4	17.00	3 1½	2	8½-4½-48	12	33.3	16.00	8½-4½-48
SOUTH CENTRAL.									
Birmingham, Ala.....	37.5	18.00	1½	2	8½-4½-48	12			
WESTERN.									
Denver, Colo.....	33.3	16.00	5 1½	2	8-8-48				
Seattle, Wash.....	37.5	18.00	1½	1½	8-8-48				

ELECTROTYPERS: Finishers and molders.

NORTH ATLANTIC.									
Boston, Mass.....	50.0	24.00	3 1½	2	8½-4½-48	12			
Buffalo, N. Y.:									
Finishers.....	43.8	21.00	1½	2	6 8-8-48	4			
Molders.....	50.0	24.00	1½	2	7 8-8-48	4	43.8	21.00	8-8-48
New Haven, Conn.....	40.7	22.00	1½	2	9-9-54				
New York, N. Y.....	68.8	30.25	5 1½	2	8-4-44	12	65.6	28.88	8-4-44
Philadelphia, Pa.:									
Finishers.....	50.0	24.00	5 1½	2	8½-4½-48	12	47.9	23.00	8½-4½-48
Finishers' helpers.....	45.8	22.00	5 1½	2	8½-4½-48	12	43.8	21.00	8½-4½-48
Molders.....	54.2	26.00	5 1½	2	8½-4½-48	12	52.1	25.00	8½-4½-48
Pittsburgh, Pa.:									
Finishers.....	43.8	21.00	5 1½	2	2 8-8-48				
Molders.....	50.0	24.00	5 1½	2	2 8-8-48				
Rochester, N. Y.:									
Finishers.....	37.5	18.00	1½	2	8-8-48				
Molders.....	43.8	21.00	1½	2	8-8-48				
Scranton, Pa.:									
Finishers.....	41.7	20.00	1½	2	8-8-48				
Finishers' helpers.....	37.5	18.00	1½	2	8-8-48				
Molders.....	47.9	23.00	1½	2	8-8-48				

¹ Double time after 10 p. m. and on Saturday afternoon.

² Hours vary, but total 48 per week.

³ Double time after 10 p. m. and after 5 p. m. on Saturday.

⁴ Scale became 39.6 cents on July 1, 1916.

⁵ Double time after 10 p. m.

⁶ 44 hours and \$19.27 per week, June to September, inclusive.

⁷ 44 hours and \$22 per week, June to September, inclusive.

⁸ Scale became 43.8 cents on Aug. 1, 1916.

⁹ Scale became 39.6 cents on Aug. 1, 1916.

¹⁰ Scale became 50 cents on Aug. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

ELECTROTYPERS: Finishers and molders—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rats of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Atlanta, Ga.	Cents. 50.0	Dolls. 24.00	1½	2	8½-4½-48	12	Cents.	Dolls.	
Baltimore, Md.:									
Finishers	45.8	22.00	1½	2	8½-4½-48	12			
Molders	50.0	24.00	1½	2	8½-4½-48	12			
Richmond, Va.	46.3	25.00	1½	1½	9-9-54				
Washington, D. C.	54.2	26.00	1½	2	8-8-48		52.1	25.00	8-8-48
NORTH CENTRAL.									
Chicago, Ill.:									
Finishers	52.1	25.00	2½	2	8½-4½-48	12			
Molders	56.3	27.00	2½	2	8½-4½-48	12			
Cincinnati, Ohio:									
Finishers	45.8	22.00	1½	2	8½-4½-48	12			
Molders	50.0	24.00	1½	2	8½-4½-48	12			
Cleveland, Ohio:									
Finishers	47.9	23.00	3½	2	8½-5½-48	12			
Molders	52.1	25.00	3½	2	8½-5½-48	12			
Second molders	43.8	21.00	3½	2	8½-5½-48	12			
Columbus, Ohio	43.8	21.00	2½	1½	8½-5½-48	12			
Detroit, Mich.	52.1	25.00	2½	2	8½-4½-48	12	47.9	23.00	8½-4½-48
Grand Rapids, Mich.	37.5	18.00	1½	2	8½-4½-48	12			
Indianapolis, Ind.:									
Finishers	47.9	21.08	4½	2	8-4-44	1	45.8	22.00	8-8-48
Molders	50.1	22.04	1½	2	8-4-44	1	47.9	23.00	8-8-48
Kansas City, Mo.	46.9	22.50	1½	2	8-8-48				
Milwaukee, Wis.	43.8	21.00	1½	1½	8-8-48				
Minneapolis, Minn.:									
Finishers	45.8	22.00	1½	2	8-8-48		43.8	21.00	8-8-48
Molders	52.1	25.00	1½	2	8-8-48		50.0	24.00	8-8-48
Omaha, Nebr.	43.8	21.00	1½	2	8-8-48				
St. Louis, Mo.:									
Finishers	45.8	22.00	1½	2	8½-4½-48	12			
Molders	47.9	23.00	1½	2	8½-4½-48	12			
St. Paul, Minn.:									
Finishers	45.8	22.00	1½	2	8½-4½-48	12	43.8	21.00	8½-4½-48
Molders	52.1	25.00	1½	2	8½-4½-48	12	50.0	24.00	8½-4½-48
SOUTH CENTRAL.									
Birmingham, Ala.	56.3	27.00	1½	2	8½-4½-48	12	50.0	24.00	8½-4½-48
Dallas, Tex.:									
Finishers	37.5	18.00	1½	2	8-8-48				
Molders	41.7	20.00	1½	2	8-8-48				
Memphis, Tenn.	45.8	22.00	1½	1½	8-8-48				

1 Double time after 10 p. m. and after 5 p. m. on Saturday.
 2 Double time after 9 p. m. and after 4 p. m. on Saturday.
 3 Double time after midnight and after 5 p. m. on Saturday.
 4 Double time after 10 p. m. and on Saturday afternoon.
 5 Scale became 50 cents on Sept. 1, 1916.
 6 Hours vary, but total 48 per week.
 7 Scale became 52.1 cents on June 1, 1916.
 8 Scale became 50 cents on July 1, 1916.
 9 Scale became 52.1 cents on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

ELECTROTYPERS: Finishers and molders—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
WESTERN.									
Denver, Colo.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Finishers.....	43.8	21.00	1 1/2	2	8 - 8 - 48				
Molders.....	52.1	25.00	1 1/2	2	8 - 8 - 48				
Los Angeles, Cal.	50.0	24.00	2 1/2	1 1/2	8 - 8 - 48				
San Francisco, Cal.	56.3	27.00	1 1/2	2	8 - 8 - 48				
Portland, Oreg.	50.0	24.00	1 1/2	2	8 - 8 - 48				
Seattle, Wash.	52.1	25.00	1 1/2	1 1/2	8 - 8 - 48				

LINOTYPE OPERATORS.

NORTH ATLANTIC.									
City.	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holidays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.	347.9	23.00	2 1/2	2	8 1/2 - 4 1/2 - 48	12			
Bridgeport, Conn.	45.8	22.00	1 1/2	1 1/2	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Buffalo, N. Y.	50.0	24.00	1 1/2	2	8 - 8 - 48				
Monotype operators.	45.8	22.00	1 1/2	2	8 - 8 - 48				
Manchester, N. H.	35.4	17.00	2 1/2	2	8 - 8 - 48				
Newark, N. J.:									
English.....	50.0	24.00	1 1/2	2	8 - 8 - 48		47.9	23.00	8 - 8 - 48
German.....	47.9	23.00	1 1/2	2	8 - 8 - 48				
New Haven, Conn.	45.8	22.00	2 1/2	2	8 - 8 - 48				
New York, N. Y.:									
English.....	54.2	26.00	2 1/2	2	5 8 - 8 - 48				
German.....	70.7	26.50	1 1/2	7 2	7 1/2 - 7 1/2 - 37 1/2		66.7	25.00	7 1/2 - 7 1/2 - 37 1/2
Hebrew.....	86.1	31.00	1 1/2	2	6 - 6 - 36		83.3	30.00	6 - 6 - 36
Hungarian.....	59.5	25.00	1 1/2	2	7 - 7 - 42		57.1	24.00	7 - 7 - 42
Italian.....	54.8	23.00	1 1/2	2	7 - 7 - 42				
Philadelphia, Pa.:									
English.....	45.8	22.00	2 1/2	6 2	6 8 - 8 - 48				
German.....	55.0	22.00	1 1/2	2	8 - 0 - 40				
Pittsburgh, Pa.:									
English.....	52.1	25.00	1 1/2	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48
German.....	50.8	24.40	6 75c.	2	8 - 8 - 48				
Monotype operators.	45.8	22.00	1 1/2	2	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Providence, R. I.	47.9	23.00	2 1/2	2	8 - 8 - 48				
Rochester, N. Y.	45.8	22.00	2 1/2	2	5 8 - 8 - 48				
Monotype operators.	41.7	20.00	2 1/2	2	5 8 - 8 - 48		39.6	19.00	5 8 - 8 - 48
Scranton, Pa.	45.8	22.00	1 1/2	(^b)	8 - 8 - 48				
Worcester, Mass.	43.8	21.00	1 1/2	1 1/2	5 8 - 8 - 48				

¹ Double time after 10 p. m.

² Double time after midnight.

³ Scale became 50 cents on Oct. 2, 1916.

⁴ Scale became 53.1 cents on June 19, 1916.

⁵ Hours vary, but total 48 per week.

⁶ And on Saturday afternoon.

⁷ For New Year's, Memorial, and Thanksgiving days, time and one-half only.

⁸ Actual rate, in cents, per hour.

⁹ For Sundays, double time; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

LINOTYPE OPERATORS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Atlanta, Ga.	46.9	22.50	1½	(1)	2 8 - 8 - 48				
Baltimore, Md.	46.9	22.50	1½	2	2 8 - 8 - 48				
Charleston, S. C.	37.5	18.00	1½	2	2 8 - 8 - 48				
Jacksonville, Fla.	52.1	25.00	1½	(4)	2 8 - 8 - 48				
Richmond, Va.	45.8	22.00	1½	1½	2 8 - 8 - 48				
Richmond, Va.	51.0		1½	1½	2 8 - 8 - 48				
Washington, D. C.	50.0	24.00	7 1½	2	2 8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
English.	50.0	24.00	8 1½	2	8 - 8 - 48				
Bohemian.	59.0	21.24	9 1½	2	6 - 6 - 36	56.0	20.16	6 - 6 - 36	
German.	50.0	24.00	2	2	8 - 8 - 48				
Norwegian.	50.0	24.00	8 1½	2	8 - 8 - 48				
Swedish.	50.0	24.00	8 1½	2	8 - 8 - 48				
Cincinnati, Ohio:									
English.	52.1	25.00	1½	1½	8 - 8 - 48				
German.	39.6	19.00	10 50c.	10 50c.	8 - 8 - 48				
Cleveland, Ohio:									
English.	53.8	25.80	7 1½	2	8 - 8 - 48				
Hungarian.	55.2	24.00	11 1½	12 1½	7½ - 6 - 43½				
Columbus, Ohio.	43.8	21.00	1½	1½	8 - 8 - 48	42.7	20.50	8 - 8 - 48	
Detroit, Mich.	55.0	26.40	13 1½	1½	2 8 - 8 - 48				
Grand Rapids, Mich.: Mono- type operators.	45.8	22.00	1½	2	8 - 8 - 48				
Indianapolis, Ind.	50.0	24.00	1½	2	8 - 8 - 48				
Kansas City, Mo.	57.3	27.50	1½	1½	8 - 8 - 48				
Milwaukee, Wis.:									
English.	52.1	25.00	7 1½	2	2 8 - 8 - 48				
German.	54.2	26.00	1½	2	2 8 - 8 - 48				
Minneapolis, Minn.	50.0	24.00	1½	17 2	8 - 8 - 48				
Omaha, Nebr.:									
English.	53.1	25.50	1½	1½	8 - 8 - 48				
German.	46.9	22.50	1½	1½	8 - 8 - 48				
Peoria, Ill.: Monotype oper- ators.	40.0	19.20	1½	1½	8 - 8 - 48				
St. Louis, Mo.:									
English.	52.1	25.00	19 1½	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
German.	50.0	24.00	19 1½	2	8 - 8 - 48				
St. Paul, Minn.	50.0	24.00	20 1½	2	8 - 8 - 48				

1 For Sunday, double time; for holidays, time and one-half.
 2 Hours vary, but total 48 per week.
 3 Scale became 50 cents on June 4, 1916.
 4 For holidays, double time; for Sundays, time and one-half.
 5 Per 1,000 ems, minion.
 6 44 hours and \$22 per week, June to September, inclusive.
 7 Double time after midnight.
 8 Double time after 8 p. m. and on Saturday after completion of 48-hour week.
 9 Double time after 8 p. m.
 10 Actual rate, in cents, per hour.
 11 Work after midnight prohibited.
 12 For Sundays; do not work on holidays.
 13 Double time after 9 p. m.
 14 Scale became 53.1 cents on July 1, 1916, and 56.3 cents on Oct. 1, 1916.
 15 Scale became 54.2 cents on July 1, 1916.
 16 Scale became 52.1 cents on June 1, 1916.
 17 For New Year's and Memorial days, time and one-half only.
 18 Scale became 53.1 cents on July 1, 1916.
 19 Double time after 11 p. m.
 20 Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

LINOTYPE OPERATORS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Birmingham, Ala.....	54.5	26.16	¹ 50c.	(²)	8 - 8 - 48				
Dallas, Tex.....	³ 12.5		¹ 2	2	8 - 8 - 48				
Houston, Tex.....	⁴ 12.5		¹ 2	2	8 - 8 - 48				
Monotype operators.....	52.1	25.00	¹ 2	2	8 - 8 - 48				
Little Rock, Ark.....	50.0	24.00	¹ 2	¹ 2	⁵ 8 - 8 - 48				
Louisville, Ky.....	50.0	24.00	⁶ 1 1/2	2	⁶ 8 - 8 - 48				
Memphis, Tenn.....	56.3	27.00	¹ 2	(²)	8 - 8 - 48				
New Orleans, La.....	53.3	24.00	⁷ 1 1/2	¹ 2	7 1/2 - 7 1/2 - 45				
New Orleans, La.....	⁴ 15.0		⁷ 1 1/2	¹ 2	7 1/2 - 7 1/2 - 45				
WESTERN.									
Denver, Colo.....	54.2	26.00	⁸ 1 1/2	2	8 - 8 - 48				
Los Angeles, Cal.....	60.4	29.00	¹ 2	2	8 - 8 - 48				
Portland, Oreg.....	65.6	31.50	¹ 2	¹ 2	8 - 8 - 48				
Salt Lake City, Utah.....	56.3	² 27.00	⁶ 1 1/2	¹ 2	⁹ 8 - 8 - 48				
San Francisco, Cal.:.....									
English.....	65.0	31.20	⁶ 1 1/2	¹ 2	8 - 8 - 48		64.4	29.00	7 1/2 - 7 1/2 - 45
French.....	¹⁰ 57.8	28.00	⁶ 1 1/2	¹ 2	10 7 1/2 - 7 1/2 - 45				
German.....	¹⁰ 57.8	28.00	⁶ 1 1/2	¹ 2	10 7 1/2 - 7 1/2 - 45				
Italian.....	¹⁰ 57.8	28.00	⁶ 1 1/2	¹ 2	10 7 1/2 - 7 1/2 - 45				
Swedish.....	¹⁰ 57.8	28.00	⁶ 1 1/2	¹ 2	10 7 1/2 - 7 1/2 - 45				
Seattle, Wash.....	75.0	31.50	¹ 2	2	7 - 7 - 42				
Spokane, Wash.....	66.7	30.00	⁶ 1 1/2	¹ 2	7 1/2 - 7 1/2 - 45				

MACHINE TENDERS.

NORTH ATLANTIC.									
Boston, Mass.....	¹¹ 47.9	23.00	⁶ 1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Newark, N. J.....	50.0	24.00	¹ 2	2	8 - 8 - 48		47.9	23.00	8 - 8 - 48
New York, N. Y.:.....									
1 to 4 machines.....	54.2	26.00	⁶ 1 1/2	2	⁵ 8 - 8 - 48	3	52.1	¹² 25.00	¹² 8 - 8 - 48
5 to 8 machines.....	57.3	27.50	⁶ 1 1/2	2	⁵ 8 - 8 - 48	3	55.2	¹³ 26.50	¹³ 8 - 8 - 48
9 to 12 machines.....	61.5	29.50	⁶ 1 1/2	2	⁵ 8 - 8 - 48				
13 or more machines.....	65.6	31.50	⁶ 1 1/2	2	⁵ 8 - 8 - 48				

¹ Actual rate, in cents, per hour, after 8 hours and before 6 p. m.; after 6 p. m., 60 cents per hour.

² For Sundays, double time; for holidays, time and one-half.

³ Per 1,000 ems, nonpareil; scale became 12 cents on Sept. 2, 1916.

⁴ Per 1,000 ems, nonpareil.

⁵ Hours vary, but total 48 per week.

⁶ Double time after midnight.

⁷ Double time after 10.30 p. m.

⁸ Double time after 10 p. m. and after 5 p. m. on Saturday.

⁹ 45 hours and \$25.31 per week, June to August, inclusive.

¹⁰ Scale became 65 cents and 48 hours on Oct. 1, 1916.

¹¹ Scale became 50 cents on Oct. 2, 1916.

¹² 44 hours and \$22.92 per week, June to August, inclusive.

¹³ 44 hours and \$24.29 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

MACHINE TENDERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Washington, D. C.	Cents. 50.0	Dolls. 24.00	² 1½	2	18 - 8 - 48		Cents.	Dolls.	
NORTH CENTRAL.									
Chicago, Ill.	50.0	24.00	³ 1½	2	8 - 8 - 48				
Cincinnati, Ohio	52.1	25.00	1½	1½	8 - 8 - 48				
Cleveland, Ohio	53.8	25.80	² 1½	2	8 - 8 - 48				
Detroit, Mich.	55.0	26.40	⁴ 1½	1½	⁶ 8 - 8 - 48				
Milwaukee, Wis.	52.1	25.00	² 1½	2	⁶ 8 - 8 - 48				
Minneapolis, Minn.	⁴ 50.0	24.00	1½	⁵ 2	8 - 8 - 48				
St. Louis, Mo.	⁵ 52.1	25.00	⁷ 1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Houston, Tex.	72.9	35.00	1½	2	8 - 8 - 48				
Little Rock, Ark.	50.0	24.00	1½	1½	⁶ 8 - 8 - 48				
Louisville, Ky.	47.9	23.00	² 1½	2	⁶ 8 - 8 - 48				
New Orleans, La.	53.3	24.00	⁶ 1½	1½	7½ - 7½ - 45				
WESTERN.									
Los Angeles, Cal.	60.4	29.00	1½	2	8 - 8 - 48				
San Francisco, Cal.	71.3	34.20	² 1½	1½	8 - 8 - 48		71.1	32.00	7½ - 7½ - 45

MACHINIST OPERATORS.

NORTH ATLANTIC.									
Buffalo, N. Y.	⁹ 54.2	26.00	1½	2	8 - 8 - 48				
Rochester, N. Y.	¹⁰ 50.0	24.00	² 1½	2	⁶ 8 - 8 - 48				
Worcester, Mass.	43.8	21.00	1½	1½	⁶ 8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.	53.1	25.50	1½	(¹¹)	⁶ 8 - 8 - 48				
Baltimore, Md.	46.9	22.50	1½	2	⁶ 8 - 8 - 48		(¹²)	(¹²)	(¹²)
Jacksonville, Fla.	56.3	27.00	1½	(¹³)	⁶ 8 - 8 - 48				

¹ 44 hours and \$22 per week, June to September, inclusive.

² Double time after midnight.

³ Double time after 8 p. m. and on Saturday after completion of 48-hour week.

⁴ Double time after 9 p. m.

⁵ Hours vary, but total 48 per week.

⁶ Scale became 53.1 cents on July 1, 1916.

⁷ Double time after 11 p. m.

⁸ Double time after 10.30 p. m.

⁹ Scale became 57.3 cents on June 19, 1916.

¹⁰ Scale became 52.1 cents on Nov. 1, 1916.

¹¹ For Sundays, double time; for holidays, time and one-half.

¹² No scale on May 1, 1915.

¹³ For holidays, double time; for Sundays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

MACHINIST OPERATORS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.....	50.0	24.00	1 1/2	2	8 - 8 - 48				
Detroit, Mich.....	55.0	26.40	2 1/2	1 1/2	8 - 8 - 48				
Kansas City, Mo.....	62.5	30.00	1 1/2	1 1/2	8 - 8 - 48				
Omaha, Nebr.....	53.1	25.50	1 1/2	1 1/2	8 - 8 - 48				
St. Paul, Minn.....	56.3	27.00	6 1/2	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	64.5	30.96	7 50c.	(8)	8 - 8 - 48				
Dallas, Tex.....	12.5		1 1/2	2	8 - 8 - 48				
Houston, Tex.....	72.9	35.00	1 1/2	2	8 - 8 - 48				
Little Rock, Ark.....	56.3	27.00	1 1/2	1 1/2	8 - 8 - 48				
Louisville, Ky.....	51.1	24.52	10 1/2	2	8 - 8 - 48				
New Orleans, La.....	60.0	27.00	11 1/2	1 1/2	7 1/2 - 7 1/2 - 45				
WESTERN.									
Salt Lake City, Utah.....	62.5	30.00	10 1/2	1 1/2	8 - 8 - 48	3			
San Francisco, Cal.....	71.3	34.20	10 1/2	1 1/2	8 - 8 - 48		71.1	32.00	7 1/2 - 7 1/2 - 45
Seattle, Wash.....	82.1	34.50	1 1/2	2	7 - 7 - 42				
Spokane, Wash.....	73.3	33.00	10 1/2	1 1/2	7 1/2 - 7 1/2 - 45				

PRESS FEEDERS.

NORTH ATLANTIC.									
City	Per hour	Per week full time	For overtime	For work on Sun days and holidays	Hours	Number of mos.	Rate of wages per hour	Rate of wages per week full time	Hours
Boston, Mass.:									
Cylinder presses.....	33.3	16.00	10 1/2	2	8 1/2 - 4 1/2 - 48	12			
Cylinder presses.....	35.4	17.00	10 1/2	2	8 1/2 - 4 1/2 - 48	12			
Bridgeport, Conn.:									
Cylinder presses.....	25.0	12.00	1 1/2	2	8 - 8 - 48				
Platen presses.....	18.8	9.00	1 1/2	2	8 - 8 - 48				
Buffalo, N. Y.:									
Cylinder presses.....	30.2	1514.50	10 1/2	2	13 8 - 8 - 48	3	27.1	1413.00	14 8 - 8 - 48
Cylinder presses (females).....	20.8	1010.00	10 1/2	2	13 8 - 8 - 48	3	18.8	109.00	16 8 - 8 - 48
Automatic cylinder presses.....	32.3	1715.00	10 1/2	2	17 8 - 8 - 48	3	29.2	1814.00	18 8 - 8 - 48

1 Double time after 8 p. m. and on Saturday after completion of 48-hour week.
 2 Double time after 9 p. m.
 3 Hours vary, but total 48 per week.
 4 Scale became 58.3 cents on June 1, 1916.
 5 For New Year's an 1 Memorial days, time and one-half only.
 6 Double time after 10 p. m.
 7 Actual rate, in cents, per hour, after 8 hours and before 6 p. m.; after 6 p. m., 60 cents per hour.
 8 For Sundays, double time; for holidays, time and one-half.
 9 Per 1,000 ems nonpareil, an 1 50 cents per day additional; scale became 12 cents on Sept. 25, 1916.
 10 Double time after midnight.
 11 Double time after 10.30 p. m.
 12 45 hours and \$28.13 per week, June to August, inclusive.
 13 44 hours and \$13.29 per week, June to August, inclusive.
 14 44 hours and \$11.92 per week, June to August, inclusive.
 15 44 hours and \$9.17 per week, June to August, inclusive.
 16 44 hours and \$8.25 per week, June to August, inclusive.
 17 44 hours and \$14.21 per week, June to August, inclusive.
 18 44 hours and \$12.83 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Buffalo, N. Y.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Folding machine operators.	40.6 ¹	19.50	2 1/2	2	1 8 - 8 - 48	3	35.4 ²	17.00	3 8 - 8 - 48
Cylinder, 2-color presses.	32.3	15.50	1 1/2	2	4 8 - 8 - 48	3	29.2	14.00	6 8 - 8 - 48
Lithographic presses.	25.0	12.00	1 1/2	2	7 8 - 8 - 48				
First assistants, rotary presses.	43.8	21.00	2 1/2	2	8 8 - 8 - 48	3	41.7	20.00	8 - 8 - 48
Assistants, rotary presses.	33.3	16.00	2 1/2	2	9 8 - 8 - 48	3	30.2	1014.50	10 8 - 8 - 48
Assistants, automatic-feed platen press.	27.1	13.00	2 1/2	2	11 8 - 8 - 48	3	25.0	1212.00	12 8 - 8 - 48
Platen presses.	22.9	11.00	2 1/2	2	13 8 - 8 - 48	3	20.8	1010.00	14 8 - 8 - 48
Platen presses (females).	18.8	9.00	2 1/2	2	5 8 - 8 - 48	3	16.7	8.00	15 8 - 8 - 48
Newark, N. J.:									
Cylinder presses.	35.4	17.00	16 1/2	2	7 8 - 8 - 48		33.3	16.00	7 8 - 8 - 48
Automatic pile feeders.	37.5	18.00	16 1/2	2	7 8 - 8 - 48		35.4	17.00	7 8 - 8 - 48
Automatic cross feeders.	39.6	19.00	16 1/2	2	7 8 - 8 - 48		(17)	(17)	(17)
Three-color presses.	37.5	18.00	16 1/2	2	7 8 - 8 - 48		(17)	(17)	(17)
Web, brakemen and tension men.	41.7	20.00	16 1/2	2	7 8 - 8 - 48		(17)	(17)	(17)
Web, oilers and utility men	37.5	18.00	16 1/2	2	7 8 - 8 - 48		(17)	(17)	(17)
New Haven, Conn.:									
Cylinder presses.	25.0	12.00	1 1/2	2	8 - 8 - 48				
Platen presses.	20.8	10.00	1 1/2	2	8 - 8 - 48				
New York, N. Y.:									
Cylinder presses or hand-feed folding machines, or automatic-feed folding machines.	35.4	17.00	19 1/2	2	7 8 - 8 - 48				
Sheet-feed rotary press.	39.6	19.00	19 1/2	2	7 8 - 8 - 48				
First assistants, McKee process presses.	43.8	21.00	19 1/2	2	7 8 - 8 - 48				
Second assistants, McKee process presses.	38.5	18.50	19 1/2	2	7 8 - 8 - 48				
In charge of sextuple folding machines.	41.7	20.00	19 1/2	2	7 8 - 8 - 48				
Single color rotary 85-inch lithographic presses.	41.7	20.00	2 1/2	2	8 - 8 - 48				

¹ 44 hours and \$17.87 per week, June to August, inclusive.

² Double time after midnight.

³ 44 hours and \$15.58 per week, June to August, inclusive.

⁴ 44 hours and \$14.21 per week, June to August, inclusive.

⁵ 44 hours and \$8.25 per week, June to August, inclusive.

⁶ 4 1/2 hours and \$12.83 per week, June to August, inclusive.

⁷ Hours vary, but total 48 per week.

⁸ 44 hours and \$19.25 per week, June to August, inclusive.

⁹ 44 hours and \$14.67 per week, June to August, inclusive.

¹⁰ 44 hours and \$13.29 per week, June to August, inclusive.

¹¹ 44 hours and \$11.92 per week, June to August, inclusive.

¹² 44 hours and \$11 per week, June to August, inclusive.

¹³ 44 hours and \$10.08 per week, June to August, inclusive.

¹⁴ 44 hours and \$9.17 per week, June to August, inclusive.

¹⁵ 44 hours and \$7.33 per week, June to August, inclusive.

¹⁶ Double time after 10 p. m. and after 6 p. m. on Saturday.

¹⁷ No scale on May 1, 1915.

¹⁸ Scale became 36.5 cents on June 1, 1916.

¹⁹ For first 5 hours: double time thereafter.

²⁰ Scale became 40.6 cents on June 1, 1916.

²¹ Scale became 42.7 cents on June 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Single color rotary 64-inch lithographic presses.			1 1/2	2	8 - 8 - 48				
Single color offset lithographic presses.	41.7	20.00	1 1/2	2	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Offset hand-feed lithographic presses.	37.5	18.00	1 1/2	2	8 - 8 - 48	35.4	17.00		8 - 8 - 48
Offset automatic lithographic presses, or small rotary lithographic presses, or single color, tin, lithographic presses.	33.3	16.00	1 1/2	2	8 - 8 - 48				
Two-color, rotary, 64-inch lithographic presses.	37.5	18.00	1 1/2	2	8 - 8 - 48				
Three-color, rotary, 64-inch lithographic presses.	39.6	19.00	1 1/2	2	8 - 8 - 48				
Two-color flat-bed lithographic presses, or front-delivery, lithographic presses.	35.4	17.00	1 1/2	2	8 - 8 - 48	33.3	16.00		8 - 8 - 48
Nos. 2 to 4 1/2 lithographic presses.	31.3	15.00	1 1/2	2	8 - 8 - 48	27.1	13.00		8 - 8 - 48
Nos. 5 and 5 1/2 lithographic presses.	33.3	16.00	1 1/2	2	8 - 8 - 48	31.3	15.00		8 - 8 - 48
Flat-bed, tin, lithographic presses.	29.2	14.00	1 1/2	2	8 - 8 - 48				
Tension men, web presses.	² 43.8	21.00	² 1 1/2	2	4 8 - 8 - 48				
Platen presses.	25.0	12.00	⁶ 1 1/2	2	4 8 - 8 - 48				
Philadelphia, Pa. (competitive offices):									
Cylinder presses, 25 by 38 inches or over.	⁶ 28.1	13.50	1 1/2	7 2	4 8 - 8 - 48				
Cylinder presses, less than 25 by 38 inches.	⁸ 24.0	11.50	1 1/2	7 2	4 8 - 8 - 48				
Flat-bed perfecting press, or presses with automatic feed.	⁶ 30.2	14.50	1 1/2	7 2	4 8 - 8 - 48				
Press assistants, rotary presses, all sizes.	⁹ 31.3	15.00	1 1/2	7 2	4 8 - 8 - 48				
Presses, all sizes (females).	¹⁰ 20.8	10.00	1 1/2	7 2	4 8 - 8 - 48				

1 Double time after midnight.
 2 Scale became 44.8 cents on June 1, 1916.
 3 For first 5 hours; double time thereafter.
 4 Hours vary, but total 48 per week.
 5 Double time after 10 p. m.
 6 Scale became 31.3 cents on Sept. 1, 1916.
 7 For New Year's, Memorial, and Thanksgiving days, time and one-half only.
 8 Scale became 25 cents on Sept. 1, 1916.
 9 Scale became 33.3 cents on Sept. 1, 1916.
 10 Scale became 22.9 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa. (noncompetitive offices):									
Cylinder presses, 25 by 33 inches or over.....	¹ 29.2	14.00	² 1½	³ 2	9½	0-48			
Cylinder presses, less than 25 by 33 inches.....	⁴ 25.0	12.00	² 1½	³ 2	9½	0-48			
Flat-bed perfecting press.....	⁵ 32.3	15.50	² 1½	³ 2	9½	0-48			
Four-color wet proving presses.....	⁶ 31.3	15.00	² 1½	³ 2	9½	0-48			
Press assistants, automatic feed or 2-color presses.....	⁵ 31.3	15.00	² 1½	³ 2	9½	0-48			
Press assistants, rotary presses less than 46 inches.....	⁷ 33.3	16.00	² 1½	³ 2	9½	0-48			
Press assistants, rotary presses 46 and less than 69 inches.....	⁸ 37.5	18.00	² 1½	³ 2	9½	0-48			
Press assistants, rotary presses 69 inches or over.....	⁹ 39.6	19.00	² 1½	³ 2	9½	0-48			
Pittsburgh, Pa.:									
Cylinder presses.....	27.1	13.00	² 1½	¹¹ 1½	10 8	8-48			
Cylinder presses (females).....	23.8	10.00	² 1½	¹² 1½	10 8	8-48			
Folder feeders.....	27.1	13.00	² 1½	¹³ 1½	10 8	8-48			
Folder feeders (females).....	20.8	10.00	² 1½	¹³ 1½	10 8	8-48			
Platen presses.....	18.8	9.00	² 1½	¹³ 1½	10 8	8-48			
Platen presses (females).....	16.7	8.00	² 1½	¹³ 1½	10 8	8-48			
Providence, R. I.:									
Cylinder presses.....	25.0	12.00	² 1½	2	8	8-48			
Platen presses.....	20.8	10.00	² 1½	2	8	8-48			
Rochester, N. Y.:									
Cylinder presses.....	¹¹ 22.9	11.00	² 1½	2	10 8	8-48			
Platen presses.....	18.8	9.00	² 1½	2	10 8	8-48			
Scranton, Pa.:									
Cylinder presses.....	29.2	14.00	² 1½	2	8	8-48			
Platen presses.....	18.8	9.00	² 1½	2	8	8-48			
Worcester, Mass.: Cylinder presses.....	25.0	12.00	1½	2	10 8	8-48			
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Cylinder presses.....	17.7	8.50	1½	2	10 8	8-48			
Platen presses.....	15.6	7.50	1½	2	10 8	8-48			
Baltimore, Md.:									
Cylinder presses.....	¹² 25.0	12.00	² 1½	2	10 8	8-48			
Platen presses.....	¹³ 17.7	8.50	² 1½	2	10 8	8-48			

¹ Scale became 31.3 cents on Sept. 1, 1916.
² Double time after midnight.
³ For New Year's, Memorial, and Thanksgiving days, time and one-half only.
⁴ Scale became 27.1 cents on Sept. 1, 1916.
⁵ Scale became 33.3 cents on Sept. 1, 1916.
⁶ Scale became 32.3 cents on Sept. 1, 1916.
⁷ Scale became 35.4 cents on Sept. 1, 1916.
⁸ Scale became 39.6 cents on Sept. 1, 1916.
⁹ Scale became 41.7 cents on Sept. 1, 1916.
¹⁰ Hours vary, but total 48 per week.
¹¹ Scale became 25 cents on Nov. 1, 1916.
¹² Scale became 29.2 cents on Sept. 1, 1916.
¹³ Scale became 20.8 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH ATLANTIC—concluded.									
Jacksonville, Fla.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cylinder presses.....	25.0	12.00	1 1/2	2	8 - 8 - 48				
Platen presses.....	20.8	10.00	1 1/2	2	8 - 8 - 48				
Washington, D. C.:									
Cylinder presses.....	31.3	15.00	1 1/2	2	8 - 8 - 48	28.1	13.50	8 - 8 - 48	
Platen presses.....	22.9	11.00	1 1/2	2	8 - 8 - 48	20.8	10.00	8 - 8 - 48	
NORTH CENTRAL.									
Chicago, Ill.:									
Cylinder presses.....	36.5	17.50	3 1/2	2	8 - 8 - 48				
Cylinder presses less than 25 by 38 inches.....	27.1	13.00	3 1/2	2	8 - 8 - 48				
Cylinder presses, patent insides.....	37.5	18.00	3 1/2	2	8 - 8 - 48				
Colt and universal presses.....	25.0	12.00	3 1/2	2	8 - 8 - 48				
Hand-feed folding machines 1 hand-feed folding machine, or 1 automatic folding machine.....	36.5	17.50	4 1/2	2	8 - 8 - 48				
2 automatic folding machines.....	39.6	19.00	4 1/2	2	8 - 8 - 48				
3 automatic folding machines.....	45.8	22.00	4 1/2	2	8 - 8 - 48				
Press assistants on single rotary presses, or single automatic or sheet-feed rotary presses, or Cox, Duplex, Comet, and Goss flat-bed presses, or jog- gers.....	52.1	25.00	4 1/2	2	8 - 8 - 48				
Press assistants on 2-roll Cottrell, 96-page, rotary presses.....	39.6	19.00	4 1/2	2	8 - 8 - 48				
Press assistants on McKee 4-color presses, or oilers and assistants on 2-roll Cottrell, 96-page, rotary presses.....	41.7	20.00	4 1/2	2	8 - 8 - 48				
Press assistants, tension men, 2-roll Cottrell, 96- page, rotary presses.....	43.8	21.00	4 1/2	2	8 - 8 - 48				
Platen presses.....	46.9	22.50	4 1/2	2	8 - 8 - 48				
Cincinnati, Ohio: Cylinder presses.....	30.2	14.50	1 1/2	2	8 - 8 - 48				
Cleveland, Ohio:									
Cylinder presses, over 34 inches.....	33.3	16.00	6 1/2	2	8 - 8 - 48	31.3	15.00	8 - 8 - 48	
Cylinder presses, automatic or 2-color presses.....	35.4	17.00	6 1/2	2	8 - 8 - 48	33.3	16.00	8 - 8 - 48	
Cylinder presses, 34 inches or under.....	27.1	13.00	6 1/2	2	8 - 8 - 48	26.0	12.50	8 - 8 - 48	

¹ Double time after midnight.

² Hours vary, but total 48 per week.

³ For first 5 hours; double time thereafter and on Saturday after completion of 48-hour week.

⁴ For first 4 hours; double time thereafter and on Saturday after completion of 48-hour week.

⁵ Scale became 33.3 cents on Sept. 5, 1916.

⁶ Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Cleveland, Ohio—Concluded.									
Folder feeders.....	33.3	16.00	1 1/2	2	8 - 8 - 48				8 - 8 - 48
Folder operators.....	39.6	19.00	1 1/2	2	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Lithographic presses.....	25.0	12.00	1 1/2	2	2 8 - 8 - 48				
Lithographic presses (fe- male).....	20.8	10.00	1 1/2	2	2 8 - 8 - 48				
Platen presses.....	25.0	12.00	1 1/2	2	8 - 8 - 48	24.0	11.50		8 - 8 - 48
Platen presses, Colt and Universal.....	27.1	13.00	1 1/2	2	8 - 8 - 48	26.0	12.50		8 - 8 - 48
Press assistant, platen presses.....	30.2	14.50	1 1/2	2	8 - 8 - 48	28.1	13.50		8 - 8 - 48
Columbus, Ohio.....	31.3	15.00	1 1/2	1 1/2	8 - 8 - 48	29.2	14.00		8 - 8 - 48
Detroit, Mich.:									
Cylinder presses, less than 25 by 38 inches.....	27.1	13.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Cylinder presses, 25 by 38 inches and over.....	31.3	15.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Platen presses.....	25.0	12.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Press assistants, automatic feeding machines.....	31.3	15.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Press assistants, 2-color and other double-color presses.....	33.3	16.00	1 1/2	2	8 1/2 - 4 1/2 - 48	12			
Sterling sheet-feed rotary presses.....	37.5	18.00	1 1/2	2	8 1/2 - 4 1/2 - 48	7	(3)	(5)	(2)
Grand Rapids, Mich.: Cylin- der presses.....	25.0	12.00	1 1/2	2	8 - 8 - 48				
Indianapolis, Ind.:									
Cylinder presses.....	34.5	16.56	4 1/2	2	8 - 8 - 48	31.3	15.00		8 - 8 - 48
Pony presses.....	28.3	13.56	4 1/2	2	8 - 8 - 48	25.0	12.00		8 - 8 - 48
Kansas City, Mo.:									
Cylinder presses, patent insides.....	5 35.4	17.00	6 1/2	2	8 - 8 - 48				
Pony presses.....	7 29.2	14.00	6 1/2	2	8 - 8 - 48				
Press assistants; cylinder presses, 24 by 36 inches or over, or automatic-feed cylinder presses, or ro- tary web presses.....	8 33.3	16.00	6 1/2	2	8 - 8 - 48				
Milwaukee, Wis.:									
Cylinder presses, 25 by 38 inches or over, or auto- matic cylinder presses, or folding-machine opera- tors.....	34.9	16.75	1 1/2	2	2 8 - 8 - 48	32.3	15.50		2 8 - 8 - 48
Cylinder presses, patent insides.....	38.0	18.25	1 1/2	2	2 8 - 8 - 48	35.4	17.00		2 8 - 8 - 48
Cylinder presses, less than 25 by 38 inches.....	26.6	12.75	1 1/2	2	2 8 - 8 - 48	24.0	11.50		2 8 - 8 - 48
Operating 2 automatic fold- ing machines.....	44.3	21.25	1 1/2	2	2 8 - 8 - 48	41.7	20.00		2 8 - 8 - 48
Press assistants and joggers	34.9	16.75	1 1/2	2	2 8 - 8 - 48	32.3	15.50		2 8 - 8 - 48

1 Double time after midnight.
 2 Hours vary, but total 48 per week.
 3 No scale on May 1, 1915.
 4 Double time after 10 p. m. and after 5 p. m. on Saturday.
 5 Scale became 37.5 cents on Sept. 9, 1916.
 6 Double time after 9 p. m.
 7 Scale became 31.3 cents on Sept. 9, 1916.
 8 Scale became 35.4 cents on Sept. 9, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- iday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Minneapolis, Minn.:									
Cylinder presses, less than 38 inches.....	Cents. 26.5	Dolls. 12.72	1 1/2	2	9 - 4 - 48	12	Cents.	Dolls.	
Cylinder presses, 38 inches and over.....	30.0	14.40	1 1/2	2	9 - 4 - 48	12			
Platen presses.....	25.0	12.00	1 1/2	2	9 - 4 - 48	12			
Platen presses, run and feed.....	28.0	13.44	1 1/2	2	9 - 4 - 48	12			
St. Louis, Mo.:									
Cylinder presses, 24 by 36 inches or over, automatic presses, or hand-folding machines, or automatic folding machines, or lithographic presses, over No. 2.....	33.3	16.00	1 1/2	2	8 - 8 - 48		31.3	15.00	8 - 8 - 48
Cylinder presses, less than 24 by 36 inches, or lithographic presses, No. 2 or less.....	27.1	13.00	1 1/2	2	8 - 8 - 48		25.0	12.00	8 - 8 - 48
Cylinder, aluminograph, and 2-color presses.....	35.4	17.00	1 1/2	2	8 - 8 - 48		33.3	16.00	8 - 8 - 48
Two automatic feeders on machine less than 24 by 36 inches.....	44.8	21.50	1 1/2	2	8 - 8 - 48		(8)	(8)	(8)
Assistants, rotary web presses.....	43.8	21.00	1 1/2	2	8 - 8 - 48		(8)	(8)	(8)
Off-set presses.....	35.4	17.00	1 1/2	2	8 - 8 - 48		(8)	(8)	(8)
St. Paul, Minn.:									
Cylinder presses, 38 inches and over, or folding machine operators or joggers.....	30.0	14.40	1 1/2	2	9 - 4 - 48	12			
Cylinder presses, less than 38 inches.....	21.0	10.08	1 1/2	2	9 - 4 - 48	12			
Cylinder presses, double-ender, over 38 inches.....	32.1	15.40	1 1/2	2	9 - 4 - 48	12			
Press assistants, rotary presses.....	31.3	15.00	1 1/2	2	9 - 4 - 48	12			
SOUTH CENTRAL.									
Dallas, Tex.:									
Cylinder presses.....	31.3	15.00	1 1/2	2	8 - 8 - 48				
Press assistants.....	29.2	14.00	1 1/2	2	8 - 8 - 48				
Houston, Tex.: Cylinder presses.....									
	28.1	13.50	1 1/2	2	8 - 8 - 48				

1 Double time after midnight.

2 For New Year's, Memorial, Labor, and Thanksgiving days, time and one-half only.

3 Total 49 hours per week, but 1 hour each week is paid for as overtime.

4 Scale became 34.4 cents on July 1, 1916.

5 Scale became 28.1 cents on July 1, 1916.

6 Scale became 36.5 cents on July 1, 1916.

7 Scale became 45.8 cents on July 1, 1916.

8 Press not in use in 1915.

9 Scale became 44.8 cents on July 1, 1916.

10 Scale became 33.3 cents on Sept. 1, 1916.

11 Scale became 31.3 cents on Sept. 1, 1916.

12 Scale became 31.3 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
PRINTING AND PUBLISHING: BOOK AND JOB—Continued.
PRESS FEEDERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Little Rock, Ark.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Cylinder presses.....	27.1	13.00	1½	2	8 - 8 - 48				
Pony presses.....	18.8	9.00	1½	2	8 - 8 - 48				
Platen presses.....	14.6	7.00	1½	2	8 - 8 - 48				
Louisville, Ky.:									
Cylinder presses.....	27.1	13.00	1½	2	8½ - 4½ - 48	12			
Operating 1 automatic press.....	28.1	13.50	1½	2	8½ - 4½ - 48	12			
Operating 2 automatic presses.....	32.3	15.50	1½	2	8½ - 4½ - 48	12			
Platen presses.....	19.8	9.50	1½	2	8½ - 4½ - 48	12			
Memphis, Tenn.: Cylinder presses.....	27.1	13.00	1½	2	8 - 8 - 48				
New Orleans, La.: Cylinder presses.....	31.3	15.00	1½	1½	8 - 8 - 48				
WESTERN.									
Denver, Colo.: Cylinder presses.....	35.4	17.00	3½	2	8 - 8 - 48				
Los Angeles, Cal.:									
Cylinder presses.....	35.4	17.00	1½	2	8 - 8 - 48				
Platen presses.....	29.2	14.00	1½	2	8 - 8 - 48				
Universal presses.....	31.3	15.00	1½	2	8 - 8 - 48				
Portland, Oreg.:									
Cylinder presses.....	34.4	16.50	1½	(1)	8 - 8 - 48				
Platen presses.....	29.2	14.00	1½	(1)	8 - 8 - 48				
Salt Lake City, Utah: Cylinder presses and press assistants.....	31.3	15.00	1½	1½	8 - 8 - 48	29.2	14.00		8 - 8 - 48
San Francisco, Cal.:									
Cylinder presses or lithographic presses.....	34.4	16.50	1½	1½	8 - 8 - 48				
Platen presses.....	28.1	13.50	1½	1½	8 - 8 - 48				
Seattle, Wash.:									
Cylinder presses.....	32.3	15.50	1½	2	8 - 8 - 48				
Platen presses.....	27.1	13.00	1½	2	8 - 8 - 48				
Spokane, Wash.:									
Cylinder presses.....	34.4	16.50	1½	2	8 - 8 - 48				
Coll's, Golding's, or Universal presses.....	29.2	14.00	1½	2	8 - 8 - 48				
Platen presses.....	28.1	13.50	1½	2	8 - 8 - 48				

¹ Double time after midnight.

² Scale became 28.1 cents on Sept. 10, 1916.

³ Double time after 10 p. m. and after 5 p. m. on Saturday.

⁴ For Sundays, double time; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating rotary presses...	59.4	28.50	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating 1 or 2 cylinder presses and platen presses	47.9	23.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating 1 perfecting or 2 color presses	50.0	24.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating small litho- graphic presses	52.1	25.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating No. 3 litho- graphic presses	50.0	24.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating No. 5 litho- graphic presses	57.3	27.50	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating No. 6 litho- graphic presses, or large lithographic presses	62.5	30.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Bridgeport, Conn.	37.5	18.00	1 1/2	2	8- 8- 48				
Buffalo, N. Y.:									
Operating 1 or 2 presses	\$41.7	20.00	1 1/2	2	3 8- 8- 48				
Operating duplex presses	\$45.8	22.00	1 1/2	2	3 8- 8- 48				
Operating web or 2-color presses	\$52.1	25.00	1 1/2	2	3 8- 8- 48				
Operating lithographic presses	45.8	22.00	1 1/2	2	3 8- 8- 48				
Operating offset litho- graphic presses	57.3	27.50	1 1/2	2	3 8- 8- 48				
Operating press with au- tomatic feed	\$37.5	18.00	1 1/2	2	3 8- 8- 48				
Operating proving or trans- ferring presses	52.1	25.00	1 1/2	2	3 8- 8- 48				
Newark, N. J.:									
Operating 2-color web presses	67.7	32.50	7 1/2	2	3 8- 8- 48	65.6	31.50	3 8- 8- 48	
Operating 1 or 2 presses or second man on web presses	52.1	25.00	7 1/2	2	3 8- 8- 48	50.0	24.00	3 8- 8- 48	
Operating 1 or 2 presses with automatic feed	54.2	26.00	7 1/2	2	3 8- 8- 48	52.1	25.00	3 8- 8- 48	
Operating 1 auto or 1 New Era press	41.7	20.00	7 1/2	2	3 8- 8- 48	39.6	19.00	3 8- 8- 48	
Operating lithographic presses Nos. 2 and 3, or transferrers	45.8	22.00	1 1/2	2	8- 8- 48				
Operating rotary, single- color lithographic presses	56.3	27.00	1 1/2	2	8- 8- 48				
Operating offset litho- graphic presses	62.5	30.00	1 1/2	2	8- 8- 48				
Operating 2-color presses	54.2	26.00	7 1/2	2	3 8- 8- 48	(8)	(8)	(8)	
Operating 3-color presses	60.4	29.00	7 1/2	2	3 8- 8- 48	(8)	(8)	(8)	

¹ Double time after midnight.

² Scale became 43.8 cents on June 1, 1916.

³ Hours vary, but total 48 per week.

⁴ Scale became 47.9 cents on June 1, 1916.

⁵ Scale became 54.2 cents on June 1, 1916.

⁶ Scale became 41.7 cents on June 1, 1916.

⁷ Double time after 10 p. m. and after 6 p. m. on Saturday.

⁸ No scale on May 1, 1915

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—Continued.									
Newark, N. J.—Continued.									
Operating 2 automatic presses	Cents. 45.8	Dolls. 22.00	1 1/2	2	2 8 - 8 - 48		Cents. (3)	Dolls. (3)	(3)
Operating 1 or 2 Standard presses	38.5	18.50	1 1/2	2	2 8 - 8 - 48		(3)	(3)	(3)
Operating 1 single-color Harris press	41.7	20.00	1 1/2	2	2 8 - 8 - 48		(3)	(3)	(3)
New Haven, Conn.: Operat- ing 1 or 2 presses	37.5	18.00	1 1/2	2	8 - 8 - 48				
New York, N. Y.:									
Operating 1 or 2 presses or 1 poster press 28 by 41 inches or over or 1 cylin- der and 3 platen presses or 4 single or 2 double Kidder presses, or second man on Cox duplex presses or 1 label press or 1 perfecting press or 1 press with bronzing ma- chine	54.2	26.00	4 1/2	2	2 8 - 8 - 48		52.1	25.00	8 - 8 - 48
Operating 1 offset litho- graphic press or 1 multi- graph web ticket press or Cox duplex presses	62.5	30.00	4 1/2	2	2 8 - 8 - 48				
Operating 1 sheet-fed rotary press or 1 2-color flat-bed press or No. 22 2-color Harris presses or second man on web presses	58.3	28.00	4 1/2	2	2 8 - 8 - 48		56.3	27.00	8 - 8 - 48
Operating single-roll web presses over 46 inches or single-roll web presses with color attachment or presses with feeder and wire stitcheer or men in charge of 3 or 4 color web process presses	72.9	35.00	4 1/2	2	2 8 - 8 - 48				
Operating 3 or 4 color web process presses or men in charge of double-roll web presses	77.1	37.00	4 1/2	2	2 8 - 8 - 48				
Operating web magazine presses with 2 feeders and wire stitchers	78.1	37.50	4 1/2	2	2 8 - 8 - 48				
In charge of double-roll web presses 46 inches or less	72.9	35.00	4 1/2	2	2 8 - 8 - 48				
In charge of double-roll web presses with color attachment	79.2	38.00	4 1/2	2	2 8 - 8 - 48				
Operating rotary web presses 46 inches or less or single-roll web presses 46 inches or less	68.8	33.00	4 1/2	2	2 8 - 8 - 48				

¹ Double time after 10 p. m. and after 6 p. m. on Saturday.
² Hours vary, but total 48 per week.

³ No scale on May 1, 1915.
⁴ Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Concd.									
Operating small cylinder presses.....	Cents. 52.1	Dolls. 25.00	Regular rate multiplied by— 1 1½ 2		2 8 - 8 - 48		Cents. (3)	Dolls. (3)	(3)
Operating double sheet-fed rotary presses.....	68.8	33.00	1 1½ 2		2 8 - 8 - 48		(3)	(3)	(3)
Operating 3-color Sterling presses.....	66.7	32.00	1 1½ 2		2 8 - 8 - 48		(3)	(3)	(3)
Operating 4-color Sterling presses.....	75.0	36.00	1 1½ 2		2 8 - 8 - 48		(3)	(3)	(3)
Operating McKee or multi-color process presses.....	76.0	36.50	1 1½ 2		2 8 - 8 - 48		(3)	(3)	(3)
Operating lithographic presses.....	45.8	22.00	1½ 2		8 - 8 - 48				
Operating poster or tin or Nos. 3½, 4, or 4½ lithographic presses.....	50.0	24.00	1½ 2		8 - 8 - 48				
Operating Nos. 5 or 5½ lithographic presses.....	54.2	26.00	1½ 2		8 - 8 - 48				
Operating single-color rotary lithographic presses.....	56.3	27.00	1½ 2		8 - 8 - 48				
Operating single-color rotary lithographic presses over 64 inches, or offset lithographic presses.....	62.5	30.00	1½ 2		8 - 8 - 48				
Operating poster rotary lithographic presses.....	60.4	29.00	1½ 2		8 - 8 - 48				
Operating 2-color lithographic presses.....	68.8	33.00	1½ 2		8 - 8 - 48				
Operating multicolor lithographic presses.....	83.3	40.00	1½ 2		8 - 8 - 48				
Assistants, web, brakemen and tension men.....	43.8	21.00	5 1½ 2		2 8 - 8 - 48				
Assistants, web, olers and utility men.....	39.6	19.00	5 1½ 2		2 8 - 8 - 48				
Philadelphia, Pa. (competitive offices):									
In charge of web presses...	57.3	27.50	7 1½ 2		2 8 - 8 - 48				
In charge of 2-color flat-bed presses with automatic feeders.....	54.2	26.00	7 1½ 2		2 8 - 8 - 48				
Operating flat-bed perfecting presses with automatic feeders.....	52.1	25.00	7 1½ 2		2 8 - 8 - 48				
Operating flat-bed perfecting presses.....	47.9	23.00	7 1½ 2		2 8 - 8 - 48				
Operating 2 or 3 flat-bed lithographic presses.....	45.8	22.00	1½ 2		8½ - 4½ - 48	12			

1 Double time after 10 p. m.

2 Hours vary, but total 48 per week.

3 No scale on May 1, 1915.

4 Scale became 44.8 cents on June 1, 1916.

5 For first 5 hours; double time thereafter.

6 Scale became 59.4 cents on Sept. 1, 1916.

7 Double time after midnight.

8 For New Year's, Memorial, and Thanksgiving days, time and one-half only.

9 Scale became 56.3 cents on Sept. 1, 1916.

10 Scale became 54.2 cents on Sept. 1, 1916.

11 Scale became 50 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Philadelphia, Pa.—Concl'd.									
Operating 1 cylinder and 3 platen presses, or not more than 2 flat-bed presses.....	Cents. 45.8	Dolls. 22.00	Regular rate multiplied by— $2\frac{1}{2}$	³ 2	4 8 - 8 -48		Cents. Dolls.		
Operating 2 presses with automatic feeders, or Nos. 3½ to 4½ flat-bed lithographic presses.....	50.0	24.00	$2\frac{1}{2}$	³ 2	4 8 - 8 -48				
Operating Nos. 5 and 5½ flat-bed or rotary lithographic presses.....	52.1	25.00	$1\frac{1}{2}$	2	8½- 4½-48	12			
Operating offset lithographic presses, 28 by 34 inches.....	56.3	27.00	$1\frac{1}{2}$	2	8½- 4½-48	12			
Operating offset lithographic presses, 28 by 42 inches.....	62.5	30.00	$1\frac{1}{2}$	2	8½- 4½-48	12			
Operating 2-color rotary presses.....	72.9	35.00	$1\frac{1}{2}$	2	8½- 4½-48	12			
Operating 3 Harris presses.....	43.8	21.00	$2\frac{1}{2}$	³ 2	4 8 - 8 -48				
Operating not more than 3 Adams presses.....	39.6	19.00	$2\frac{1}{2}$	³ 2	4 8 - 8 -48				
Overlay cutters.....	43.8	21.00	$2\frac{1}{2}$	³ 2	4 8 - 8 -48				
Philadelphia, Pa. (noncompetitive offices):									
In charge of flat-sheet rotary 4-color McKee presses, double product, or rotary web presses with more than 1 roll, or flat-sheet rotary 2-color McKee presses, single or double product.....	76.0	36.50	$2\frac{1}{2}$	³ 2	9½- 0 -48				
In charge of flat-sheet rotary 4-color McKee presses, single product, or rotary web presses, 69 inches or over, with feeders and stitchers.....	72.9	35.00	$2\frac{1}{2}$	³ 2	9½- 0 -48				
In charge of rotary web presses, 46 inches or over.....	67.7	32.50	$2\frac{1}{2}$	³ 2	9½- 0 -48				
In charge of flat-sheet rotary presses, color work.....	66.7	32.00	$2\frac{1}{2}$	³ 2	9½- 0 -48				
In charge of rotary web presses, less than 46 inches, or 4-color wet proving presses.....	62.5	30.00	$2\frac{1}{2}$	³ 2	9½- 0 -48				
Operating presses requiring an assistant, or not more than 2 flat-bed presses, with automatic feeders, color work.....	62.5	30.00	$2\frac{1}{2}$	³ 2	9½- 0 -48				

¹ Scale became 47.9 cents on Sept. 1, 1916.

² Double time after midnight.

³ For New Year's, Memorial, and Thanksgiving days, time and one-half only.

⁴ Hours vary, but total 48 per week.

⁵ Scale became 52.1 cents on Sept. 1, 1916.

⁶ Scale became 45.8 cents on Sept. 1, 1916.

⁷ Scale became 41.7 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa. (noncompetitive offices)—Con.									
Operating not more than 2 flat-bed presses with automatic feeders.....	52.1	25.00	1 1/2	2	9 3/4 - 0 - 48				
Operating 1 or 2 flat-bed presses.....	47.9	23.00	1 1/2	2	9 3/4 - 0 - 48				
Overlay and matrix cutters.....	47.9	23.00	1 1/2	2	9 3/4 - 0 - 48				
Pittsburgh, Pa.:									
Operating 2 presses or 1 cylinder and platen press.....	43.8	21.00	5 1/2	2	8 - 8 - 48				
Operating 1 Harris automatic press.....	41.7	20.00	5 1/2	2	8 - 8 - 48				
Operating 2 Harris automatic presses.....	46.9	22.50	5 1/2	2	8 - 8 - 48				
In charge of 2 cylinder and platen presses.....	50.0	24.00	5 1/2	2	8 - 8 - 48				
In charge of 3 cylinder and platen presses.....	54.2	26.00	5 1/2	2	8 - 8 - 48				
Operating lithographic presses.....	52.1	25.00	1 1/2	2	8 - 8 - 48				
Operating offset lithographic presses.....	62.5	30.00	1 1/2	2	8 - 8 - 48				
Operating proving and transferring presses.....	45.8	22.00	1 1/2	2	8 - 8 - 48				
Providence, R. I.:	39.6	19.00	1 1/2	2	8 - 8 - 48				
Rochester, N. Y.:									
Operating 1 or 2 presses.....	43.8	21.00	1 1/2	2	6 8 - 8 - 48				
Operating lithographic or transferring presses.....	50.0	24.00	1 1/2	2	8 - 8 - 48				
Operating offset lithographic presses.....	66.7	32.00	1 1/2	2	8 - 8 - 48				
Operating single-color rotary lithographic presses.....	52.1	25.00	1 1/2	2	8 - 8 - 48				
Operating 2-color rotary lithographic presses.....	62.5	30.00	1 1/2	2	8 - 8 - 48				
Operating 3-color rotary lithographic presses.....	72.9	35.00	1 1/2	2	8 - 8 - 48				
Operating 4-color rotary lithographic presses.....	93.8	45.00	1 1/2	2	8 - 8 - 48				
Operating 5-color rotary lithographic presses.....	104.2	50.00	1 1/2	2	8 - 8 - 48				
Operating proving lithographic presses.....	54.2	26.00	1 1/2	2	8 - 8 - 48				
Scranton, Pa.:									
Operating 1 2-color press, or 1 3-color press, or 1 or 2 2-color Harris presses.....	52.1	25.00	1 1/2	2	8 - 8 - 48				
Operating 2 presses, or 1 or 2 Harris presses, or 2 automatic and 1 hand-feed press, or 1 press with automatic feed.....	45.8	22.00	1 1/2	2	8 - 8 - 48				
Worcester, Mass.....	37.5	18.00	1 1/2	2	6 8 - 8 - 48				

¹ Double time after midnight.

² For New Year's, Memorial, and Thanksgiving days, time and one-half only.

³ Scale became 52.1 cents on Sept. 1, 1916.

⁴ Scale became 50 cents on Sept. 1, 1916.

⁵ Double time after midnight and after 5 p. m. on Saturday.

⁶ Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN; Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Atlanta, Ga.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 press.....	34.4	16.50	1½	2	18	8-48	.....	.....	.....
Operating 2 presses.....	37.5	18.00	1½	2	18	8-48	.....	.....	.....
Baltimore, Md.:									
Operating 1 or 2 presses....	29.6	19.00	1½	2	18	8-48	.....	.....	.....
Operating 1 or 2 single-cylinder or 1 double-cylinder, or 1 2-color press, or 1 cylinder and 1 platen presses, or 1 web rotary or magazine press.	39.6	19.00	1½	2	18	8-48	.....	.....	.....
Charleston, S. C.: Operating 1 or 2 presses.....	36.5	17.50	1½	2	8	8-48	.....	.....	.....
Jacksonville, Fla.:									
Operating 1 or 2 presses...	43.8	21.00	1½	2	18	8-48	.....	.....	.....
Operating Harris and automatic presses.....	41.7	20.00	1½	2	18	8-48	.....	.....	.....
In charge of cylinder and platen presses.....	52.1	25.00	1½	2	18	8-48	.....	.....	.....
Richmond, Va.: Operating 1 or 2 presses.....	20.2	14.00	1½	1½	8	8-48	.....	.....	.....
Washington, D. C.: Operating 1 or 2 presses.....	41.7	20.00	1½	2	18	8-48	.....	.....	.....
NORTH CENTRAL.									
Chicago, Ill.:									
Operating 2 single or 1 double press, or 2 automatic presses, or 1 two-color Harris press, or 2 Kidder ticket presses, or 1 multicolor ticket press, or 3 patent inside blanket presses or 1 sheet-feed rotary press, or 1 press larger than 28 by 42 inches and not more than 3 platen presses.....	52.1	25.00	6 1½	2	8	8-48	.....	.....	.....
Operating 1 single-roll rotary press.....	56.3	27.00	6 1½	2	8	8-48	.....	.....	.....
Operating 3-color process press, or 1 Cox duplex press, or 1 double cylinder sheet-feed rotary press, or 1 Goss flat-bed press.....	59.4	28.50	6 1½	2	8	8-48	.....	.....	.....
Operating 1 cylinder press not larger than 28 by 42 inches and not more than 3 platen presses.....	45.8	22.00	6 1½	2	8	8-48	.....	.....	.....

1 Hours vary, but total 48 per week.
 2 Scale became 43.8 cents on Sept. 1, 1916.
 3 Double time after midnight.
 4 Scale became 47.9 cents on Sept. 1, 1916.
 5 Scale became 33.3 cents on Sept. 1, 1916.
 6 Double time on Saturday after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Concluded.									
Operating 2-roll magazine rotary press, second men.	Cents. 54.2	Dolls. 26.00	¹ 1½	2	8 - 8 - 48		Cents.	Dolls.	
Operating 2-roll magazine rotary press, third men.	49.0	23.50	1½	2	8 - 8 - 48				
In charge of 2-roll magazine rotary presses.	64.6	31.00	1½	2	8 - 8 - 48				
Operating 1 double-roll rotary press, or 1 two-color rotary press, or 3 or more color rotary presses.	61.5	29.50	1½	2	8 - 8 - 48				
Operating 2-roll Cottrell rotary, or McKee 4-color presses.	75.0	36.00	1½	2	8 - 8 - 48				
Assistants on 2-roll Cottrell rotary presses.	64.6	31.00	1½	2	8 - 8 - 48				
Cincinnati, Ohio:									
Operating rotary Web presses, first position.	58.3	28.00	1½	2	8 - 8 - 48				
Operating 1 double cylinder press over 53 inches, or 2-color presses.	54.2	26.00	1½	2	8 - 8 - 48				
Operating 4 bag presses.	52.1	25.00	1½	2	8 - 8 - 48				
Operating 2 single-roll presses over 53 inches.	47.9	23.00	1½	2	8 - 8 - 48				
Operating 1 perfecting press, or 2 single-roll presses less than 53 inches, or 2 automatic presses, or 1 cylinder and 3 platen presses.	45.8	22.00	1½	2	8 - 8 - 48				
Operating 1 single-color Harris press.	35.4	17.00	1½	2	8 - 8 - 48				
Operating 1 two-color Harris press.	39.6	19.00	1½	2	8 - 8 - 48				
Operating 1 automatic press.	38.5	18.50	1½	2	8 - 8 - 48				
Operating lithographic presses.	45.8	22.00	1½	2	8½ - 4½ - 48	12			
Cleveland, Ohio:									
Operating 1 or 2 presses.	41.7	20.00	² 1½	2	8 - 8 - 48				
Operating pony presses, 24 by 36 inches or under.	41.7	20.00	² 1½	2	8 - 8 - 48				
Assistants on cylinder presses, patent insides.	36.5	17.50	² 1½	2	8 - 8 - 48				
Operating lithographic presses Nos. 3 and 3½.	50.0	24.00	1½	2	8 - 8 - 48				
Operating lithographic presses, Nos. 4 and 4½.	52.1	25.00	1½	2	8 - 8 - 48				
Operating lithographic presses Nos. 5 and 5½.	54.2	26.00	1½	2	8 - 8 - 48				
Operating rotary lithographic presses.	57.3	27.50	1½	2	8 - 8 - 48				
Operating offset lithographic presses.	62.5	30.00	1½	2	8 - 8 - 48				

¹ Double time on Saturday after completion of 48-hour week.

² Double time after midnight.

³ Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Columbus, Ohio.....	42.7	20.50	1 1/2	1 1/2	8 1/2- 4 1/2-48	12	40.6	19.50	8 1/2- 4 1/2-48
Detroit, Mich.:									
Operating 1 or 2 presses....	43.8	21.00	1 1/2	2	8 1/2- 4 1/2-48	12			
Operating lithographic presses, shops A.....	48.6	25.50	1 1/2	2	9 1/2- 5 -52 1/2	12			
Operating lithographic presses, shops B.....	50.0	24.00	1 1/2	2	8 - 8 -48				
Operating offset lithographic presses, shops A.....	57.1	30.00	1 1/2	2	9 1/2- 5 -52 1/2	12			
Operating offset lithographic presses, shops B.....	62.5	30.00	1 1/2	2	8 - 8 -48				
Operating proving lithographic presses, shops A.....	45.2	23.75	1 1/2	2	9 1/2- 5 -52 1/2	12			
Operating proving lithographic presses, shops B.....	49.0	23.50	1 1/2	2	8 - 8 -48				
Operating transfer lithographic presses, shops A.....	41.9	22.00	1 1/2	2	9 1/2- 5 -52 1/2	12			
Operating transfer lithographic presses, shops B.....	45.8	22.00	1 1/2	2	8 - 8 -48				
Operating Sterling sheet-feed rotary presses.....	58.3	28.00	1 1/2	2	8 1/2- 4 1/2-48	7	(²)	(²)	(²)
Grand Rapids, Mich.....	37.5	18.00	1 1/2	2	8 - 8 -48		33.3	16.00	8 - 8 -48
Indianapolis, Ind., operating 1 or 2 presses.....	47.5	22.80	3 1/2	2	8 - 8 -48		44.8	21.50	8 - 8 -48
Kansas City, Mo.:									
Operating 1 press 24 by 36 inches or under, or 2 presses 24 by 36 inches or under, under a foreman.....	41.7	20.00	1 1/2	2	8 - 8 -48		39.6	19.00	8 - 8 -48
Operating 1 press 38 by 56 inches or under.....	43.8	21.00	1 1/2	2	8 - 8 -48		41.7	20.00	8 - 8 -48
Operating 1 cylinder press 24 by 36 inches or under, and 2 platen presses.....	45.8	22.00	1 1/2	2	8 - 8 -48		43.8	21.00	8 - 8 -48
Operating rotary lithographic presses, or offset lithographic presses, or stone-bed lithographic presses.....	45.8	22.00	1 1/2	2	8 - 8 -48				
Men in charge of 2 or more presses.....	54.2	26.00	1 1/2	2	8 - 8 -48		52.1	25.00	8 - 8 -48
Operating 1 press over 38 by 56 inches, or 1 two-color press or double-ender press, or 2 presses 24 by 36 inches or under, or 2 presses under a foreman.....	47.9	23.00	1 1/2	2	8 - 8 -48		45.8	22.00	8 - 8 -48
Operating 1 double-roll rotary press.....	53.1	25.50	1 1/2	2	8 - 8 -48		51.0	24.50	8 - 8 -48

1 Double time after midnight.
 2 No scale on May 1, 1915.
 3 Double time after 10 p. m. and after 5 p. m. on Saturday.
 4 Scale became 43.8 cents on Sept. 9, 1916.
 5 Scale became 45.8 cents on Sept. 9, 1916.
 6 Scale became 47.9 cents on Sept. 9, 1916.
 7 Scale became 56.3 cents on Sept. 9, 1916.
 8 Scale became 50 cents on Sept. 9, 1916.
 9 Scale became 55.2 cents on Sept. 9, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Milwaukee, Wis.:									
Operating 1 or 2 presses, or 3 blanket presses, pat- ent insides.....	147.9	23.00	² 1½	2	³ 8 - 8 - 48		Cents. 45.8	Dolls. 22.00	³ 8 - 8 - 48
Operating lithographic presses 24 by 36 inches...	41.7	20.00	1½	2	8 - 8 - 48				
Operating lithographic presses 29 by 44 inches, or 35 by 50½ inches.....	45.8	22.00	1½	2	8 - 8 - 48				
Operating offset litho- graphic presses, or rotary lithographic presses 29 by 44 inches, or 41 by 63 inches.....	52.1	25.00	1½	2	8 - 8 - 48				
Operating 2-color rotary lithographic presses.....	62.5	30.00	1½	2	8 - 8 - 48				
Minneapolis, Minn.:									
Operating 1 or 2 presses....	42.5	20.40	² 1½	⁴ 2	⁵ 9 - 4 - 48	12			
Operating 3 presses.....	47.5	22.80	² 1½	⁴ 2	⁵ 9 - 4 - 48	12			
Omaha, Neb.: Operating 1 or 2 presses.....									
	37.5	18.00	⁶ 1½	1½	8 - 8 - 48				
Peoria, Ill.:									
Operating 1 cylinder and 2 platen presses, or men in charge of 2 cylinder presses.....	⁷ 37.5	18.00	² 1½	2	8 - 8 - 48				
In charge of 3 presses.....	⁸ 41.7	20.00	² 1½	2	8 - 8 - 48				
In charge of 4 presses.....	⁹ 45.8	22.00	² 1½	2	8 - 8 - 48				
In charge of more than 4 presses.....	¹⁰ 52.1	25.00	² 1½	2	8 - 8 - 48				
St. Louis, Mo.:									
Operating 1 press.....	¹¹ 37.5	18.00	² 1½	2	8 - 8 - 48	35.4	17.00		8 - 8 - 48
Operating 2 presses less than 24 by 36 inches, or 1 single Harris press 15 by 18 inches or less, or 1 automatic press, or 1 press less than 24 by 36 inches and 1 or 2 platen presses.....	¹² 41.7	20.00	² 1½	2	8 - 8 - 48	39.6	19.00		8 - 8 - 48
Operating lithographic or transferring presses.....	52.1	25.00	1½	2	³ 8 - 8 - 48	41.7	20.00		³ 8 - 8 - 48

¹ Scale became 50 cents on Aug. 1, 1916.

² Double time after midnight.

³ Hours vary, but total 48 per week.

⁴ For New Year's, Memorial, Labor, and Thanksgiving days, time and one-half only.

⁵ Total 49 hours, but 1 hour in each week is paid for as overtime.

⁶ Double time after midnight and after 5 p. m. on Saturday.

⁷ Scale became 39.6 cents on Sept. 1, 1916.

⁸ Scale became 43.8 cents on Sept. 1, 1916.

⁹ Scale became 47.9 cents on Sept. 1, 1916.

¹⁰ Scale became 54.2 cents on Sept. 1, 1916.

¹¹ Scale became 38.5 cents on July 1, 1916.

¹² Scale became 42.7 cents on July 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.
PRINTING AND PUBLISHING: BOOK AND JOB—Continued.
PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
St. Louis, Mo.—Concluded.									
Operating 1 cylinder press over 24 by 36 inches and 1 or 2 platen presses, or 1 automatic and 1 or 2 platen presses, or 1 press 24 by 36 inches and 1 press with automatic feeder.....	¹ 45.8	22.00	² 1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Operating 1 Harris press 15 by 18 inches or less and 1 or 2 platen presses.....	³ 46.9	22.50	² 1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Operating 1 double-perfecting press, or 1 cylinder press less than 24 by 36 inches and 1 automatic press, or 1 two-color Harris press 15 by 18 inches or less, or 2 single Harris presses 15 by 18 inches or less, or 2 presses 24 by 36 inches and over, or 1 press 24 by 36 inches and over and 1 single Harris press 15 by 18 inches or less, or 1 double-roll rotary press, second position, or 1 two-color press.....	⁴ 49.0	23.50	² 1½	2	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Operating 1 single rotary press.....	⁵ 55.2	25.50	² 1½	2	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Operating 1 cylinder press over 24 by 36 inches and 1 automatic press, or 1 two-color Harris press over 15 by 18 inches, or 2 automatic presses.....	⁶ 54.2	26.00	² 1½	2	8 - 8 - 48	52.1	25.00	8 - 8 - 48	
Operating offset lithographic presses.....	58.3	28.00	1½	2	8 - 8 - 48	52.1	25.00	8 - 8 - 48	
Operating 1 press 68 inches and over.....	⁷ 49.0	23.50	² 1½	2	8 - 8 - 48	(⁸)	(⁸)	(⁸)	
St. Paul, Minn.:									
In charge of triple rotary press.....	60.4	29.00	² 1½	2	9 - 4 - 48	12			
In charge of double rotary press.....	54.2	26.00	² 1½	2	9 - 4 - 48	12			

¹ Scale became 46.9 cents on July 1, 1916.

² Double time after midnight.

³ Scale became 47.9 cents on July 1, 1916.

⁴ Scale became 59 cents on July 1, 1916.

⁵ Scale became 56.3 cents on July 1, 1916.

⁶ Scale became 55.2 cents on July 1, 1916.

⁷ Hours vary, but total 48 per week.

⁸ Press not in use in 1915.

⁹ Total 49 hours, but 1 hour in each week is paid for as overtime.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Paul, Minn.—Concluded.									
In charge of single rotary press.....	50.0	24.00	1 1/2	2	29-4-48	12			
Operating 1 single and 1 double press.....	49.0	23.50	1 1/2	2	29-4-48	12			
Operating 2 single cylinder presses or 1 automatic press.....	43.8	21.00	1 1/2	2	29-4-48	12			
SOUTH CENTRAL.									
Birmingham, Ala.:									
Foremen in charge of 2 or more presses.....	50.0	24.00	3 1/2	1 1/2	48-8-48				
Foremen in charge of 1 or more presses.....	45.8	22.00	3 1/2	1 1/2	48-8-48				
Operating 1 press.....	33.3	16.00	3 1/2	1 1/2	48-8-48				
Operating 2 presses.....	40.6	19.50	3 1/2	1 1/2	48-8-48				
Dallas, Tex.:									
Foremen in charge of 2 or more presses.....	57.3	27.50	1 1/2	2	8-8-48				
Operating 1 cylinder and 2 platen presses.....	52.1	25.00	1 1/2	2	8-8-48				
Houston, Tex.:	43.8	21.00	1 1/2	2	8-8-48				
Assistants.....	36.5	17.50	1 1/2	2	8-8-48				
Foremen in charge of 2 or 3 presses.....	49.0	23.50	1 1/2	2	8-8-48				
Foremen in charge of 4 or more presses.....	52.1	25.00	1 1/2	2	8-8-48				
Operating 1 cylinder and 1 or 2 platen presses.....	45.8	22.00	1 1/2	2	8-8-48				
Little Rock, Ark.:									
Operating 2 presses.....	40.6	19.50	1 1/2	2	48-8-48				
Operating 1 cylinder and 1 platen press.....	38.5	18.50	1 1/2	2	48-8-48				
Louisville, Ky.:									
Operating 1 press, or 1 pony and 2 platen presses.....	34.4	16.50	1 1/2	2	8 1/2-4 1/2-48	12			
Operating 1 automatic press.....	28.1	13.50	1 1/2	2	8 1/2-4 1/2-48	12			
Operating 1 or 2 presses with automatic feed.....	42.7	20.50	1 1/2	2	8 1/2-4 1/2-48	12			
Operating 1 cylinder press over 25 by 38 inches and 2 platen presses.....	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12			
Operating 2 cylinder presses.....	40.6	19.50	1 1/2	2	8 1/2-4 1/2-48	12			
Operating 2 automatic presses.....	45.8	22.00	1 1/2	2	8 1/2-4 1/2-48	12			

1 Double time after midnight.

2 Total 49 hours, but 1 hour in each week is paid for as overtime.

3 Time and one-half after 6 p. m.

4 Hours vary, but total 48 per week.

5 Scale became 46.9 cents on Oct. 1, 1916.

6 Scale became 39.6 cents on Oct. 1, 1916.

7 Scale became 52.1 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Memphis, Tenn.:									
Operating 1 press.....	Cents. 34.4	Dolls. 16.50	1½	2	8 - 8 - 48				
Operating 2 presses.....	43.8	21.00	1½	2	8 - 8 - 48				
Foreman in charge of 2 presses.....	47.9	23.00	1½	2	8 - 8 - 48				
New Orleans, La.: Operat- ing 1 or 2 presses, or cylin- der, platen, or automatic presses.....									
	40.6	19.50	1½	1½	8 - 8 - 48				
WESTERN.									
Denver, Colo.:									
Foremen in charge of 5 or more presses.....	62.5	30.00	2 1½	2	8 - 8 - 48				
Foremen in charge of 1 to 4 presses.....	58.3	28.00	2 1½	2	8 - 8 - 48				
Operating 1 or 2 presses.....	54.2	26.00	2 1½	2	8 - 8 - 48				
Los Angeles, Cal.:									
Foremen.....	55.2	26.50	2 1½	2	8 - 8 - 48				
Operating 1 or 2 presses, or 1 cylinder and 2 platen presses.....	46.9	22.50	2 1½	2	8 - 8 - 48				
Portland, Oreg.:									
Foremen in charge of 1 cyl- inder press and platen presses.....	46.9	22.50	1½	(²)	8 - 8 - 48				
Foremen in charge of 2 cyl- inders presses and platen presses.....	56.3	27.00	1½	(²)	8 - 8 - 48				
Operating 1 or 2 presses.....	46.9	22.50	1½	(²)	8 - 8 - 48				
Salt Lake City, Utah:									
Foremen in charge of 2 or more presses.....	56.3	27.00	2 1½	1½	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Foremen in charge of press less than 64 inches.....	53.1	25.50	2 1½	1½	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Operating 1 or 2 presses, or 1 cylinder and 2 platen presses.....	50.0	24.00	2 1½	1½	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
San Francisco, Cal.:									
Operating 1 cylinder press, or 1 coupon-ticket press.....	50.0	24.00	1½	4 1½	8 - 8 - 48				
Operating 2 cylinder presses, or 1 cylinder and platen presses, or 1 two- color press, or 1 perfecting press, or second position on magazine rotary press.....	56.3	27.00	1½	4 1½	8 - 8 - 48				
Operating magazine rotary press, first position.....	72.9	35.00	1½	4 1½	8 - 8 - 48				
Operating Cox duplex press, or foremen in charge of 1 cylinder and 2 platen presses.....	62.5	30.00	1½	4 1½	8 - 8 - 48				

¹ Hours vary, but total 48 per week.

² Double time after midnight.

³ For Sundays, double time; for holidays, time and one-half.

⁴ For Labor day, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
WESTERN—concluded.									
Seattle, Wash.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Foremen.....	56.3	27.00	1½	1½	8 - 8 - 48				
Operating 1 or 2 presses....	51.0	24.50	1½	1½	8 - 8 - 48				
Spokane, Wash.:									
Operating 1 press under a foreman.....	43.8	21.00	1½	2	8 - 8 - 48				
Operating 1 or more presses	50.0	24.00	1½	2	8 - 8 - 48				
Foremen in charge of 1 cyl- inder and 3 platen presses	52.1	25.00	1½	2	8 - 8 - 48				
Foremen over 2 or more pressmen.....	57.3	27.50	1½	2	8 - 8 - 48				

PRESSMEN: Platen.

NORTH ATLANTIC.									
Boston, Mass.:									
Operating 1 or 2 presses....	37.5	18.00	1½	2	8½ - 4½ - 48	12			
Operating Harris, Kidder, Falcon, or automatic presses.....	41.7	20.00	1½	2	8½ - 4½ - 48	12			
Bridgeport, Conn.....	31.3	15.00	1½	2	8 - 8 - 48				
Buffalo, N. Y.....	31.3	15.00	1½	2	2 8 - 8 - 48				
Newark, N. J.:									
Operating 1 or 2 presses....	35.4	17.00	3 1½	2	2 8 - 8 - 48	33.3	16.00	2 8 - 8 - 48	
Operating 3 or 4 presses....	39.6	19.00	3 1½	2	2 8 - 8 - 48	37.5	18.00	2 8 - 8 - 48	
Operating 5 or 6 presses....	43.8	21.00	3 1½	2	2 8 - 8 - 48	41.7	20.00	2 8 - 8 - 48	
New Haven, Conn.: Operat- ing 1 to 3 presses.....	31.3	15.00	1½	2	8 - 8 - 48				
New York, N. Y.:									
Operating 1 two-color Har- ris press, 15 by 18 inches	50.0	24.00	4 1½	2	2 8 - 8 - 48				
Operating 1 Cartwright press, or 2 Standard au- tomatic-feed presses....	45.8	22.00	4 1½	2	2 8 - 8 - 48				
Operating 1 to 3 presses, or Harris presses, Nos. 1 to 7	41.7	20.00	4 1½	2	2 8 - 8 - 48	39.6	19.00	2 8 - 8 - 48	
Operating 4 presses.....	45.8	22.00	4 1½	2	2 8 - 8 - 48				
Operating 5 presses.....	47.9	23.00	4 1½	2	2 8 - 8 - 48				
Operating 3 automatic presses.....	50.0	24.00	4 1½	2	2 8 - 8 - 48	(5)	(5)	(5)	
Operating Hoag or Kelly presses.....	51.1	25.00	4 1½	2	2 8 - 8 - 48	(5)	(5)	(5)	
Operating 1 two-color Har- ris press, 22 by 28 inches	51.2	26.00	4 1½	2	2 8 - 8 - 48	(5)	(5)	(5)	
Operating 2 two-color Har- ris presses, 15 by 18 inches	53.3	27.00	4 1½	2	2 8 - 8 - 48	(5)	(5)	(5)	

¹ Double time after midnight.

² Hours vary, but total 48 per week.

³ Double time after 10 p. m. and after 6 p. m. on Saturday.

⁴ Double time after 10 p. m.

⁵ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 or 2 presses.....	30.2	14.50	2 1/2	2	48	8	.....	.....	.....
Operating 2 presses, or 1 two-color press.....	45.8	22.00	2 1/2	2	48	8	.....	.....	.....
Operating 3 or 4 presses.....	33.3	16.00	2 1/2	2	48	8	.....	.....	.....
Operating more than 4 presses.....	37.5	18.00	2 1/2	2	48	8	.....	.....	.....
Operating automatic process presses, or provers.....	39.6	19.00	2 1/2	2	48	8	.....	.....	.....
Pittsburgh, Pa.: Operating 3 or 4 presses.....	39.6	19.00	7 1/2	2	48	8	.....	.....	.....
Providence, R. I.:									
Operating 1 or more presses.....	31.3	15.00	2 1/2	2	8	8	.....	.....	.....
Operating Universal presses.....	35.4	17.00	2 1/2	2	8	8	.....	.....	.....
Rochester, N. Y.:									
Operating 1 or 2 presses.....	29.2	14.00	2 1/2	2	48	8	.....	.....	.....
Operating 3 or 4 presses.....	33.3	16.00	2 1/2	2	48	8	.....	.....	.....
Operating 5 or 6 presses.....	37.5	18.00	2 1/2	2	48	8	.....	.....	.....
Operating more than 6 presses.....	41.7	20.00	2 1/2	2	48	8	.....	.....	.....
Scranton, Pa.:									
Operating 1 to 3 presses.....	29.2	14.00	2 1/2	2	8	8	.....	.....	.....
Operating 4 presses, or 1 to 3 presses with automatic feeders.....	33.3	16.00	2 1/2	2	8	8	.....	.....	.....
Worcester, Mass.....	28.1	13.50	1 1/2	2	48	8	.....	.....	.....
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Operating 1 press.....	31.3	15.00	1 1/2	2	48	8	.....	.....	.....
Operating 2 presses.....	34.4	16.50	1 1/2	2	48	8	.....	.....	.....
Operating 3 or more presses.....	37.5	18.00	1 1/2	2	48	8	.....	.....	.....
Baltimore, Md.:									
Operating 1 to 3 presses.....	27.1	13.00	2 1/2	2	48	8	.....	.....	.....
Operating 4 or 5 presses.....	33.3	16.00	2 1/2	2	48	8	.....	.....	.....
Charleston, S. C.: Operating 3 or 4 presses.....	31.3	15.00	1 1/2	1 1/2	8	8	.....	.....	.....
Jacksonville, Fla.:									
Operating 1 to 3 presses.....	31.3	15.00	2 1/2	2	48	8	.....	.....	.....
Operating more than 3 presses.....	37.5	18.00	2 1/2	2	48	8	.....	.....	.....
Richmond, Va.: Operating 2 to 5 presses.....	20.8	10.00	1 1/2	1 1/2	8	8	.....	.....	.....
Washington, D. C.: Operating 1 to 3 presses.....	31.3	15.00	1 1/2	2	48	8	.....	.....	.....

1 Scale became 33.3 cents on Sept. 1, 1916.
 2 Double time after midnight.
 3 For New Year's, Memorial, and Thanksgiving days, time and one-half only.
 4 Hours vary, but total 48 per week.
 5 Scale became 47.9 cents on Sept. 1, 1916.
 6 Scale became 41.7 cents on Sept. 1, 1916.
 7 Do able time after midnight and after 5 p. m. on Saturday.
 8 Scale became 39.6 cents on Sept. 1, 1916.
 9 Scale became 25 cents on Sept. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN; Platen—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:									
Operating combination press with web attach- ment.....	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 to 3 presses.....	43.8	21.00	1 1/2	2	8 - 8 - 48				
Operating 4 presses.....	36.5	17.50	1 1/2	2	8 - 8 - 48				
Operating 5 presses.....	39.6	19.00	1 1/2	2	8 - 8 - 48				
Operating 6 presses.....	42.7	20.50	1 1/2	2	8 - 8 - 48				
Operating 6 presses.....	45.8	22.00	1 1/2	2	8 - 8 - 48				
Cincinnati, Ohio:									
Operating 1 or 2 presses.....	30.2	14.50	1 1/2	2	8 - 8 - 48				
Operating 3 presses.....	32.3	15.50	1 1/2	2	8 - 8 - 48				
Operating 4 presses.....	36.5	17.50	1 1/2	2	8 - 8 - 48				
Operating 5 presses.....	40.6	19.50	1 1/2	2	8 - 8 - 48				
Cleveland, Ohio:									
Operating 1 or 2 presses.....	31.3	15.00	2 1/2	2	8 - 8 - 48		27.1	13.00	8 - 8 - 48
Operating 3 presses.....	33.3	16.00	2 1/2	2	8 - 8 - 48		29.2	14.00	8 - 8 - 48
Operating 4 presses.....	33.3	16.00	2 1/2	2	8 - 8 - 48		32.3	15.50	8 - 8 - 48
Operating 5 to 8 presses.....	37.5	18.00	2 1/2	2	8 - 8 - 48		35.4	17.00	8 - 8 - 48
Columbus, Ohio.....	38.5	18.50	2 1/2	1 1/2	8 1/2 - 4 1/2 - 48	12	37.5	18.00	8 1/2 - 4 1/2 - 48
Detroit, Mich.:									
Operating 2 presses.....	29.2	14.00	2 1/2	2	8 1/2 - 4 1/2 - 48	12			
Operating 3 presses.....	33.3	16.00	2 1/2	2	8 1/2 - 4 1/2 - 48	12			
Operating 4 or 5 presses.....	37.5	18.00	2 1/2	2	8 1/2 - 4 1/2 - 48	12			
Operating 6 or more presses.....	41.7	20.00	2 1/2	2	8 1/2 - 4 1/2 - 48	12			
Grand Rapids, Mich.:									
Operating 2 presses.....	25.0	12.00	1 1/2	2	8 - 8 - 48				
Operating 3 presses.....	27.1	13.00	1 1/2	2	8 - 8 - 48				
Operating 4 or more presses.....	29.2	14.00	1 1/2	2	8 - 8 - 48				
Indianapolis, Ind.:									
Operating 1 or 2 presses.....	32.9	15.80	3 1/2	2	8 - 8 - 48		26.0	12.50	8 - 8 - 48
Operating 3 presses.....	37.1	17.80	3 1/2	2	8 - 8 - 48		34.4	16.50	8 - 8 - 48
Operating 4 presses.....	41.3	19.80	3 1/2	2	8 - 8 - 48		38.5	18.50	8 - 8 - 48
Operating 5 presses.....	45.4	21.80	3 1/2	2	8 - 8 - 48		42.7	20.50	8 - 8 - 48
Operating 6 presses.....	47.5	22.80	3 1/2	2	8 - 8 - 48		44.8	21.50	8 - 8 - 48
Kansas City, Mo.:									
Operating 1 press.....	435.4	17.00	2 1/2	2	8 - 8 - 48		33.3	16.00	8 - 8 - 48
Operating 2 presses.....	437.5	18.00	2 1/2	2	8 - 8 - 48		35.4	17.00	8 - 8 - 48
Operating 3 presses.....	539.6	19.00	2 1/2	2	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Operating 4 presses.....	641.7	20.00	2 1/2	2	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Operating 5 to 7 presses.....	743.8	21.00	2 1/2	2	8 - 8 - 48		41.7	20.00	8 - 8 - 48
Milwaukee, Wis.:									
Operating 1 or 2 presses.....	34.9	16.75	2 1/2	2	8 - 8 - 48		32.3	15.50	8 - 8 - 48
Operating 3 presses.....	37.0	17.75	2 1/2	2	8 - 8 - 48		34.4	16.50	8 - 8 - 48
Operating 4 presses.....	41.1	19.75	2 1/2	2	8 - 8 - 48		38.5	18.50	8 - 8 - 48
Minneapolis, Minn.:									
Operating 3 presses.....	35.0	16.80	2 1/2	9 2	10 9 - 4 - 48				
Operating 4 or more presses.....	40.0	19.20	2 1/2	9 2	10 9 - 4 - 48				

1 For Saturday double time after completion of 48-hour week.
 2 Double time after midnight.
 3 Double time after 10 p. m. and after 5 p. m. on Saturday.
 4 Scale became 39.6 cents on Sept. 9, 1916.
 5 Scale became 41.7 cents on Sept. 9, 1916.
 6 Scale became 43.8 cents on Sept. 9, 1916.
 7 Scale became 45.8 cents on Sept. 9, 1916.
 8 Hours vary, but total 48 per week.
 9 For New Year's, Memorial, Labor, and Thanksgiving days, time and one-half only.
 10 Total 49 hours, but 1 hour in each week is paid for as overtime.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl-day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Omaha, Nebr.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 to 3 presses....	31.3	15.00	1 1/2	1 1/2	8 - 8 - 48				
Operating 4 presses.....	33.3	16.00	1 1/2	1 1/2	8 - 8 - 48				
Operating 5 presses.....	35.4	17.00	1 1/2	1 1/2	8 - 8 - 48				
Peoria, Ill.:									
Operating 1 or 2 presses....	27.1	13.00	3 1/2	2	8 - 8 - 48				
Operating 3 presses.....	29.2	14.00	3 1/2	2	8 - 8 - 48				
Operating 4 or more presses	31.3	15.00	3 1/2	2	8 - 8 - 48				
St. Louis, Mo.:									
Operating 1 or 2 presses, or one 23-inch coupon press, or 1 press with automatic feed.....	33.3	16.00	3 1/2	2	8 - 8 - 48	31.3	15.00	8 - 8 - 48	
Operating 3 presses, or 1 hand-feed press and 1 automatic-feed press.....	36.5	17.50	3 1/2	2	8 - 8 - 48	34.4	16.50	8 - 8 - 48	
Operating 4 presses, or one 42-inch coupon press, or 1 press with automatic feed and 2 presses with automatic feed.....	39.6	19.00	3 1/2	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
St. Paul, Minn.:									
Operating 1 to 3 presses....	29.7	14.25	3 1/2	2	9 - 4 - 48	12			
Operating 4 or more presses	34.9	16.75	3 1/2	2	9 - 4 - 48	12			
SOUTH CENTRAL.									
Birmingham, Ala.:									
Operating 1 or 2 presses....	31.3	15.00	10 1/2	1 1/2	11 8 - 8 - 48				
Operating 3 presses.....	33.3	16.00	10 1/2	1 1/2	11 8 - 8 - 48				
Operating 4 to 6 presses....	35.4	17.00	10 1/2	1 1/2	11 8 - 8 - 48				
In charge of 7 to 9 presses..	39.6	19.00	10 1/2	1 1/2	11 8 - 8 - 48				
In charge of 10 or more presses.....	41.7	20.00	10 1/2	1 1/2	11 8 - 8 - 48				
Dallas, Tex.:									
Operating 2 presses and 1 automatic press.....	45.8	22.00	1 1/2	2	8 - 8 - 48				
Operating 1 to 4 presses....	35.4	17.00	1 1/2	2	8 - 8 - 48				
Houston, Tex.:									
Operating 1 or 2 presses....	32.3	15.50	1 1/2	2	8 - 8 - 48				
Operating 3 to 5 presses....	37.5	18.00	1 1/2	2	8 - 8 - 48				
Little Rock, Ark.: Operat- ing 4 presses.....	33.3	16.00	3 1/2	2	11 8 - 8 - 48				

1 Double time after midnight and after 5 p. m. on Saturday.
 2 Scale became 29.2 cents on Sept. 1, 1916.
 3 Double time after midnight.
 4 Scale became 31.3 cents on Sept. 1, 1916.
 5 Scale became 33.3 cents on Sept. 1, 1916.
 6 Scale became 34.4 cents on July 1, 1916.
 7 Scale became 37.5 cents on July 1, 1916.
 8 Scale became 40.6 cents on July 1, 1916.
 9 Total 49 hours, but 1 hour in each week is paid for as overtime.
 10 Time and one-half after 6 p. m.
 11 Hours vary, but total 48 per week.
 12 Scale became 52.1 cents on Sept. 1, 1916.
 13 Scale became 37.5 cents on Sept. 1, 1916.
 14 Scale became 35.4 cents on Oct. 1, 1916.
 15 Scale became 40.6 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Louisville, Ky.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 press.....	25.0	12.00	¹ / _{1 1/2}	2	8 ³ / ₄ —4 ¹ / ₂ —48	12	.....	.....	.....
Operating 2 presses.....	28.1	13.50	¹ / _{1 1/2}	2	8 ³ / ₄ —4 ¹ / ₂ —48	12	.....	.....	.....
Operating 3 presses.....	30.2	14.50	¹ / _{1 1/2}	2	8 ³ / ₄ —4 ¹ / ₂ —48	12	.....	.....	.....
Operating 4 presses.....	32.3	15.50	¹ / _{1 1/2}	2	8 ³ / ₄ —4 ¹ / ₂ —48	12	.....	.....	.....
Operating 5 presses.....	34.4	16.50	¹ / _{1 1/2}	2	8 ³ / ₄ —4 ¹ / ₂ —48	12	.....	.....	.....
Memphis, Tenn.:									
Operating 1 or 2 presses.....	28.1	13.50	¹ / ₃	2	8—8—48	.....	.....	.....	.....
Operating 3 presses or 1 automatic press.....	31.3	15.00	¹ / ₃	2	8—8—48	.....	.....	.....	.....
Operating 4 presses.....	34.4	16.50	¹ / ₃	2	8—8—48	.....	.....	.....	.....
New Orleans, La.: Operat- ing 1 or 2 presses.....	34.4	16.50	¹ / ₂	¹ / ₂	8—8—48	.....	.....	.....	.....
WESTERN.									
Denver, Colo.:									
Operating 1 or 2 presses, or press assistants.....	37.5	18.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating 3 or 4 presses.....	41.7	20.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating 5 presses with an assistant.....	45.8	22.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating 6 presses with an assistant.....	50.0	24.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating 7 presses, with an assistant.....	52.1	25.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Los Angeles, Cal.:									
Operating 3 presses.....	40.6	19.50	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating 4 presses.....	42.7	20.50	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating more than 4 presses.....	44.8	21.50	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Operating Cox or Goss flat- bed presses.....	52.1	25.00	¹ / _{1 1/2}	2	8—8—48	.....	.....	.....	.....
Portland, Oreg.:									
Operating 1 or 2 presses.....	37.5	18.00	¹ / ₃	(¹ / ₂)	8—8—48	.....	.....	.....	.....
Operating 3 presses.....	43.8	21.00	¹ / ₃	(¹ / ₂)	8—8—48	.....	.....	.....	.....
Operating 4 presses.....	46.9	22.50	¹ / ₃	(¹ / ₂)	8—8—48	.....	.....	.....	.....
Salt Lake City, Utah:									
Operating 1 press.....	35.4	17.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	31.3	15.00	8—8—48	.....
Operating 2 presses.....	37.5	18.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	34.4	16.50	8—8—48	.....
Operating 3 presses.....	40.6	19.50	¹ / _{1 1/2}	¹ / ₂	8—8—48	37.5	18.00	8—8—48	.....
Operating 4 presses.....	43.8	21.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	41.7	20.00	8—8—48	.....
Operating 5 presses, with an assistant.....	43.8	21.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	41.7	20.00	8—8—48	.....
Operating 6 presses, with an assistant.....	46.9	22.50	¹ / _{1 1/2}	¹ / ₂	8—8—48	43.8	21.00	8—8—48	.....
Operating 8 presses, with an assistant.....	53.1	25.50	¹ / _{1 1/2}	¹ / ₂	8—8—48	50.0	24.00	8—8—48	.....
Press assistants, 5 presses.....	33.4	17.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	31.3	15.00	8—8—48	.....
Press assistants, 6 presses.....	37.5	18.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	33.3	16.00	8—8—48	.....
Press assistants, 8 presses.....	41.7	20.00	¹ / _{1 1/2}	¹ / ₂	8—8—48	37.5	18.00	8—8—48	.....

¹ Double time after midnight.

² Scale became 29.2 cents on Sept. 13, 1916.

³ Hours vary, but total 48 per week.

⁴ For Sundays, double time; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Concluded.

PRESSMEN: Platen—Concluded.

Geographical division and city.	May 15, 1916.				Hours—Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	May 1, 1915.		Hours—Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.			Per hour.	Per week full time.	
WESTERN—concluded.									
San Francisco, Cal.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Operating 1 or 2 presses.....	43.8	21.00	1½ 1½	8 - 8 - 48					
Operating 3 presses.....	50.0	24.00	1½ 1½	8 - 8 - 48					
Foremen.....	52.1	25.00	1½ 1½	8 - 8 - 48					
Seattle, Wash.:									
Foremen in charge of 1 or 2 presses.....	44.8	21.50	1½ 1½	8 - 8 - 48					
Foremen in charge of 3 or more presses.....	51.0	24.50	1½ 1½	8 - 8 - 48					
Operating 1 or 2 presses.....	41.7	20.00	1½ 1½	8 - 8 - 48					
Operating 3 or 4 presses.....	44.8	21.50	1½ 1½	8 - 8 - 48					
Spokane, Wash.:									
Operating 1 or 2 presses.....	40.6	19.50	2 1½ 2	8 - 8 - 48					
Operating 3 presses or 1 automatic press.....	43.8	21.00	2 1½ 2	8 - 8 - 48					
Operating 4 or more presses, or 2 automatic presses.....	50.0	24.00	2 1½ 2	8 - 8 - 48					

PRINTING AND PUBLISHING: NEWSPAPER.

COMPOSITORS: Daywork.

NORTH ATLANTIC.									
Boston, Mass.....	63.0	26.46	3 82c.	1	4 7 - 7 - 42				
Bridgeport, Conn.....	45.8	22.00	1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Buffalo, N. Y.:									
English.....	50.0	24.00	1½	2	8 - 8 - 48				
German.....	41.7	20.00	1½	2	8 - 8 - 48	39.6	19.00	8 - 8 - 48	
Fall River, Mass.....	43.8	21.00	6 1½	2	8 - 8 - 48				
Manchester, N. H.....	35.4	17.00	1½	1	8 - 8 - 48				
Newark, N. J.:									
English.....	60.9	28.00	2	1	7½ - 7½ - 46				
German.....	56.3	22.50	1½	1	8 - 0 - 40	55.0	22.00	8 - 0 - 40	
New Haven.....	47.9	23.00	1½	2	8 - 8 - 48				
New York, N. Y.:									
English.....	66.7	30.00	1½	7 1	7½ - 7½ - 45				
Bohemian.....	37.5	18.00	3 50c.	9 50c	8 - 8 - 48				
German.....	66.7	25.00	1½	1	7½ - 7½ - 37½				
Hebrew.....	86.1	31.00	11 1½	1	6 - 6 - 36	83.3	30.00	6 - 6 - 36	
Hungarian.....	52.4	22.00	1½	2	7½ - 4½ - 42	50.0	21.00	7½ - 4½ - 42	
Italian.....	54.8	23.00	1½	2	7 - 7 - 42				
Philadelphia, Pa.:									
English.....	41.7	20.00	1½	1	8 - 8 - 48				
German.....	55.0	22.00	1½	1	8 - 0 - 40				

1 For Labor Day, double time.

2 Double time after midnight.

3 Actual rate, in cents, per hour.

4 Actual hours worked; minimum, 6 per day, 36 per week; maximum, 8 per day, 48 per week.

5 Scale became 53.1 cents on June 19, 1916.

6 For first 6 hours; double time thereafter.

7 For Sun days, on 6-day newspapers, double time.

8 Scale became 41.7 cents on Sept. 1, 1916.

9 Actual rate, in cents, per hour for Sun days, and double time for holidays.

10 Scale became 70.7 cents on June 25, 1916.

11 Some of the force receive double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Daywork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half hollid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.:									
English.....	60.0	27.00	1 1/2	1	2 7/8-7 1/2-45				
German.....	55.0	26.40	3 75c.	1	8-8-48				
Providence, R. I.	50.0	24.00	3 70c.	1	8-8-48				
Rochester, N. Y.:									
English.....	41.7	20.00	1 1/2	2	8-8-48				
German.....	39.6	19.00	1 1/2	2	8-8-48				
Scranton, Pa.	47.9	23.00	1 1/2	1	8-8-48				
Worcester, Mass.:									
English.....	47.9	23.00	1 1/2	2	8-8-48	46.9	22.50	8-8-48	
French.....	43.8	21.00	1 1/2	2	8-8-48	42.7	20.50	8-8-48	
SOUTH ATLANTIC.									
Atlanta, Ga.	43.8	21.00	1 1/2	1	8-8-48				
Baltimore, Md.:									
English.....	59.5	25.00	3 75c.	1	7-7-42				
German.....	35.4	17.00	1 1/2	1	8-8-48				
Charleston, S. C.	33.3	16.00	1 1/2	1 1/2	8-8-48				
Jacksonville, Fla.	46.9	22.50	1 1/2	1 1/2	8-8-48				
Head ad men.	50.0	24.00	1 1/2	1	8-8-48				
Richmond, Va.	37.5	18.00	1 1/2	1	8-8-48				
Washington, D. C.	60.7	25.50	3 86c.	1	7-7-42				
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	62.0	27.90	1 1/2	1	9 7/8-7 1/2-45				
Bohemian.....	52.1	25.00	10 1 1/2	1 1/2	8-8-48	50.0	24.00	8-8-48	
German.....	62.5	25.00	2	2	8-8-40	56.8	25.00	8 1/2-10-44	
Norwegian.....	55.0	26.40	3 80c.	3 80c.	8-8-48				
Polish.....	50.0	24.00	10 1 1/2	2	8-8-48	47.9	23.00	8-8-48	
Swedish.....	50.0	24.00	11 1 1/2	2	8-8-48				
Cincinnati, Ohio.	56.3	27.00	1 1/2	1 1/2	8-8-48				
Cleveland, Ohio:									
English.....	53.8	25.80	1 1/2	1	8-8-48				
German.....	47.9	23.00	1 1/2	1 1/2	8-8-48				
Hungarian (make up)	55.2	24.00	13 1 1/2	14 1	15 7 1/2-6-43 1/2				
Hungarian.....	43.7	19.00	13 1 1/2	14 1	15 7 1/2-6-43 1/2	41.4	18.00	15 7 1/2-6-43 1/2	

1 After 8 hours a day.

2 Minimum; maximum, 8 per day, 48 per week.

3 Actual rate, in cents, per hour.

4 Scale became 45.8 cents on Nov. 1, 1916.

5 For Sundays and Labor Day; for other holidays, time and one-quarter.

6 Scale became 37.5 cents on June 4, 1916.

7 On 7-day newspapers, regular rate.

8 For Sundays, on 6-day newspapers, double time.

9 Actual hours worked; minimum, 7 hours per day, 42 per week; maximum, 8 hours per day, 48 per week.

10 Double time after 8 p. m.

11 Double time after 8 p. m. and on Saturday after completion of 48-hour week.

12 Scale became 50 cents on June 1, 1916.

13 Double time after midnight.

14 For Sundays; do not work on holidays.

15 Allowed 6 days off each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Daywork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.		Hours— Full days; Saturdays; Full week.	
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.		Per week full time.
NORTH CENTRAL—concluded.									
Columbus, Ohio:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
English	55.2	26.50	1 1/2	2	8 - 8 - 48		53.1	25.50	
German	50.0	24.00	1 1/2	(3)	8 - 8 - 48		46.9	22.50	
Detroit, Mich.:									
English	55.0	26.40	1 1/2	1 1/2	4 8 - 8 - 48				
Bankmen	43.8	21.00	1 1/2	1 1/2	4 8 - 8 - 48				
German	41.7	20.00	5 70c.	5 70c.	8 - 8 - 48		39.6	19.00	
Grand Rapids, Mich.	45.8	22.00	1 1/2	1	8 - 8 - 48			8 - 8 - 48	
Indianapolis, Ind.:									
English	50.0	24.00	1 1/2	6 1/2	8 - 8 - 48				
Bankmen	47.9	23.00	1 1/2	6 1/2	8 - 8 - 48				
German	45.8	22.00	(7)	(7)	8 - 8 - 48		43.8	21.00	
Kansas City, Mo.	59.4	28.50	1 1/2	6 1/2	8 - 8 - 48			8 - 8 - 48	
Milwaukee, Wis.:									
English	50.0	24.00	8 1/2	2	8 - 8 - 48				
German	43.8	21.00	1 1/2	2	8 - 8 - 48				
Minneapolis, Minn.:									
English	54.0	25.92	1 1/2	1	8 - 8 - 48				
German	40.6	19.50	1 1/2	2	8 - 8 - 48				
Omaha, Nebr.:									
English	53.1	25.50	1 1/2	1	8 - 8 - 48				
German	46.9	22.50	1 1/2	1	8 - 8 - 48				
Peoria, Ill.	45.0	21.15	1 1/2	2 1	10 8 - 7 - 47				
St. Louis, Mo.:									
English	58.7	27.00	(1)	1	7 3/4 - 7 3/4 - 46				
German	58.7	23.47	1	1	6 3/4 - 6 3/4 - 40				
St. Paul, Minn.:									
English	54.5	26.16	1 1/2	1	8 - 8 - 48				
German	40.6	19.50	1 1/2	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.	55.5	23.31	1 1/2	12 1	13 7 - 7 - 42		54.5	22.89	
Dallas, Tex.	59.4	28.50	1 1/2	2	8 - 8 - 48		55.0	26.40	
Proof readers	62.5	30.00	1 1/2	2	8 - 8 - 48		55.0	26.40	
Houston, Tex.	62.7	30.00	1 1/2	1	8 - 8 - 48		61.3	29.44	
Little Rock, Ark.	50.0	24.00	1 1/2	1 1/2	8 - 8 - 48			8 - 8 - 48	
Louisville, Ky.	50.0	24.00	1 1/2	1	8 - 8 - 48				
Head ad men	52.1	25.00	1 1/2	1	8 - 8 - 48				
Memphis, Tenn.	57.8	26.00	1 1/2	1	7 - 7 - 45				
Head ad men	62.2	28.00	1 1/2	1	7 1/2 - 7 1/2 - 45				
New Orleans, La.	57.0	24.23	1 1/2	1	7 - 7 - 42 1/2				

1 For first hour; double time thereafter.
 2 For Sundays; work 6 hours on holidays, paid for full day.
 3 Not reported.
 4 Maximum; minimum, 7 hours per day, 42 per week.
 5 Actual rate in cents per hour.
 6 On 7-day newspapers, regular rate.
 7 15 cents more than regular rate.
 8 Double time after midnight.
 9 Scale became 45.8 cents on July 1, 1916.
 10 For Saturday, 8 hours during December.
 11 1 1/2 cents per minute until 6 p. m.; 1 1/2 cents per minute thereafter.
 12 For Sundays, on 6-day newspapers, time and one-half.
 13 Minimum; maximum, 8 hours per day, 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Daywork—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
WESTERN.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Denver, Colo.....	63.3	28.50	1½	1	7½-7½-45				
Los Angeles, Cal.....	64.4	29.00	1½	1	7½-7½-45				
Portland, Oreg.....	68.3	30.75	1½	1	7½-7½-45				
Salt Lake City, Utah.....	62.5	30.00	1½	1	8-8-48				
San Francisco, Cal.:									
English.....	69.0	29.00	1½	1	7-7-42				
Head ad men and proof readers.....	76.2	32.00	1½	1	7-7-42				
French.....	57.8	26.00	1½	1	7½-7½-45				
Italian.....	57.8	26.00	1½	1	7½-7½-45				
Swedish.....	57.8	26.00	1½	1	7½-7½-45				
Seattle, Wash.....	75.0	31.50	2	115c.	7-7-42				
Spokane, Wash.....	66.7	30.00	1½	1	7½-7½-45	63.3	28.50		7½-7½-45

COMPOSITORS: Nightwork.

NORTH ATLANTIC.									
Boston, Mass.:									
Regular shift.....	67.0	28.14	2	87c.	1	47-7-42			
Lobster shift.....	72.0	30.24	2	87c.	1	47-7-42			
Bridgeport, Conn.....	50.0	24.00	1½	1	8-8-48	47.9	23.00		8-8-48
Buffalo, N. Y.....	56.3	27.00	1½	1	8-8-48				
Manchester, N. H.....	41.7	20.00	1½	1	8-8-48				
Newark, N. J.:									
English.....	67.4	31.00	2	1	7½-7½-46				
German.....	62.5	25.00	1½	1	8-0-40	61.3	24.50		8-0-40
New Haven, Conn.....	54.2	26.00	1½	1	8-8-48				
New York, N. Y.:									
English.....	73.3	33.00	1½	6	1	7½-7½-45			
English, 3d shift, 2 a. m. to 10 a. m.....	85.7	36.00	1½	6	1	7-7-42			
German.....	73.3	27.50	1½	2	7½-0-37½				
Hebrew.....	114.8	31.00	1½	1	4½-4½-27	111.1	30.00		4½-4½-27
Hungarian.....	66.7	28.00	1½	2	7-7-42	64.3	27.00		7-7-42
Italian.....	59.5	25.00	1½	2	7-7-42				
Philadelphia, Pa.:									
English.....	47.8	22.00	1½	1	7½-7½-46				
German.....	60.0	24.00	1½	1	8-0-40				
Pittsburgh, Pa.:									
English.....	65.0	29.25	8	1½	1	9	7½-7½-45		
German.....	65.0	26.40	2	75c.	1	8-8-48			
Providence, R. I.....	57.8	26.00	2	70c.	1	7½-7½-45			
Rochester, N. Y.....	45.8	22.00	1½	1	8-8-48				
Seranton, Pa.....	54.2	26.00	1½	1	8-8-48				
Worcester, Mass.....	54.2	26.00	1½	1	8-8-48	53.1	25.50		8-8-48

¹ Scale became 69 cents and 42 hours on Oct. 1, 1916.

² Actual rate, in cents, per hour.

³ For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day.

⁴ Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.

⁵ Scale became 59.4 cents on June 19, 1916.

⁶ For Sundays on 6-day newspapers, double time.

⁷ Scale became 77.3 cents on June 25, 1916.

⁸ After 8 hours a day.

⁹ Minimum; maximum, 8 hours per day, 48 per week.

¹⁰ Must set not less than 6,000 ems, 10-point, per hour.

¹¹ Scale became 47.9 cents on Nov. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Nightwork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
SOUTH ATLANTIC.									
Atlanta, Ga.....	Cents. 50.0	Dolls. 24.00	1½	1	8 - 8 - 48		Cents. Dolls.		
Baltimore, Md.:									
English.....	61.9	26.00	1 80c.	1	7 - 7 - 42				
German.....	45.0	18.00	1 60c.	1	8 - 0 - 40				
Charleston, S. C.....	33.3	16.00	1½	1½	8 - 8 - 48				
Richmond, Va.....	41.7	20.00	1½	1	8 - 8 - 48				
Washington, D. C.....	66.6	27.96	1 94½c.	1	7 - 7 - 42				
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	67.0	30.15	1½	1	5 7½ - 7½ - 45				
German.....	68.8	27.50	2	2	8 - 0 - 40	62.5	27.50	8½ - 10 - 44	
Norwegian.....	60.0	28.80	1 80c.	1 80c.	8 - 8 - 48				
Cincinnati, Ohio:									
English.....	62.5	30.00	1½	1	8 - 8 - 48				
German.....	50.0	20.00	1½	1	8 - 0 - 40				
Cleveland, Ohio.....	60.0	28.80	1½	1	8 - 8 - 48				
Columbus, Ohio.....	61.5	29.50	6 1½	7 2	8 - 8 - 48	59.4	28.50	8 - 8 - 48	
Detroit, Mich.....	60.0	28.80	1½	1	8 - 8 - 48				
Bankmen.....	45.8	22.00	1½	1	8 - 8 - 48				
Grand Rapids, Mich.....	50.0	24.00	1½	1	8 - 8 - 48				
Indianapolis, Ind.....	54.2	26.00	1½	3 1½	8 - 8 - 48				
Bankmen.....	52.1	25.00	1½	3 1½	8 - 8 - 48				
Kansas City, Mo.....	62.5	30.00	1½	1	8 - 8 - 48	59.4	28.50	8 - 8 - 48	
Milwaukee, Wis.:									
English.....	56.3	27.00	1½	1	8 - 8 - 48				
German.....	50.0	24.00	1½	1	8 - 8 - 48				
Minneapolis, Minn.....	60.0	28.80	1½	1	8 - 8 - 48				
Omaha, Nebr.:									
English.....	59.4	28.50	1½	1	8 - 8 - 48				
German.....	53.1	25.50	1½	1½	8 - 8 - 48				
Peoria, Ill.....	50.0	24.00	1½	8 1	8 - 8 - 48				
St. Louis, Mo.:									
English.....	66.7	30.00	(1) 0	1	7½ - 7½ - 45				
German.....	66.7	26.67	1	1	7½ - 10 - 40				
St. Paul, Minn.....	61.0	29.28	1½	1	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	60.5	25.41	1½	11 2	12 7 - 7 - 42	59.5	24.99	12 7 - 7 - 42	
Dallas, Tex.....	65.6	31.50	1½	2	8 - 8 - 48	62.5	30.00	8 - 8 - 48	
Proof readers.....	68.8	33.00	1½	2	8 - 8 - 48	65.6	31.50	8 - 8 - 48	
Houston, Tex.....	65.3	31.36	1½	1	8 - 8 - 48	64.0	30.72	8 - 8 - 48	
Little Rock, Ark.....	54.2	26.00	1½	1½	8 - 8 - 48				

1 Actual rate, in cents, per hour.
 2 Scale became 52.1 cents on June 4, 1916.
 3 On 7-day newspapers, regular rate.
 4 For Sundays on 6-day newspapers, double time.
 5 Actual hours worked: minimum, 7 hours per day, 42 per week; maximum, 8 hours per day, 48 per week.
 6 For first hour; double time thereafter.
 7 For Sundays; work 6 hours on holidays, paid for full day.
 8 Maximum; minimum, 7 hours per day, 42 per week.
 9 Scale became 52.1 cents on July 1, 1916.
 10 1½ cents per minute until 5 a. m.; 1½ cents per minute thereafter.
 11 For Sundays, on 6-day newspapers, time and one-half.
 12 Minimum; maximum, 8 hours per day, 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Nightwork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Louisville, Ky.:			Regular rate multi- plied by—						
English.....	Cents. 55.0	Dolls. 26.40	1½	1	8 - 8 -48				
Head ad men.....	62.5	30.00	1½	1	8 - 8 -48				
German.....	45.0	18.00	150c.	1	8 - 0 -40				
Memphis, Tenn.....	62.0	27.90	1½	1	7½ - 7½-45	58.0	27.84	8 - 8 -48	
Head ad men.....	66.7	30.00	1½	1	7½ - 7½-45	62.5	30.00	8 - 8 -48	
New Orleans, La.....	62.0	28.52	1½	1	2 7½ - 8½-46				
WESTERN.									
Denver, Colo.....	70.0	31.50	1½	1	7½ - 7½-45				
Los Angeles, Cal.....	71.1	32.00	1½	1	7½ - 7½-45				
Portland, Oreg.....	75.0	33.75	1½	1	7½ - 7½-45				
Salt Lake City, Utah.....	68.8	33.00	1½	1	8 - 8 -48				
San Francisco, Cal.:									
English.....	76.2	32.00	1½	1	7 - 7 -42				
Head ad men and proof readers.....	83.3	35.00	1½	1	7 - 7 -42				
French.....	64.4	29.00	1½	1	3 7½ - 7½-45				
German.....	64.4	29.00	1½	1	3 7½ - 7½-45				
Italian.....	64.4	29.00	1½	1	3 7½ - 7½-45				
Swedish.....	64.4	29.00	1½	1	3 7½ - 7½-45				
Seattle, Wash.....	82.1	34.50	120c.	1	7 - 7 -42				
Spokane, Wash.....	73.3	33.00	1½	1	7½ - 7½-45	70.0	31.50	7½ - 7½-45	

LINOTYPE OPERATORS: Daywork.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For overtime.	For work on Sundays and holidays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.....	63.0	26.46	182c.	182c.	5 7 - 7 -42				
Bridgeport, Conn.....	45.8	22.00	1½	2	8 - 8 -48		43.8	21.00	8 - 8 -48
Buffalo, N. Y.:									
English.....	50.0	24.00	1½	2	8 - 8 -48				
German.....	41.7	20.00	1½	2	8 - 8 -48		39.6	19.00	8 - 8 -48
Fall River, Mass.....	45.8	22.00	7 1½	2	8 - 8 -48				
Manchester, N. H.....	35.4	17.00	1½	1	8 - 8 -48				
Newark, N. J.:									
English.....	60.9	28.00	2	1	7½ - 7½-46				
German.....	56.3	22.50	1½	1	8 - 0 -40		55.0	22.00	8 - 0 -40
New Haven, Conn.....	47.9	23.00	1½	2	8 - 8 -48				
New York, N. Y.:									
English.....	66.7	30.00	1½	8 1	7½ - 7½-45				
Bohemian.....	47.6	20.00	150c.	10 50c.	7 - 7 -42				
German.....	166.7	25.00	1½	2	7½ - 7½-37½				
Hebrew.....	86.1	31.00	1½	1	6 - 6 -36		83.3	30.00	6 - 6 -36
Hungarian.....	59.5	25.00	1½	2	7 - 7 -42		57.1	24.00	7 - 7 -42
Italian.....	54.8	23.00	1½	2	7 - 7 -42				

1 Actual rate, in cents, per hour.
 2 Minimum; maximum, 8 hours per day, 48 per week.
 3 Scale became 76.2 cents and 42 hours on Oct. 1, 1916.
 4 For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day.
 5 Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.
 6 Scale became 53.1 cents on June 19, 1916.
 7 For first 6 hours; double time thereafter.
 8 For Sundays, on 6-day newspapers, double time.
 9 Scale became 52.4 cents on Sept. 1, 1916.
 10 Actual rate, in cents, per hour for Sundays; for holidays, double time.
 11 Scale became 70.7 cents on June 25, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Daywork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half half- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
English.....	45.8	22.00	1½	1	8 - 8 - 48				
German.....	55.0	22.00	1½	1	8 - 0 - 40				
Pittsburgh, Pa.....	60.0	27.00	1½	1	2 7½- 7½-45				
Providence, R. I.....	50.0	24.00	3 70c.	1	8 - 8 - 48				
Providence, R. I.....	4 11.5		1	1	2 6½- 6½-39				
Rochester, N. Y.:									
English.....	45.8	22.00	1½	2	8 - 8 - 48				
German.....	39.6	19.00	1½	2	8 - 8 - 48				
Scranton, Pa.....	47.9	23.00	1½	1	8 - 8 - 48				
Worcester, Mass.:									
English.....	47.9	23.00	1½	6 2	8 - 8 - 48	46.9	22.50	8 - 8 - 48	48
French.....	43.8	21.00	1½	6 2	8 - 8 - 48	42.7	20.50	8 - 8 - 48	48
SOUTH ATLANTIC.									
Atlanta, Ga.....	48.5		1½	1	8 - 8 - 48				
Baltimore, Md.:									
English.....	50.5	25.00	3 75c.	1	7 - 7 - 42				
German.....	45.0	21.60	1½	1	8 - 8 - 48	(7)	(7)	(7)	
Charleston, S. C.....	49.0		(9)	(9)	2 6½- 6½-39				
Jacksonville, Fla.....	52.1	25.00	1½	10 1	11 8 - 8 - 48				
Richmond, Va.....	45.8	22.00	1½	1	8 - 8 - 48				
Washington, D. C.....	60.7	25.50	3 86c.	1	7 - 7 - 42				
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	1250.0		1½	13 2	7½- 7½-45				
Bohemian.....	1415.0		15 1½	1½	6 - 6 - 36	1414.0		6 - 6 - 36	
German.....	62.5	25.00	2	2	8 - 8 - 40	56.8	25.00	8½-10 - 44	
Norwegian.....	55.0	24.40	3 80c.	3 80c.	8 - 8 - 48				
Polish.....	50.0	24.40	16 1½	2	8 - 8 - 48				
Swedish.....	50.0	24.00	17 1½	2	8 - 8 - 48				
Cincinnati, Ohio.....	56.3	27.00	1½	1½	8 - 8 - 48				

1 After 8 hours a day.

2 Minimum; maximum, 8 hours per day, 48 per week.

3 Actual rate, in cents, per hour.

4 Per 1,000 ems nonpareil.

5 Scale became 47.9 cents on Nov. 1, 1916.

6 For Sundays and Labor Day; other holidays, time and one-quarter.

7 No scale on May 1, 1915.

8 10 cents per 1,000 ems nonpareil.

9 On 6-day newspapers, 10 cents per 1,000 ems nonpareil; on 7-day newspapers, regular rate.

10 For Sundays, on 6-day newspapers double time.

11 Maximum; minimum, 7 per day, 42 per week.

12 For 3,500 ems agate or nonpareil per hour; 55 cents for 4,500 ems and 1 cent for each 100 ems over 4,500 per hour.

13 For holidays, on 6-day newspapers, regular rate.

14 Per 1,000 ems, 8-point or under; over 8-point, 17 cents.

15 For first three hours; double time thereafter.

16 Double time after 8 p. m.

17 Double time after 8 p. m. and on Saturday, after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Daywork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Per hour.	Per week full time.	
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.					
NORTH CENTRAL—concluded.									
Cleveland, Ohio:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
English.....	53.8	25.89	1½	1	8 - 8 - 48				
German.....	50.0	24.00	1½	1½	8 - 8 - 48				
Hungarian (morning shift).....	55.2	24.00	1½	2 1	7½ - 6 - 43½				
Hungarian (afternoon shift).....	57.5	25.00	1½	2 1	7½ - 6 - 43½				
Columbus, Ohio.....	55.2	26.50	4 ½	5 2	8 - 8 - 48		53.1	25.50	8 - 8 - 48
Detroit, Mich.:									
English.....	55.0	26.40	1½	1½	6 8 - 8 - 48				
German.....	72.0	24.00	1½	1½	6 8 - 8 - 48				
Grand Rapids, Mich.....	55.0	22.00	8 70c.	8 70c.	8 - 8 - 40		52.5	21.00	8 - 8 - 40
Indianapolis, Ind.:									
English.....	50.0	24.00	1½	10 1½	8 - 8 - 48				
German.....	54.2	26.00	(11)	(11)	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Kansas City, Mo.....	59.4	28.50	1½	10 1½	8 - 8 - 48				
Milwaukee, Wis.:									
English.....	50.0	24.00	12 1½	2	8 - 8 - 48				
German.....	1345.8	22.00	1½	2	8 - 8 - 48				
Minneapolis, Minn.....	1410.0	1	1	1	8 - 8 - 48				
Omaha, Nebr.:									
English.....	53.1	25.59	1½	1	8 - 8 - 48				
German.....	46.9	22.59	1½	1	8 - 8 - 48				
Peoria, Ill.....	45.0	21.15	1½	5 1	15 8 - 7 - 47				
St. Louis, Mo.:									
English.....	1411.0		(16)	1	17 6½ - 6½ - 39				
German.....	58.7	23.47	1	1	6½ - 6½ - 40				
St. Paul, Minn.:									
English.....	54.5	26.16	1½	1	8 - 8 - 48				
German.....	1410.0		1½	1	8 - 8 - 48				
German.....	40.6	19.50	1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	55.5	23.31	1½	10 1½	18 7 - 7 - 42		54.5	22.89	18 7 - 7 - 42
Birmingham, Ala.....	14 9.0		1½	10 1½	18 7 - 7 - 42				
Dallas, Tex.....	1412.0		1½	2	19 6½ - 6½ - 39		1412.5		19 6½ - 6½ - 39
Houston, Tex.....	1411.0		1½	1	20 6½ - 6½ - 39				

1 Work after midnight prohibited.

2 For Sundays; do not work on holidays.

3 Allowed 6 days off each year with pay.

4 For first hour; double time thereafter.

5 For Sundays; work 6 hours on holidays, paid for full day.

6 Maximum; minimum, 7 hours per day, 42 per week.

7 Per 100 lines nonpareil.

8 Actual rate, in cents, per hour.

9 Scale became 53.1 cents on July 1, 1916, and 56.3 cents on Oct. 1, 1916.

10 On 7-day newspapers, regular rate.

11 15 cents more than regular rate.

12 Double time after midnight.

13 Scale became 47.9 cents on July 1, 1916.

14 Per 1,000 ems nonpareil.

15 Work 8 hours on Saturdays during December.

16 After 6 p. m. 1½ cents per minute.

17 Minimum; maximum, 7½ hours per day, 46 per week.

18 Minimum; maximum, 8 hours per day, 48 per week.

19 Maximum; minimum, 5½ hours per day, 33 per week.

20 Minimum; maximum, 7 hours per day, 42 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Daywork—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For work on Sun-days and holi-days.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Little Rock, Ark.....	65.0	27.30	1½	1½	7 - 7 - 42				
Little Rock, Ark.....	19.5		1½	1½	7 - 7 - 42				
Louisville, Ky.....	50.0	24.00	1½	1	8 - 8 - 48				
Memphis, Tenn.....	19.5		1½	1	2 7½ - 7½ - 45				
New Orleans, La.....	10.0		1½	1	7 - 7 - 42				
WESTERN.									
Denver, Colo.....	63.3	28.50	1½	1	7½ - 7½ - 45				
Los Angeles, Cal.....	64.4	29.00	1½	1	7½ - 7½ - 45				
Portland, Oreg.....	68.3	30.75	1½	1	7½ - 7½ - 45				
Salt Lake City, Utah.....	10.0		1½	1	5 8 - 8 - 48				
San Francisco, Cal.:									
English.....	69.0	29.00	1½	1	7 - 7 - 42				
French.....	57.8	26.00	1½	1	6 7½ - 7½ - 45				
German.....	57.8	26.00	1½	1	6 7½ - 7½ - 45				
Italian.....	57.8	26.00	1½	1	6 7½ - 7½ - 45				
Swedish.....	57.8	26.00	1½	1	6 7½ - 7½ - 45				
Seattle, Wash.....	75.0	31.50	7 115c.	8 1	7 - 7 - 42				
Spokane, Wash.....	66.7	30.00	1½	1	7½ - 7½ - 45	63.3	28.50	7½ - 7½ - 45	

LINOTYPE OPERATORS: Nightwork.

NORTH ATLANTIC.									
City	Per hour	Per week	For over-time	For work on Sun-days and holi-days	Hours	Per hour	Per week	Hours	
Boston, Mass.....	67.0	28.14	7 87c.	1	10 7 - 7 - 42				
Lobster suift.....	72.0	30.24	7 87c.	1	10 7 - 7 - 42				
Bridgeport, Conn.....	50.0	24.00	1½	1	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
Buffalo, N. Y.:									
English.....	156.3	27.00	1½	1	8 - 8 - 48				
German.....	45.8	22.00	1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Manchester, N. H.....	41.7	20.00	1½	1	8 - 8 - 48				
Newark, N. J.:									
English.....	67.4	31.00	2	1	7½ - 7½ - 46				
German.....	62.5	25.00	1½	1	8 - 0 - 40	61.3	24.50	8 - 0 - 40	
New Haven, Conn.....	54.2	26.00	1½	1	8 - 8 - 48				
New York, N. Y.:									
English.....	73.3	33.00	1½	12 1	7½ - 7½ - 45				
English (third shift, 2 a. m. to 10 a. m.).....	85.7	36.00	1½	12 1	7 - 7 - 42				

1 Per 1,000 ems nonpareil.
 2 Maximum; minimum, 8 hours per day, 48 per week.
 3 Per 1,000 ems agate or nonpareil.
 4 Per 1,000 ems agate or nonpareil; 11 cents per 1,000 ems minion.
 5 Minimum; maximum, 6½ hours per day, 39 per week.
 6 Scale became 69 cents and 42 hours on Oct. 1, 1916.
 7 Actual rate, in cents, per hour.
 8 For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day.
 9 And 1 cent per 100 ems over 41,250 ems per day.
 10 Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.
 11 Scale became 53.3 cents on June 19, 1916.
 12 For Sundays, on 6-day newspapers, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916 AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued

LINOTYPE OPERATORS: Nightwork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
New York, N. Y.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi-plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
German.....	173.3	27.50	1½	1	7½-7½-37½				
Hebrew.....	114.8	31.00	1½	1	4½-4½-27	111.1	30.00	4½-4½-27	
Hungarian.....	61.9	26.00	1½	2	7-7-42	59.5	25.00	7-7-42	
Italian.....	59.5	25.00	1½	2	7-7-42				
Philadelphia, Pa.:									
English.....	54.3	25.00	1½	1	7½-7½-46				
German.....	60.0	24.00	1½	1	8-0-40				
Pittsburgh, Pa.:									
English.....	65.0	29.25	2 1½	1	3 7½-7½-45				
German.....	55.0	26.40	4 75c.	1	8-8-48				
Providence, R. I.	57.8	26.00	4 70c.	1	7½-7½-45				
Providence, R. I.	12.5			1	6-6-36				
Rochester, N. Y.	75.0	24.00	1½	1	8-8-48				
Seranton, Pa.	54.2	25.00	1½	1	8-8-48				
Worcester, Mass.	54.2	26.00	1½	1	8-8-48				
SOUTH ATLANTIC.									
Atlanta, Ga.	10.0		1½	1	8-8-48				
Baltimore, Md.:									
English.....	61.9	26.00	4 80c.	1	7-7-42				
German.....	45.0	18.00	4 60c.	1	8-0-40				
Charleston, S. C.	11.0			1	8 6½-6½-40½				
Richmond, Va.	50.0	24.00	1½	1	8-8-48				
Washington, D. C.	66.6	27.96	4 94½c.	1	7-7-42				
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	55.0		1½	10 1	7½-7½-45				
Bohemian.....	117.0		12 1½	1½	6-6-36				
German.....	68.8	27.50	2	2	8-8-40	62.5	27.50	8½-10-44	
Norwegian.....	60.0	23.80	4 80c.	4 80c.	8-8-48				
Swedish.....	55.0	26.40	1½	2	8-8-48				
Cincinnati, Ohio:									
English.....	62.5	30.00	1½	1	8-8-48				
German.....	50.0	20.00	1	1	8-8-40				
Cleveland, Ohio:									
English.....	60.0	23.80	1½	1	8-8-48				
Hungarian.....	59.8	26.00	13 1½	14 1	15 7½-6-43½				
Columbus, Ohio.	61.5	29.50	16 1½	17 2	8-8-48	59.4	28.50	8-8-48	

¹ Scale became 77.3 cents on June 25, 1916.

² After 8 hours a day.

³ Minimum; maximum, 8 hours per day, 48 per week.

⁴ Actual rate, in cents, per hour.

⁵ Per 1,000 ems nonpareil.

⁶ Minimum; maximum, 7½ hours per day, 45 per week.

⁷ Scale became 52.1 cents on Nov. 1, 1916.

⁸ Actual hours worked; minimum 6 hours per day, 36 per week; maximum 8 hours per day, 48 per week.

⁹ For 3,500 ems, agate or nonpareil, per hour; 60 cents for 4,500 ems per hour, and 1 cent for each 100 ems over 4,500 ems per hour.

¹⁰ For Sundays on 6-day newspapers, double time.

¹¹ Per 1,000 ems, 8-point or under; over 8-point, 19 cents.

¹² For first 3 hours; double time thereafter.

¹³ Work after midnight prohibited.

¹⁴ For Sundays; do not work on holidays.

¹⁵ Allowed 6 days off each year, with pay.

¹⁶ For first hour; double time thereafter.

¹⁷ For Sundays; work 6 hours on holidays, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Nightwork—Continued.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Detroit, Mich.....	60.0	28.80	1½	1	1 8 - 8 -48				
Detroit, Mich..... ²	26.0		1½	1	1 8 - 8 -48				
Grand Rapids, Mich.....	50.0	24.00	1½	1	8 - 8 -48				
Indianapolis, Ind..... ³	54.2	26.00	1½	1½	8 - 8 -48				
Kansas City, Mo.....	62.5	30.00	1½	1	8 - 8 -48		59.4	28.50	8 - 8 -48
Milwaukee, Wis.:									
English.....	56.3	27.00	1½	1	8 - 8 -48				
German.....	52.1	25.00	1½	1	8 - 8 -48				
Minneapolis, Minn.....	11.0		1	1	7 6 - 6 -36				
Omaha, Nebr.:									
English.....	59.4	28.50	1½	1	8 - 8 -48				
German.....	53.1	25.50	1½	1	8 - 8 -48				
Peoria, Ill.....	50.0	24.00	1½	8 1	8 - 8 -48				
St. Louis, Mo.:									
English..... ⁶	13.0		(⁹)	1	10 6½ - 6½ -39				
German.....	66.7	26.67	1	1	7½ - 10 -40				
St. Paul, Minn.:									
English.....	61.0	29.28	1½	1	8 - 8 -48				
English..... ⁶	11.0		1½	1	8 - 8 -48				
German.....	46.9	22.50	1½	2	8 - 8 -48				
SOUTH CENTRAL.									
Birmingham, Ala.....	60.5	25.41	1½	11 1	11 7 - 7 -42				
Birmingham, Ala..... ⁶	10.0		1½	11 1	11 7 - 7 -42				
Dallas, Tex..... ⁶	13.0		1½	2	12 6½ - 6½ -39				
Houston, Tex..... ⁶	11.5		1½	1	13 6½ - 6½ -39				
Little Rock, Ark.....	70.0	29.40	1½	1	7 - 7 -42				
Little Rock, Ark..... ⁶	10.0		1½	1	7 - 7 -42				
Louisville, Ky.:									
English.....	55.0	26.40	1½	1	8 - 8 -48				
German.....	50.0	20.00	14 50c.	1	8 - 0 -40				
Memphis, Tenn..... ⁶	10.5		1½	1	7½ - 7½ -45		10.5		8 - 8 -48
New Orleans, La..... ⁶	12.0		1½	1	7 - 7½ -42½				
WESTERN.									
Denver, Colo.....	70.0	31.50	1½	1	7½ - 7½ -45				
Los Angeles, Cal.....	71.1	32.00	1½	1	7½ - 7½ -45				
Portland, Oreg.....	75.0	33.75	1½	1	7½ - 7½ -45				
Salt Lake City, Utah..... ¹⁵	11.0		1½	1	8 - 8 -48				

1 Maximum; minimum, 7 hours per day, 42 per week.
2 Per 100 lines, nonpareil.
3 Scale became 56.3 cents on July 1, 1916, and 60.4 cents on Oct. 1, 1916.
4 On 7-day newspapers, regular rate.
5 Scale became 54.2 cents on July 1, 1916.
6 Per 1,000 ems, nonpareil.
7 Minimum; maximum, 8 hours per day, 48 per week.
8 For Sundays; work 6 hours on holidays, paid for full day.
9 1½ cents per minute after 5 a. m.
10 Minimum; maximum, 7½ hours per day, 45 per week.
11 For Sundays, on 6-day newspapers, time and one-half.
12 Maximum; minimum, 5½ hours per day, 33 per week.
13 Minimum; maximum, 7 hours per day, 42 per week.
14 Actual rate, in cents, per hour.
15 Per 1,000 ems, agate or nonpareil; 12 cents per 1,000 ems, minion.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Nightwork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week	Number of mos. with Sat- urday half day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
WESTERN—concluded.									
San Francisco, Cal.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
English.....	76.2	32.00	1½	1	7 - 7 - 42				
French.....	64.4	29.00	1½	1	7½ - 7½ - 45				
German.....	64.4	29.00	1½	1	7½ - 7½ - 45				
Italian.....	64.4	29.00	1½	1	7½ - 7½ - 45				
Seattle, Wash.....	82.1	34.50	120c.	31	7 - 7 - 42				
Spokane, Wash.....	73.3	33.00	1½	1	7½ - 7½ - 45	70.0	31.50		7½ - 7½ - 45

MACHINE TENDERS: Daywork.

NORTH ATLANTIC.									
Boston, Mass.....	63.0	26.46	82c.	1	57 - 7 - 42				
Bridgeport, Conn.....	45.8	22.00	1½	2	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Buffalo, N. Y.....	58.3	28.00	1½	2	8 - 8 - 48				
Fall River, Mass.....	45.8	22.00	1½	2	8 - 8 - 48				
Manchester, N. H.....	52.1	25.00	1½	1	8 - 8 - 48				
Newark, N. J.....	60.9	28.00	2	1	7½ - 7½ - 46				
New Haven, Conn.....	51.0	24.50	1½	2	8 - 8 - 48				
New York, N. Y.:									
1 to 4 machines.....	55.6	25.00	1½	8 1	7½ - 7½ - 45				
5 to 8 machines.....	57.8	26.00	1½	8 1	7½ - 7½ - 45				
9 to 12 machines.....	64.4	29.00	1½	8 1	7½ - 7½ - 45				
13 or more machines.....	68.9	31.00	1½	8 1	7½ - 7½ - 45				
Philadelphia, Pa.....	45.8	22.00	1½	1	8 - 8 - 48				
Pittsburgh, Pa.....	66.7	30.00	1½	10	7½ - 7½ - 45				
Assistants.....	43.3	19.50	1½	10	7½ - 7½ - 45				
Providence, R. I.....	50.0	24.00	70c.	1	8 - 8 - 48				
Rochester, N. Y.....	50.0	24.00	1½	2	8 - 8 - 48				
Seranton, Pa.....	47.9	23.00	1½	1	8 - 8 - 48				
Worcester, Mass.....	47.9	23.00	1½	12 2	8 - 8 - 48	46.9	22.50		8 - 8 - 48
SOUTH ATLANTIC.									
Atlanta, Ga.....	52.1	25.00	1½	1	8 - 8 - 48				
Baltimore, Md.....	59.5	25.00	75c.	1	7 - 7 - 42				
Jacksonville, Fla.....	52.1	25.00	1½	8 1	8 - 8 - 48				
Richmond, Va.....	45.8	22.00	1½	1	8 - 8 - 48				
Washington, D. C.....	60.7	25.50	86c.	1	7 - 7 - 42				

1 Scale became 76.2 cents and 42 hours on Oct. 1, 1916.

2 Actual rate, in cents, per hour.

3 For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day.

4 And 1 cent per 100 ems over 41,250 ems per day.

5 Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.

6 Scale became 61.5 on June 19, 1916.

7 For first 6 hours; double time thereafter.

8 For Sundays, on 6-day newspaper, double time.

9 After 8 hours a day.

10 Minimum; maximum, 8 hours per day, 48 per week.

11 Scale became 52.1 cents on Nov. 1, 1916.

12 For Sundays and Labor Day; other holidays, time and one-quarter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINE TENDERS: Daywork—Concluded.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
English.....	64.4	29.00	1½	1	7½-7½-45				
Bohemian.....	59.0	21.24	2 1½	1½	6-6-36	56.0	20.16	6-6-36	
German.....	62.5	25.00	2	2	8-8-40	56.8	25.00	8½-10-44	
Swedish.....	50.0	24.00	3 1½	2	8-8-48				
Cincinnati, Ohio.....	56.3	27.00	1½	1½	8-8-48				
Assistants.....	47.9	23.00	1½	1½	8-8-48				
Helpers.....	37.5	18.00	1½	1½	8-8-48				
Cleveland, Ohio.....	53.8	25.80	1½	1	8-8-48				
Columbus, Ohio.....	55.2	26.50	4 1½	5 2	8-8-48	53.1	25.50	8-8-48	
Detroit, Mich.....	55.0	26.40	1½	1½	6 8-8-48				
Grand Rapids, Mich.....	45.8	22.00	1½	1	8-8-48				
Indianapolis, Ind.....	50.0	24.00	1½	7 1½	8-8-48				
Assistants.....	45.8	22.00	1½	7 1½	8-8-48				
Kansas City, Mo.....	62.5	30.00	1½	1½	8-8-48				
Milwaukee, Wis.....	50.0	24.00	8 1½	2	8-8-48				
Minneapolis, Minn.....	54.0	25.92	1½	1	8-8-48				
Omaha, Nebr.....	53.1	25.50	1½	1	8-8-48				
Peoria, Ill.....	45.0	21.15	1½	5 1	5 8-7-47	45.0	21.60	8-8-48	
St. Louis, Mo.....	58.7	27.00	(10) 1½	1	7½-7½-46				
St. Paul, Minn.....	54.5	26.16	1½	1	8-8-48				
SOUTH CENTRAL.									
Birmingham, Ala.....	55.5	23.31	1½	11 1	12 7-7-42	54.5	22.89	7-7-42	
Dallas, Tex.....	62.5	30.00	1½	2	8-8-48				
Houston, Tex.....	72.9	35.00	1½	1	8-8-48				
Assistants.....	58.3	28.00	1½	1	8-8-48	57.3	27.50	8-8-48	
Little Rock, Ark.....	54.2	26.00	1½	1½	8-8-48				
Louisville, Ky.:									
14 to 18 machines.....	62.5	30.00	1½	7 1½	8-8-48				
19 to 25 machines.....	66.7	32.00	1½	7 1½	8-8-48				
Memphis, Tenn.....	66.7	30.00	1½	1	7½-7½-45				
New Orleans, La.....	57.0	24.23	1½	1	7-7½-42½				
WESTERN.									
Denver, Colo.....	63.3	28.50	1½	1	7½-7½-45				
Los Angeles, Cal.....	64.4	29.00	1½	1	7½-7½-45				
Portland, Oreg.....	68.3	30.75	1½	1	7½-7½-45				
Assistants.....	40.0	18.00	1½	1	7½-7½-45				
Salt Lake City, Utah.....	62.5	30.00	1½	1	14 8-8-48				
San Francisco, Cal.....	76.2	32.00	1½	1	7-7-42				
Assistants.....	61.9	26.00	1½	1	7-7-42				
Seattle, Wash.....	75.0	31.50	1½	16 1	7-7-42				

1 For Sundays, on 6-day newspaper, double time.
 2 For first 3 hours; double time thereafter.
 3 Double time after 8 p. m. and on Saturday after completion of 48-hour week.
 4 For first hour; double time thereafter.
 5 For Sundays; work 6 hours on holidays, paid for full day.
 6 Maximum; minimum, 7 hours per day, 42 per week.
 7 On 7-day newspapers, regular rate.
 8 Double time after midnight.
 9 8 hours on Saturday during December.
 10 1½ cents per minute until 6 p. m.; 1½ cents per minute thereafter.
 11 For Sundays, on 6-day newspapers, time and one-half.
 12 Minimum; maximum, 8 hours per day, 48 per week.
 13 Scale became 59.4 cents on July 21, 1916.
 14 Maximum; minimum 6½ hours per day, 39 per week.
 15 Actual rate, in cents, per hour.
 16 For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINE TENDERS: Nightwork.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.....	72.0	30.24	¹ 87c.	1	2 7 - 7 - 42				
Buffalo, N. Y.....	³ 58.3	28.00	$\frac{1}{2}$	1	8 - 8 - 48				
Newark, N. J.....	67.4	31.00	2	1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 46				
New Haven, Conn.....	60.4	29.00	$\frac{1}{2}$	1	8 - 8 - 48				
New York, N. Y.:									
1 to 4 machines.....	66.7	30.00	$\frac{1}{2}$	¹¹ 1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
5 to 8 machines.....	68.9	31.00	$\frac{1}{2}$	¹¹ 1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
9 to 12 machines.....	75.6	34.00	$\frac{1}{2}$	¹¹ 1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
13 or more machines.....	80.0	36.00	$\frac{1}{2}$	¹¹ 1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
Philadelphia, Pa.....	54.3	25.00	$\frac{1}{2}$	1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 46				
Pittsburgh, Pa.....	66.7	30.00	$\frac{1}{2}$	1	⁵ 7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
Assistants.....	43.3	19.50	$\frac{1}{2}$	1	⁶ 7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
Providence, R. I.....	57.8	26.00	¹ 70c.	1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
Rochester, N. Y.....	⁶ 54.2	26.00	$\frac{1}{2}$	1	8 - 8 - 48				
Worcester, Mass.....	54.2	26.00	$\frac{1}{2}$	1	8 - 8 - 48	53.1	25.50		8 - 8 - 48
SOUTH ATLANTIC.									
Atlanta, Ga.....	57.3	27.50	$\frac{1}{2}$	1	8 - 8 - 48				
Baltimore, Md.:									
English.....	61.9	26.00	¹ 80c.	1	7 - 7 - 42				
German.....	45.0	18.00	¹ 60c.	1	8 - 0 - 40				
Charleston, S. C.....	83.3	35.00	1	1	7 - 7 - 42				
Richmond, Va.....	50.0	24.00	$\frac{1}{2}$	1	8 - 8 - 48				
Washington, D. C.....	66.6	27.96	¹ 94.5c.	1	7 - 7 - 42				
NORTH CENTRAL.									
Chicago, Ill.:									
English.....	68.9	31.00	$\frac{1}{2}$	⁷ 1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45				
Bohemian.....	64.0	23.04	⁸ $\frac{1}{2}$	$\frac{1}{2}$	6 - 6 - 36	61.0	21.96		6 - 6 - 36
German.....	75.0	30.00	2	2	8 - 8 - 40	68.2	30.00		8 $\frac{1}{2}$ - 10 - 44
Cincinnati, Ohio.....	62.5	30.00	$\frac{1}{2}$	1	8 - 8 - 48				
Assistants.....	54.2	26.00	$\frac{1}{2}$	1	8 - 8 - 48				
Helpers.....	43.8	21.00	$\frac{1}{2}$	1	8 - 8 - 48				
Cleveland, Ohio.....	60.0	28.80	$\frac{1}{2}$	1	8 - 8 - 48				
Columbus, Ohio.....	61.5	29.50	⁹ $\frac{1}{2}$	¹⁰ 2	8 - 8 - 48	59.4	28.50		8 - 8 - 48
Detroit, Mich.....	60.0	28.80	$\frac{1}{2}$	1	8 - 8 - 48				
Grand Rapids, Mich.....	50.0	24.00	$\frac{1}{2}$	1	8 - 8 - 48				
Indianapolis, Ind.....	¹² 56.3	27.00	$\frac{1}{2}$	¹³ $\frac{1}{2}$	8 - 8 - 48				
Assistants.....	¹⁴ 50.0	24.00	$\frac{1}{2}$	¹³ $\frac{1}{2}$	8 - 8 - 48				
Kansas City, Mo.....	62.5	30.00	$\frac{1}{2}$	1	8 - 8 - 48				
Milwaukee, Wis.....	56.3	27.00	$\frac{1}{2}$	1	8 - 8 - 48				
Minneapolis, Minn.....	60.0	28.80	$\frac{1}{2}$	1	8 - 8 - 48				

¹ Actual rate, in cents, per hour.

² Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.

³ Scale became 61.5 cents on June 19, 1916.

⁴ After 8 hours per day.

⁵ Minimum; maximum, 8 hours per day, 48 per week.

⁶ Scale became 56.3 cents on Nov. 1, 1916.

⁷ For Sundays; on 6-day newspapers, double time.

⁸ For first 3 hours; double time thereafter.

⁹ For first hour; double time thereafter.

¹⁰ For Sundays; work 6 hours on holidays, paid for full day.

¹¹ Maximum; minimum, 7 hours per day, 42 per week.

¹² Scale became 64.6 cents on Oct. 1, 1916.

¹³ On 6-day newspapers; on 7-day newspapers, no increase in rate.

¹⁴ Scale became 60.4 cents on Oct. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINE TENDERS: Nightwork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Omaha, Nebr.....	59.4	28.50	1½	1	8 - 8 - 48				
Peoria, Ill.....	50.0	24.00	1½	1	8 - 8 - 48				
St. Louis, Mo.....	66.7	30.00	266.7c.	1	7½- 7½-45				
St. Paul, Minn.....	61.0	29.28	1½	1	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.....	60.5	25.41	1½	3 1	4 7 - 7 - 42	59.5	24.99		7 - 7 - 42
Dallas, Tex.....	72.9	35.00	1½	2	8 - 8 - 48				
Assistants.....	52.1	25.03	1½	2	8 - 8 - 48				
Houston, Tex.....	72.9	35.00	1½	1	8 - 8 - 48				
Assistants.....	58.3	28.00	1½	1	8 - 8 - 48	57.3	27.50		8 - 8 - 48
Little Rock, Ark.....	62.5	30.00	1½	1½	8 - 8 - 48				
Louisville, Ky.:									
14 to 18 machines.....	62.5	30.00	1½	1	8 - 8 - 48				
19 to 25 machines.....	66.7	32.00	1½	1	8 - 8 - 48				
Memphis, Tenn.....	66.7	30.00	1½	1	7½- 7½-45	62.5	30.00		8 - 8 - 48
New Orleans, La.....	61.1	27.50	1½	1	7½- 7½-45				
WESTERN.									
Denver, Colo.....	70.0	31.50	1½	1	7½- 7½-45				
Los Angeles, Cal.....	71.1	32.00	1½	1	7½- 7½-45				
Portland, Oreg.....	75.0	33.75	1½	1	7½- 7½-45				
Salt Lake City, Utah.....	68.8	33.00	1½	1	8 - 8 - 48				
San Francisco, Cal.:									
Head machine tender.....	83.3	35.00	1½	1	7 - 7 - 42				
Assistants.....	61.9	26.00	1½	1	7 - 7 - 42				
Seattle, Wash.....	82.1	34.50	2 120c.	6 1	7 - 7 - 42				

MACHINIST OPERATORS: Daywork.

NORTH ATLANTIC.									
Buffalo, N. Y.....	754.2	26.00	1½	2	8 - 8 - 48				
Worcester, Mass.....	43.8	21.00	1½	2	8 - 8 - 48	42.7	20.50		8 - 8 - 48
NORTH CENTRAL.									
St. Paul, Minn.....	40.6	19.50	1½	2	8 - 8 - 48				
SOUTH CENTRAL.									
Memphis, Tenn.....	73.3	33.00	1½	1	7½- 7½-45				
WESTERN.									
San Francisco, Cal.....	76.2	32.00	1½	1	7 - 7 - 42				
Seattle, Wash.....	82.1	34.50	2 115c.	9 1	7 - 7 - 42				
Spokane, Wash.....	66.7	30.00	1½	1	7½- 7½-45				

1 For Sundays; work 6 hours on holidays, paid for full day.

2 Actual rate, in cents, per hour.

3 For Sundays; on 6-day newspapers, time and a half.

4 Minimum; maximum, 8 hours per day, 48 per week.

5 Scale became 59.4 cents on July 21, 1916.

6 For Sundays; work 5 hours on holidays, paid for full day.

7 Scale became 57.3 cents on June 19, 1916.

8 For Sun days and Labor Day; other holidays, time and one-quarter.

9 For Sundays, on 7-day newspapers; work 6 hours on holidays, paid for full day.

10 And 1 cent per 100 ems over 41,250 ems per day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINIST OPERATORS: Nightwork.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Buffalo, N. Y.....	53.3	23.00	1½	1	8 - 8 - 48				
Manchester, N. H.....	47.9	23.00	1½	1	8 - 8 - 48				
WESTERN.									
San Francisco, Cal.:									
English.....	83.3	35.00	1½	1	7 - 7 - 42				
German.....	68.9	31.00	1½	1	7½ - 7½ - 45				
Italian.....	68.9	31.00	1½	1	7½ - 7½ - 45				
Seattle, Wash.....	89.3	37.50	120c.	4	7 - 7 - 42				
Spokane, Wash.....	73.3	33.00	1½	1	7½ - 7½ - 45				

PRESSMEN, WEB PRESSES: Daywork.

NORTH ATLANTIC.									
City	Per hour	Per week full time	For overtime	For work on Sun- days and holidays	Hours— Full days; Saturdays; Full week	Number of mos. with Saturday half holidays	Per hour	Per week full time	Hours— Full days; Saturdays; Full week
Boston, Mass.:									
Head pressmen.....	59.3	24.90	1½	2	7 - 7 - 42				
Journeymen.....	49.3	20.70	1½	2	7 - 7 - 42				
Brakemen.....	55.7	23.40	1½	2	7 - 7 - 42				
Bridgeport, Conn.:									
Head pressmen.....	52.1	25.00	1	1	8 - 8 - 48				
Assistants.....	31.3	15.00	1	1	8 - 8 - 48				
Buffalo, N. Y.:									
Head pressmen.....	53.1	29.75	1½	2	7 8 - 15 - 55		50.0	28.00	7 8 - 15 - 55
Tension men.....	40.6	22.75	1½	2	7 8 - 15 - 55		37.5	21.00	7 8 - 15 - 55
Oilers, platers, and brake- men.....	37.5	21.00	1½	2	7 8 - 15 - 55		34.4	19.25	7 8 - 15 - 55
Floor men.....	28.1	15.75	1½	2	7 8 - 15 - 55		25.0	14.00	7 8 - 15 - 55
Fall River, Mass.:									
Head pressmen.....	52.1	25.00	1	1	8 8 - 8 - 48				
Assistants.....	33.3	16.00	1	1	8 8 - 8 - 48				
Newark, N. J.:									
Head pressmen.....	62.5	30.00	1½	(8)	8 - 8 - 48				
Journeymen.....	50.0	24.00	1½	(9)	8 - 8 - 48				
New Haven, Conn.:									
Head pressmen.....	55.6	30.00	1½	1	8 - 6 - 54				
Tension men and brakemen	38.9	21.00	1½	1	8 - 6 - 54				
New York, N. Y.:									
Head pressmen.....	68.9	31.02	94c.	2	7½ - 7½ - 45				
Journeymen.....	55.6	25.02	75c.	2	7½ - 7½ - 45				
Philadelphia, Pa.:									
Head pressmen.....	52.1	25.00	1½	(10)	8 - 8 - 48				
Tension men and brakemen	37.5	18.00	1½	(10)	8 - 8 - 48				
Platers and floormen.....	34.4	16.50	1½	(10)	8 - 8 - 48				

¹ Scale became 61.5 cents on June 19, 1916.

² Scale became 81 cents and 42 hours on Oct. 1, 1916.

³ Actual rate, in cents, per hour.

⁴ For Sundays, on 7-day newspapers; work 5 hours on holidays, paid for full day.

⁵ And 1 cent per 100 ems over 41,250 per day.

⁶ For Sundays, July 4, Labor Day, and Thanksgiving; for other holidays, regular rate.

⁷ Work 55 hours, paid for 56.

⁸ Allowed 1 week's vacation each year, with pay.

⁹ For Sundays, time and one-half; for holidays, regular rate.

¹⁰ For holidays, time and one-half; for Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	46.9	22.50	1½	2	8 - 8 - 48				
First assistants.....	40.6	19.50	1½	2	8 - 8 - 48				
Second and third assistants.....	40.0	19.20	1½	2	8 - 8 - 48				
Fourth assistants.....	37.5	18.00	1½	2	8 - 8 - 48				
Providence, R. I.:									
Head pressmen.....	50.0	24.00	1½	(1)	8 - 8 - 48				
Journymen.....	45.0	21.60	1½	(1)	8 - 8 - 48	41.3	19.80	(2)	8 - 8 - 48
Rochester, N. Y.:									
Head pressmen.....	52.1	25.00	1½	1½	8 - 8 - 48				
Journymen (color setters).....	37.5	18.00	1½	1½	8 - 8 - 48				
Tension men.....	33.3	16.00	1½	1½	8 - 8 - 48				
Floormen.....	29.2	14.00	1½	1½	8 - 8 - 48				
Scranton, Pa.:									
Journymen.....	43.8	21.00	3½	2	8 - 8 - 48	41.7	20.00	4	8 - 8 - 48
First assistants.....	33.3	16.00	3½	2	8 - 8 - 48				
Second assistants.....	31.3	15.00	3½	2	8 - 8 - 48	29.2	14.00	4	8 - 8 - 48
Worcester, Mass.:									
Head pressmen.....	56.3	27.00	1½	(5)	8 - 8 - 48				
Journymen.....	43.8	21.00	1½	(5)	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48				
Tension men, oilers, plat- ers, and floormen.....	43.8	21.00	1½	1	8 - 8 - 48				
Baltimore, Md.:									
Head pressmen.....	50.0	24.00	1½	(4)	8 - 8 - 48				
First assistants.....	37.5	18.00	1½	(4)	8 - 8 - 48				
Second assistants.....	34.4	16.50	1½	(4)	8 - 8 - 48				
Jacksonville, Fla.:									
Head pressmen.....	62.5	30.00	1½	6	8 - 8 - 48				
First assistants.....	46.9	22.50	1½	6	8 - 8 - 48				
Oilers, platers, and floor- men.....	37.5	18.00	1½	6	8 - 8 - 48				
Richmond, Va.:									
Head pressmen.....	41.7	20.00	1½	6	8 - 8 - 48				
Assistants.....	29.2	14.00	1½	6	8 - 8 - 48				
Washington, D. C.:									
Head pressmen.....	47.0	22.56	1½	1	8 - 8 - 48				
Tension men.....	33.3	15.96	1½	1	8 - 8 - 48				
Oilers and platers.....	31.4	15.06	1½	1	8 - 8 - 48				

1 For Sundays, double time; for holidays, regular rate.

2 No established scale on May 1, 1915.

3 Double time after midnight.

4 Work 5 hours on Sunday, New Year's, July 4, Labor Day, Thanksgiving, and Christmas, paid for full day; if time in excess of 5 hours is worked, time and a half additional is paid; for other holidays regular rate.

5 For Sundays, time and one-half; for holidays, regular rate.

6 For Sundays, on 6-day newspapers, double time.

7 Scale became 43.8 cents on Sept. 1, 1916.

8 For Sundays, on 6-day newspapers, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	50.0	24.00	1½	2	8 - 8 -48				
Tension men and brake- men.....	43.8	21.00	1½	2	8 - 8 -48				
Oilers and platers.....	40.6	19.50	1½	2	8 - 8 -48				
Cincinnati, Ohio:									
Head pressmen.....	53.1	25.50	1½	1 1	8 - 8 -48	50.0	24.00	8 - 8 -48	
Tension men.....	46.3	22.20	1½	1 1	8 - 8 -48	43.8	21.00	8 - 8 -48	
Oilers and platers.....	43.1	20.70	1½	1 1	8 - 8 -48	40.6	19.50	8 - 8 -48	
Cleveland, Ohio:									
Head pressmen.....	53.1	25.50	1½	2	8 - 8 -48				
Tension men and brake- men.....	46.3	22.20	1½	2	8 - 8 -48				
Oilers and platers.....	37.5	18.00	1½	2	8 - 8 -48				
Flymen.....	28.1	13.50	1½	2	8 - 8 -48				
Columbus, Ohio:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 -48				
Journeymen.....	40.6	19.50	1½	1	8 - 8 -48				
Detroit, Mich.:									
Head pressmen.....	47.9	23.00	1½	1½	8 - 8 -48				
Brakemen and offside men, and flymen.....	40.6	19.50	1½	1½	8 - 8 -48				
Oilers, platers, floor men, and flymen.....	37.5	18.00	1½	1½	8 - 8 -48				
Grand Rapids, Mich.: Head pressmen.....	37.5	18.00	1½	2	8 - 8 -48				
Indianapolis, Ind.:									
Head pressmen.....	53.1	25.50	1½	1½	8 - 8 -48	52.1	25.00	8 - 8 -48	
Tension men and brake- men.....	45.8	22.00	1½	1½	8 - 8 -48	44.8	21.50	8 - 8 -48	
Oilers and platers.....	44.8	21.50	1½	1½	8 - 8 -48	43.8	21.00	8 - 8 -48	
Riggers.....	38.5	18.50	1½	1½	8 - 8 -48	37.5	18.00	8 - 8 -48	
Kansas City, Mo.:									
Head pressmen.....	53.1	25.50	1½	1	8 - 8 -48	50.0	24.00	8 - 8 -48	
Journeymen.....	46.9	22.50	1½	1	8 - 8 -48	43.8	21.00	8 - 8 -48	
Milwaukee, Wis.:									
Head pressmen.....	46.9	22.50	1½	2	8 - 8 -48				
Journeymen.....	40.6	19.50	1½	2	8 - 8 -48				
Minneapolis, Minn.:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 -48				
Journeymen.....	40.6	19.50	1½	1	8 - 8 -48				
Omaha, Nebr.:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 -48	(8)	(8)	(8)	
Journeymen.....	40.6	19.50	1½	1	8 - 8 -48	37.5	18.00	8 - 8 -48	
Assistants.....	34.4	16.50	1½	1	8 - 8 -48	31.3	15.00	8 - 8 -48	
Tension men.....	37.5	18.00	1½	1	8 - 8 -48	33.3	16.00	8 - 8 -48	
Peoria, Ill.:									
Head pressmen.....	44.6	25.00	1½	1	8 - 8 -56				
Journeymen.....	32.1	18.00	1½	1	8 - 8 -50				

¹ For Sundays; work 5 hours on holidays, paid for full day.

² Regular rate for mornings of holidays.

³ Scale became 54.2 cents on Sept. 10, 1916.

⁴ On 6-day newspapers; on 7-day newspapers, no increase in rate.

⁵ Scale became 46.9 cents on Sept. 10, 1916.

⁶ Scale became 45.8 cents on Sept. 10, 1916.

⁷ Scale became 39.6 cents on Sept. 10, 1916.

⁸ No scale on May 1, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	57.5	27.60	1½	1	8 - 8 - 48				
Journeyman.....	48.8	23.40	1½	1	8 - 8 - 48				
St. Paul, Minn.:									
Head pressmen.....	50.0	24.00	2 1½	1	8 - 8 - 48				
Journeyman.....	40.6	19.50	2 1½	1	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.:									
Head pressmen.....	72.9	35.00	1½	1	8 - 8 - 48		62.5	30.00	8 - 8 - 48
First pressmen.....	50.0	24.00	1½	1	8 - 8 - 48		47.9	23.00	8 - 8 - 48
First pressmen (Sunday magazine).....	50.0	24.00	1½	1	8 - 8 - 48		46.9	22.50	8 - 8 - 48
Second pressmen.....	37.5	18.00	1½	1	8 - 8 - 48		35.9	17.25	8 - 8 - 48
Second pressmen (Sunday magazine).....	33.3	16.00	1½	2	8 - 8 - 48		31.3	15.00	8 - 8 - 48
Third and fourth pressmen.	29.2	14.00	1½	1	8 - 8 - 48		27.1	13.00	8 - 8 - 48
Dallas, Tex.:									
Head pressmen.....	62.5	30.00	1½	1	8 - 8 - 48				
Journeyman, front end	50.0	24.00	1½	1	8 - 8 - 48				
Journeyman.....	46.9	22.50	1½	1	8 - 8 - 48				
Houston, Tex.:									
Head pressmen.....	68.8	33.00	1½	1	8 - 8 - 48				
Journeyman.....	43.8	21.00	1½	1	8 - 8 - 48		41.9	20.10	8 - 8 - 48
Little Rock, Ark.:									
Head pressmen.....	62.5	30.00	1½	1	8 - 8 - 48				
Journeyman.....	35.4	17.00	1½	1	8 - 8 - 48				
Louisville, Ky.:									
Head pressmen.....	46.9	22.50	1½	1	8 - 8 - 48				
Journeyman.....	40.6	19.50	1½	1	8 - 8 - 48				
Memphis, Tenn.:									
Head pressmen.....	56.7	25.50	1½	1	7½ - 7½ - 45				
Journeyman.....	50.0	22.50	1½	1	7½ - 7½ - 45				
New Orleans, La.:									
Head pressmen.....	66.7	32.00	1½	1	8 - 8 - 48		64.6	31.00	8 - 8 - 48
First assistants.....	45.8	22.00	1½	1	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Second assistants.....	41.7	20.00	1½	1	8 - 8 - 48		39.6	19.00	8 - 8 - 48
Third assistants.....	39.6	19.00	1½	1	8 - 8 - 48		37.5	18.00	8 - 8 - 48
WESTERN.									
Denver, Colo.:									
Head pressmen.....	62.5	30.00	1½	1	8 - 8 - 48				
Journeyman.....	50.0	24.00	1½	1	8 - 8 - 48				
Los Angeles, Cal.:									
Head pressmen.....	60.4	29.00	1½	1	8 - 8 - 48				
Journeyman.....	54.2	26.00	1½	1	8 - 8 - 48				
Tension men.....	57.3	27.50	1½	1	8 - 8 - 48				
Portland, Oreg.:									
Head pressmen.....	68.8	33.00	1½	1	8 - 8 - 48				
Journeyman.....	53.1	25.50	1½	1	8 - 8 - 48				

1 For Labor Day and Christmas, time and one-half.

2 Double time after midnight.

3 Scale became 52.1 cents on Sept. 1, 1916.

4 Scale became 58.7 cents on Sept. 12, 1916.

5 Scale became 52 cents on Sept. 12, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Concluded.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and hollid- ays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Salt Lake City, Utah:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	62.5	30.00	1½	1	8 - 8 - 48				
Journeymen.....	53.1	25.50	1½	1	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
San Francisco, Cal.:									
Head pressmen.....	68.9	31.00	1½	1	7½ - 7½ - 45				
Tension men.....	60.7	27.30	1½	1	7½ - 7½ - 45				
Oilers and platers.....	56.7	25.50	1½	1	7½ - 7½ - 45				
Floor men.....	52.7	23.70	1½	1	7½ - 7½ - 45				
Seattle, Wash.:									
Head pressmen.....	68.8	33.00	1½	2 1	8 - 8 - 48				
Head pressmen (color press).....	71.9	34.50	1½	2 1	8 - 8 - 48				
Journeymen.....	62.5	39.00	1½	2 1	8 - 8 - 48				
Spokane, Wash.:									
Head pressmen.....	62.5	30.00	1½	1	8 - 8 - 48				
Journeymen.....	50.0	24.00	1½	1	8 - 8 - 48				

PRESSMEN, WEB PRESSES: Nightwork.

NORTH ATLANTIC.									
Geographical division and city.	Per hour.	Per week full time.	For over-time.	For work on Sundays and holidays.	Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holliday.	Per hour.	Per week full time.	Hours— Full days; Saturdays; Full week.
Boston, Mass.:									
Head pressmen.....	69.2	24.90	1½	1	6 - 6 - 36				
Journeymen.....	57.5	20.70	1½	1	6 - 6 - 36				
Brakemen.....	65.0	23.40	1½	1	6 - 6 - 36				
Bridgeport, Conn.:									
Head pressmen.....	62.5	30.00	1	1	8 - 8 - 48				
Assistants.....	37.5	18.00	1	1	8 - 8 - 48				
Buffalo, N. Y.:									
Head pressmen.....	60.7	25.50	1½	1	7 - 7 - 42		57.1	24.00	7 - 7 - 42
Colormen.....	60.7	25.50	1½	1	7 - 7 - 42		57.1	24.00	7 - 7 - 42
Tension men.....	46.4	19.50	1½	2	7 - 7 - 42		42.9	18.00	7 - 7 - 42
Oilers, platers, and brakemen.....	42.9	18.00	1½	2	7 - 7 - 42		39.3	16.50	7 - 7 - 42
Floormen.....	32.1	13.50	1½	2	7 - 7 - 42		28.6	12.00	7 - 7 - 42
Newark, N. J.:									
Head pressmen.....	84.2	32.00	1½	(3)	6 - 8 - 38				
Journeymen.....	68.4	26.00	1½	(3)	6 - 8 - 38				
New Haven, Conn.:									
Head pressmen.....	60.4	25.00	1½	2	6 - 6 - 36				
Journeymen.....	50.0	18.00	1½	2	6 - 6 - 36				
New York, N. Y.:									
Head pressmen.....	84.2	32.00	4 125c	(5)	6 - 8 - 38				
Journeymen.....	68.4	26.00	4 100c	(5)	6 - 8 - 38				
Philadelphia, Pa.:									
Head pressmen.....	65.8	25.00	1½	(6)	6 - 8 - 38				
Tension men and brakemen.....	47.4	18.00	1½	(6)	6 - 8 - 38				
Platers and floormen.....	43.4	16.50	1½	(6)	6 - 8 - 38				

¹ Scale became 56.3 cents on Aug. 15, 1916.

² For Sundays; work 5 hours on holidays, paid for full day.

³ For Sundays, time and one-half; for holidays, regular rate.

⁴ Actual rate, in cents, per hour.

⁵ For holidays, double time; for Sundays, regular rate.

⁶ For holidays, time and one-half; for Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Nightwork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	46.9	22.50	1½	1	8 - 8 - 48				
First assistants.....	40.6	19.50	1½	1	8 - 8 - 48				
Second and third assistants.....	40.0	19.20	1½	1	8 - 8 - 48				
Fourth assistants.....	37.5	18.00	1½	1	8 - 8 - 48				
Providence, R. I.:									
Head pressmen.....	57.1	24.00	1½	1	7 - 7 - 42	(1)	(1)	(1)	
Journeyman.....	51.4	21.60	1½	1	7 - 7 - 42	47.1	19.80	7 - 7 - 42	
Rochester, N. Y.:									
Head pressmen.....	66.7	28.00	1½	1	7 - 7 - 42				
Color setters.....	47.6	20.00	1½	1	7 - 7 - 42				
Tension men.....	42.9	18.00	1½	1	7 - 7 - 42				
Floormen.....	38.1	16.00	1½	1	7 - 7 - 42				
Scranton, Pa.:									
Journeyman.....	50.0	21.00	1½	1	7 - 7 - 42	47.6	20.00	7 - 7 - 42	
First assistants.....	38.1	16.00	1½	1	7 - 7 - 42				
Second assistants.....	35.7	15.00	1½	1	7 - 7 - 42	33.3	14.00	7 - 7 - 42	
Worcester, Mass.:									
Head pressmen.....	64.3	27.00	1½	1	7 - 7 - 42				
Journeyman.....	50.0	21.00	1½	1	7 - 7 - 42				
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48				
Tension men, oilers, platers, and floormen.....	43.8	21.00	1½	1	8 - 8 - 48				
Baltimore, Md.:									
Head pressmen.....	57.1	24.00	1½	1	7 - 7 - 42				
Tension men.....	42.9	18.00	1½	1	7 - 7 - 42				
Oilers and platers.....	39.3	16.50	1½	1	7 - 7 - 42				
Jacksonville, Fla.:									
Head pressmen.....	71.4	30.00	1½	2 1	7 - 7 - 42				
First assistants.....	53.6	22.50	1½	2 1	7 - 7 - 42				
Oilers, platers and floor men.....	42.9	18.00	1½	2 1	7 - 7 - 42				
Richmond, Va.:									
Head pressmen.....	41.7	20.00	1½	4 1	8 - 8 - 48				
Assistants.....	29.2	14.00	1½	4 1	8 - 8 - 48				
Washington, D. C.:									
Head pressmen.....	51.5	24.72	1½	1	8 - 8 - 48				
Tension men.....	33.3	15.96	1½	1	8 - 8 - 48				
Oilers and platers.....	31.4	15.06	1½	1	8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.:									
Head pressmen.....	57.1	24.00	1½	2	7 - 7 - 42				
Tension men and brake- men.....	50.0	21.00	1½	2	7 - 7 - 42				
Oilers and platers.....	46.4	19.50	1½	2	7 - 7 - 42				

¹ No scale on May 1, 1915.

² For Sundays, on 6-day newspapers, double time.

³ Scale became 43.8 cents on Sept. 1, 1916.

⁴ For Sundays, on 6-day newspapers, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Nightwork—Continued.

Geographical division and city.	May 15, 1916.				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holidays.	May 1, 1915.		Hours— Full days; Saturdays; Full week.
	Rate of wages—						Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Cincinnati, Ohio:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Head pressmen.....	53.1	23.50	1½	1	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Tension men.....	46.3	22.20	1½	1	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Oilers and platers.....	43.1	20.70	1½	1	8 - 8 - 48		40.6	19.50	8 - 8 - 48
Cleveland, Ohio:									
Head pressmen.....	60.7	25.50	1½	2	7 - 7 - 42		60.7	26.11	7 - 8 - 43
Brakemen and tension men.....	52.9	22.20	1½	2	7 - 7 - 42		52.9	22.73	7 - 8 - 43
Oilers and platers.....	42.9	18.00	1½	2	7 - 7 - 42		42.9	18.43	7 - 8 - 43
Flymen.....	32.1	13.50	1½	2	7 - 7 - 42		32.1	13.82	7 - 8 - 43
Detroit, Mich.:									
Head pressmen.....	51.1	23.00	1½	2	7 - 10 - 45				
Tension men, brakemen, offside men, oilers, platers, floor men and flymen.....	43.3	19.50	1½	2	7 - 10 - 45				
Grand Rapids, Mich.: Head pressmen.....	37.5	18.00	1½	1	8 - 8 - 48				
Indianapolis, Ind.:									
Head pressmen.....	156.3	27.00	1½	2 1½	8 - 8 - 48		55.2	26.50	8 - 8 - 48
Tension men and brakemen.....	8 49.0	23.50	1½	2 1½	8 - 8 - 48		47.9	23.00	8 - 8 - 48
Oilers and platers.....	4 47.9	23.00	1½	2 1½	8 - 8 - 48		46.9	22.50	8 - 8 - 48
Riggers.....	6 41.7	20.00	1½	2 1½	8 - 8 - 48		40.6	19.50	8 - 8 - 48
Kansas City, Mo.:									
Head pressmen.....	53.1	25.50	1½	1	8 - 8 - 48		50.0	24.00	8 - 8 - 48
Journeyman.....	46.9	22.50	1½	1	8 - 8 - 48		43.8	21.00	8 - 8 - 48
Milwaukee, Wis.:									
Head pressmen.....	46.9	22.50	6 1½	1	8 - 8 - 48				
Journeyman.....	40.6	19.50	6 1½	1	8 - 8 - 48				
Omaha, Nebr.:									
Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48				
Assistants.....	34.4	16.50	1½	1	8 - 8 - 48		31.3	15.00	8 - 8 - 48
Peoria, Ill.:									
Head pressmen.....	44.6	25.00	1½	1	8 - 8 - 56				
Journeyman.....	32.1	18.00	1½	1	8 - 8 - 56				
St. Louis, Mo.:									
Head pressmen.....	61.3	27.60	1½	1	7½ - 7½ - 45				
Journeyman.....	52.0	23.40	1½	1	7½ - 7½ - 45				
St. Paul, Minn.:									
Head pressmen.....	57.1	24.00	1½	1	7 - 7 - 42				
Journeyman.....	46.4	19.50	1½	1	7 - 7 - 42				
SOUTH CENTRAL.									
Birmingham, Ala.:									
Head pressmen.....	83.3	35.00	1½	1	7 - 7 - 42		71.4	30.00	7 - 7 - 42
Head pressmen (Sunday magazine).....	83.3	35.00	1½	2	7 - 7 - 42		62.5	30.00	8 - 8 - 48
First pressmen.....	57.1	24.00	1½	1	7 - 7 - 42		54.8	23.00	7 - 7 - 42
First pressmen (Sunday magazine).....	57.1	24.00	1½	2	7 - 7 - 42		46.9	22.50	8 - 8 - 48

¹ Scale became 57.3 cents on Sept. 10, 1916.

² On 7-day newspapers, regular rate.

³ Scale became 50 cents on Sept. 10, 1916.

⁴ Scale became 49 cents on Sept. 10, 1916.

⁵ Scale became 42.7 cents on Sept. 10, 1916.

⁶ Double time after 6 a. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Nightwork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Birmingham, Ala.—Concl'd.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi-plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Second pressmen	42.9	18.00	1½	1	7 - 7 -42		41.1	17.25	7 - 7 -42
Second pressmen (Sunday magazine)	42.9	18.00	1½	2	7 - 7 -42		37.0	17.75	8 - 8 -53
Third and fourth pressmen.	33.3	14.00	1½	1	7 - 7 -42		31.0	13.00	7 - 7 -42
Dallas, Tex.:									
Head pressmen	62.5	30.00	1½	1	8 - 8 -48				
Journeymen, front end	50.0	24.00	1½	1	8 - 8 -48				
Journeymen	46.9	22.50	1½	1	8 - 8 -48				
Houston, Tex.:									
Head pressmen	75.0	33.00	1½	1	7 - 9 -44				
Journeymen	47.7	21.00	1½	1	7 - 9 -44		45.7	20.10	7 - 9 -44
Little Rock, Ark.:									
Head pressmen	72.9	35.00	1½	1	8 - 8 -48				
Journeymen	37.5	18.00	1½	1	8 - 8 -48				
Louisville, Ky.:									
Head pressmen	52.3	22.50	1½	1	7 - 8 -43				
Journeymen	45.3	19.50	1½	1	7 - 8 -43				
Memphis, Tenn.:									
Head pressmen	56.7	25.50	1½	1	7½ - 7½ -45				
Journeymen	54.0	22.50	1½	1	7½ - 7½ -45				
New Orleans, La.:									
Head pressmen	66.7	32.00	1½	1	8 - 8 -48		64.6	31.00	8 - 8 -48
First assistant	45.8	22.00	1½	1	8 - 8 -48		43.8	21.00	8 - 8 -48
Second assistant	41.7	20.00	1½	1	8 - 8 -48		39.6	19.00	8 - 8 -48
WESTERN.									
Denver, Colo.:									
Head pressmen	62.5	30.00	1½	1	8 - 8 -48				
Journeymen	50.0	24.00	1½	1	8 - 8 -48				
Los Angeles, Cal.:									
Head pressmen	67.4	29.00	1½	1	7 - 8 -43				
Journeymen	60.5	26.00	1½	1	7 - 8 -43				
Tension men	64.0	27.50	1½	1	7 - 8 -43				
Portland, Ore.:									
Head pressmen	79.1	36.00	1½	1	7½ - 8 -45½				
Journeymen	59.3	27.00	1½	1	7½ - 8 -45½				
Salt Lake City, Utah:									
Head pressmen	62.5	30.00	1½	1	8 - 8 -48				
Journeymen	53.1	25.50	1½	1	8 - 8 -48		50.0	24.00	8 - 8 -48
San Francisco, Cal.:									
Head pressmen	68.9	31.00	1½	1	7½ - 7½ -45				
Tension men	60.7	27.30	1½	1	7½ - 7½ -45				
Oilers and platers	56.7	25.50	1½	1	7½ - 7½ -45				
Floor men	52.7	23.70	1½	1	7½ - 7½ -45				
Seattle, Wash.:									
Head pressmen	77.6	33.00	1½	6 1	7 - 7½ -42½				
Journeymen	70.6	30.00	1½	6 1	7 - 7½ -42½				

1 Scale became 52.1 cents on Sept. 1, 1916.
 2 Scale became 50 cents on Sept. 1, 1916.
 3 Scale became 58.7 cents on Sept. 12, 1916.
 4 Scale became 52 cents on Sept. 12, 1916.
 5 Scale became 56.3 cents on Aug. 15, 1916.
 6 For Sundays; work 5 hours on holidays, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

STEREOTYPERS: Daywork.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Saturday half holiday.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Boston, Mass.	59.5	25.00	1 80c.	(?)	7 - 7 - 42				
Bridgeport, Conn.	46.9	22.50	1 1/2	1 1/2	8 - 8 - 48				
Buffalo, N. Y.	40.6	19.50	1 1/2	1	8 - 8 - 48				
Fall River, Mass.	41.7	20.00	1 1/2	2	8 - 8 - 48	39.6	19.00		8 - 8 - 48
Newark, N. J.	58.7	27.00	1 1/2	(4)	7 1/2 - 7 1/2 - 46				
New Haven, Conn.	37.5	18.00	1 90c.	1 90c.	8 - 8 - 48				
New York, N. Y.	62.5	30.00	1 90c.	1 90c.	8 - 8 - 48				
Philadelphia, Pa.	43.8	21.00	1 1/2	1	8 - 8 - 48				
Pittsburgh, Pa.	48.4	23.25	1 1/2	1 1/2	8 - 8 - 48	46.9	22.50		8 - 8 - 48
Providence, R. I.	57.1	24.00	1 75c.	1 1/2	7 - 7 - 42				
Rochester, N. Y.	37.5	18.00	1 1/2	1	8 - 8 - 48				
Scranton, Pa.	43.8	21.00	1 1/2	1	8 - 8 - 48	39.6	19.00		8 - 8 - 48
Worcester, Mass.	46.9	22.50	1 1/2	1	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.	46.9	22.50	1 1/2	1	8 - 8 - 48				
Baltimore, Md.	46.9	22.50	1 1/2	1	8 - 8 - 48				
Jacksonville, Fla.	41.7	20.00	7 1/2	1	8 - 8 - 48	37.5	18.00		8 - 8 - 48
Richmond, Va.	35.4	17.00	1 1/2	10 1	8 - 8 - 48				
Washington, D. C.	53.8	24.00	1 1/2	1	(11)				
NORTH CENTRAL.									
Chicago, Ill.	56.3	27.00	1 1/2	(?)	8 - 8 - 48				
Cincinnati, Ohio.	50.0	24.00	1 1/2	1 80c.	8 - 8 - 48				
Cleveland, Ohio.	50.0	24.00	1 1/2	1 1/2	8 - 8 - 48				
Columbus, Ohio.	247.9	23.00	1 1/2	(12)	8 - 8 - 48	45.8	22.00		8 - 8 - 48
Detroit, Mich.	50.0	24.00	1 1/2	1 1/2	8 - 8 - 48				
Grand Rapids, Mich.	43.8	21.00	1 1/2	(14)	8 - 8 - 48				
Indianapolis, Ind.	47.9	23.00	1 1/2	(16)	8 - 8 - 48	46.9	22.50		8 - 8 - 48
Kansas City, Mo.	56.3	27.00	1	1	8 - 8 - 48				
Milwaukee, Wis.	45.8	22.00	1 1/2	2	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Minneapolis, Minn.	45.3	21.75	1 1/2	1	8 - 8 - 48	43.8	21.00		8 - 8 - 48
Omaha, Nebr.	50.0	24.00	1 1/2	1	8 - 8 - 48				
Peoria, Ill.	40.6	19.50	1 1/2	1	8 - 8 - 48	37.5	18.00		8 - 8 - 48
St. Louis, Mo.	57.5	27.60	1 1/2	1	8 - 8 - 48	53.8	25.80		8 - 8 - 48
St. Paul, Minn.	43.8	21.00	1 1/2	1	8 - 8 - 48				

1 Actual rate, in cents, per hour.

2 For Sundays, July 4, Labor Day, Thanksgiving, and Christmas; for other holidays, regular rate.

3 Scale became 43.8 cents on June 1, 1916, and 46.9 cents on Oct. 1, 1916.

4 For Sundays, \$5 per day; for holidays, regular rate.

5 For Sundays, double time; for holidays, regular rate.

6 For holidays, time and one-half; for Sundays, regular rate.

7 For Sundays, on 6-day newspapers, double time.

8 Allowed 2 days off each year, with pay.

9 Scale became 37.5 cents on June 1, 1916.

10 For Sundays, on 6-day newspapers, time and one-half.

11 Seven hours on Monday, Tuesday, Wednesday, and Sunday; 8 hours on Thursday, Friday, and Saturday; 1 day off each week; average, 44.57 hours per week.

12 Scale became 49 cents on Dec. 7, 1916.

13 For Sundays, double time; for holidays, work 6 hours, paid for full day.

14 For Sundays, regular rate; for holidays, work 4 hours, paid for full day.

15 Scale became 49 cents on Oct. 1, 1916.

16 For holidays, time and one-half; for Sundays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

STEREOTYPERS: Daywork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- days.			Per hour.	Per week full time.	
SOUTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Birmingham, Ala.....	46.9	22.50	1½	1	8 - 8 - 48				
Dallas, Tex.....	48.4	23.25	1½	1	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Houston, Tex.....	50.0	24.00	1½	1	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
Little Rock, Ark.....	46.9	22.50	1½	2	8 - 8 - 48				
Louisville, Ky.....	46.9	22.50	1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Memphis, Tenn.....	56.3	27.00	1½	1	8 - 8 - 48	54.4	26.10	8 - 8 - 48	
New Orleans, La.....	50.0	21.00	1½	1	7 - 7 - 42	46.0	19.32	7 - 7 - 42	
WESTERN.									
Denver, Colo.....	56.3	27.00	1½	1	8 - 8 - 48				
Los Angeles, Cal.....	56.3	27.00	1½	1½	8 - 8 - 48				
Portland, Ore.....	56.3	27.00	1½	1	8 - 8 - 48				
Salt Lake City, Utah.....	56.3	27.00	1½	1	8 - 8 - 48				
San Francisco, Cal.....	66.7	30.00	1½	1	7½ - 7½ - 45				
Seattle, Wash.....	69.8	30.00	1½	(²)	7 - 7 - 43				
Spokane, Wash.....	53.1	25.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	

STEREOTYPERS: Nightwork.

NORTH ATLANTIC.									
Boston, Mass.....	69.4	25.00	4 80c.	1	6 - 6 - 36				
Ruffalo, N. Y.....	5 43.3	19.50	1½	1	7½ - 7½ - 45				
Newark, N. J.....	75.0	27.00	1½	(⁶)	6 - 6 - 36				
New Haven, Conn.....	50.0	18.00	1½	2	6 - 6 - 36				
New York, N. Y.....	78.9	30.00	4 90c.	4 90c.	6 - 8 - 38				
Philadelphia, Pa.....	43.8	21.00	1½	1	8 - 8 - 48				
Pittsburgh, Pa.....	48.4	23.25	1½	1½	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Providence, R. I.....	57.1	24.00	4 75c.	1	7 - 7 - 42				
Rochester, N. Y.....	37.5	18.00	1½	1	8 - 8 - 48	(⁷)	(⁷)	(⁷)	
Scranton, Pa.....	50.0	21.00	1½	1	7 - 7 - 42	45.2	19.00	7 - 7 - 42	
Worcester, Mass.....	46.9	22.50	1½	1	8 - 8 - 48				
SOUTH ATLANTIC.									
Atlanta, Ga.....	50.0	24.00	1½	1	8 - 8 - 48				
Baltimore, Md.....	46.9	21.09	1½	1	7 - 10 - 45				
Jacksonville, Fla.....	50.0	21.00	1½	8 1	7 - 7 - 42	46.4	19.50	7 - 7 - 42	
Richmond, Va.....	43.8	21.00	1½	8 1	8 - 8 - 48	35.4	17.00	8 - 8 - 48	
Washington, D. C.....	57.1	24.00	1½	1	(⁹)				

1 Minimum; maximum, 8 hours per day, 48 per week.

2 For Sundays, regular rate; for holidays, work 5 hours, paid for full day.

3 Work 7½ hours 2 days each week.

4 Actual rate, in cents, per hour.

5 Scale became 43.8 cents and 42 hours on June 1, 1916, and 46.9 cents on Oct. 1, 1916.

6 For Sundays, \$5 per day; for holidays, regular rate.

7 No scale on May 1, 1915.

8 For Sundays, on 6-day newspapers, double time.

9 6½ hours on Monday, Tuesday, Wednesday, Thursday, and Friday; 8½ hours on Saturday and Sunday; 1 day off each week; average, 42 hours per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Concluded.

STEREOTYPERS: Nightwork—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holid- ay.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holid- ays.			Per hour.	Per week full time.	
NORTH CENTRAL.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Chicago, Ill.	56.3	27.00	1½	(1)	8 - 8 - 48				
Cincinnati, Ohio.	51.6	24.00	1½	1	2 7 - 9½ - 46½				
Cleveland, Ohio.	56.7	26.08	1½	1	7½ - 8½ - 46	56.0	25.76	7½ - 8½ - 46	
Columbus, Ohio.	50.0	24.00	1½	2	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
Detroit, Mich.	57.0	24.50	1½	1½	7 - 8 - 43				
Grand Rapids, Mich.	50.0	21.00	1½	1	7 - 7 - 42				
Indianapolis, Ind.	49.0	23.50	1½	1½	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Kansas City, Mo.	56.3	27.00	1	1	8 - 8 - 48				
Milwaukee, Wis.	45.8	22.00	1½	1	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Omaha, Nebr.	50.0	24.00	1½	1	8 - 8 - 48				
Peoria, Ill.	40.6	19.50	1½	1	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
St. Louis, Mo.	64.2	27.60	1½	1	7 - 8 - 43	60.0	25.80	7 - 8 - 43	
St. Paul, Minn.	43.8	21.00	1½	1	8 - 8 - 48				
SOUTH CENTRAL.									
Birmingham, Ala.	46.9	22.50	1½	1	8 - 8 - 48				
Dallas, Tex.	50.0	24.00	1½	1	8 - 8 - 48				
Houston, Tex.	50.0	24.00	1½	1	8 - 8 - 48	47.9	23.00	8 - 8 - 48	
Little Rock, Ark.	46.9	22.50	1½	2	8 - 8 - 48				
Louisville, Ky.	46.9	22.50	1½	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
Memphis, Tenn.	50.0	24.00	1½	1	8 - 8 - 48				
New Orleans, La.	57.1	24.00	1½	1	7 - 7 - 42	53.6	22.50	7 - 7 - 42	
WESTERN.									
Denver, Colo.	56.3	27.00	1½	1	8 - 8 - 48				
Los Angeles, Cal.	56.3	27.00	1½	1½	8 - 8 - 48				
Portland, Oreg.	56.3	27.00	1½	1	8 - 8 - 48				
Salt Lake City, Utah.	56.3	27.00	1½	1	8 - 8 - 48				
San Francisco, Cal.	66.7	30.00	1½	1	7½ - 7½ - 45				
Seattle, Wash.	69.8	30.00	1½	7 1	8 7 - 7 - 43				
Spokane, Wash.	53.1	25.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	

¹ For Sundays, double time; for holidays, regular time.

² 9 hours on Friday.

³ Scale became 51 cents on Dec. 7, 1916.

⁴ Scale became 50 cents on Oct. 1, 1916.

⁵ For Sundays, on 7-day newspapers, regular rate.

⁶ Scale became 53.1 cents on June 1, 1916.

⁷ For Sundays, on 7-day newspapers; work 5 hours on holidays; paid for full day.

⁸ Work 7½ hours two days each week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

SOFT-DRINK ESTABLISHMENT EMPLOYEES.

BOTTLERS.

Geographical division and city.	May 15, 1916.						May 1, 1915.		
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holl- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holl- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Newark, N. J.	31.5	17.00	1½	2	1	9 - 9 -54			
Head bottlers	35.2	19.00	1½	2	1	9 - 9 -54			
New York, N. Y.	32.0	16.50	2	2	9½	4 -51½	12		
Helpers	30.1	15.50	2	2	9½	4 -51½	12		
Scranton, Pa.	29.6	16.00	1	*1	9	9 -9 -54			
Helpers	24.1	13.00	1	*1	9	9 -9 -54			
Crowners	20.4	11.00	1	*1	9	9 -9 -54			
NORTH CENTRAL.									
Cleveland, Ohio	30.0	18.00	1½	2	*10	-10 -60			
Cleveland, Ohio	33.3	16.00	1½	(4)	8	8 - 8 -48			
Indianapolis, Ind.	35.4	17.00	1½	2	8	8 - 8 -48	28.7	15.50	6 9 - 9 -54
Helpers	27.1	13.00	1½	2	8	8 - 8 -48	22.2	12.00	5 9 - 9 -54
Kansas City, Mo.	39.6	19.00	1½	(6)	8	8 - 8 -48	37.5	18.00	8 - 8 -48
Helpers	36.5	17.50	1½	(6)	8	8 - 8 -48	34.4	16.50	8 - 8 -48
Milwaukee, Wis.	29.6	16.00	1½	1½	9	9 -9 -54			
Seltzer	33.3	18.00	1½	1½	9	9 -9 -54			
St. Louis, Mo.	43.8	21.00	1½	1½	8	8 - 8 -48	37.5	18.00	8 - 8 -48
WESTERN.									
Denver, Colo.:									
First class	28.7	15.50	1½	1½	9	9 - 9 -54			
Second class	25.9	14.00	1½	1½	9	9 - 9 -54			
Salt Lake City, Utah	37.5	18.00	1½	2	8	8 - 8 -48			

CHAUFFEURS AND DRIVERS.

NORTH ATLANTIC.									
Newark, N. J.	26.7	16.00	1	1	*10	-10 -60			
Scranton, Pa.:									
Drivers	29.6	16.00	1	*1	9	9 - 9 -54			
Drivers, extra	22.2	12.00	1	*1	9	9 - 9 -54			
NORTH CENTRAL.									
Chicago, Ill.:									
Chauffeurs	33.3	20.00	10	50c.	(11)	10 -10 -60			
Chauffeurs	41.7	25.00	10	50c.	(11)	10 -10 -60			

1 51 hours, November to April, inclusive.
 2 For Sundays and July 4; work ¼ hours on Washington's Birthday, Memorial and Thanksgiving days, paid for full day; other holidays off with pay.
 3 Allowed 7 days off each year, with pay.
 4 Overtime work prohibited.
 5 8 hours per day, 48 per week, October to April, inclusive.
 6 For Sundays, double time; for holidays, time and one-half.
 7 And various commissions.
 8 Average hours.
 9 For Sundays and July 4; work ¼ hours on Washington's Birthday, Memorial and Thanksgiving days, paid for full day; work on other holidays prohibited.
 10 Actual rate, in cents, per hour.
 11 Sunday work prohibited; holidays off with pay.
 12 And a commission of 10 cents per case for empty bottles and 10 cents for each empty keg returned.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Continued.

SOFT-DRINK ESTABLISHMENT EMPLOYEES—Continued.

CHAUFFEURS AND DRIVERS—Concluded.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Chicago, Ill.—Concluded.	<i>Cents.</i>	<i>Dolls.</i>		<i>Regular rate multi- plied by—</i>			<i>Cents.</i>	<i>Dolls.</i>	
Drivers, route.....	30.0	18.00	1 30c.	2 50c.	10 -10 -60		29.2	17.50	10 -10 -60
Drivers, 2-horse trucks.....	27.5	16.50	1 35c.	(*)	10 -10 -60				
Drivers, 2-horse trucks.....	30.0	18.00	1	(*)	10 -10 -60				
Drivers' helpers.....	15.0	9.00	1 25c.	(*)	10 -10 -60				
Cleveland, Ohio:									
Chauffeurs.....	35.4	17.00	(5)	(*)	8 - 8 -48				
Drivers.....	33.3	20.00	1 1/2	1	10 -10 -60				
Drivers, route.....	28.1	16.00	(5)	(*)	9 1/2 - 9 1/2 -57				
Indianapolis, Ind.:									
Drivers, route.....	29.6	16.00	1 1/2	1 1/2	9 - 9 -54	27.8	15.00		9 - 9 -54
Drivers, dray and fountain.	33.3	18.00	1 1/2	1 1/2	9 - 9 -54				
Kansas City, Mo.:									
Chauffeurs or drivers, route	31.5	17.00	1 50c.	2 50c.	9 - 9 -54	29.6	16.00		9 - 9 -54
Chauffeurs, trucks under									
1,500 pounds.....	31.5	17.00	1 50c.	2 50c.	9 - 9 -54	29.6	16.00		9 - 9 -54
Chauffeurs, trucks over									
1,500 pounds.....	37.0	20.00	1 50c.	2 50c.	9 - 9 -54	35.2	19.00		9 - 9 -54
Milwaukee, Wis.:									
Chauffeurs or drivers.....	35.2	19.00	1 1/2	1 1/2	9 - 9 -54				
Drivers' helpers.....	20.4	11.00	1 1/2	1 1/2	9 - 9 -54				
WESTERN.									
Denver, Colo.:									
Drivers.....	31.5	17.00	1 1/2	1 1/2	9 - 9 -54				
Drivers, extra.....	25.9	14.00	1 1/2	1 1/2	9 - 9 -54				
San Francisco, Cal.:									
Drivers, sweet soda water..	35.0	21.00	1	2	10 -10 -60				
Drivers, siphon soda water.	23.1	13.85	1	2	10 -10 -60				

¹ Actual rate, in cents, per hour.

² Actual rate, in cents, per hour, for Sundays; holidays off with pay.

³ And various commissions.

⁴ Sunday work prohibited; holidays off with pay.

⁵ Paid commission in lieu of overtime.

⁶ Hours vary, but total 60 per week; allowed 7 days off each year, with pay.

⁷ And commission of 1 cent on each empty case returned.

⁸ For delivery to fountains; for delivery to picnics and excursions, double time.

⁹ Actual rate, in cents, per hour, for Sundays; for holidays, work one-half day, paid for full day.

¹⁰ And various commissions on returned empties.

¹¹ And 6 cents per dozen for returned empties.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1916, AND MAY 1, 1915—Concluded.

SOFT-DRINK ESTABLISHMENT EMPLOYEES—Concluded.

MISCELLANEOUS OCCUPATIONS.

Geographical division and city.	May 15, 1916.					May 1, 1915.			
	Rate of wages—				Hours— Full days; Saturdays; Full week.	Number of mos. with Sat- urday half holi- day.	Rate of wages—		Hours— Full days; Saturdays; Full week.
	Per hour.	Per week full time.	For over- time.	For work on Sun- days and holi- days.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Newark, N. J.:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multi- plied by—</i>				<i>Cents.</i>	<i>Dolls.</i>	
Apparatus fixers.....	35.2	19.00	1½	2	1 9 -9 -54				
Bottle washers.....	22.2	12.00	1½	2	1 9 -9 -54				
New York, N. Y.: Washers, bottle.....	30.1	15.50	2	2	9½-4 -51½				
Scranton, Pa.:									
Floormen.....	14.8	8.00	1	2 1	9 -9 -54				
Sterilizers or washers.....	20.4	11.00	1	2 1	9 -9 -54				
NORTH CENTRAL.									
Indianapolis, Ind.: Stable- men.....	27.8	15.00	1½	(3)	9 -9 -54		26.9	14.50	9 -9 -54
Kansas City, Mo.:									
Men at washing and label- ing machines.....	36.5	17.50	1½	(4)	8 -8 -48		34.4	16.50	8 -8 -48
Stablemen.....	29.6	16.00	5 50c.	6 50c.	9 -9 -54		27.8	15.00	9 -9 -54
Milwaukee, Wis.:									
Brewers, Weiss beer.....	33.3	18.00	1½	1½	9 -9 -54				
Stablemen.....	26.2	16.50	1	1	9 -9 -63				
Washers, bottle.....	23.1	12.50	1½	1½	9 -9 -54				
St. Louis, Mo.: Washers, bottle.....	31.3	15.00	1½	1½	8 -8 -48		25.0	12.00	8 -8 -48
WESTERN.									
Denver, Colo.: Washers, bottle.....	22.2	12.00	1½	1½	9 -9 -54				

¹ 51 hours, November to April, inclusive.

² For Sundays and July 4; work 4½ hours on Washington's Birthday, Memorial and Thanksgiving days, paid for full day; other holidays off, with pay.

³ For holidays, time and one-half; for Sundays, regular rate.

⁴ For Sundays, double time; for holidays, time and one-half.

⁵ Actual rate, in cents, per hour.

⁶ Actual rate, in cents, per hour for Sundays; work one-half day on holidays, paid for full day.

⁷ Allowed 1 day off every 2 weeks, and every other holiday off, with pay.

APPENDIXES.

APPENDIX A.—WAGE SCALES IN VARIOUS INDUSTRIES.

It is intended ultimately to include as an Appendix to this bulletin on union scale of wages and hours of labor all piece-rate or time-rate scales that are uniform throughout the United States in all establishments having wage agreements with the organized workmen in the industry represented. Good examples of the class of union wage scales here referred to are the window-glass and glass-bottle blowers' scales. The piece rates are the same in all window-glass and glass-bottle establishments having wage agreements with the national labor organizations, regardless of the location of the establishment. This is true also of the wage scale in the pottery industry, but inasmuch as there has been no change in this scale since 1907, its reproduction in this Appendix does not seem to be called for.

The difference in method of treatment of material in this Appendix as compared with that adopted for the body of the bulletin grows out of the inherent difference in the material. The wage rates here presented are coextensive with the industry, whereas the scales in the body of the bulletin are local; the scales here dealt with are piece rates, those in the body of the report are time rates. Uniformity in method of presentation is, therefore, impracticable. Even should it happen that in some industries time rates coextensive with the industry can be shown, their presentation in this Appendix will require different treatment from that of the localized scales shown in the body of the report. In certain industries, like window glass, iron and steel, and probably others, the rates for certain occupations depend upon those for other and more basic occupations. In the manufacture of window glass, for instance, the gatherer and flattener get a stated percentage of the rate paid for blowing; in iron and steel the rollers' rate is made the base from which to compute rates for other occupations.

WAGE SCALES IN VARIOUS LOCALITIES.

WINDOW GLASS INDUSTRY.

The National Window Glass Workers have had wage-scale agreements with their employers since 1879. Agreements exist with practically all the establishments except those blowing window glass by machine processes. Beginning with 1909, competition with machine work made serious inroads upon the scale. In the first column

of the table on page 254 (Sept. 1, 1908, to Feb. 27, 1909) is shown the rate for blowing single-strength glass by "brackets," as that rate had existed for some years. By "brackets" is meant glass cut to sizes within certain ranges. The blower aims to so blow a cylinder that it will cut the largest possible sizes, since the larger the sizes the higher the rate per 100 feet of glass. The cutter's duty is to cut to the largest sizes the defects in the sheets will permit. In 1908 the old bracket classification existed; that is, the first bracket (single-strength glass), any size from 8 by 10 to 10 by 15 inches, contained the smaller sheets and paid the lowest price, 36 cents per 100 feet. The second bracket, 10 by 16 inches to 16 by 24 inches, paid 46 cents; and so on to the highest designated sizes in the last bracket, 24 by 37 inches to 26 by 40 inches, which paid 86 cents; all larger sizes left unspecified and paid \$1 per box of 100 feet.

Up to this time, 1908, the commercial qualities A and B had not been written into the workmen's scale. Sheets of double-strength glass not considered salable by the cutter were set aside as "grinders," i. e., to be ground or "frosted" and sold when semiopaque glass could be utilized.

The upheaval in the industry in 1909, caused principally though perhaps not entirely by the uncertainty as to the effect of machine-made glass upon the market, resulted in a complete recast of the scale. All the landmarks of the trade were lost. The commercial qualities of market glass known as A and B were passed on to the workman and read into his wage scale. The brackets were abolished for single-strength glass and a flat rate paid per 100 feet of blown glass, regardless of sizes into which it could be cut. The rate for single-strength A was 42 cents and for B 40 cents. In the double-strength scale two brackets were permitted to remain, but these were made to cover a much wider range of sizes than formerly, as will be noted from the table presented. This scale was made effective February 27, 1909; that is to say, in the middle of a "fire" or working year.

At the beginning of the next "fire" a new scale, effective September 1, 1909, partially restored the brackets, at least revived the principle of bracket payment. In this scale the two lowest brackets of the 1908 scale were combined to make the small bracket, i. e., 6 by 8 to 16 by 24; the old third bracket was made to read 16 by 25 to 24 by 36, which was an entirely new classification; the old fourth and fifth brackets with "all above" were combined into a new third bracket.

The next scale, effective October 15, 1910, revised the brackets, increased the rates on specified bracket sizes, and restored the "all above" principle. It secured \$1 per 100 feet for "all above" bracket sizes in the B quality, which was the price of "all above" in the 1908 and prior scales. This was practically as good a scale for the workmen as obtained in 1908. It did not, however, continue during the

working year or "fire"; a new mid-year agreement, being effective January 24, 1911, went back to the bracket conditions and piece rates established by the scale effective September 1, 1909, and that scale remained unchanged by subsequent agreements up to October 27, 1913. This last-mentioned agreement entirely revised the brackets, elaborated them beyond anything theretofore obtaining in the industry, and increased the piece rates somewhat, but not enough to equal the rates in 1908. The scale of October 27, 1913, was renewed in 1914.

The period covered by the tables here presented represents the most disturbed and turbulent era in the wage-scale history of the industry in the United States, 1908 marking the last year of the old steady rates, 1909 the beginning of the disturbance of rates, and 1913 and since, the apparent settling down to a new basis.

While this analysis has dealt more directly with the first table showing rates for blowing single-strength glass, it has, it is believed, given a sufficiently clear explanation to enable readers to follow the table of rates for double-strength blowing.

Single-strength glass means glass that measures about 13 lights to the inch in thickness and weighs 100 pounds to the box of 100 square feet.

Double strength measures 8 lights to the inch and weighs about 130 pounds per 100 square feet.

Single and double strengths were the only weights blown in the United States up to a few years ago, when the extended use of light-weight plate glass made it imperative for window-glass establishments to produce a thicker glass to hold the building trade. Quite recently, therefore, triple strength, or glass weighing 32 ounces to the square foot, is being generally made; and occasionally much heavier than triple is blown, the scale providing for glass weighing 39 ounces, 42 ounces, and even 52 ounces to the square foot. A 29-ounce glass, just between double and triple strength, has also been provided for in the scale. This glass runs seven lights to the inch. Since the piece rates of other occupations in the industry depend upon the scale for blowers, the agreement between employers and employees for 1916-17 is here reproduced in full as giving a more complete view of the present status of the industry:

WAGE SCALE OF THE NATIONAL WINDOW GLASS WORKERS.

(Effective Oct. 25, 1916, expiring May 29, 1917; agreed upon by the National Window Glass Workers and Manufacturers' Wage Committee, Cleveland, Sept. 21, 1916. For blast of 1916-17.)

The undersigned manufacturer of glass, located at ——— ———, agrees to the following wage scale and conditions.

This wage agreement shall be in full force and effect from October 25, 1916, to May 29, 1917, inclusive.

PER 100-FOOT BOX.

Single.

8 by 10 to 10 by 15.....	A	\$0. 60	B	\$0. 56
11 by 15 to 14 by 20.....	A	. 70	B	. 65
14 by 21 to 16 by 24.....	A	. 78	B	. 73
16 by 25 to 20 by 30.....	A	. 85	B	. 77
21 by 30 to 24 by 30.....	A	. 91	B	. 80
24 by 31 to 24 by 36.....	A	. 94	B	. 84
25 by 36 to 30 by 41.....	A	1. 04	B	. 91
All above.....	A	1. 09	B	. 97

Double.

6 by 8 to 16 by 24.....	A	\$0. 83	B	\$0. 75
16 by 25 to 24 by 36.....	A	1. 20	B	1. 07
24 by 37 to 30 by 40.....	A	1. 30	B	1. 17
30 by 41 to 36 by 51.....	A	1. 44	B	1. 30
36 by 52 to 39 by 60.....	A	1. 75	B	1. 60
40 by 60 to 40 by 78.....	A	2. 91	B	2. 67
All above.....	A	5. 37	B	5. 01
Grinders, per box.....				. 77

On the above single-strength brackets there shall be applied a 10 per cent advance differential to single-strength blowers exclusively.

ARTICLE 1. Gatherers shall receive 80 per cent as much as blowers' wages for both single and double in all sizes.

ART. 2. Flatteners shall receive 27 per cent as much as blowers' wages.

ART. 3. Cutters shall be paid for cutting single strength 30.5 cents per box of 100 square feet; for double strength, 38.5 cents per box of 100 square feet.

ART. 4. *Fluted glass.*—Fluted glass shall be paid for as follows:

\$1.50 per box of 100 square feet for the blower.

70 per cent as much as blowers' wages for the gatherer.

25 per cent as much as blowers' wages for the flattener.

\$0.39 per box of 100 square feet for the cutter.

ART. 5. All triple strength or 32-ounce glass shall be paid for as follows:

Blowers' wages per 100-foot box, up to and including 16 by 24, \$2.21; all above 16 by 24, \$2.50.

All triple blown containing 110 or more united inches, \$4.66 per box.

Gatherers, 75 per cent as much as blowers' wages.

Flatteners, 27 per cent as much as blowers' wages.

Cutters shall be paid for cutting 32-ounce, 34-ounce, and 36-ounce, 58 cents per box of 100 square feet, with price and one-half for all fractional sizes booked 16 by 16 and under exceeding 7½ boxes for each pot or place per week. For cutting 39-ounce, 70 cents per box of 100 square feet; 87 cents per box for fractions booked 16 by 16 and under.

ART. 6. When orders are given for 29-ounce glass averaging seven lights to the inch, all trades shall be paid at the rate of 25 per cent less than price specified for triple strength.

ART. 7. Glass averaging 39 ounces to 42 ounces to the square foot shall be paid for at the rate of \$4.66 per box to the blower; gatherers 75 per cent as much as blowers' wages.

ART. 8. Glass averaging 52 ounces to the square foot shall be paid for at the rate of \$5.83 per box to the blower; gatherers, 75 per cent as much as blowers' wages.

ART. 9. Single strength may be made in the following sizes only: Size specified is size work is to cut. Two inches in length and two inches in width is allowed for cutting.

36 by 56 may be made at the rate of ten per hour as special orders. 48 by 56 may be made at the rate of eight per hour as special orders, with the understanding that when orders on either of the above sizes are given glass is to be cut in sizes above the 16 by 24 bracket, provided the quality of the glass is suitable.

The following sizes in single strength may be made at the rate of nine per hour: 36 by 64, 38 by 60, 38 by 62, 40 by 56, 40 by 58, 40 by 60, 42 by 54, 42 by 56, 42 by 58, 44 by 52, 44 by 54, 44 by 56.

The company shall post in blowing room the size each shop single and double shall work on, and preceptors shall see that all workmen work on sizes specified.

Sixty-five rollers shall constitute a day's work. In case of a roller breaking on the crane or on the horse from capping off or cracking open, blowers and gatherers shall be privileged to make up such breakage so that 65 rollers are produced for a day's work.

ART. 10. *Number of D. S. rollers allowed per hour:*

All sizes up to and including 1,728 square inches, 9 per hour.

All sizes up to and including 2,160 square inches, 8 per hour.

All sizes up to and including 2,584 square inches, 7 per hour.

All sizes above 2,584 square inches, 6 per hour.

Up to and including	Per hour.	Up to and including	Per hour.
28 by 60.....	9	36 by 70.....	7
28 by 72.....	8	38 by 68.....	7
30 by 56.....	9	40 by 54.....	8
30 by 72.....	8	40 by 64.....	7
30 by 86.....	7	42 by 50.....	8
32 by 54.....	9	42 by 60.....	7
32 by 66.....	8	44 by 48.....	8
32 by 80.....	7	46 by 56.....	7
32 by 60.....	8	48 by 52.....	7
34 by 76.....	7		

ART. 11. Cutters shall receive price and one-half for all fractional sizes above 16 by 16 and double price for all sizes under 14 united inches, and above prices shall be subject to no discounts.

ART. 12. A boss cutter shall be employed by all firms and shall be a member of the National Window Glass Workers in good standing. Boss cutters shall receive the following rate of wages for their services: For 12 pots or less, \$12.50 per week, and \$2.50 for each additional 12 pots or less per week. This rate only to apply to cutters who are cutting.

ART. 13. The number of lights per box in all strengths shall be uniform.

ART. 14. The following list governs cutters when setting out single-strength sheets; 6½ lights per 100 feet. In setting out double-strength sheets, 50 by 60 or the equivalent in square inches shall be set out at the rate of 5 lights per box.

ART. 15. Manufacturers may set out stock sheets in amounts not to exceed 2,400 feet per four weeks for any pot, place, or blower. Stock sheets to be set out at a ratio of one box per blowing. This to apply to both single and double.

The single and double strength glass set out shall be booked to the blower at the price the single-strength glass and double-strength glass, respectively, cut and packed during the week it is set out, averages per box.

The cutter is to receive full price for all glass set out in stock sheets.

Stock sheets shall not be cut up or shipped during the blast.

ART. 16. Poor double-strength glass may be set out for grinding at the rate of 1,000 feet per four weeks per pot or place, and not to exceed 1,000 feet for any four weeks. Single strength shall not be set out for grinding purposes.

ART. 17. Crackled or muffled glass shall be paid for at the rate of \$1.50 per box of 100 square feet. Gatherers to receive 80 per cent as much as blowers' wages.

ART. 18. There shall be no glass blown, gathered, flattened or cut, on the following holidays: Thanksgiving, Christmas and Labor Day.

ART. 19. Manufacturers shall furnish oil, soap, chalk, and ice for drinking water; also must, at their own cost, piece blowpipes and put new handles on same.

ART. 20. Manufacturers shall pay snappers' wages, and it is hereby agreed that it is the duty of blowers and gatherers to work without snappers when it is not possible for the company to secure the services of a snapper, and for such services there shall be extra compensation paid to the blower and gatherer equaling the amount paid a snapper.

It is also agreed by representatives of the National Window Glass Workers, parties to this wage scale, that it shall be the duty of the blower to cap off when a snapper is not capable of so doing.

ART. 21. Manufacturers shall deduct from the earnings of all members of the National Window Glass Workers working for them two per cent (2%) of the amount earned, for dues to the National Window Glass Workers and shall, within 10 days after each and every settlement, present a check for the full amount to the chief preceptor, payable to the secretary of the National Window Glass Workers, together with the names, amounts earned, and the amount paid by each member during said period, same to be forwarded by the chief preceptor to the national secretary. No debt of any kind that a member contracts shall prevent the deduction of this two per cent (2%), and any manufacturer who overpays or fails to deduct and forward said money for dues shall be held liable to the National Window Glass Workers for the payment of same, whether the member has anything due him or not. This also applies to entire earnings for boss cutters. All bills to be presented weekly, with the amount earned. Said bills to have the amount of glass cut in each bracket and the amount of A and B.

ART. 22. The manufacturer shall deduct money from members' wages when notified to do so by the president, secretary, chief preceptor, or executive board, and the National Window Glass Workers shall collect from its members money or transportation advanced to its members by any manufacturer, provided the member signs an order and continues to work at his trade.

ART. 23. In case of dispute over poor glass the blower and gatherer shall be required to work at list wages, unless released by the manager or chief preceptor, except that this shall not apply to stony glass, in which case the manufacturer shall pay an average day's wages if he insists on having the glass worked. The gatherer and flattener shall receive the same proportionate guaranty as the blowers' guaranty. When a general guaranty is given at any plant to protect the blower, gatherer, and flattener from poor glass, it shall be made by the chief preceptor and local council, subject to ratification by the president or executive board. Should such guaranteed glass amount to more than the specified guaranty, the blower, gatherer, and flattener shall receive the benefit of the full amount of such excess. Should such guaranteed glass amount to less than the specified guaranty, the cutter shall receive the same relative increase as provided for the blower, gatherer, and flattener as above.

ART. 24. Manufacturers shall pay all workmen weekly. Members shall be paid for a week's work not later than the following week.

ART. 25. Forty (40) hours shall constitute a week's work for the blowers and gatherers. The following system may be adopted when locals so decide: In order to do away with the 4 o'clock shift on Saturday morning the midnight shift shall produce

a full day's work, the day shift starting at 8 o'clock and working until 12 noon. The 4 o'clock shift finishes work for the week at midnight Friday night. All work ceases on Saturday at 12 o'clock noon.

ART. 26. The president and executive board of the National Window Glass Workers shall have the privilege at any time during the operative period of this agreement to place a checker in the plant of any company in which they see fit so to do. Said checker shall have the privilege of making a record of all glass cut and packed at said plant.

ART. 27. All manufacturers signing or authorizing the signing of this scale hereby agree to bind themselves to comply with the usages and working rules of the National Window Glass Workers, which shall be printed for the use of both parties.

ART. 28. In case of fires being blocked or plants going out of blast, all glass must be cut up and counted off by the regular cutter and the four trades paid in full at the end of seven days from time of going out of blast.

ART. 29. All manufacturers signing this scale hereby bind themselves and those they represent to and with the National Window Glass Workers, that they will not, either by themselves or any officer, stockholder, representative, or other authorized person, sign any other scale or agree to pay any other scale of wages than the scale provided herein, and for any violation of this the president of the National Window Glass Workers shall, upon being satisfied of the violation, notify the company or firm that they have canceled this scale to such manufacturers, and all members of the National Window Glass Workers employed by such manufacturers shall cease work.

ART. 30. We, the scale committee of the National Window Glass Workers, do hereby declare that we represent each and every member of the National Window Glass Workers, and that we have been given full authority by all of said members to sign this scale and each manufacturer signing or authorizing the signing of this scale thereby recognizes the said scale committee and acknowledges its authority to so sign.

SECTION II.

Rules for working—Manufacturers.

ARTICLE 1. A monthly statement of production giving amount of glass cut in each bracket, quality of glass and amount earned by each blower shall be forwarded by each manufacturer to the secretary of the National Window Glass Workers not later than seven days after the end of the last working week of each month. Forms on which the entries are to be made shall be furnished to each company by the secretary of the National Window Glass Workers.

ART. 2. Manufacturers shall employ regular skimmers for both day and night shifts on each tank to do all necessary skimming. Gatherers shall be permitted to skim at the beginning of the shift and at tempo.

ART. 3. Manufacturers paying on Saturday shall do so before 12 o'clock noon.

ART. 4. No chief preceptor, executive officer, scale committeeman, or trustee shall be discharged during the blast except for willfully neglecting his work or incompetency, which shall be proven to satisfaction of local council.

ART. 5. Any company hiring a member and said member upon arrival and reporting for duty, finding no vacancy existing or plant not ready to operate, as per notification, shall pay said member at the rate of \$20 per week until place is vacant or plant in operation, or at the option of the member said company shall defray all expenses incurred by said member from the time he left his home or place of starting until his return to destination.

ART. 6. Any manufacturer introducing into his flattening house, blow furnaces, tank, or pots new inventions or supposed improvements shall, so long as said improvements continue to be an experiment, or until it shall have been demonstrated that it shall not be a loss to the workmen, pay a guaranty to all workmen whose work is or

may be affected by said machine or invention. Said guaranty shall consist of so much per box and every six and one-half ($6\frac{1}{2}$) rollers to constitute a box of S. S. and the number of rollers according to the regular list to constitute a box of D. S. Said guaranty to be arranged between the manager of the said works and the national president of the National Window Glass Workers subject to ratification of the executive board.

ART. 7. No member of the National Window Glass Workers shall be denied the right to enter any factory flattening house or cutting room where the national scale is in force. This not to apply to men under the influence of strong drink, sleeping in factories, or using abusive language.

SECTION III.

General working rules.

ARTICLE 1. The following working rules shall govern both manufacturers and members of this association on and after the signing of what is known as the wage scale.

ART. 2. In all cases except in cases of willful neglect of work, when immediate discharge may follow, seven days' notice shall be given before discharging any workman except that a two weeks' notice shall be given by both manufacturers and workmen in case of discharge or quitting a place previous to commencement of blast. Any workman desiring to quit a place shall be required to give seven days' notice and to faithfully work out same unless released by his employer. Notice to quit a place to be valid must be given in writing to the chief preceptor, this to apply alike to employers and men. Clearance cards are to be signed by the chief preceptor and the manager for the company.

ART. 3. When a member leaves a factory, either by discharge, release by manager, or after having worked out his week's notice, the chief preceptor shall notify the manager or firm that the member's wages are due immediately or in no case later than seven days after the expiration of notice or dismissal.

ART. 4. Blowers and gatherers shall not be allowed to work two successive shifts. Spare men are allowed to work 40 hours per week and may work two successive shifts, provided they do not work a number of hours exceeding the number worked by a regular shift.

ART. 5. No member shall gather or blow before 1 o'clock a. m. Monday.

ART. 6. No member of this association shall pay for the piecing or repairing of pipes, or tools, at any time, and the manufacturer shall also furnish pipe handles and have them put on. A rental charge, not to exceed 25 cents per week, may be made when manufacturers furnish a full set of blowpipes.

ART. 7. Gatherers and blowers working spare glass shall mark it spare and have it kept separate.

ART. 8. All companies engaging a spare man will have him mark his glass when gathering the same as when blowing, and not pay an average blowing.

ART. 9. Manufacturers shall furnish blackboard or slate to lehr tenders and shove boys on which shall be kept an account of all glass which bursts in the oven and number of pieces coming off the lehr.

ART. 10. No two blowers or gatherers will be allowed to work in the same place on the same shift except as helper, unless in case of accident to a ring such as is caused by iron falling into the tank. Two gatherers may be allowed to work in the same place provided the change is acceptable to the blower and gatherer regularly hired in such place.

ART. 11. A list of all fines imposed shall be handed into the office of the company by the chief preceptor and the amount deducted from such workmen's accounts at the next settlement.

ART. 12. A blower or gatherer working at single strength, making a thickness of less than eleven to the inch, shall be fined \$5 for each and every offense.

ART. 13. Members will not be allowed to work with anyone not a member of this association. This, however, does not apply to discharged apprentices.

ART. 14. Any blower or gatherer making more grinders than provided for by law, or any cutter cutting or setting out more stock sheets or grinders than provided by law, shall be fined not less than \$5 for the first offense and \$10 for each succeeding offense.

ART. 15. No single-strength blower or place will be allowed to make double-strength grinders.

ART. 16. No blower shall be allowed to let snappers open, swing or put rollers on the crane. Anyone violating this law shall be fined at the discretion of the local council. This shall also apply to snapper carrying lump to cooling tub.

ART. 17. Snappers shall not be allowed to gather on ring irons for the purpose of filling thread pots or glaze blocks or to make trinkets. This does not apply to snappers gathering threads during the blowing.

ART. 18. Blowers and gatherers shall be compensated at the rate of \$5 per week for two weeks, the amount to be shared in any manner agreed upon by the blower and gatherer, for teaching a snapper who is not competent. Where it is not possible to secure the services of a snapper, blowers and gatherers shall work without snappers and shall receive snappers' pay.

ART. 19. No member or local when a difficulty arises shall have the right to cease work or pull pipes without the authority or permission of the national president or executive board through the local council.

ART. 20. Forty (40) hours shall constitute a week's work for blowers and gatherers. The following system may be adopted when locals so decide: In order to do away with the 4-o'clock shift on Saturday morning, the midnight shift shall produce a full day's work, the day shift starting at 8 o'clock and working until 12 o'clock noon. The 4-o'clock shift finishes work for the week at midnight Friday night. All work ceases on Saturday at 12 o'clock noon.

ART. 21. Where breakage of glass occurs through fault in construction of flattening oven, or breaking of dip frames, blowers and gatherers and flatteners shall be reimbursed and receive an average of pay for all glass broken.

ART. 22. A thorough investigation of the methods of any company shall be undertaken when charges are made by chief preceptor and council that members are not receiving proper amount of boxes or wages. Any member assisting in the investigation shall be properly protected by the organization.

SECTION IV.

Flatteners.

ARTICLE 1. Twelve pots shall be the limit for any one flattening oven.

ART. 2. Where twelve pots are flattened in any oven, three flatteners shall be employed on said oven.

ART. 3. All flatteners working twelve-hour turns shall stop at least thirty minutes for lunch.

ART. 4. No flattener shall flatten for more than four pots, unless in case of actual emergency.

ART. 5. Any flattener working where coal is used shall not be allowed to clinker out producer or put on braces.

ART. 6. No one other than an apprentice shall be allowed to lay out unless the oven is larger than a four-stone. Any flattener violating this law shall be fined \$25.

ART. 7. Flatteners shall not saw or cut the rounds off logs or scantlings to prepare blocks. A supply of flattening blocks shall be placed before each oven.

ART. 8. No flattener shall be allowed to pay any part of layer-out wages, or any help that may be employed about the flattening house.

ART. 9. No flattener shall be allowed to assist in setting flattening stones, building fire boxes or mantles, or anything pertaining thereto. This only to apply during time fire is in blast.

SECTION V.

Cutters.

ARTICLE 1. No cutter shall be allowed to cut more than two and a half ($2\frac{1}{2}$) pots of single strength and three (3) pots of double strength.

ART. 2. Each cutter shall assert his own glass count off the same and credit to the blower, gatherer, and flattener, retaining the amount of glass on his slate until the chief preceptor has received the bills for the amounts of glass produced each week, and the cutter shall give the blower, gatherer, and flattener a weekly account of glass cut, and shall also place slips which will state number of boxes cut and brackets in which they are booked after having counted off.

ART. 3. No cutter shall work while the fire is out filling orders from glass set out in the sheet for weekly wages, when such wages would be exceeded in amount if the glass cut was paid for according to the regular price per box, as fixed in the articles of agreement between this association and the manufacturers.

ART. 4. Cutters setting out single-strength stock sheets shall book six and one-half ($6\frac{1}{2}$) lights per hundred foot box to the blower.

ART. 5. Each manufacturer shall employ a boss cutter, said boss cutter to be a member of the National Window Glass Workers and he shall divide and distribute the orders among the cutters.

ART. 6. All fractional sizes shall be counted to the full inch above.

ART. 7. No cutter shall be allowed to accept less than the regular price per box for cutting on account of the employment of an assorter.

ART. 8. All glass must be flattened and cut weekly, except in cases of ovens breaking down or other unavoidable circumstances.

ART. 9. Cutters when squaring up glass in sheets and standing them out shall book the same according to the wage agreement, and any cutter violating this law shall be fined \$25 for the first offense and \$50 for the second offense, and any member found guilty of a third offense shall be suspended from the association.

ART. 10. Cutters shall not be allowed to work on Sunday, subject to a fine of \$5 for each and every offense.

ART. 11. All stock sheets must be handled by the cutter, who shall receive full pay for doing same.

ART. 12. Cutters shall not cut or book more than one blower's glass at any one time.

ART. 13. Cutters shall not carry spare glass into their stalls to cut. The company shall bear the expense of such transfer of glass.

ART. 14. Cutters shall not be allowed to keep an account of the snappers' work.

ART. 15. The manufacturers shall furnish oil and chalk for cutters.

ART. 16. Cutters shall not be allowed to cut glass in any size and book same to the company and themselves.

For violation of the above a fine of \$25 shall be imposed for the first offense, \$50 for the second offense, and suspension from the association for the third offense.

WINDOW GLASS—PIECE RATE PER

Brackets.	Sept. 1, 1908, to Feb. 27, 1909.	Feb. 27, 1909, to Aug. 31, 1909.		Sept. 1, 1909, to May 1, 1910.		Oct. 15, 1910, to Jan. 23, 1911.		Jan. 24, 1911, to Aug. 31, 1911.	
		A	B	A	B	A	B	A	B
SINGLE STRENGTH.									
6 by 8 to 10 by 15.....	\$0.36	\$0.42	\$0.40	\$0.44	\$0.36			\$0.44	\$0.36
10 by 16 to 16 by 24.....	.46	.42	.40						
16 by 25 to 24 by 30.....	.66	.42	.40	.54	.46			.54	.46
16 by 25 to 24 by 36.....	.78	.42	.40						
24 by 31 to 24 by 36.....	.86	.42	.40	.62	.54			.62	.54
24 by 37 to 26 by 40.....	1.00	.42	.40						
All above.....									
SINGLE STRENGTH.									
6 by 8 to 14 by 20.....						\$0.45	\$0.38		
14 by 21 to 24 by 30.....						.77	.69		
24 by 31 to 30 by 40.....						.96	.85		
All above.....						1.20	1.00		
SINGLE STRENGTH.									
8 by 10 to 10 by 15.....									
11 by 15 to 14 by 20.....									
14 by 21 to 16 by 24.....									
16 by 25 to 20 by 30.....									
21 by 30 to 24 by 30.....									
24 by 31 to 24 by 36.....									
25 by 36 to 30 by 41.....									
All above.....									
DOUBLE STRENGTH.									
6 by 8 to 16 by 24.....	.60	.66	.60	.52	.42	1.00	.90	.52	.42
16 by 25 to 24 by 36.....	1.00								
24 by 37 to 30 by 41.....	1.20	.84	.78	1.15	1.00	1.40	1.25	.84	.78
30 by 42 to 36 by 51.....	1.50								
36 by 52 to 39 by 60.....	1.70	1.75	1.60	3.00	2.50	3.50	3.00	1.75	1.60
40 by 60 to 40 by 65.....	2.50								
40 by 66 to 40 by 70.....	3.00	1.61	1.50	1.75	1.60	3.50	3.00	1.75	1.60
40 by 71 to 40 by 78.....	3.50								
16 by 24.....						2.40	1.85		
39 by 61 to 40 by 65.....									
24 by 37 to 30 by 40.....									
30 by 41 to 36 by 51.....									
All above glass containing 120 united inches or more and all glass 54 inches wide or wider.....	4.50	3.22½	3.00	3.22	3.00	4.25	3.50	3.22	3.00
Grinders.....	.70	.42	.42	.45	.45	.58	.58	.46	.46

GLASS BOTTLES.

The Glass Bottle Blowers' Association (workmen's union) and the various glass manufacturers' associations representing their employers have had wage-scale agreements for considerably over a quarter of a century. There had been but little change in piece rates in the hand-blowing prescription ware department for years prior to 1912. The machine-blowing establishments had succeeded in breaking the price on fruit jars, milk jars, and the larger wide-mouth ware generally, and had forced the establishment of machine wage scales, which, while leaving the old flint prescription rates in the printed book of rates, nevertheless transferred the work to the machines. As an instance of what is here meant, it will be noted that "milk jars" are listed in the following table showing hand-blowers' rates at \$1.72 per gross for quart jars. This is the hand rate, but as a matter of fact few or none are now hand blown, and the same articles are found in the next table, or machine operators' rates, at 38 cents per 100 bottles.

The machine was not, however, at first a brilliant success in the production of narrow-mouth druggist prescription bottles of the smaller sizes; and while the competition was severe, the workmen were able to force the manufacturers to stand the brunt of it without its being reflected in the wage scale. In 1912, however, the workmen accepted a reduction on 3-ounce bottles and above, but still insisted that on sizes under 3-ounce the competition of the machine was not serious and must be met and borne by the manufacturers. In the 1914-15 scale a reduction was accepted on the smaller-sized bottles. There was, however, a slight increase in the rates in 1916-17 over 1914-15.

HAND RATES.

The following table shows for the hand-blown prescription ware division of the industry the piece rates per gross paid to blowers from 1907 to 1917. The selection of articles to be included in this table was made with a view to giving a few basic articles, from the rate upon which anyone familiar with the trade could know the general level of rates and be able to determine very closely what the rate on any specific article would be. Generally speaking, blowing is done in the United States by "shops"—a shop consists of three blowers and the necessary "boy labor" to take care of the production of these three. Two blow and one finishes, these interchanging work occasionally. Finishing means shaping the "neck" and putting the "lip" on the bottle. On all small ware the blower gathers his own glass.

GLASS BOTTLES (HAND BLOWING)--PIECE RATES

Kind of bottle.	Size.		Rate per gross paid blowers for the season.				
	Capacity.	Weight.	1907-8		1909-10		
			Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.	
Prescription, round and fluted, long and short.	$\frac{1}{2}$ dram to 1 ounce.	1 $\frac{1}{2}$ ounces.....	\$0.54	\$0.58	\$0.54	\$0.58	
	2 ounces.....	2 ounces.....	.58	.61	.58	.61	
	3 ounces.....	2 $\frac{1}{2}$ ounces.....	.61	.64	.61	.64	
	4 ounces.....	3 $\frac{1}{2}$ ounces.....	.67	.72	.67	.72	
	6 ounces.....	5 ounces.....	.76	.80	.76	.80	
	8 ounces.....	6 $\frac{1}{2}$ ounces.....	.86	.89	.86	.89	
	16 ounces.....	11 ounces.....	1.14	1.20	1.14	1.20	
	32 ounces.....	18 ounces.....	1.52	1.57	1.52	1.57	
	Prescription, ovals, French squares, tall blakes and tall oblongs.	1 ounce.....	1 $\frac{1}{4}$ ounces.....	.56	.58	.56	.58
		2 ounces.....	2 ounces.....	.58	.61	.58	.61
3 ounces.....		3 ounces.....	.63	.66	.63	.66	
4 ounces.....		4 ounces.....	.70	.74	.70	.74	
6 ounces.....		5 $\frac{1}{2}$ ounces.....	.80	.83	.80	.83	
8 ounces.....		7 ounces.....	.90	.94	.90	.94	
16 ounces.....		12 ounces.....	1.19	1.24	1.19	1.24	
32 ounces.....		20 ounces.....	1.62	1.66	1.62	1.66	
Flats, short blakes and short oblongs.		1 ounce.....	1 $\frac{1}{2}$ ounces.....	.58	.60	.58	.60
		2 ounces.....	2 $\frac{1}{2}$ ounces.....	.62	.64	.62	.64
	3 ounces.....	3 $\frac{1}{2}$ ounces.....	.67	.69	.67	.69	
	4 ounces.....	4 $\frac{1}{2}$ ounces.....	.74	.76	.74	.76	
	6 ounces.....	6 ounces.....	.85	.87	.85	.87	
	8 ounces.....	8 ounces.....	.96	.98	.96	.98	
	16 ounces.....	14 ounces.....	1.30	1.32	1.30	1.32	
	32 ounces.....	22 ounces.....	1.78	1.80	1.78	1.80	

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1916. 259

PER GROSS PAID TO BLOWERS, 1907-8 TO 1916-17.

Rate per gross paid blowers for the season.											
1910-11		1911-12		1912-13		1913-14		1914-15		1916-17	
Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.	Narrow mouth.	Wide mouth.
\$0.54	\$0.58	\$0.54	\$0.58	\$0.54	\$0.58	\$0.54	\$0.58	\$0.43	\$0.46	\$0.47	\$0.51
.58	.61	.58	.61	.58	.61	.58	.61	.46	.49	.51	.54
.61	.64	.61	.64	.49	.51	.49	.51	.49	.51	.54	.56
.67	.72	.67	.72	.54	.58	.54	.58	.54	.58	.59	.64
.76	.80	.76	.80	.61	.64	.61	.64	.61	.64	.67	.70
.86	.89	.86	.89	.69	.71	.69	.71	.69	.71	.76	.78
1.14	1.20	1.14	1.20	.91	.96	.91	.96	.91	.96	1.00	1.06
1.52	1.57	1.52	1.57	1.22	1.26	1.22	1.26	1.22	1.26	1.34	1.39
.56	.58	.56	.58	.56	.58	.56	.58	.45	.46	.49	.51
.58	.61	.58	.61	.58	.61	.58	.61	.46	.49	.51	.54
.63	.66	.63	.66	.50	.53	.50	.53	.50	.53	.55	.58
.70	.74	.70	.74	.56	.59	.56	.59	.56	.59	.62	.65
.80	.83	.80	.83	.64	.66	.64	.66	.64	.66	.70	.73
.90	.94	.90	.94	.72	.75	.72	.75	.72	.75	.79	.83
1.19	1.24	1.19	1.24	.95	.99	.95	.99	.95	.99	1.05	1.09
1.62	1.66	1.62	1.66	1.30	1.33	1.30	1.33	1.30	1.33	1.43	1.46
.58	.60	.58	.60	.58	.60	.58	.60	.46	.48	.51	.53
.62	.64	.62	.64	.62	.64	.62	.64	.50	.51	.55	.56
.67	.69	.67	.69	.54	.55	.54	.55	.54	.55	.59	.61
.74	.76	.74	.76	.59	.61	.59	.61	.59	.61	.65	.67
.85	.87	.85	.87	.68	.70	.68	.70	.68	.70	.75	.77
.96	.98	.96	.98	.77	.78	.77	.78	.77	.78	.85	.86
1.30	1.32	1.30	1.32	1.04	1.06	1.04	1.06	1.04	1.06	1.14	1.17
1.78	1.80	1.78	1.80	1.42	1.45	1.42	1.44	1.42	1.44	1.56	1.58

GLASS BOTTLES (HAND BLOWING)—PIECE RATES PER GROSS PAID TO BLOWERS,
1907-8 TO 1916-17—Concluded.

Kind of bottle.	Size.		Rate per gross paid blowers for the season.							
	Capacity.	Weight.	1907-8	1909-10	1910-11	1911-12	1912-13	1913-14	1914-15	1916-17
Pickle jars:										
Baltimore style.....	6 ounces.....	6 ounces.....	\$0.86	\$0.86	\$0.86	\$0.86	\$0.69	\$0.69	\$0.69	\$0.69
Do.....	8 ounces.....	8 ounces.....	.98	.98	.98	.98	.78	.78	.78	.78
Do.....	12 ounces.....	12 ounces.....	1.18	1.18	1.18	1.18	.94	.94	.94	.94
Do.....	16 ounces.....	16 ounces.....	1.42	1.42	1.42	1.42	1.14	1.14	1.14	1.14
Olive list.....	4 ounces.....	4 ounces.....	.72	.72	.72	.72	.58	.58	.58	.58
Do.....	8 ounces.....	8 ounces.....	1.02	1.02	1.02	1.02	.82	.82	.82	.82
Do.....	12 ounces.....	12 ounces.....	1.24	1.24	1.24	1.24	.99	.99	.99	.99
Do.....	16 ounces.....	16 ounces.....	1.46	1.46	1.46	1.46	1.17	1.17	1.17	1.17
Demijohns and carboys.	1 gallon.....	1 gallon.....	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26
Do.....	2 gallons.....	2 gallons.....	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Do.....	4 gallons.....	4 gallons.....	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
Do.....	8 gallons.....	8 gallons.....	2.08 ¹	2.08 ¹	2.08 ¹	2.08 ¹	2.08 ¹	2.08 ¹	2.08 ¹	2.08 ¹
Do.....	16 gallons.....	16 gallons.....	2.14 ²	2.14 ²	2.14 ²	2.14 ²	2.14 ²	2.14 ²	2.14 ²	2.14 ²
Bulb-neck or export beers.	1 pint.....	14 to 16 ounces.....	1.32	1.06	1.06	1.06	.85	.85	.85	.85
Do.....	1 quart.....	22 to 24 ounces.....	1.59	1.27	1.27	1.27	1.02	1.02	1.02	1.02
Lager beers, champagne shape.	16 ounces.....	16 ounces.....	1.38	1.10	1.10	1.10	.88	.88	.88	.88
Apollinaris and select beers.	32 ounces.....	32 ounces.....	2.11	1.69	1.69	1.69	1.35	1.35	1.35	1.35
Mineral waters and gin- ger ales.	6 ounces.....	6 ounces.....	.83	.83	.83	.83	.83	.66	.66	.66
Do.....	12 ounces.....	12 ounces.....	1.18 ¹	.95	.95	.95	.76	.76	.76	.76
Do.....	16 ounces.....	16 ounces.....	1.41	1.13	1.13	1.13	.90	.90	.90	.90
Whiskies.....	8 ounces.....	8 ounces.....	.99	.79	.79	.79	.63	.63	.63	.63
Do.....	16 ounces.....	13 ounces.....	1.23	.98	.98	.98	.78	.78	.78	.78
Do.....	32 ounces.....	24 ounces.....	1.71	1.37	1.37	1.37	1.10	1.10	1.10	1.10
Milk jars.....	1/2 pint.....	12 ounces.....	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
Do.....	1 pint.....	16 ounces.....	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
Do.....	2 pints.....	21 ounces.....	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
Prescription, miscellane- ous ovals, and French squares: Half oval, one side flat.	1/2 ounce.....	1/2 ounce.....	.54	.54	.54	.54	.54	.43	.43	.47
Round castor oils and lemon syrups.	1 ounce.....	1 1/2 ounces.....	.60	.60	.60	.60	.60	.48	.48	.53
Do.....	2 ounces.....	2 1/2 ounces.....	.65	.65	.65	.65	.65	.52	.52	.57
Do.....	3 ounces.....	3 ounces.....	.70	.70	.70	.70	.70	.56	.56	.62
Do.....	4 ounces.....	4 ounces.....	.76	.76	.76	.76	.76	.61	.61	.67
Do.....	8 ounces.....	8 ounces.....	.92	.92	.92	.92	.92	.74	.74	.81
Do.....	16 ounces.....	11 ounces.....	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.00
Do.....	32 ounces.....	20 ounces.....	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.43
Oval castor oils.....	1 ounce.....	1 1/2 ounces.....	.58	.58	.58	.58	.58	.46	.46	.51
Do.....	2 ounces.....	2 1/2 ounces.....	.62	.62	.62	.62	.62	.50	.50	.55
Do.....	3 ounces.....	3 ounces.....	.69	.69	.69	.69	.69	.55	.55	.60
Do.....	4 ounces.....	4 ounces.....	.77	.77	.77	.77	.77	.62	.62	.68
Do.....	8 ounces.....	7 1/2 ounces.....	.96	.96	.96	.96	.96	.77	.77	.85
Do.....	16 ounces.....	12 ounces.....	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.05
Panels and cod-liver oils.	1 ounce.....	2 ounces.....	.59	.59	.59	.59	.59	.47	.47	.52
Do.....	2 ounces.....	3 ounces.....	.65	.65	.65	.65	.65	.52	.52	.57
Do.....	3 ounces.....	4 ounces.....	.73	.73	.73	.73	.73	.58	.58	.64
Do.....	4 ounces.....	5 ounces.....	.80	.80	.80	.80	.80	.64	.64	.70
Do.....	8 ounces.....	10 ounces.....	1.14	1.14	1.14	1.14	.91	.91	.91	1.00
Do.....	16 ounces.....	16 ounces.....	1.44	1.44	1.44	1.44	1.15	1.15	1.15	1.26
Do.....	32 ounces.....	26 ounces.....	2.04	2.04	2.04	2.04	1.63	1.63	1.63	1.79
Ball-neck panels.....	1 ounce.....	3 ounces.....	.....	.....	.....	.....	.....	.52	.52	.57
Do.....	2 ounces.....	4 1/2 ounces.....	.....	.....	.....	.....	.....	.59	.59	.65
Do.....	3 ounces.....	6 ounces.....	.....	.....	.....	.....	.....	.68	.68	.75
Do.....	4 ounces.....	7 ounces.....	.....	.....	.....	.....	.....	.73	.73	.80
Do.....	8 ounces.....	11 1/2 ounces.....	.....	.....	.....	.....	.....	.98	.98	1.08
Do.....	16 ounces.....	23 ounces.....	.....	.....	.....	.....	.....	1.53	1.53	1.68
Nursing bottles.....	6 ounces.....	5 ounces.....	3.76	3.76	3.76	3.76	3.61	3.61	3.61	3.67
Do.....	8 ounces.....	7 ounces.....	3.90	3.90	3.90	3.90	3.72	3.72	3.72	3.79
Do.....	12 ounces.....	10 ounces.....	3.108	3.108	3.108	3.108	3.86	3.86	3.86	3.95
Baking powder.....	1/2 pound.....	6 ounces.....	.72	.72	.72	.72	.58	.58	.58	.58
Do.....	1 pound.....	8 ounces.....	.85	.85	.85	.85	.68	.68	.68	.68
Catsup.....	4 ounces.....	4 ounces.....	.70	.70	.70	.70	.70	.70	.70	.70
Do.....	8 ounces.....	7 ounces.....	.90	.72	.72	.72	.72	.72	.72	.79
Do.....	12 ounces.....	10 ounces.....	1.08	.86	.86	.86	.86	.86	.86	.95
Do.....	16 ounces.....	14 ounces.....	1.30	1.04	1.04	1.04	1.04	1.04	1.04	1.14
Do.....	32 ounces.....	23 ounces.....	1.82	1.46	1.46	1.46	1.46	1.46	1.46	1.61

¹ Per dozen.² Per bottle.³ Straight neck.

MACHINE RATES.

The rates here shown are those agreed upon between the Glass Bottle Blowers' Association and the Machine Glass Bottle and Jar Manufacturers' Association. There are but two machines with the users of which the union has wage-rate agreements.

At the time of writing this report the Owens automatic machines were not covered by any union scale of wages. The only machines operated under union wage agreements as to piece rates are those of the United Bottle Machine Co. of New York (a machine originating in England) and the O'Neill narrow-mouth machine. The "United" is a "three-man machine," i. e., requires three men to operate it. These machines now for the most part make beer bottles, "minerals and sodas," and "Brandy 4's" and "Brandy 5's" with long necks.

The O'Neill, which was originally a "two-man machine," has now an automatic cut-off, which makes it a one-man machine.

The following table shows the rate per 100 pieces paid to machine operators from 1908 to 1917 on articles selected to show to one acquainted with the trade the general level of rates in the industry:

GLASS BOTTLES AND JARS (MACHINE)—RATES PER 100 PIECES PAID TO MACHINE OPERATORS, 1908-9 TO 1916-17.

Kind of bottle.	Size.		Rate per 100 paid hand-machine operators for the season.							
	Capacity.	Weight.	1908-9	1909-10	1910-11	1911-12	1912-13	1913-14	1914-15	1916-17
Jars, fruit:										
Improved Mason	1 pint.....		\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15
Jam jar.....	1 pint.....		.15	.15	.15	.15	.15	.15	.15	.15
Improved top,										
Mason	1 quart.....		.18	.18	.18	.18	.18	.18	.18	.18
Do.....	½ gallon.....		.24½	.24½	.24½	.24½	.24½	.24½	.24½	.24½
Milk:										
½ pint.....	3½ ounces..	7 ounces..	.17	.17	.17	.17	.17	.17	.17	.17
¾ pint.....	8 ounces..	11 ounces..	.21	.21	.21	.21	.21	.21	.21	.21
1 pint.....	16 ounces..	15 ounces..	.25	.25	.25	.25	.25	.25	.25	.25
1 quart.....	32 ounces..	26 ounces..	.38	.38	.38	.38	.38	.38	.38	.38
Cherries and olives:										
Round.....	12 ounces..	11 ounces..	.20	.20	.20	.20	.20	.20	.20	.20
Do.....	16 ounces..	13 ounces..	.21	.21	.21	.21	.21	.21	.21	.21
Do.....	18 ounces..	15 ounces..	.26	.26	.26	.26	.26	.26	.26	.26
Do.....	27 ounces..	22 ounces..	.30	.30	.30	.30	.30	.30	.30	.30
Jellies and tumblers:										
¾-pint jelly glasses.	8 ounces...	6 ounces...	.13	.13	.13	.13	.13	.13	.13	.13
Vaselines, pomades,										
mucilages, and										
pastes:										
Round, wide-	1 ounce....	2 ounces...	.12	.12	.12	.12	.12	.12	.12	.12
Do.....	2 ounces...	2 ounces...	.12	.12	.12	.12	.12	.12	.12	.12
Do.....	4 ounces...	5 ounces...	.14	.14	.14	.14	.14	.14	.14	.14
Do.....	8 ounces...	7 ounces...	.15	.15	.15	.15	.15	.15	.15	.15
Jams, preserves:										
Round, pre-	8 ounces...	8 ounces...	.15	.15	.15	.15	.15	.15	.15	.15
serves.....	7 ounces...	8½ ounces..	.16	.16	.16	.16	.16	.16	.16	.16
Round, pre-	12 ounces..	10 ounces..	.18	.18	.18	.18	.18	.18	.18	.18
serves.....	16 ounces..	11½ ounces.	.18	.18	.18	.18	.18	.18	.18	.18
Round, jam										
serves.....	16 ounces..	14 ounces..	.23½	.23½	.23½	.23½	.23½	.23½	.23½	.23½

GLASS BOTTLES AND JARS (MACHINE)—RATES PER 100 PIECES PAID TO MACHINE OPERATORS, 1908-9 TO 1916-17—Concluded.

Kind of bottle.	Size.		Rate per 100 paid hand-machine operators for the season.							
	Capacity.	Weight.	1908-9	1909-10	1910-11	1911-12	1912-13	1913-14	1914-15	1916-17
Prescriptions, bromos, and morphines:										
Square, morphine.....	1 ounce...	2 ounces...	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$	\$0.12 $\frac{1}{2}$
Round, bromo.....	$\frac{3}{4}$ ounce...	1 $\frac{1}{2}$ ounces...	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.13 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$
Do.....	2 $\frac{1}{2}$ ounces...	3 $\frac{1}{2}$ ounces...	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$
Do.....	5 ounces...	6 ounces...	.17	.17	.17	.17	.17	.17	.17	.17
Sponge, varnishes, blackings, glues:										
Round, polish.....	4 ounces...	5 $\frac{1}{2}$ ounces...	.15	.15	.15	.15	.15	.15	.15	.15
Square, polish.....	4 ounces...	6 ounces...	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$
Round, blacking.....	6 ounces...	5 $\frac{1}{2}$ ounces...	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$
Do.....	8 ounces...	7 $\frac{1}{2}$ ounces...	.18	.18	.18	.18	.18	.18	.18	.18
Horse-radishes, pickles, and chows:										
Round, horse radish.....	4 ounces...	4 $\frac{1}{2}$ ounces...	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$	.14 $\frac{1}{2}$
Round, pickle.....	8 ounces...	7 ounces...	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$	.16 $\frac{1}{2}$
Fluted, pickle.....	11 ounces...	9 ounces...	.18	.18	.18	.18	.18	.18	.18	.18
Fluted, chow.....	11 ounces...	10 ounces...	.21	.21	.21	.21	.21	.21	.21	.21
Oblong, pickle.....	6 ounces...	8 ounces...	.20	.20	.20	.20	.20	.20	.20	.20
Flat, pickle.....	6 ounces...	7 $\frac{1}{2}$ ounces...	.20	.20	.20	.20	.20	.20	.20	.20
Do.....	8 ounces...	9 ounces...	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21 $\frac{1}{2}$
Oblong, pickle.....	8 ounces...	12 ounces...	.22	.22	.22	.22	.22	.22	.22	.22
Octagon, pickle.....	16 ounces...	15 ounces...	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$	.22 $\frac{1}{2}$
Square, pickle.....	8 ounces...	12 $\frac{1}{2}$ ounces...	.23	.23	.23	.23	.23	.23	.23	.23
Hexagon, pickle.....	8 ounces...	12 ounces...	.24	.24	.24	.24	.24	.24	.24	.24
Oblong, pickle.....	16 ounces...	16 ounces...	.28	.28	.28	.28	.28	.28	.28	.28
Mustards:										
Round pot, mustard.....	4 ounces...	4 $\frac{1}{2}$ ounces...	.15	.15	.15	.15	.15	.15	.15	.15
Do.....	6 ounces...	8 ounces...	.15	.15	.15	.15	.15	.15	.15	.15
Fluted pot, mustard.....	6 ounces...	6 ounces...	.15	.15	.15	.15	.15	.15	.15	.15
Do.....	8 ounces...	9 ounces...	.18	.18	.18	.18	.18	.18	.18	.18
Octagon pot, mustard.....	8 ounces...	9 ounces...	.18	.18	.18	.18	.18	.18	.18	.18

APPENDIX B.—UNION WAGE SCALES AND RETAIL PRICES OF FOOD IN SIX CITIES.

In preceding pages union wage scales are shown for the years 1915 and 1916, by trades and by cities. Like figures for earlier years are presented in preceding bulletins. Detailed and summary tables showing the changes in retail prices of food appear in other bulletins of the bureau. On pages 23 to 25 of this bulletin index numbers (percentages) are given indicating the extent of change from 1907 to 1916, in wages, with all trades taken collectively, and in retail prices of food as a group.

In this appendix to the report figures are given for certain selected trades and for the most important articles of food, in six cities, each year from 1907 to 1916. From these figures the union bricklayer in Chicago, for example, can follow the change in his wage scale, year by year, as compared with the change in the retail price of round steak, flour, or potatoes, or of all articles of food combined.

The information is presented in three tables—two relating to wage scales and the third to retail prices of food. The six cities covered in each table are Boston, Chicago, Denver, New York, Pittsburgh, and San Francisco. In the wage tables from 18 to 22 trades in the several cities are included. Sufficient time has not been available to prepare like tables for all cities or all trades. Retail prices for these cities, however, are given for all of the articles of food entering into the bureau's retail price index numbers.

The rates and hours in the wage tables are drawn from this and preceding bulletins, supplemented in a few instances by figures taken from unpublished material. Table 1 (p. 264) shows by index numbers the extent of change each year, as compared with 1907, in rates of wages per hour and per week, and in hours of labor per week, for the trades listed in the second table taken collectively. For each year, 1907 to 1916, inclusive, Table 2 (pp. 265 to 285) shows the wage rate per hour and per full week, and the hours of labor per week on full time for the trades presented in the six cities. Paralleling such figures are relative numbers showing the relative change in each successive year, as compared with 1907, the actual rates and hours for 1907 being taken as the base, or 100 per cent. In the table the six cities are given in alphabetical order, and under each city the trades covered are likewise presented in alphabetical order.

The retail price table (Table 3, pp. 286 to 291) is divided into three sections under each city. In the first section is given the average money

price for each year for each article. The second section shows the quantity purchasable for one dollar each year, and the third section presents relative numbers (in other words, percentages) showing the extent of change in each year as compared with 1907. These relative prices are computed from the actual money prices shown in the first section of the table.

In addition to the relative prices for each article of food, index numbers for all articles combined are given in the column at the right side of the table. It will be observed that all articles are not reported for all cities. For some articles retail prices are available only for later years. With no price quotation available for 1907 for comparison a relative price based on 1907 of course can not be computed.

TABLE 1.—INDEX NUMBERS OF UNION SCALES OF WAGES PER HOUR AND PER WEEK AND HOURS OF LABOR PER WEEK, 1907 TO 1916, FOR ALL TRADES LISTED IN TABLE 2 TAKEN COLLECTIVELY.

Year.	Boston.			Chicago.			Denver.		
	Rates of wages—		Hours of labor per week, full time.	Rates of wages—		Hours of labor per week, full time.	Rates of wages—		Hours of labor per week, full time.
	Per hour.	Per week, full time.		Per hour.	Per week, full time.		Per hour.	Per week, full time.	
1907.....	100	100	100	100	100	100	100	100	100
1908.....	101	100	99	100	100	100	104	104	100
1909.....	105	104	99	104	104	100	108	107	100
1910.....	111	107	96	109	108	99	108	107	100
1911.....	112	107	96	110	109	99	110	109	99
1912.....	114	109	96	115	113	99	110	110	99
1913.....	116	111	96	119	118	99	111	110	99
1914.....	121	116	96	121	120	99	111	110	99
1915.....	121	116	96	121	120	99	111	110	99
1916.....	126	118	94	125	124	99	114	114	99
	New York.			Pittsburgh.			San Francisco.		
1907.....	100	100	100	100	100	100	100	100	100
1908.....	100	100	100	107	107	118	101	100	100
1909.....	100	100	100	108	108	100	101	100	99
1910.....	101	101	100	110	110	100	104	101	96
1911.....	102	102	100	112	108	96	104	101	95
1912.....	102	102	100	115	110	96	105	101	95
1913.....	103	103	100	122	115	95	105	101	95
1914.....	104	104	100	124	118	95	106	102	95
1915.....	104	104	100	131	124	95	106	102	95
1916.....	111	111	100	132	125	95	109	104	95

From the figures in the table above and the table showing relative prices of food, pages 286 to 291, the comparative increase in rates of wages and in retail prices of food between 1907 and 1916 may be stated in percentage form, thus:

Boston.....	Weekly rates of wages increased 18 per cent.
	Retail prices of food increased 31 per cent.
Chicago.....	Weekly rates of wages increased 24 per cent.
	Retail prices of food increased 38 per cent.
Denver.....	Weekly rates of wages increased 14 per cent.
	Retail prices of food increased 28 per cent.

New York.....	Weekly rates of wages increased 11 per cent. Retail prices of food increased 33 per cent.
Pittsburgh.....	Weekly rates of wages increased 25 per cent. Retail prices of food increased 35 per cent.
San Francisco.....	Weekly rates of wages increased 4 per cent. Retail prices of food increased 17 per cent.

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916.

[The figures for compositors and linotype operators apply only to those working on English text.]

BOSTON, MASS.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Bricklayers.....	1907	60.0	\$26.40	44	100	100	100
	1908	60.0	26.40	44	100	100	100
	1909	60.0	26.40	44	100	100	100
	1910	60.0	26.40	44	100	100	100
	1911	60.0	26.40	44	100	100	100
	1912	60.0	26.40	44	100	100	100
	1913	65.0	28.60	44	108	108	100
	1914	65.0	28.60	44	108	108	100
	1915	65.0	28.60	44	108	108	100
	1916	65.0	28.60	44	108	108	100
Carpenters.....	1907	43.8	21.00	48	100	100	100
	1908	43.8	21.00	48	100	100	100
	1909	47.8	22.92	48	109	109	100
	1910	50.0	22.00	44	114	105	92
	1911	50.0	22.00	44	114	105	92
	1912	50.0	22.00	44	114	105	92
	1913	50.0	22.00	44	114	105	92
	1914	55.0	24.20	44	126	115	92
	1915	55.0	24.20	44	126	115	92
	1916	57.0	25.08	44	130	119	92
Cement workers: Finishers.....	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	50.0	24.00	48	100	100	100
	1911	60.0	28.80	48	120	120	100
	1912	60.0	28.80	48	120	120	100
	1913	62.5	30.00	48	125	125	100
	1914	62.5	27.50	44	125	115	92
	1915	62.5	27.50	44	125	115	92
	1916	62.5	27.50	44	125	115	92
Compositors, book and job.....	1907	37.5	18.00	48	100	100	100
	1908	37.5	18.00	48	100	100	100
	1909	37.5	18.00	48	100	100	100
	1910	39.6	19.00	48	106	106	100
	1911	41.7	20.00	48	111	111	100
	1912	41.7	20.00	48	111	111	100
	1913	41.7	20.00	48	111	111	100
	1914	43.8	21.00	48	117	117	100
	1915	43.8	21.00	48	117	117	100
	1916	43.8	21.00	48	117	117	100
Compositors, daywork, newspaper..	1907	61.0	25.62	42	100	100	100
	1908	61.0	25.62	42	100	100	100
	1909	61.0	25.62	42	100	100	100
	1910	61.0	25.62	42	100	100	100
	1911	61.0	25.62	42	100	100	100
	1912	63.0	26.46	42	103	103	100
	1913	63.0	26.46	42	103	103	100
	1914	63.0	26.46	42	103	103	100
	1915	63.0	26.46	42	103	103	100
	1916	63.0	26.46	42	103	103	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

BOSTON, MASS.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Electrotypers: Finishers.....	1907	41.7	\$22.50	54	100	100	100
	1908	41.7	22.50	54	100	100	100
	1909	41.7	22.50	54	100	100	100
	1910	46.9	22.50	48	112	100	89
	1911	46.9	22.50	48	112	100	89
	1912	50.0	24.00	48	120	107	89
	1913	50.0	24.00	48	120	107	89
	1914	50.0	24.00	48	120	107	89
	1915	50.0	24.00	48	120	107	89
	1916	50.0	24.00	48	120	107	89
Electrotypers: Molders.....	1907	44.4	24.00	54	100	100	100
	1908	44.4	24.00	54	100	100	100
	1909	44.4	24.00	54	100	100	100
	1910	50.0	24.00	48	113	100	89
	1911	50.0	24.00	48	113	100	89
	1912	50.0	24.00	48	113	100	89
	1913	50.0	24.00	48	113	100	89
	1914	50.0	24.00	48	113	100	89
	1915	50.0	24.00	48	113	100	89
	1916	50.0	24.00	48	113	100	89
Gas fitters.....	1907	37.5	18.00	48	100	100	100
	1908	45.0	21.60	48	120	120	100
	1909	45.0	21.60	48	120	120	100
	1910	45.0	21.60	48	120	120	100
	1911	45.0	21.60	48	120	120	100
	1912	50.0	22.00	44	133	122	92
	1913	50.0	22.00	44	133	122	92
	1914	55.0	24.20	44	147	134	92
	1915	55.0	24.20	44	147	134	92
	1916	60.0	26.40	44	160	147	92
Hod carriers.....	1907	30.0	13.20	44	100	100	100
	1908	30.0	13.20	44	100	100	100
	1909	30.0	13.20	44	100	100	100
	1910	35.0	15.40	44	117	117	100
	1911	35.0	15.40	44	117	117	100
	1912	35.0	15.40	44	117	117	100
	1913	35.0	15.40	44	117	117	100
	1914	35.0	15.40	44	117	117	100
	1915	35.0	15.40	44	117	117	100
	1916	35.0	15.40	44	117	117	100
Linotype operators, daywork, newspaper.	1907	61.0	25.62	42	100	100	100
	1908	61.0	25.62	42	100	100	100
	1909	61.0	25.62	42	100	100	100
	1910	61.0	25.62	42	100	100	100
	1911	61.0	25.62	42	100	100	100
	1912	63.0	26.46	42	103	103	100
	1913	63.0	26.46	42	103	103	100
	1914	63.0	26.46	42	103	103	100
	1915	63.0	26.46	42	103	103	100
	1916	63.0	26.46	42	103	103	100
Machinists, manufacturing shops...	1907	30.6	16.50	54	100	100	100
	1908	30.6	16.50	54	100	100	100
	1909	33.3	18.00	54	109	109	100
	1910	38.9	21.00	54	127	127	100
	1911	38.9	21.00	54	127	127	100
	1912	38.9	21.00	54	127	127	100
		42.0	21.00	50	137	127	93
	1913	38.9	21.00	54	127	127	100
		42.0	21.00	50	137	127	93
	1914	38.9	21.00	54	127	127	100
		42.0	21.00	50	137	127	93
	1915	38.9	21.00	54	127	127	100
		42.0	21.00	50	137	127	93
1916	38.9	21.00	54	127	127	100	
	42.0	21.00	50	137	127	93	

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1916. 267

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

BOSTON, MASS.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Molders, iron.....	1907	33.3	\$18.00	54	100	100	100
	1908	33.3	18.00	54	100	100	100
	1909	33.3	18.00	54	100	100	100
	1910	36.1	19.50	54	108	108	100
	1911	36.1	19.50	54	108	108	109
	1912	36.1	19.50	54	108	108	100
	1913	38.9	21.00	54	117	117	100
	1914	38.9	21.00	54	117	117	100
	1915	38.9	21.00	54	117	117	100
	1916	44.4	24.00	54	133	133	100
Painters.....	1907	39.5	18.96	48	100	100	100
	1908	41.0	18.04	44	104	95	92
	1909	41.0	18.04	44	104	95	92
	1910	45.5	20.00	44	115	105	92
	1911	45.5	20.00	44	115	105	92
	1912	50.0	22.00	44	127	116	92
	1913	50.0	22.00	44	127	116	92
	1914	55.0	24.20	44	139	128	92
	1915	55.0	24.20	44	139	128	92
	1916	60.5	24.20	40	153	128	83
Plasterers.....	1907	60.0	26.40	44	100	100	100
	1908	60.0	26.40	44	100	100	100
	1909	65.0	28.60	44	108	108	100
	1910	65.0	28.60	44	108	108	100
	1911	65.0	28.60	44	108	108	100
	1912	65.0	28.60	44	108	108	100
	1913	65.0	28.60	44	108	108	100
	1914	65.0	28.60	44	108	108	100
	1915	65.0	28.60	44	108	108	100
	1916	70.0	28.00	40	117	106	91
Plasterers' laborers.....	1907	34.0	14.96	44	100	100	100
	1908	38.0	16.72	44	112	112	100
	1909	38.0	16.72	44	112	112	100
	1910	40.0	17.60	44	118	118	100
	1911	40.0	17.60	44	118	118	100
	1912	40.0	17.60	44	118	118	100
	1913	41.5	18.26	44	122	122	100
	1914	41.5	18.26	44	122	122	100
	1915	41.5	18.26	44	122	122	100
	1916	45.0	18.00	40	132	120	91
Plumbers.....	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	55.0	26.40	48	110	110	100
	1910	55.0	26.40	48	110	110	100
	1911	55.0	24.20	44	110	101	92
	1912	60.0	26.40	44	120	110	92
	1913	60.0	26.40	44	120	110	92
	1914	65.0	28.60	44	130	119	92
	1915	65.0	28.60	44	130	119	92
	1916	65.0	28.60	44	130	119	92
Stereotypers, daywork, newspaper ..	1907	57.1	24.00	42	100	100	100
	1908	57.1	24.00	42	100	100	100
	1909	57.1	24.00	42	100	100	100
	1910	57.1	24.00	42	100	100	100
	1911	57.1	24.00	42	100	100	100
	1912	57.1	24.00	42	100	100	100
	1913	59.5	25.00	42	104	104	100
	1914	59.5	25.00	42	104	104	100
	1915	59.5	25.00	42	104	104	100
	1916	59.5	25.00	42	104	104	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

BOSTON, MASS.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Stonecutters, inside.....	1907	<i>Cents.</i> 50.0	\$24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	50.0	24.00	48	100	100	100
	1911	50.0	24.00	48	100	100	100
	1912	50.0	22.00	44	100	92	92
	1913	56.3	24.75	44	113	103	92
	1914	56.3	24.75	44	113	103	92
	1915	56.3	24.75	44	113	103	92
	1916	56.3	24.75	44	113	103	92
Structural-iron workers.....	1907	45.0	21.60	48	100	100	100
	1908	45.0	21.60	48	100	100	100
	1909	50.0	24.00	48	111	111	100
	1910	50.0	22.00	44	111	102	92
	1911	56.3	24.75	44	125	115	92
	1912	56.3	24.75	44	125	115	92
	1913	62.5	27.50	44	139	127	92
	1914	62.5	27.50	44	139	127	92
	1915	62.5	27.50	44	139	127	92
	1916	62.5	27.50	44	139	127	92

CHICAGO, ILL.

Blacksmiths, manufacturing shops..	1907	37.5	18.56	49½	100	100	100
	1908	37.5	18.56	49½	100	100	100
	1909	37.5	18.56	49½	100	100	100
	1910	40.0	19.80	49½	107	107	100
	1911	40.0	19.80	49½	107	107	100
	1912	40.0	19.80	49½	107	107	100
	1913	43.2	21.38	49½	115	115	100
	1914	43.2	21.38	49½	115	115	100
	1915	43.2	21.38	49½	115	115	100
	1916	46.2	22.87	49½	123	123	100
Boiler makers.....	1907	37.5	18.56	49½	100	100	100
	1908	37.5	18.56	49½	100	100	100
	1909	37.5	18.56	49½	100	100	100
	1910	40.0	19.80	49½	107	107	100
	1911	40.0	19.80	49½	107	107	100
	1912	40.0	19.80	49½	107	107	100
	1913	40.0	21.60	54	107	116	109
	1914	40.0	21.60	54	107	116	109
	1915	40.0	21.60	54	107	116	109
	1916	40.0	21.60	54	107	116	109
Bricklayers.....	1907	62.5	30.00	48	100	100	100
	1908	62.5	30.00	48	100	100	100
	1909	67.5	32.40	48	108	108	100
	1910	67.5	29.70	44	108	99	92
	1911	67.5	29.70	44	108	99	92
	1912	72.5	31.90	44	116	106	92
	1913	75.0	33.00	44	120	110	92
	1914	75.0	33.00	44	120	110	92
	1915	75.0	33.00	44	120	110	92
	1916	75.0	33.00	44	120	110	92
Carpenters.....	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	60.0	26.40	44	107	107	100
	1911	60.0	26.40	44	107	107	100
	1912	65.0	28.60	44	116	116	100
	1913	65.0	28.60	44	116	116	100
	1914	65.0	28.60	44	116	116	100
	1915	65.0	28.60	44	116	116	100
	1916	70.0	30.80	44	124	124	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

CHICAGO, ILL.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Cement workers: Finishers.....	1907	56.3	\$24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	57.5	25.30	44	102	102	100
	1910	57.5	25.30	44	102	102	100
	1911	62.5	27.50	44	111	111	100
	1912	62.5	27.50	44	111	111	100
	1913	65.0	28.60	44	116	116	100
	1914	65.0	28.60	44	116	116	100
	1915	65.0	28.60	44	116	116	100
	1916	65.0	28.60	44	116	116	100
Compositors, book and job.....	1907	40.6	19.50	48	100	100	100
	1908	40.6	19.50	48	100	100	100
	1909	40.6	19.50	48	100	100	100
	1910	43.8	21.00	48	108	108	100
	1911	46.9	22.50	48	115	115	100
	1912	46.9	22.50	48	115	115	100
	1913	46.9	22.50	48	115	115	100
	1914	50.0	24.00	48	123	123	100
	1915	50.0	24.00	48	123	123	100
	1916	50.0	24.00	48	123	123	100
Compositors, daywork, newspaper..	1907	55.0	24.75	45	100	100	100
	1908	55.0	24.75	45	100	100	100
	1909	55.0	24.75	45	100	100	100
	1910	55.0	24.75	45	100	100	100
	1911	62.0	27.90	45	113	113	100
	1912	62.0	27.90	45	113	113	100
	1913	62.0	27.90	45	113	113	100
	1914	62.0	27.90	45	113	113	100
	1915	62.0	27.90	45	113	113	100
	1916	62.0	27.90	45	113	113	100
Electrotypers: Finishers.....	1907	45.8	22.00	48	100	100	100
	1908	45.8	22.00	48	100	100	100
	1909	45.8	22.00	48	100	100	100
	1910	45.8	22.00	48	100	100	100
	1911	45.8	22.00	48	100	100	100
	1912	45.8	22.00	48	100	100	100
	1913	49.0	23.50	48	107	107	100
	1914	52.1	25.00	48	114	114	100
	1915	52.1	25.00	48	114	114	100
	1916	52.1	25.00	48	114	114	100
Electrotypers: Molders.....	1907	52.1	25.00	48	100	100	100
	1908	52.1	25.00	48	100	100	100
	1909	52.1	25.00	48	100	100	100
	1910	52.1	25.00	48	100	100	100
	1911	52.1	25.00	48	100	100	100
	1912	52.1	25.00	48	100	100	100
	1913	54.2	26.00	48	104	104	100
	1914	56.3	27.00	48	108	108	100
	1915	56.3	27.00	48	108	108	100
	1916	56.3	27.00	48	108	108	100
Granite cutters, inside.....	1907	37.5	18.00	48	100	100	100
	1908	40.6	19.50	48	108	108	100
	1909	40.6	19.50	48	108	108	100
	1910	40.6	19.50	48	108	108	100
	1911	40.6	19.50	48	108	108	100
	1912	40.6	19.50	48	108	108	100
	1913	50.0	22.00	44	133	122	92
	1914	50.0	22.00	44	133	122	92
	1915	50.0	22.00	44	133	122	92
	1916	53.1	23.38	44	142	130	92

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

CHICAGO, ILL.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Granite cutters, outside.....	1907	56.3	\$24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	56.3	24.75	44	100	100	100
	1912	56.3	24.75	44	100	100	100
	1913	62.5	27.50	44	111	111	100
	1914	62.5	27.50	44	111	111	100
	1915	62.5	27.50	44	111	111	100
	1916	62.5	27.50	44	111	111	100
Linotype operators, book and job..	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	50.0	24.00	48	100	100	100
	1911	50.0	24.00	48	100	100	100
	1912	50.0	24.00	48	100	100	100
	1913	50.0	24.00	48	100	100	100
	1914	50.0	24.00	48	100	100	100
	1915	50.0	24.00	48	100	100	100
	1916	50.0	24.00	48	100	100	100
Machinists, manufacturing and jobbing shops.	1907	36.1	17.88	49½	100	100	100
	1908	36.1	17.88	49½	100	100	100
	1909	39.0	19.31	49½	108	108	100
	1910	39.0	19.31	49½	108	108	100
	1911	39.0	19.31	49½	108	108	100
	1912	39.0	19.31	49½	108	108	100
	1913	39.0	21.06	54	108	118	109
	1914	41.7	22.50	54	115	126	109
	1915	43.5	20.88	48	120	117	97
	1916	41.7	22.50	54	115	126	109
		43.5	20.88	48	120	117	97
		45.0	24.30	54	125	136	109
		47.0	22.56	48	130	126	97
Molders, iron.....	1907	36.1	19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	38.9	21.00	54	108	108	100
	1911	38.9	21.00	54	108	108	100
	1912	38.9	21.00	54	108	108	100
	1913	44.4	24.00	54	123	123	100
	1914	44.4	24.00	54	123	123	100
	1915	44.4	24.00	54	123	123	100
	1916	50.0	24.00	48	139	123	89
Painters.....	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	55.0	24.20	44	110	110	100
	1910	60.0	26.40	44	120	120	100
	1911	60.0	26.40	44	120	120	100
	1912	60.0	26.40	44	120	120	100
	1913	65.0	28.60	44	130	130	100
	1914	70.0	30.80	44	140	140	100
	1915	70.0	30.80	44	140	140	100
	1916	70.0	30.80	44	140	140	100
Plasterers.....	1907	68.8	30.25	44	100	100	100
	1908	68.8	30.25	44	100	100	100
	1909	68.8	30.25	44	100	100	100
	1910	68.8	30.25	44	100	100	100
	1911	68.8	30.25	44	100	100	100
	1912	75.0	33.00	44	109	109	100
	1913	75.0	33.00	44	109	109	100
	1914	75.0	33.00	44	109	109	100
	1915	75.0	33.00	44	109	109	100
	1916	75.0	33.00	44	109	109	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

CHICAGO, ILL.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Plasterers' laborers.....	1907	40.0	\$17.60	44	100	100	100
	1908	40.0	17.60	44	100	100	100
	1909	45.0	19.80	44	113	113	100
	1910	45.0	19.80	44	113	113	100
	1911	45.0	19.80	44	113	113	100
	1912	45.0	19.80	44	113	113	100
	1913	48.0	21.12	44	120	120	100
	1914	50.0	22.00	44	125	125	100
	1915	50.0	22.00	44	125	125	100
	1916	50.0	22.00	44	125	125	100
Plumbers and gas fitters.....	1907	62.5	27.50	44	100	100	100
	1908	65.0	28.60	44	104	104	100
	1909	65.0	28.60	44	104	104	100
	1910	68.8	30.25	44	110	110	100
	1911	68.8	30.25	44	110	110	100
	1912	68.8	30.25	44	110	110	100
	1913	75.0	33.00	44	120	120	100
	1914	75.0	33.00	44	120	120	100
	1915	75.0	33.00	44	120	120	100
	1916	75.0	33.00	44	120	120	100
Stereotypers, daywork, newspaper..	1907	48.4	22.50	46½	100	100	100
	1908	54.9	25.50	46½	113	113	100
	1909	54.9	25.50	46½	113	113	100
	1910	54.9	25.50	46½	113	113	100
	1911	59.1	27.00	46½	120	120	100
	1912	58.1	27.00	46½	120	120	100
	1913	56.3	27.00	48	116	120	103
	1914	56.3	27.00	48	116	120	103
	1915	56.3	27.00	48	116	120	103
	1916	56.3	27.00	48	116	120	103
Stonecutters.....	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	62.5	27.50	44	111	111	100
	1912	62.5	27.50	44	111	111	100
	1913	62.5	27.50	44	111	111	100
	1914	62.5	27.50	44	111	111	100
	1915	62.5	27.50	44	111	111	100
	1916	62.5	27.50	44	111	111	100
Structural-iron workers.....	1907	60.0	26.40	44	100	100	100
	1908	60.0	26.40	44	100	100	100
	1909	62.5	27.50	44	104	104	100
	1910	65.0	28.60	44	108	108	100
	1911	66.0	29.04	44	110	110	100
	1912	68.0	29.92	44	113	113	100
	1913	68.0	29.92	44	113	113	100
	1914	68.0	29.92	44	113	113	100
	1915	68.0	29.92	44	113	113	100
	1916	68.0	29.92	44	113	113	100

DENVER, COLO.

Blacksmiths, manufacturing and jobbing shops.	1907	36.0	\$19.44	54	100	100	100
	1908	36.0	19.44	54	100	100	100
	1909	36.0	19.44	54	100	100	100
	1910	40.0	21.60	54	111	111	100
	1911	40.0	21.60	54	111	111	100
	1912	40.0	21.60	54	111	111	100
	1913	40.0	21.60	54	111	111	100
	1914	40.0	21.60	54	111	111	100
	1915	40.0	21.60	54	111	111	100
	1916	41.0	22.14	54	114	114	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

DENVER, COLO.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Boiler makers, manufacturing and jobbing shops.	1907	37.0	\$19.98	54	100	100	100
	1908	37.0	19.98	54	100	100	100
	1909	37.0	19.98	54	100	100	100
	1910	37.0	19.98	54	100	100	100
	1911	37.0	19.98	54	100	100	100
	1912	41.0	22.14	54	111	111	100
	1913	41.0	22.14	54	111	111	100
	1914	41.0	22.14	54	111	111	100
	1915	41.0	22.14	54	111	111	100
	1916	41.0	22.14	54	111	111	100
Bricklayers.....	1907	75.0	33.00	44	100	100	100
	1908	75.0	33.00	44	100	100	100
	1909	75.0	33.00	44	100	100	100
	1910	75.0	33.00	44	100	100	100
	1911	75.0	33.00	44	100	100	100
	1912	75.0	33.00	44	100	100	100
	1913	75.0	33.00	44	100	100	100
	1914	75.0	33.00	44	100	100	100
	1915	75.0	33.00	44	100	100	100
	1916	87.5	38.50	44	117	117	100
Carpenters.....	1907	50.0	22.00	44	100	100	100
	1908	55.0	24.20	44	110	110	100
	1909	60.0	26.40	44	120	120	100
	1910	60.0	26.40	44	120	120	100
	1911	60.0	26.40	44	120	120	100
	1912	60.0	26.40	44	120	120	100
	1913	60.0	26.40	44	120	120	100
	1914	60.0	26.40	44	120	120	100
	1915	60.0	26.40	44	120	120	100
	1916	60.0	26.40	44	120	120	100
Compositors, book and job.....	1907	45.8	22.00	48	100	100	100
	1908	45.8	22.00	48	100	100	100
	1909	45.8	22.00	48	100	100	100
	1910	45.8	22.00	48	100	100	100
	1911	52.1	25.00	48	114	114	100
	1912	53.1	25.50	48	116	116	100
	1913	54.2	26.00	48	118	118	100
	1914	54.2	26.00	48	118	118	100
	1915	54.2	26.00	48	118	118	100
	1916	54.2	26.00	48	118	118	100
Compositors, daywork, newspaper..	1907	50.0	23.00	46	100	100	100
	1908	50.0	23.00	46	100	100	100
	1909	55.0	25.30	46	110	110	100
	1910	55.0	25.30	46	110	110	100
	1911	63.3	28.50	45	127	124	98
	1912	63.3	28.50	45	127	124	98
	1913	63.3	28.50	45	127	124	98
	1914	63.3	28.50	45	127	124	98
	1915	63.3	28.50	45	127	124	98
	1916	63.3	28.50	45	127	124	98
Electrotypers: Finishers.....	1907	43.8	21.00	48	100	100	100
	1908	43.8	21.00	48	100	100	100
	1909	43.8	21.00	48	100	100	100
	1910	43.8	21.00	48	100	100	100
	1911	43.8	21.00	48	100	100	100
	1912	43.8	21.00	48	100	100	100
	1913	43.8	21.00	48	100	100	100
	1914	43.8	21.00	48	100	100	100
	1915	43.8	21.00	48	100	100	100
	1916	43.8	21.00	48	100	100	100

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1916. 273

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

DENVER, COLO.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Electrotypers: Molders.....		<i>Cents.</i>					
	1907	52.1	\$25.00	48	100	100	100
	1908	52.1	25.00	48	100	100	100
	1909	52.1	25.00	48	100	100	100
	1910	52.1	25.00	48	100	100	100
	1911	52.1	25.00	48	100	100	100
	1912	52.1	25.00	48	100	100	100
	1913	52.1	25.00	48	100	100	100
	1914	52.1	25.00	48	100	100	100
	1915	52.1	25.00	48	100	100	100
1916	52.1	25.00	48	100	100	100	
Hod carriers: Brick men.....	1907	34.4	15.13	44	100	100	100
	1908	37.5	16.50	44	109	109	100
	1909	37.5	16.50	44	109	109	100
	1910	37.5	16.50	44	109	109	100
	1911	37.5	16.50	44	109	109	100
	1912	37.5	16.50	44	109	109	100
	1913	37.5	16.50	44	109	109	100
	1914	37.5	16.50	44	109	109	100
	1915	37.5	16.50	44	109	109	100
	1916	37.5	16.50	44	109	109	100
Hod carriers: Mortar men.....	1907	37.5	16.50	44	100	100	100
	1908	40.6	17.88	44	108	108	100
	1909	40.6	17.88	44	108	108	100
	1910	40.6	17.88	44	108	108	100
	1911	40.6	17.88	44	108	108	100
	1912	40.6	17.88	44	108	108	100
	1913	40.6	17.88	44	108	108	100
	1914	40.6	17.88	44	108	108	100
	1915	40.6	17.88	44	108	108	100
	1916	40.6	17.88	44	108	108	100
Linotype operators, day work, newspaper.	1907	50.0	23.00	46	100	100	100
	1908	50.0	23.00	46	100	100	100
	1909	55.0	25.30	46	110	110	100
	1910	55.0	25.30	46	110	110	100
	1911	63.3	28.50	45	127	124	98
	1912	63.3	28.50	45	127	124	98
	1913	63.3	28.50	45	127	124	98
	1914	63.3	28.50	45	127	124	98
	1915	63.3	28.50	45	127	124	98
	1916	63.3	28.50	45	127	124	98
Machinists, manufacturing and jobbing shops.	1907	37.5	20.25	54	100	100	100
	1908	37.5	20.25	54	100	100	100
	1909	37.5	20.25	54	100	100	100
	1910	37.5	20.25	54	100	100	100
	1911	37.5	20.25	54	100	100	100
	1912	40.0	21.60	54	107	107	100
	1913	40.0	21.60	54	107	107	100
	1914	40.0	21.60	54	107	107	100
	1915	40.0	21.60	54	107	107	100
	1916	40.0	21.60	54	107	107	100
Molders, iron.....	1907	44.4	24.00	54	100	100	100
	1908	41.7	22.50	54	94	94	100
	1909	41.7	22.50	54	94	94	100
	1910	41.7	22.50	54	94	94	100
	1911	44.4	24.00	54	100	100	100
	1912	44.4	24.00	54	100	100	100
	1913	44.4	24.00	54	100	100	110
	1914	44.4	24.00	54	100	100	100
	1915	44.4	24.00	54	100	100	100
	1916	44.4	24.00	54	100	100	100

¹ And a bonus in addition.

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

DENVER, COLO.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Painters.....	1907	50.0	\$22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	50.0	22.00	44	100	100	100
	1915	50.0	22.00	44	100	100	100
	1916	55.0	24.20	44	110	110	100
	Plasterers.....	1907	68.8	30.25	44	100	100	100
1908		68.8	30.25	44	100	100	100
1909		68.8	30.25	44	100	100	100
1910		68.8	30.25	44	100	100	100
1911		68.8	30.25	44	100	100	100
1912		68.8	30.25	44	100	100	100
1913		75.0	33.00	44	109	109	100
1914		75.0	33.00	44	109	109	100
1915		75.0	33.00	44	109	109	100
1916		75.0	33.00	44	109	109	100
Plasterers' laborers.....		1907	40.6	17.88	44	100	100	100
	1908	43.8	19.25	44	108	108	100
	1909	43.8	19.25	44	108	108	100
	1910	43.8	19.25	44	108	108	100
	1911	43.8	19.25	44	108	108	100
	1912	43.8	19.25	44	108	108	100
	1913	43.8	19.25	44	108	108	100
	1914	43.8	19.25	44	108	108	100
	1915	43.8	19.25	44	108	108	100
	1916	43.8	19.25	44	108	108	100
	Plumbers and gas fitters.....	1907	56.3	27.00	48	100	100
1908		62.5	27.50	44	111	102	92
1909		62.5	27.50	44	111	102	92
1910		62.5	27.50	44	111	102	92
1911		62.5	27.50	44	111	102	92
1912		62.5	27.50	44	111	102	92
1913		62.5	27.50	44	111	102	92
1914		62.5	27.50	44	111	102	92
1915		62.5	27.50	44	111	102	92
1916		62.5	27.50	44	111	102	92
Stereotypers, daywork, newspaper..		1907	46.9	22.50	48	100	100	100
	1908	46.9	22.50	48	100	100	100
	1909	46.9	22.50	48	100	100	100
	1910	50.0	24.00	48	107	107	100
	1911	53.1	25.50	48	113	113	100
	1912	53.1	25.50	48	113	113	100
	1913	53.1	25.50	48	113	113	100
	1914	56.3	27.00	48	120	120	100
	1915	56.3	27.00	48	120	120	100
	1916	56.3	27.00	48	120	120	100
	Stonecutters.....	1907	62.5	27.50	44	100	100	100
1908		62.5	27.50	44	100	100	100
1909		62.5	27.50	44	100	100	100
1910		62.5	27.50	44	100	100	100
1911		62.5	27.50	44	100	100	100
1912		62.5	27.50	44	100	100	100
1913		62.5	27.50	44	100	100	100
1914		62.5	27.50	44	100	100	100
1915		62.5	27.50	44	100	100	100
1916		62.5	27.50	44	100	100	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

DENVER, COLO.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Structural-iron workers.....	1907	<i>Cents.</i> 50.0	\$22.00	44	100	100	100
	1908	56.3	24.75	44	113	113	100
	1909	56.3	24.75	44	113	113	100
	1910	56.3	24.75	44	113	113	100
	1911	56.3	24.75	44	113	113	100
	1912	56.3	24.75	44	113	113	100
	1913	56.3	24.75	44	113	113	100
	1914	56.3	24.75	44	113	113	100
	1915	62.5	27.50	44	125	125	100
	1916	62.5	27.50	44	125	125	100

NEW YORK, N. Y.

Blacksmiths, manufacturing and jobbing shops.	1907	40.9	22.08	¹ 53	100	100	100
	1908	40.9	22.08	¹ 53	100	100	100
	1909	40.9	22.08	¹ 53	100	100	100
	1910	44.4	24.00	¹ 53	109	109	100
	1911	44.4	24.00	¹ 53	109	109	100
	1912	44.4	24.00	¹ 53	109	109	100
	1913	44.4	24.00	¹ 53	109	109	100
	1914	44.4	24.00	¹ 53	109	109	100
	1915	44.4	24.00	¹ 53	109	109	100
	1916	53.1	25.50	48	130	115	91
Boiler makers, shopmen.....	1907	36.1	19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	36.1	19.50	54	100	100	100
	1911	41.7	22.50	54	115	115	100
	1912	41.7	22.50	54	115	115	100
	1913	41.7	22.50	54	115	115	100
	1914	41.7	22.50	54	115	115	100
	1915	41.7	22.50	54	115	115	100
	1916	46.9	22.50	48	130	115	89
Bricklayers.....	1907	70.0	30.80	44	100	100	100
	1908	70.0	30.80	44	100	100	100
	1909	70.0	30.80	44	100	100	100
	1910	70.0	30.80	44	100	100	100
	1911	70.0	30.80	44	100	100	100
	1912	70.0	30.80	44	100	100	100
	1913	70.0	30.80	44	100	100	100
	1914	75.0	33.00	44	107	107	100
	1915	75.0	33.00	44	107	107	100
	1916	75.0	33.00	44	107	107	100
Carpenters, The Bronx and Brooklyn.	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	56.3	24.75	44	100	100	100
	1912	56.3	24.75	44	100	100	100
	1913	56.3	24.75	44	100	100	100
	1914	56.3	24.75	44	100	100	100
	1915	56.3	24.75	44	100	100	100
	1916	56.3	24.75	44	100	100	100
Carpenters, Manhattan.....	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	62.5	27.50	44	100	100	100
	1914	62.5	27.50	44	100	100	100
	1915	62.5	27.50	44	100	100	100
	1916	62.5	27.50	44	100	100	100

¹ Worked 53 hours, paid for 54.

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

NEW YORK, N. Y.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Carpenters, Queens.....	1907	50.0	\$22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	56.3	24.75	44	113	113	100
	1911	56.3	24.75	44	113	113	100
	1912	56.3	24.75	44	113	113	100
	1913	56.3	24.75	44	113	113	100
	1914	56.3	24.75	44	113	113	100
	1915	56.3	24.75	44	113	113	100
	1916	56.3	24.75	44	113	113	100
Carpenters, Richmond.....	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	50.0	22.00	44	100	100	100
	1915	50.0	22.00	44	100	100	100
	1916	50.0	22.00	44	100	100	100
Cement workers: Finishers.....	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	62.5	27.50	44	100	100	100
	1914	62.5	27.50	44	100	100	100
	1915	62.5	27.50	44	100	100	100
	1916	62.5	27.50	44	100	100	100
Compositors, book and job.....	1907	43.8	21.00	48	100	100	100
	1908	43.8	21.00	48	100	100	100
	1909	43.8	21.00	48	100	100	100
	1910	45.9	22.00	48	105	105	100
	1911	45.9	22.00	48	105	105	100
	1912	47.9	23.00	48	110	110	100
	1913	50.0	24.00	48	114	114	100
	1914	50.0	24.00	48	114	114	100
	1915	50.0	24.00	48	114	114	100
	1916	52.1	25.00	48	119	119	100
Compositors, daywork, newspaper..	1907	62.2	28.00	45	100	100	100
	1908	62.2	28.00	45	100	100	100
	1909	62.2	28.00	45	100	100	100
	1910	64.4	29.00	45	104	104	100
	1911	64.4	29.00	45	104	104	100
	1912	64.4	29.00	45	104	104	100
	1913	66.7	30.00	45	107	107	100
	1914	66.7	30.00	45	107	107	100
	1915	66.7	30.00	45	107	107	100
	1916	66.7	30.00	45	107	107	100
Electrotypers: Finishers and molders.	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	62.5	27.50	44	111	111	100
	1912	62.5	27.50	44	111	111	100
	1913	62.5	27.50	44	111	111	100
	1914	62.5	27.50	44	111	111	100
	1915	65.6	28.88	44	117	117	100
	1916	68.8	30.25	44	122	122	100
Granite cutters, inside.....	1907	43.8	\$19.25	44	100	100	100
	1908	43.8	19.25	44	100	100	100
	1909	43.8	19.25	44	100	100	100
	1910	43.8	19.25	44	100	100	100
	1911	43.8	19.25	44	100	100	100
	1912	50.0	22.00	44	114	114	100
	1913	50.0	22.00	44	114	114	100
	1914	50.0	22.00	44	114	114	100
	1915	50.0	22.00	44	114	114	100
	1916	50.0	22.00	44	114	114	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

NEW YORK, N. Y.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Granite cutters, outside.....	1907	56.3	\$24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	56.3	24.75	44	100	100	100
	1912	56.3	24.75	44	100	100	100
	1913	62.5	27.50	44	111	111	100
	1914	62.5	27.50	44	111	111	100
	1915	62.5	27.50	44	111	111	100
	1916	62.5	27.50	44	111	111	100
Hod carriers.....	1907	37.5	16.50	44	100	100	100
	1908	37.5	16.50	44	100	100	100
	1909	37.5	16.50	44	100	100	100
	1910	37.5	16.50	44	100	100	100
	1911	37.5	16.50	44	100	100	100
	1912	37.5	16.50	44	100	100	100
	1913	37.5	16.50	44	100	100	100
	1914	37.5	16.50	44	100	100	100
	1915	37.5	16.50	44	100	100	100
	1916	37.5	16.50	44	100	100	100
Linotype operators, book and job...	1907	47.9	22.98	48	100	100	100
	1908	47.9	22.98	48	100	100	100
	1909	47.9	22.98	48	100	100	100
	1910	50.0	24.00	48	104	104	100
	1911	50.0	24.00	48	104	104	100
	1912	52.1	25.00	48	109	109	100
	1913	54.2	26.00	48	113	113	100
	1914	54.2	26.00	48	113	113	100
	1915	54.2	26.00	48	113	113	100
	1916	54.2	26.00	48	113	113	100
Linotype operators, daywork, newspaper.	1907	62.2	28.00	45	100	100	100
	1908	62.2	28.00	45	100	100	100
	1909	62.2	28.00	45	100	100	100
	1910	64.4	29.00	45	104	104	100
	1911	64.4	29.00	45	104	104	100
	1912	64.4	29.00	45	104	104	100
	1913	66.7	30.00	45	107	107	100
	1914	66.7	30.00	45	107	107	100
	1915	66.7	30.00	45	107	107	100
	1916	66.7	30.00	45	107	107	100
Machinists, manufacturing and jobbing shops: Shops A.	1907	36.1	19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	36.1	19.50	54	100	100	100
	1911	36.1	19.50	54	100	100	100
	1912	40.6	19.50	48	112	100	89
	1913	40.6	19.50	48	112	100	89
	1914	40.6	19.50	48	112	100	89
	1915	40.6	19.50	48	112	100	89
	1916	46.9	22.50	48	130	115	89
Machinists, manufacturing and jobbing shops: Shops B.	1907	36.1	19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	36.1	19.50	54	100	100	100
	1911	36.1	19.50	54	100	100	100
	1912	38.2	19.50	51	106	100	94
	1913	40.0	19.50	49½	111	100	91
	1914	40.0	19.50	49½	111	100	91
	1915	40.0	19.50	49½	111	100	91
	1916	46.9	22.50	48	130	115	89
Machinists, manufacturing and jobbing shops: Shops C.	1907	36.1	19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	36.1	19.50	54	100	100	100
	1911	36.1	19.50	54	100	100	100
	1912	37.1	19.50	52½	103	100	97
	1913	38.2	19.50	51	106	100	94
	1914	38.2	19.50	51	106	100	94
	1915	38.2	19.50	51	106	100	94
	1916	46.9	22.50	48	130	115	89

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

NEW YORK, N. Y.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Molders, iron.....	1907	36.1	\$19.50	54	100	100	100
	1908	36.1	19.50	54	100	100	100
	1909	36.1	19.50	54	100	100	100
	1910	38.9	21.00	54	108	108	100
	1911	38.9	21.00	54	108	108	100
	1912	38.9	21.00	54	108	108	100
	1913	38.9	21.00	54	108	108	100
	1914	41.7	22.50	54	115	115	100
	1915	41.7	22.50	54	115	115	100
	1916	41.7	22.50	54	115	115	100
Painters, Manhattan, The Bronx, Kings, and Richmond.	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	50.0	22.00	44	100	100	100
	1915	50.0	22.00	44	100	100	100
	1916	62.5	27.50	44	125	125	100
Painters, Queens.....	1907	43.8	19.25	44	100	100	100
	1908	43.8	19.25	44	100	100	100
	1909	43.8	19.25	44	100	100	100
	1910	43.8	19.25	44	100	100	100
	1911	43.8	19.25	44	100	100	100
	1912	50.0	22.00	44	114	114	100
	1913	50.0	22.00	44	114	114	100
	1914	50.0	22.00	44	114	114	100
	1915	50.0	22.00	44	114	114	100
	1916	50.0	22.00	44	114	114	100
Plasterers.....	1907	68.8	30.25	44	100	100	100
	1908	68.8	30.25	44	100	100	100
	1909	68.8	30.25	44	100	100	100
	1910	68.8	30.25	44	100	100	100
	1911	68.8	30.25	44	100	100	100
	1912	68.8	30.25	44	100	100	100
	1913	68.8	30.25	44	100	100	100
	1914	68.8	30.25	44	100	100	100
	1915	68.8	30.25	44	100	100	100
	1916	75.0	33.00	44	109	109	100
Plasterers' laborers.....	1907	37.5	16.50	44	100	100	100
	1908	40.6	17.88	44	108	108	100
	1909	40.6	17.88	44	108	108	100
	1910	40.6	17.88	44	108	108	100
	1911	40.6	17.88	44	108	108	100
	1912	40.6	17.88	44	108	108	100
	1913	40.6	17.88	44	108	108	100
	1914	40.6	17.88	44	108	108	100
	1915	40.6	17.88	44	108	108	100
	1916	43.8	19.25	44	117	117	100
Plumbers and gas fitters, Brooklyn.	1907	59.4	26.13	44	100	100	100
	1908	59.4	26.13	44	100	100	100
	1909	62.5	27.50	44	105	105	100
	1910	62.5	27.50	44	105	105	100
	1911	62.5	27.50	44	105	105	100
	1912	68.8	30.25	44	116	116	100
	1913	68.8	30.25	44	116	116	100
	1914	68.8	30.25	44	116	116	100
	1915	68.8	30.25	44	116	116	100
	1916	68.8	30.25	44	116	116	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

NEW YORK, N. Y.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Plumbers and gas fitters, Manhattan and The Bronx.	1907	62.5	\$27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	68.8	30.25	44	110	110	100
	1912	68.8	30.25	44	110	110	100
	1913	68.8	30.25	44	110	110	100
	1914	68.8	30.25	44	110	110	100
	1915	68.8	30.25	44	110	110	100
	1916	68.8	30.25	44	110	110	100
Stereotypers, daywork, newspaper..	1907	56.3	27.00	48	100	100	100
	1908	56.3	27.00	48	100	100	100
	1909	56.3	27.00	48	100	100	100
	1910	56.3	27.00	48	100	100	100
	1911	56.3	27.00	48	100	100	100
	1912	56.3	27.00	48	100	100	100
	1913	62.5	30.00	48	111	111	100
	1914	62.5	30.00	48	111	111	100
	1915	62.5	30.00	48	111	111	100
	1916	62.5	30.00	48	111	111	100
Stonecutters, first class	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	68.4	30.09	44	109	109	100
	1914	68.8	30.25	44	110	110	100
	1915	68.8	30.25	44	110	110	100
	1916	68.8	30.25	44	110	110	100
Stonecutters, second class	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	56.3	24.75	44	100	100	100
	1911	56.3	24.75	44	100	100	100
	1912	56.3	24.75	44	100	100	100
	1913	56.3	24.75	44	100	100	100
	1914	62.5	27.50	44	111	111	100
	1915	62.5	27.50	44	111	111	100
	1916	62.5	27.50	44	111	111	100
Stonecutters, third class	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	56.3	24.75	44	113	113	100
	1915	56.3	24.75	44	113	113	100
	1916	56.3	24.75	44	113	113	100
Structural-iron workers.....	1907	60.0	26.40	44	100	100	100
	1908	60.0	26.40	44	100	100	100
	1909	60.0	26.40	44	100	100	100
	1910	62.5	27.50	44	104	104	100
	1911	62.5	27.50	44	104	104	100
	1912	62.5	27.50	44	104	104	100
	1913	62.5	27.50	44	104	104	100
	1914	62.5	27.50	44	104	104	100
	1915	62.5	27.50	44	104	104	100
	1916	66.3	29.15	44	110	110	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

PITTSBURGH, PA.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Blacksmiths, manufacturing shops..	1907	27.8	\$15.00	54	100	100	100
	1908	30.6	16.50	54	110	110	100
	1909	30.6	16.50	54	110	110	100
	1910	30.6	16.50	54	110	110	100
	1911	30.6	16.50	54	110	110	100
	1912	33.3	18.00	54	120	120	100
	1913	37.5	18.00	48	135	120	89
	1914	37.5	18.00	48	135	120	89
	1915	37.5	18.00	48	135	120	89
	1916	37.5	18.00	48	135	120	89
Boiler makers, manufacturing and jobbing shops.	1907	35.0	18.90	54	100	100	100
	1908	35.0	18.90	54	100	100	100
	1909	35.0	18.90	54	100	100	100
	1910	35.0	18.90	54	100	100	100
	1911	36.7	19.80	54	105	105	100
	1912	40.0	21.60	54	114	114	100
	1913	40.0	21.60	54	114	114	100
	1914	40.0	21.60	54	114	114	100
	1915	40.0	21.60	54	114	114	100
	1916	44.0	22.00	50	126	116	93
Bricklayers.....	1907	60.0	26.40	44	100	100	100
	1908	65.0	28.60	44	108	108	100
	1909	65.0	28.60	44	108	108	100
	1910	65.0	28.60	44	108	108	100
	1911	65.0	28.60	44	108	108	100
	1912	65.0	28.60	44	108	108	100
	1913	70.0	30.80	44	117	117	100
	1914	70.0	30.80	44	117	117	100
	1915	70.0	30.80	44	117	117	100
	1916	70.0	30.80	44	117	117	100
Carpenters.....	1907	43.8	21.00	48	100	100	100
	1908	50.0	24.00	48	114	114	100
	1909	50.0	24.00	48	114	114	100
	1910	50.0	24.00	48	114	114	100
	1911	50.0	22.00	44	114	105	92
	1912	50.0	22.00	44	114	105	92
	1913	55.0	24.20	44	126	115	92
	1914	56.3	24.75	44	129	118	92
	1915	62.5	27.50	44	143	131	92
	1916	62.5	27.50	44	143	131	92
Compositors, book and job.....	1907	33.3	16.00	48	100	100	100
	1908	33.3	16.00	48	100	100	100
	1909	33.3	16.00	48	100	100	100
	1910	35.4	17.00	48	106	106	100
	1911	37.5	18.00	48	113	113	100
	1912	39.6	19.00	48	119	119	100
	1913	39.6	19.00	48	119	119	100
	1914	41.7	20.00	48	125	125	100
	1915	41.7	20.00	48	125	125	100
	1916	43.8	21.00	48	131	131	100
Compositors, daywork, newspaper..	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	55.0	26.40	48	110	110	100
	1910	55.0	26.40	48	110	110	100
	1911	55.0	26.40	48	110	110	100
	1912	55.0	26.40	48	110	110	100
	1913	55.0	26.40	48	110	110	100
	1914	60.0	27.00	45	120	113	94
	1915	60.0	27.00	45	120	113	94
	1916	60.0	27.00	45	120	113	94

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

PITTSBURGH, PA.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Electrotypers: Finishers.....	1907	<i>Cents.</i> 33.3	\$18.00	54	100	100	100
	1908	38.9	21.00	54	117	117	100
	1909	38.9	21.00	54	117	117	100
	1910	38.9	21.00	54	117	117	100
	1911	41.2	21.00	51	124	117	94
	1912	43.8	21.00	48	131	117	89
	1913	43.8	21.00	48	131	117	89
	1914	43.8	21.00	48	131	117	89
	1915	43.8	21.00	48	131	117	89
	1916	43.8	21.00	48	131	117	89
Electrotypers: Molders.....	1907	38.9	21.00	54	100	100	100
	1908	44.4	24.00	54	114	114	100
	1909	44.4	24.00	54	114	114	100
	1910	44.4	24.00	54	114	114	100
	1911	47.1	24.00	51	121	114	94
	1912	50.0	24.00	48	129	114	89
	1913	50.0	24.00	48	129	114	89
	1914	50.0	24.00	48	129	114	89
	1915	50.0	24.00	48	129	114	89
	1916	50.0	24.00	48	129	114	89
Hod carriers.....	1907	37.5	16.50	44	100	100	100
	1908	37.5	16.50	44	100	100	100
	1909	37.5	16.50	44	100	100	100
	1910	37.5	16.50	44	100	100	100
	1911	37.5	16.50	44	100	100	100
	1912	37.5	16.50	44	100	100	100
	1913	40.0	17.60	44	107	107	100
	1914	40.0	17.60	44	107	107	100
	1915	40.0	17.60	44	107	107	100
	1916	45.0	19.80	44	120	120	100
Linotype operators, daywork, newspaper.	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	55.0	26.40	48	110	110	100
	1910	55.0	26.40	48	110	110	100
	1911	55.0	26.40	48	110	110	100
	1912	55.0	26.40	48	110	110	100
	1913	55.0	26.40	48	110	110	100
	1914	60.0	27.00	45	120	113	94
	1915	60.0	27.00	45	120	113	94
	1916	60.0	27.00	45	120	113	94
Machinists, manufacturing shops...	1907	30.0	16.20	54	100	100	100
	1908	30.0	16.20	54	100	100	100
	1909	30.0	16.20	54	100	100	100
	1910	35.0	18.90	54	117	117	100
	1911	35.0	18.90	54	117	117	100
	1912	35.0	18.90	54	117	117	100
	1913	35.0	18.90	54	117	117	100
	1914	35.0	18.90	54	117	117	100
	1915	35.0	18.90	54	117	117	100
	1916	35.0	18.90	54	117	117	100
Molders, iron.....	1907	38.9	21.00	54	100	100	100
	1908	38.9	21.00	54	100	100	100
	1909	36.1	19.50	54	93	93	100
	1910	38.9	21.00	54	100	100	100
	1911	38.9	21.00	54	100	100	100
	1912	41.7	22.50	54	107	107	100
	1913	44.4	24.00	54	114	114	100
	1914	44.4	24.00	54	114	114	100
	1915	44.4	24.00	54	114	114	100
	1916	44.4	24.00	54	114	114	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

PITTSBURGH, PA.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Painters.....	1907	42.5	\$20.40	48	100	100	100
	1908	42.5	20.40	48	100	100	100
	1909	42.5	20.40	48	100	100	100
	1910	42.5	20.40	48	100	100	100
	1911	50.0	22.00	44	118	108	92
	1912	52.5	22.10	44	124	113	92
	1913	55.0	24.20	44	129	119	92
	1914	56.3	24.75	44	132	121	92
	1915	58.1	25.58	44	137	125	92
	1916	58.1	25.58	44	137	125	92
Plasterers.....	1907	56.3	24.75	44	100	100	100
	1908	56.3	24.75	44	100	100	100
	1909	56.3	24.75	44	100	100	100
	1910	62.5	27.50	44	111	111	100
	1911	62.5	27.50	44	111	111	100
	1912	62.5	27.50	44	111	111	100
	1913	62.5	27.50	44	111	111	100
	1914	68.8	30.25	44	122	122	100
	1915	71.9	31.63	44	128	128	100
	1916	75.0	33.00	44	133	133	100
Plumbers and gas fitters.....	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	56.3	27.00	48	113	113	100
	1910	56.3	27.00	48	113	113	100
	1911	56.3	27.00	48	113	113	100
	1912	62.5	30.00	48	125	125	100
	1913	62.5	27.50	44	125	115	92
	1914	62.5	27.50	44	125	115	92
	1915	68.8	30.25	44	138	126	92
	1916	68.8	30.25	44	138	126	92
Stereotypers, daywork, newspaper.	1907	42.5	20.40	48	100	100	100
	1908	43.8	21.00	48	103	103	100
	1909	43.8	21.00	48	103	103	100
	1910	43.8	21.00	48	103	103	100
	1911	43.8	21.00	48	103	103	100
	1912	45.0	21.60	48	106	106	100
	1913	46.9	22.50	48	110	110	100
	1914	46.9	22.50	48	110	110	100
	1915	46.9	22.50	48	110	110	100
	1916	48.4	23.25	48	114	114	100
Stonecutters.....	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	55.0	24.20	44	110	110	100
	1915	56.3	24.75	44	113	113	100
	1916	62.5	27.50	44	125	125	100
Structural-iron workers.....	1907	50.0	24.00	48	100	100	100
	1908	56.3	27.00	48	113	113	100
	1909	56.3	27.00	48	113	113	100
	1910	56.3	27.00	48	113	113	100
	1911	56.3	27.00	48	113	113	100
	1912	56.3	24.75	44	113	103	92
	1913	62.5	27.50	44	125	115	92
	1914	62.5	27.50	44	125	115	92
	1915	62.5	27.50	44	125	115	92
	1916	62.5	27.50	44	125	115	92

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

SAN FRANCISCO, CAL.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Blacksmiths, manufacturing shops..	1907	44.4	\$24.00	54	100	100	100
	1908	44.4	24.00	54	100	100	100
	1909	45.7	24.00	52½	103	100	97
	1910	48.5	24.00	49½	109	100	92
	1911	50.0	24.00	48	113	100	89
	1912	50.0	24.00	48	113	100	89
	1913	50.0	24.00	48	113	100	89
	1914	50.0	24.00	48	113	100	89
	1915	50.0	24.00	48	113	100	89
	1916	50.0	24.00	48	113	100	89
Boiler makers, manufacturing and jobbing shops.	1907	50.0	27.00	54	100	100	100
	1908	50.0	27.00	54	100	100	100
	1909	50.0	26.25	52½	100	97	97
	1910	50.0	24.75	49½	100	92	92
	1911	50.0	24.00	48	100	89	89
	1912	50.0	24.00	48	100	89	89
	1913	50.0	24.00	48	100	89	89
	1914	50.0	24.00	48	100	89	89
	1915	50.0	24.00	48	100	89	89
	1916	53.1	25.50	48	106	94	89
Bricklayers.....	1907	87.5	38.50	44	100	100	100
	1908	87.5	38.50	44	100	100	100
	1909	87.5	38.50	44	100	100	100
	1910	87.5	38.50	44	100	100	100
	1911	87.5	38.50	44	100	100	100
	1912	87.5	38.50	44	100	100	100
	1913	87.5	38.50	44	100	100	100
	1914	87.5	38.50	44	100	100	100
	1915	87.5	38.50	44	100	100	100
	1916	87.5	38.50	44	100	100	100
Carpenters.....	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	62.5	27.50	44	100	100	100
	1914	62.5	27.50	44	100	100	100
	1915	62.5	27.50	44	100	100	100
	1916	62.5	27.50	44	100	100	100
Cement workers: Finishers.....	1907	75.0	36.00	48	100	100	100
	1908	75.0	33.00	44	100	92	92
	1909	75.0	33.00	44	100	92	92
	1910	75.0	33.00	44	100	92	92
	1911	75.0	33.00	44	100	92	92
	1912	75.0	33.00	44	100	92	92
	1913	75.0	33.00	44	100	92	92
	1914	75.0	33.00	44	100	92	92
	1915	75.0	33.00	44	100	92	92
	1916	75.0	33.00	44	100	92	92
Compositors, book and job.....	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	50.0	24.00	48	100	100	100
	1911	50.0	24.00	48	100	100	100
	1912	50.0	24.00	48	100	100	100
	1913	50.0	24.00	48	100	100	100
	1914	50.0	24.00	48	100	100	100
	1915	50.0	24.00	48	100	100	100
	1916	52.6	25.25	48	105	105	100

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

SAN FRANCISCO, CAL.—Continued.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Compositors, daywork, newspaper..	1907	60.0	\$27.00	45	100	100	100
	1908	60.0	27.00	45	100	100	100
	1909	64.4	29.00	45	107	107	100
	1910	64.4	29.00	45	107	107	100
	1911	64.4	29.00	45	107	107	100
	1912	64.4	29.00	45	107	107	100
	1913	64.4	29.00	45	107	107	100
	1914	64.4	29.00	45	107	107	100
	1915	69.0	29.00	42	115	107	93
	1916	69.0	29.00	42	115	107	93
Electrotypers: Finishers and molders.	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	50.0	24.00	48	100	100	100
	1911	53.1	25.50	48	106	106	100
	1912	56.3	27.00	48	113	113	100
	1913	56.3	27.00	48	113	113	100
	1914	56.3	27.00	48	113	113	100
	1915	56.3	27.00	48	113	113	100
	1916	56.3	27.00	48	113	113	100
Hod carriers.....	1907	50.0	22.00	44	100	100	100
	1908	50.0	22.00	44	100	100	100
	1909	50.0	22.00	44	100	100	100
	1910	50.0	22.00	44	100	100	100
	1911	50.0	22.00	44	100	100	100
	1912	50.0	22.00	44	100	100	100
	1913	50.0	22.00	44	100	100	100
	1914	50.0	22.00	44	100	100	100
	1915	50.0	22.00	44	100	100	100
	1916	50.0	22.00	44	100	100	100
Linotype operators, daywork, newspaper.	1907	60.0	27.00	45	100	100	100
	1908	60.0	27.00	45	100	100	100
	1909	64.4	29.00	45	107	107	100
	1910	64.4	29.00	45	107	107	100
	1911	64.4	29.00	45	107	107	100
	1912	64.4	29.00	45	107	107	100
	1913	64.4	29.00	45	107	107	100
	1914	64.4	29.00	45	107	107	100
	1915	69.0	29.00	42	115	107	93
	1916	69.0	29.00	42	115	107	93
Machinists, manufacturing shops...	1907	38.9	21.00	54	100	100	100
	1908	38.9	21.00	54	100	100	100
	1909	40.0	21.00	52½	103	100	97
	1910	42.4	21.00	49½	109	100	92
	1911	43.8	21.00	48	113	100	89
	1912	43.8	21.00	48	113	100	89
	1913	43.8	21.00	48	113	100	89
	1914	43.8	21.00	48	113	100	89
	1915	43.8	21.00	48	113	100	89
	1916	50.0	24.00	48	129	114	89
Molders, iron.....	1907	44.4	24.00	54	100	100	100
	1908	44.4	24.00	54	100	100	100
	1909	45.7	24.00	52½	103	100	97
	1910	48.5	24.00	49½	109	100	92
	1911	50.0	24.00	48	113	100	89
	1912	50.0	24.00	48	113	100	89
	1913	50.0	24.00	48	113	100	89
	1914	50.0	24.00	48	113	100	89
	1915	50.0	24.00	48	113	100	89
	1916	50.0	24.00	48	113	100	89
Painters.....	1907	50.0	24.00	48	100	100	100
	1908	50.0	24.00	48	100	100	100
	1909	50.0	24.00	48	100	100	100
	1910	56.3	24.75	44	113	103	92
	1911	56.3	24.75	44	113	103	92
	1912	56.3	24.75	44	113	103	92
	1913	56.3	24.75	44	113	103	92
	1914	59.4	26.13	44	119	109	92
	1915	62.5	27.50	44	125	115	92
	1916	62.5	27.50	44	125	115	92

TABLE 2.—UNION SCALE OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN THE PRINCIPAL TRADES IN SIX SELECTED CITIES, 1907 TO 1916—Concluded.

SAN FRANCISCO, CAL.—Concluded.

Occupation.	Year.	Rates of wages—		Hours of labor per week, full time.	Relative—		
		Per hour.	Per week, full time.		Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
		<i>Cents.</i>					
Plasterers.....	1907	87.5	\$38.50	44	100	100	100
	1908	87.5	38.50	44	100	100	100
	1909	87.5	38.50	44	100	100	100
	1910	87.5	38.50	44	100	100	100
	1911	87.5	38.50	44	100	100	100
	1912	87.5	38.50	44	100	100	100
	1913	87.5	38.50	44	100	100	100
	1914	87.5	38.50	44	100	100	100
	1915	87.5	38.50	44	100	100	100
	1916	87.5	35.00	40	100	91	91
Plasterers' laborers.....	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	62.5	27.50	44	100	100	100
	1914	62.5	27.50	44	100	100	100
	1915	62.5	27.50	44	100	100	100
	1916	62.5	27.50	44	100	100	100
Plumbers and gas fitters.....	1907	62.5	27.50	44	100	100	100
	1908	75.0	33.00	44	120	120	100
	1909	75.0	33.00	44	120	120	100
	1910	75.0	33.00	44	120	120	100
	1911	75.0	33.00	44	120	120	100
	1912	75.0	33.00	44	120	120	100
	1913	75.0	33.00	44	120	120	100
	1914	75.0	33.00	44	120	120	100
	1915	75.0	33.00	44	120	120	100
	1916	75.0	33.00	44	120	120	100
Stereotypers, daywork, newspaper..	1907	53.3	24.00	45	100	100	100
	1908	53.3	24.00	45	100	100	100
	1909	60.0	27.00	45	113	113	100
	1910	60.0	27.00	45	113	113	100
	1911	60.0	27.00	45	113	113	100
	1912	60.0	27.00	45	113	113	100
	1913	60.0	27.00	45	113	113	100
	1914	66.7	30.00	45	125	125	100
	1915	66.7	30.00	45	125	125	100
	1916	66.7	30.00	45	125	125	100
Stonecutters.....	1907	62.5	27.50	44	100	100	100
	1908	62.5	27.50	44	100	100	100
	1909	62.5	27.50	44	100	100	100
	1910	62.5	27.50	44	100	100	100
	1911	62.5	27.50	44	100	100	100
	1912	62.5	27.50	44	100	100	100
	1913	70.0	30.80	44	112	112	100
	1914	70.0	30.80	44	112	112	100
	1915	70.0	30.80	44	112	112	100
	1916	70.0	30.80	44	112	112	100
Structural-iron workers.....	1907	62.5	30.00	48	100	100	100
	1908	62.5	27.50	44	100	92	92
	1909	62.5	27.50	44	100	92	92
	1910	62.5	27.50	44	100	92	92
	1911	62.5	27.50	44	100	92	92
	1912	62.5	27.50	44	100	92	92
	1913	75.0	33.00	44	120	110	92
	1914	75.0	33.00	44	120	110	92
	1915	75.0	33.00	44	120	110	92
	1916	75.0	33.00	44	120	110	92

TABLE 3.—AVERAGE YEARLY AND RELATIVE PRICES (RELATIVE PRICES COMPUTED FROM MONEY PRICES, 1907 EQUALS 100) OF THE PRINCIPAL ARTICLES OF FOOD AND QUANTITY PURCHASED FOR \$1 IN SIX SELECTED CITIES, 1907 TO 1916.

BOSTON, MASS.

Money prices.

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	Lard.	Hens.	Bread.	Flour, ½ bbl.	Corn meal.	Eggs, strictly fresh.	But- ter.	Pota- toes.	Sugar.	Milk.	Cheese.	Rice.	Coffee.	Tea.	All arti- cles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.	
1907..	\$0.286	\$0.262	\$0.211	.....	.....	\$0.171	\$0.218	\$0.239	\$0.133	\$0.194	.....	\$0.854	\$0.028	\$0.326	\$0.330	\$0.261	\$0.057	\$0.082	.....	.....	.....	.....	.....
1908..	.294	.262	.194	.....	.....	.174	.198	.242	.135	.196	.....	.958	.028	.338	.315	.278	.058	.083	.....	.....	.....	.....	.....
1909..	.294	.255	.190	.....	.....	.196	.213	.259	.154	.214	.....	1.000	.028	.368	.340	.276	.057	.083	.....	.....	.....	.....	.....
1910..	.287	.261	.188	.....	.....	.187	.238	.253	.173	.211	.....	.987	.030	.397	.350	.255	.059	.088	.....	.....	.....	.....	.....
1911..	.288	.275	.197	.....	.....	.196	.227	.261	.146	.212	.....	.963	.033	.381	.333	.287	.062	.086	.....	.....	.....	.....	.....
1912..	.345	.314	.243	\$0.164	.....	.204	.220	.265	.149	.221	.....	.983	.035	.419	.388	.353	.061	.088	.....	.....	.....	.....	.....
1913..	.353	.343	.245	.175	.....	.230	.252	.286	.158	.248	.....	.904	.035	.423	.379	.263	.054	.089	.....	.....	.....	.....	.....
1914..	.357	.353	.247	.177	.....	.235	.258	.268	.156	.253	\$0.053	.949	.036	.438	.361	.280	.058	.089	.....	.....	.....	.....	.....
1915..	.353	.348	.248	.171	.....	.214	.260	.241	.148	.250	.058	1.151	.038	.420	.355	.214	.065	.089	\$0.234	\$0.098	\$0.334	\$0.601	.....
1916..	.378	.364	.262	.200	.....	.238	.264	.285	.175	.269	.060	1.198	.040	.466	.385	.423	.079	.091	.252	.098	.333	.606	.....

Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.	
1907..	3.5	3.8	4.7	.....	.....	5.8	4.6	4.2	7.5	5.2	.....	1.2	35.7	3.1	3.0	3.8	17.5	12.2	.....	.....	.....	.....
1908..	3.4	3.8	5.2	.....	.....	5.7	5.1	4.1	7.4	5.1	.....	1.0	35.7	3.0	3.2	3.6	17.2	12.0	.....	.....	.....	.....
1909..	3.4	3.9	5.3	.....	.....	5.1	4.7	3.9	6.5	4.7	.....	1.0	35.7	2.7	2.9	3.6	17.5	12.0	.....	.....	.....	.....
1910..	3.5	3.8	5.3	.....	.....	5.3	4.2	4.0	5.8	4.7	.....	1.0	33.3	2.5	2.9	3.9	16.9	11.4	.....	.....	.....	.....
1911..	3.5	3.6	5.1	.....	.....	5.1	4.4	3.8	6.8	4.7	.....	1.0	30.3	2.6	3.0	3.5	16.1	11.6	.....	.....	.....	.....
1912..	2.9	3.2	4.1	6.1	.....	4.9	4.5	3.8	6.7	4.5	.....	1.0	28.6	2.4	2.6	2.8	16.4	11.4	.....	.....	.....	.....
1913..	2.8	2.9	4.1	5.7	.....	4.3	4.0	3.5	6.3	4.0	.....	1.1	28.6	2.4	2.6	3.8	18.5	11.2	.....	.....	.....	.....
1914..	2.8	2.8	4.0	5.6	.....	4.3	3.9	3.7	6.4	4.0	18.9	1.1	27.8	2.3	2.8	3.6	17.2	11.2	.....	.....	.....	.....
1915..	2.8	2.9	4.0	5.8	.....	4.7	3.8	4.1	6.8	4.0	17.2	9	26.3	2.4	2.8	4.7	15.4	11.2	4.3	10.2	3.0	1.7
1916..	2.6	2.7	3.8	5.0	.....	4.2	3.8	3.5	5.7	3.7	16.7	8	25.0	2.1	2.6	2.4	12.7	11.0	4.0	10.2	3.0	1.7

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	.....	.....	.....	.....	100
1908..	103	100	92	.....	.....	102	91	101	102	101	.....	112	100	104	95	107	102	101	.....	.....	.....	.....	101
1909..	103	97	90	.....	.....	115	98	108	116	110	.....	117	100	113	103	106	100	101	.....	.....	.....	.....	104
1910..	100	100	89	.....	.....	109	109	106	130	109	.....	116	107	122	106	98	104	107	.....	.....	.....	.....	106
1911..	101	105	93	.....	.....	115	104	109	110	109	.....	113	118	117	101	110	109	105	.....	.....	.....	.....	106
1912..	121	120	115	.....	.....	119	101	111	112	114	.....	115	125	129	118	135	107	107	.....	.....	.....	.....	117
1913..	123	131	116	.....	.....	135	116	120	119	128	.....	106	125	130	115	101	95	109	.....	.....	.....	.....	119
1914..	125	135	117	.....	.....	137	118	112	117	130	.....	111	129	134	109	107	102	109	.....	.....	.....	.....	120
1915..	123	133	118	.....	.....	125	119	101	111	129	.....	135	136	129	108	82	114	109	.....	.....	.....	.....	118
1916..	132	139	124	.....	.....	139	121	119	132	139	.....	140	143	143	117	162	139	111	.....	.....	.....	.....	131

CHICAGO, ILL.

Money prices.

	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.
1907.	\$0.182	\$0.143	\$0.165	.....	.....	\$0.137	\$0.210	\$0.191	\$0.123	\$0.144	.....	\$0.735	\$0.026	\$0.232	\$0.313	\$0.210	\$0.052	\$0.072	.....	.....	.....	.....
1908.	.198	.149	.175	.....	.....	.146	.222	.195	.120	.153	.....	.784	.026	.270	.318	.240	.053	.073	.....	.....	.....	.....
1909.	.208	.159	.184	.....	.....	.147	.225	.203	.128	.162	.....	.858	.029	.285	.324	.240	.054	.074	.....	.....	.....	.....
1910.	.208	.162	.186	.....	.....	.164	.239	.219	.148	.163	.....	.833	.029	.302	.345	.225	.055	.079	.....	.....	.....	.....
1911.	.205	.159	.182	.....	.....	.153	.241	.218	.133	.165	.....	.809	.029	.292	.336	.300	.063	.080	.....	.....	.....	.....
1912.	.234	.191	.209	.....	.....	.172	.255	.241	.144	.178	.....	.809	.029	.295	.355	.315	.059	.080	.....	.....	.....	.....
1913.	.232	.202	.195	.....	.....	.190	.294	.266	.149	.193	.....	.686	.029	.292	.362	.225	.051	.080	.....	.....	.....	.....
1914.	.254	.223	.206	\$0.169	\$0.123	.198	.304	.279	.150	.196	\$0.054	.760	.028	.297	.331	.255	.056	.080	.....	.....	.....	.....
1915.	.252	.212	.210	.169	.123	.198	.283	.294	.139	.188	.059	.902	.032	.314	.336	.191	.031	.080	\$0.233	\$0.096	\$0.300	\$0.525
1916.	.271	.226	.219	.167	.126	.211	.301	.309	.166	.221	.061	.980	.033	.338	.378	.375	.073	.084	.262	.094	.300	.525

Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.
1907.	5.5	7.0	6.1	.....	.....	7.3	4.8	5.2	8.1	6.9	.....	1.4	38.5	3.8	3.2	4.8	19.2	13.9	.....	.....	.....	.....
1908.	5.1	6.7	5.7	.....	.....	6.8	4.5	5.1	8.3	6.5	.....	1.3	38.5	3.7	3.1	4.2	18.9	13.7	.....	.....	.....	.....
1909.	4.8	6.3	5.4	.....	.....	6.8	4.4	4.9	7.8	6.2	.....	1.2	34.5	3.5	3.1	4.2	18.5	13.5	.....	.....	.....	.....
1910.	4.8	6.2	5.4	.....	.....	6.1	4.2	4.6	6.8	6.1	.....	1.2	34.5	3.3	2.9	4.4	18.2	12.7	.....	.....	.....	.....
1911.	4.9	6.3	5.5	.....	.....	6.5	4.1	4.6	7.5	6.1	.....	1.2	34.5	3.4	3.0	3.3	15.9	12.5	.....	.....	.....	.....
1912.	4.3	5.2	4.8	.....	.....	5.8	3.9	4.1	6.9	5.6	.....	1.2	34.5	3.4	2.8	3.2	16.9	12.5	.....	.....	.....	.....
1913.	4.3	5.0	5.1	.....	.....	5.3	3.4	3.8	6.7	5.2	.....	1.5	34.5	3.4	2.8	4.4	19.6	12.5	.....	.....	.....	.....
1914.	3.9	4.5	4.9	5.9	8.1	5.1	3.3	3.6	6.7	5.1	18.5	1.3	35.7	3.4	3.0	3.9	17.9	12.5	.....	.....	.....	.....
1915.	4.0	4.7	4.8	5.9	8.1	5.1	3.5	3.4	7.2	5.3	16.9	1.1	31.3	3.2	3.0	5.2	16.4	12.5	4.3	10.4	3.3	1.9
1915.	3.7	4.4	4.6	6.0	7.9	4.7	3.3	3.2	6.0	4.5	16.4	1.0	30.3	3.0	2.6	2.7	13.7	11.9	3.8	10.6	3.3	1.9

Relative prices.

1907.	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	.....	.....	.....	100
1908.	109	104	106	.....	.....	107	106	104	98	106	.....	107	100	103	102	114	102	101	.....	.....	.....	105
1909.	114	111	112	.....	.....	107	107	106	104	113	.....	117	112	109	104	114	104	103	.....	.....	.....	109
1910.	114	113	113	.....	.....	120	114	115	120	113	.....	113	112	115	111	107	106	111	.....	.....	.....	113
1911.	113	111	110	.....	.....	112	115	114	108	115	.....	110	112	111	107	143	121	111	.....	.....	.....	113
1912.	129	134	127	.....	.....	126	121	126	117	124	.....	110	112	113	113	150	133	111	.....	.....	.....	121
1913.	127	141	118	.....	.....	139	140	139	121	134	.....	93	112	111	113	107	98	111	.....	.....	.....	120
1914.	140	156	125	.....	.....	145	145	143	122	135	.....	103	108	113	106	121	108	111	.....	.....	.....	124
1915.	138	148	127	.....	.....	145	135	154	113	131	.....	123	123	120	137	91	117	111	.....	.....	.....	124
1916.	149	158	133	.....	.....	154	143	132	135	153	.....	133	127	129	121	179	140	117	.....	.....	.....	138

TABLE 3.—AVERAGE YEARLY AND RELATIVE PRICES (RELATIVE PRICES COMPUTED FROM MONEY PRICES, 1907 EQUALS 100) OF THE PRINCIPAL ARTICLES OF FOOD AND QUANTITY PURCHASED FOR \$1 IN SIX SELECTED CITIES, 1907 TO 1916—Continued.

DENVER, COLO.

Money prices.

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	Lard.	Hens.	Bread.	Flour, $\frac{1}{2}$ bbl.	Corn meal.	Eggs, strictly fresh.	Butter.	Potatoes.	Sugar.	Milk.	Cheese.	Rice.	Coffee.	Tea.	All articles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.	
1907..	\$0.183	\$0.153	\$0.175	.....	.....	\$0.142	\$0.218	\$0.225	\$0.150	\$0.153	.....	\$0.590	\$0.026	\$0.279	\$0.314	\$0.223	\$0.060	\$0.075	.....	.....	.....	.....	.....
1908..	.185	.158	.175	.....	.....	.146	.248	.256	.150	.162	.....	.672	.026	.276	.327	.247	.059	.075	.....	.....	.....	.....	.....
1909..	.192	.166	.179	.....	.....	.164	.258	.267	.150	.180	.....	.768	.026	.292	.340	.269	.060	.078	.....	.....	.....	.....	.....
1910..	.200	.180	.175	.....	.....	.186	.297	.294	.184	.201	.....	.700	.026	.304	.354	.253	.061	.084	.....	.....	.....	.....	.....
1911..	.199	.179	.176	.....	.....	.172	.290	.292	.142	.180	.....	.660	.025	.307	.334	.366	.067	.085	.....	.....	.....	.....	.....
1912..	.223	.196	.172	.....	.....	.179	.256	.265	.155	.194	.....	.688	.027	.331	.364	.308	.064	.084	.....	.....	.....	.....	.....
1913..	.235	.208	.172	.....	.....	.195	.274	.290	.162	.203	.....	.628	.025	.320	.373	.215	.055	.084	.....	.....	.....	.....	.....
1914..	.233	.217	.175	.....	.....	.208	.276	.296	.159	.205	\$0.049	.654	.026	.320	.346	.246	.057	.084	.....	.....	.....	.....	.....
1915..	.235	.212	.183	.154	.101	.185	.260	.280	.152	.197	.056	.833	.028	.322	.341	.233	.070	.084	\$0.246	\$0.090	\$0.296	\$0.521	.....
1916..	.247	.212	.188	.165	.104	.206	.286	.295	.177	.215	.062	.866	.027	.360	.374	.368	.080	.084	.262	.092	.295	.500	.....

Quantity purchased for \$1.

Year.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	
1907..	5.5	6.5	5.7	.....	.....	7.0	4.6	4.4	6.7	6.5	.....	1.7	38.5	3.6	3.2	4.5	16.7	13.3	.....	.....	.....	.....	.....
1908..	5.4	6.3	5.7	.....	.....	6.8	4.0	3.9	6.7	6.2	.....	1.5	38.5	3.6	3.1	4.0	16.9	13.3	.....	.....	.....	.....	.....
1909..	5.2	6.0	5.6	.....	.....	6.1	3.9	3.7	6.7	5.6	.....	1.3	38.5	3.4	2.9	3.7	16.7	12.8	.....	.....	.....	.....	.....
1910..	5.0	5.6	5.7	.....	.....	5.4	3.4	3.4	5.4	5.0	.....	1.4	38.5	3.3	2.8	4.0	16.4	11.9	.....	.....	.....	.....	.....
1911..	5.0	5.6	5.7	.....	.....	5.8	3.4	3.4	7.0	5.6	.....	1.5	40.0	3.3	3.0	2.7	14.9	11.8	.....	.....	.....	.....	.....
1912..	4.5	5.1	5.8	.....	.....	5.6	3.9	3.8	6.5	5.2	.....	1.5	37.0	3.0	2.7	3.2	15.6	11.9	.....	.....	.....	.....	.....
1913..	4.3	4.8	5.8	.....	.....	5.1	3.6	3.4	6.2	4.9	.....	1.6	40.0	3.1	2.7	4.7	18.2	11.9	.....	.....	.....	.....	.....
1914..	4.3	4.6	5.7	6.2	9.9	4.8	3.6	3.4	6.3	4.9	20.4	1.5	38.5	3.1	2.9	4.1	17.5	11.9	.....	.....	.....	.....	.....
1915..	4.3	4.7	5.5	6.5	9.9	5.4	3.8	3.6	6.6	5.1	17.9	1.2	35.7	3.1	2.9	4.3	14.3	11.9	4.1	11.1	3.4	1.9	.....
1916..	4.0	4.7	5.3	6.1	9.6	4.9	3.5	3.4	5.6	4.7	16.1	1.2	37.0	2.8	2.7	2.7	12.5	11.9	3.8	10.9	3.4	2.0	.....

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	.....	.....	.....	.....	100
1908..	101	103	100	.....	.....	103	114	114	100	106	.....	114	100	99	104	111	98	100	.....	.....	.....	.....	103
1909..	105	109	102	.....	.....	115	118	119	100	118	.....	130	100	105	108	121	100	104	.....	.....	.....	.....	108
1910..	109	118	100	.....	.....	131	136	131	123	131	.....	119	100	109	113	113	102	112	.....	.....	.....	.....	114
1911..	109	117	101	.....	.....	121	133	130	95	118	.....	112	96	110	106	164	112	113	.....	.....	.....	.....	113
1912..	122	128	98	.....	.....	126	117	118	103	127	.....	117	104	119	116	138	107	112	.....	.....	.....	.....	116
1913..	128	136	98	.....	.....	137	126	129	108	133	.....	106	96	115	119	96	92	112	.....	.....	.....	.....	115
1914..	127	142	100	.....	.....	146	127	132	106	134	.....	111	100	115	108	110	95	112	.....	.....	.....	.....	116
1915..	128	139	105	.....	.....	130	119	124	101	129	.....	141	108	115	109	104	117	112	.....	.....	.....	.....	118
1916..	135	139	107	.....	.....	145	131	131	118	141	.....	147	104	129	119	165	133	112	.....	.....	.....	.....	128

NEW YORK, N. Y.

Money prices.

	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.										
1907.	\$0.199	\$0.181	\$0.176			\$0.159	\$0.194	\$0.210	\$0.146	\$0.178		\$0.819	\$0.032	\$0.324	\$0.331	\$0.053	\$0.081					
1908.	.201	.184	.179			.166	.209	.212	.143	.184		.843	.033	.334	.334	.053	.081					
1909.	.202	.191	.183			.179	.230	.218	.150	.190		.874	.033	.352	.352	.053	.082					
1910.	.214	.201	.188			.199	.254	.223	.166	.197		.887	.033	.373	.372	.054	.086					
1911.	.216	.202	.186			.186	.233	.212	.143	.196		.862	.032	.345	.335	.059	.089					
1912.	.244	.229	.208			.201	.226	.213	.150	.198		.877	.034	.359	.375	.056	.089					
1913.	.259	.249	.218			.217	.249	.225	.160	.214		.788	.034	.397	.382	\$0.375	.049	.090				
1914.	.268	.263	.221	\$0.167	\$0.153	.229	.255	.230	.158	.218	\$0.055	.826	.035	.404	.356	.360	.052	.090				
1915.	.261	.259	.215	.159	.149	.237	.248	.223	.149	.213	.058	1.047	.039	.372	.352	.274	.060	.090	\$0.230	\$0.093	\$0.263	\$0.449
1916.	.281	.275	.231	.173	.158	.266	.261	.253	.173	.245	.060	1.103	.042	.404	.391	.480	.075	.092	.245	.091	.263	.454

Quantity purchased for \$1.

	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.											
1907.	5.0	5.5	5.7			6.3	5.2	4.8	6.8	5.6		1.2	31.3	3.1	3.0		18.9	12.3					
1908.	5.0	5.4	5.6			6.0	4.8	4.7	7.0	5.4		1.2	30.3	3.0	3.0		18.9	12.3					
1909.	5.0	5.2	5.5			5.6	4.3	4.6	6.7	5.3		1.1	30.3	2.8	2.8		18.9	12.2					
1910.	4.7	5.0	5.3			5.0	3.9	4.5	6.0	5.1		1.1	30.3	2.7	2.7		18.5	11.6					
1911.	4.6	5.0	5.4			5.4	4.3	4.7	7.0	5.1		1.2	31.3	2.9	3.0		16.9	11.2					
1912.	4.1	4.4	4.8			5.0	4.4	4.7	6.7	5.1		1.1	29.4	2.6	2.7		17.9	11.2					
1913.	3.9	4.0	4.6			4.6	4.0	4.4	6.3	4.7		1.3	29.4	2.5	2.6	2.7	20.4	11.1					
1914.	3.7	3.8	4.5	6.0	6.5	4.4	3.9	4.3	6.3	4.6	18.2	1.2	28.6	2.5	2.8	2.8	19.2	11.1					
1915.	3.8	3.9	4.7	6.3	6.7	4.2	4.0	4.5	6.7	4.7	17.2	1.0	25.6	2.7	2.8	3.6	16.7	11.1					
1916.	3.6	3.6	4.3	5.8	6.3	3.8	3.8	4.0	5.8	4.1	16.7	.9	23.8	2.5	2.6	2.1	13.3	10.9	4.3	10.8	3.8	2.2	

Relative prices.

1907.	100	100	100			100	100	100	100	100		100	100	100	100		100	100					100
1908.	101	102	102			104	108	101	98	103		103	103	103	101		100	100					102
1909.	102	106	104			113	119	104	103	107		103	103	109	106		100	101					106
1910.	108	111	107			125	131	106	114	111		108	103	115	112		102	106					111
1911.	109	112	106			117	120	101	98	110		105	100	106	101		111	110					107
1912.	123	127	118			126	116	101	103	111		107	106	120	113		106	110					115
1913.	130	138	124			136	128	107	110	120		96	106	123	115		92	111					118
1914.	135	145	126			144	131	110	108	122		101	109	125	108		98	111					120
1915.	131	143	122			149	128	106	102	120		128	122	115	106		113	111					120
1916.	141	152	131			167	135	120	118	138		135	131	125	118		142	114					133

82541-17-Bull. 214-19

TABLE 3.—AVERAGE YEARLY AND RELATIVE PRICES (RELATIVE PRICES COMPUTED FROM MONEY PRICES, 1907 EQUALS 100) OF THE PRINCIPAL ARTICLES OF FOOD AND QUANTITY PURCHASED FOR \$1 IN SIX SELECTED CITIES, 1907 TO 1916—Concluded.

PITTSBURGH, PA.

Money prices.

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	Lard.	Hens.	Bread.	Flour.	Corn meal.	Eggs, strictly fresh.	Butter.	Potatoes.	Sugar.	Milk.	Cheese.	Rice.	Coffee.	Tea.	All articles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.	
1907..	\$0.201	\$0.160	\$0.178	.....	.....	\$0.163	\$0.199	\$0.228	\$0.145	\$0.207	.....	\$0.793	\$0.028	\$0.250	\$0.333	\$0.247	\$0.061	\$0.080	.....	.....	.....	.....	.....
1908..	.205	.163	.181	.....	.....	.149	.197	.232	.142	.209	.....	.846	.027	.270	.341	.277	.061	.079	.....	.....	.....	.....	.....
1909..	.210	.167	.181	.....	.....	.167	.223	.236	.155	.235	.....	.872	.027	.300	.355	.280	.061	.080	.....	.....	.....	.....	.....
1910..	.212	.178	.187	.....	.....	.190	.230	.232	.180	.220	.....	.855	.027	.291	.351	.262	.061	.082	.....	.....	.....	.....	.....
1911..	.214	.181	.190	.....	.....	.182	.237	.248	.149	.216	.....	.819	.028	.272	.345	.298	.068	.083	.....	.....	.....	.....	.....
1912..	.252	.210	.207	\$0.155	\$0.105	.200	.232	.276	.153	.235	.....	.835	.029	.315	.379	.333	.065	.084	.....	.....	.....	.....	.....
1913..	.268	.233	.217	.167	.121	.222	.290	.292	.155	.257	.....	.771	.028	.325	.398	.262	.056	.088	.....	.....	.....	.....	.....
1914..	.282	.245	.220	.175	.131	.231	.300	.299	.155	.261	\$0.048	.839	.031	.332	.375	.282	.062	.092	.....	.....	.....	.....	.....
1915..	.271	.236	.214	.165	.121	.206	.286	.285	.142	.251	.055	1.018	.032	.318	.370	.214	.067	.093	\$0.230	\$0.097	\$0.274	\$0.563	.....
1916..	.288	.251	.231	.180	.128	.237	.306	.326	.170	.288	.058	1.097	.033	.356	.408	.409	.082	.095	.258	.095	.266	.571	.....

Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.	
1907..	5.0	6.3	5.6	.....	.....	6.1	5.0	4.4	6.9	4.8	.....	1.3	35.7	3.6	3.0	4.0	16.4	12.5	.....	.....	.....	.....
1908..	4.9	6.1	5.5	.....	.....	6.7	5.1	4.3	7.0	4.8	.....	1.2	37.0	3.7	2.9	3.6	16.4	12.7	.....	.....	.....	.....
1909..	4.8	6.0	5.5	.....	.....	6.3	4.5	4.2	6.6	4.3	.....	1.1	37.0	3.3	2.8	3.6	16.4	12.5	.....	.....	.....	.....
1910..	4.7	5.6	5.3	.....	.....	5.3	4.3	4.3	5.6	4.5	.....	1.2	37.0	3.4	2.8	3.8	16.4	12.2	.....	.....	.....	.....
1911..	4.7	5.5	5.3	.....	.....	5.5	4.2	4.0	6.7	4.6	.....	1.2	35.7	3.7	2.9	3.4	14.7	12.0	.....	.....	.....	.....
1912..	4.0	4.8	4.8	6.5	9.5	5.0	4.0	3.6	6.5	4.3	.....	1.2	34.5	3.2	2.6	3.0	15.4	11.9	.....	.....	.....	.....
1913..	3.7	4.3	4.6	6.0	8.3	4.5	3.4	3.4	6.5	3.9	.....	1.3	35.7	3.1	2.5	3.8	17.9	11.4	.....	.....	.....	.....
1914..	3.5	4.1	4.6	6.7	7.6	4.3	3.3	3.3	6.5	3.8	20.8	1.2	32.3	3.0	2.7	3.5	16.1	10.9	.....	.....	.....	.....
1915..	3.7	4.2	4.7	6.1	8.3	4.9	3.5	3.5	7.0	4.0	18.2	1.0	31.3	3.1	2.7	4.7	14.9	10.8	.....	.....	.....	.....
1916..	3.5	4.0	4.3	6.6	7.8	4.2	3.3	3.1	5.9	3.5	17.2	9	30.3	2.8	2.5	2.4	12.2	10.5

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	.....	.....	.....	.....	100
1908..	102	102	102	.....	.....	91	99	102	98	101	.....	107	96	96	102	112	100	99	.....	.....	.....	.....	101
1909..	104	104	102	.....	.....	102	112	104	107	114	.....	110	96	107	107	113	100	100	.....	.....	.....	.....	106
1910..	105	111	105	.....	.....	117	116	102	124	106	.....	108	96	103	105	106	100	103	.....	.....	.....	.....	107
1911..	106	113	107	.....	.....	112	119	109	103	104	.....	103	100	97	104	121	111	104	.....	.....	.....	.....	107
1912..	125	131	116	.....	.....	123	127	121	106	114	.....	105	104	113	114	135	107	105	.....	.....	.....	.....	116
1913..	133	146	122	.....	.....	136	146	128	107	124	.....	97	100	116	120	106	92	110	.....	.....	.....	.....	120
1914..	140	153	124	.....	.....	142	151	131	107	126	.....	106	111	119	113	114	102	115	.....	.....	.....	.....	123
1915..	135	148	120	.....	.....	126	144	125	98	121	.....	128	114	114	111	87	110	116	.....	.....	.....	.....	120
1916..	143	157	130	.....	.....	145	153	143	117	139	.....	138	118	127	123	166	134	119	.....	.....	.....	.....	135

SAN FRANCISCO, CAL.

Money prices.

	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.
1907..	\$0.153	\$0.125	\$0.167	.....	.....	\$0.190	\$0.250	\$0.283	\$0.142	.....	.....	\$0.735	\$0.030	\$0.363	\$0.354	\$0.360	\$0.057	\$0.100	.....	.....	.....	.....
1908..	.155	.129	.172	.....	.....	.185	.250	.283	.142	.....	.....	.809	.031	.360	.342	.330	.061	.100	.....	.....	.....	.....
1909..	.155	.129	.172	.....	.....	.192	.269	.283	.167	.....	.....	.907	.032	.417	.365	.345	.059	.100	.....	.....	.....	.....
1910..	.156	.140	.177	.....	.....	.203	.314	.301	.195	.....	.....	.858	.032	.395	.380	.330	.059	.098	.....	.....	.....	.....
1911..	.168	.155	.184	.....	.....	.201	.312	.288	.151	\$0.246	.....	.784	.034	.370	.343	.390	.058	.098	.....	.....	.....	.....
1912..	.183	.165	.194	\$0.133	\$0.118	.211	.302	.242	.156	.238	.....	.809	.035	.343	.387	.330	.060	.100	.....	.....	.....	.....
1913..	.207	.193	.210	.149	.135	.236	.330	.276	.173	.242	.....	.809	.034	.373	.388	.255	.054	.100	.....	.....	.....	.....
1914..	.208	.199	.218	.155	.149	.248	.336	.280	.168	.244	\$0.052	.882	.036	.392	.345	.270	.058	.100	.....	.....	.....	.....
1915..	.208	.198	.213	.147	.137	.235	.322	.265	.167	.243	.055	.980	.036	.383	.335	.285	.066	.100	\$0.213	\$0.088	\$0.317	\$0.511
1916..	.205	.195	.207	.141	.132	.234	.327	.294	.174	.263	.056	1.005	.037	.381	.362	.390	.077	.100	.239	.085	.317	.517

Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.
1907..	6.5	8.0	6.0	.....	.....	5.3	4.0	3.5	7.0	.....	.....	1.4	33.3	2.8	2.8	2.8	17.5	10.0	.....	.....	.....	.....
1908..	6.5	7.8	5.8	.....	.....	5.4	4.0	3.5	7.0	.....	.....	1.2	32.3	2.8	2.9	3.0	16.4	10.0	.....	.....	.....	.....
1909..	6.5	7.8	5.8	.....	.....	5.2	3.7	3.5	6.0	.....	.....	1.1	31.3	2.4	2.7	2.9	16.9	10.0	.....	.....	.....	.....
1910..	6.4	7.1	5.6	.....	.....	4.9	3.2	3.3	5.1	.....	.....	1.2	31.3	2.5	2.6	3.0	16.9	10.2	.....	.....	.....	.....
1911..	6.0	6.5	5.4	.....	.....	5.0	3.2	3.5	6.6	4.1	.....	1.3	29.4	2.7	2.9	2.6	17.2	10.2	.....	.....	.....	.....
1912..	5.5	6.1	5.2	7.5	8.5	4.7	3.3	4.1	6.4	4.2	.....	1.2	28.6	2.9	2.6	3.0	16.7	10.0	.....	.....	.....	.....
1913..	4.8	5.2	4.8	6.7	7.4	4.2	3.0	3.6	5.8	4.1	.....	1.2	29.4	2.7	2.6	3.9	18.5	10.0	.....	.....	.....	.....
1914..	4.8	5.0	4.6	6.5	6.7	4.0	3.0	3.6	6.0	4.1	19.2	1.1	27.8	2.6	2.9	3.7	17.2	10.0	.....	.....	.....	.....
1915..	4.8	5.1	4.7	6.8	7.3	4.3	3.1	3.8	6.0	4.1	18.2	1.0	27.8	2.6	3.0	3.5	15.2	10.0	4.7	11.4	3.2	2.0
1916..	4.9	5.1	4.8	7.1	7.6	4.3	3.1	3.4	5.7	3.8	17.9	1.0	27.0	2.6	2.8	2.6	13.0	10.0	4.2	11.8	3.2	1.9

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	.....	.....	100	100	100	100	100	100	100	.....	.....	.....	.....	100
1908..	101	103	103	.....	.....	97	100	100	100	.....	.....	110	103	99	97	92	107	100	.....	.....	.....	.....	100
1909..	101	103	103	.....	.....	101	108	100	118	.....	.....	123	107	115	103	96	104	100	.....	.....	.....	.....	104
1910..	102	112	106	.....	.....	107	126	106	137	.....	.....	117	107	109	107	92	104	98	.....	.....	.....	.....	107
1911..	110	124	110	.....	.....	106	125	102	106	.....	.....	107	113	102	97	108	102	98	.....	.....	.....	.....	105
1912..	120	132	116	.....	.....	111	121	86	110	.....	.....	110	117	94	109	92	105	100	.....	.....	.....	.....	108
1913..	135	154	126	.....	.....	124	132	98	122	.....	.....	110	113	103	110	71	95	100	.....	.....	.....	.....	112
1914..	136	159	131	.....	.....	131	134	99	118	.....	.....	120	120	108	97	75	102	100	.....	.....	.....	.....	112
1915..	136	158	128	.....	.....	124	129	94	118	.....	.....	133	120	106	95	79	116	100	.....	.....	.....	.....	112
1916..	134	156	124	.....	.....	123	131	104	123	.....	.....	137	123	105	102	108	135	100	.....	.....	.....	.....	117

