

U. S. DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

ROYAL MEEKER, Commissioner

BULLETIN OF THE UNITED STATES }  
BUREAU OF LABOR STATISTICS } . . . . { No. 245

WAGES AND HOURS OF LABOR SERIES

UNION SCALE OF WAGES  
AND HOURS OF LABOR

MAY 15, 1917



MARCH, 1919

WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1919



## CONTENTS.

---

	Page.
Summary.....	5
Relative rates of wages and hours of labor.....	14
General indexes of union scales of wages and hours of labor and of retail prices of food.....	22
Union wage scales and retail prices of food in 13 cities.....	25
Table A.—Union scale of wages and hours of labor in each trade, by geographical divisions and cities, on May 15, 1917, and May 15, 1916.....	74
	3



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

---

NO. 245

WASHINGTON.

MARCH, 1919

---

## UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917.

### SUMMARY.

Organized labor received higher wages in 1917 than in any previous year. In all trades taken collectively the increase in weekly wage rates on May 15, 1917, over May 15, 1916, was 6 per cent; over 1914, 11 per cent; over 1913, 12 per cent; over 1910, 18 per cent; and over 1907, 23 per cent.

While wage rates have been increasing there has been a slight decrease in working time. In 1917 the regular hours of labor had decreased a little less than one-half of 1 per cent as compared with 1916; 1 per cent as compared with 1914; 2 per cent as with 1913; 3 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 1917 were 7 per cent higher than in 1916; 12 per cent higher than in 1914; 14 per cent higher than in 1913; 21 per cent higher than in 1910; and 27 per cent higher than in 1907.

Of 105 trades and occupations, or subdivisions and groups of trades and occupations, herein reported, 104 received an average increase in weekly rates in 1917 as compared with 1916 and 1 had no change. The bakery trades collectively received an increase of 8 per cent. All of the 17 brewery and bottling-house occupations listed in this report received an increase ranging from 1 to 7 per cent. Thirty-eight of the 39 building trades listed received an increase of from 1 to 11 per cent, the other, marble setters, remained at the rate paid in 1916. Chauffeurs received 5 per cent, teamsters and drivers 6 per cent, and those in the miscellaneous group of occupations within the chauffeurs, teamsters and drivers' unions a 2 per cent increase in weekly rates. Freight handlers received an increase of 2 per cent. Granite cutters had an increase of 4 per cent, and stone cutters 5 per cent. All the metal trades made gains ranging from 6 per

cent for boiler makers' helpers to 13 per cent for core makers. Millwork carpenters had an increase of 5 per cent, glaziers 7 per cent, and millwork painters (hardwood finishers) 1 per cent. In book and job printing the increases ranged from 1 per cent for machine tenders and machinist operators to 9 per cent for photo-engravers. In newspaper printing trades the increases ranged from 1 per cent for machine tenders on night work, and pressmen (web presses) on night work, to 5 per cent for photo-engravers on day work. In the soft-drink establishment groups the increases ranged from 5 to 10 per cent in the several occupations. The largest gains are shown in the group of metal trades. Core makers received an increase of 13 per cent over 1916, iron molders and pattern makers each received an increase of 12 per cent, and the group as a whole gained 10 per cent over the rates per week paid in 1916. This substantial gain may be attributed to the great increase in the volume of machine-shop work throughout the country, both on war orders and for other uses, causing a sharp demand for machinists and other metal workers.

The hours per week are stated in this report for 107 trades and occupations, or subdivisions and groups of trades and occupations. Of this number 34 had a reduction of hours between May 15, 1916, and May 16, 1917, and 71 had no change. Two piecework occupations had an increase of 2 per cent in working hours.

The foregoing statements apply to each trade, or subdivision or group, collectively. They must not be understood, however, as applying to each and every local union in the trade.

There are 6,970 wage quotations tabulated for 1917, of which 294 show no comparable data for 1916, either because there were no effective scales in 1916 or because the unions were not then organized. Of the 6,676 scales for which there were comparable data for 1916, 3,046 had not changed during the year, and 3,630 had changed in rates or hours, or in both of these items. There are only 42 instances of a reduction in weekly earnings in 1917 as compared with 1916, 16 instances of reductions in rates per hour, and 32 instances of an increase in hours of labor. Of the 32 instances of increase in hours of labor, 16 occurred in the chauffeurs, teamsters and drivers' unions, 6 in the metal trades, 5 in the building trades, 3 in newspaper printing trades, 1 in the book and job printing trades, and 1 in the brewery and bottling-house workmen's organizations.

While the increase in the rates of wages of organized labor in 1917 over 1916 was greater than the increase in any other one-year interval as far back as 1907, the increase in 1917 fell short of the increase in the retail price of food in the year. In 1917 the yearly average retail price of food as a whole was 28 per cent higher than in 1916, 45 per cent higher than in 1915, 46 per cent higher than in 1913, 57 per cent

higher than in 1910, and 78 per cent higher than in 1907. As retail prices of food increased to a greater extent 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  $7\frac{1}{2}$  per cent in 1916 as compared with 1915. In 1917 wage scales were still further advanced but retail prices of food increased sufficiently to reduce the purchasing power of wages about  $17\frac{1}{2}$  per cent in the year. The figures comparing wages and retail prices are given on pages 61 to 73.

This bulletin presents in Table A, pages 74 to 313, the union scales of wages and hours of labor prevailing on May 15, 1917, of 803,095 union members in the principal trades and occupations in 56 important industrial cities in the United States. For ready comparison different scales prevailing on May 15, 1916, are shown in parallel columns. *In cases where the scales on May 15, 1916, were identical with those prevailing on May 15, 1917, the 1916 figures are not printed. This omission enables the reader to see at a glance whether a change occurred without reading all figures for both years.*

This is the sixth bulletin published by the Bureau of Labor Statistics on the subject of union scales of wages and hours of labor. The scales for 39 cities as prevailing on May 15 of each year from 1907 to 1912 were published in Bulletin No. 131. In Bulletin No. 143 were published the scales for 40 cities on May 15, 1913; in Bulletin No. 171 were published the scales for 41 cities on May 1, 1914; in Bulletin No. 194 were published the scales for 47 cities on May 1, 1915; and in Bulletin No. 214 were published the scales for 48 cities on May 15, 1916.

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 56 cities included in this report are located in 35 States. The cities selected are generally the largest in their respective sections of the country. Within these 56 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:

- Boston, Mass.
- \*Bridgeport, Conn.
- Buffalo, N. Y.
- Fall River, Mass.
- Manchester, N. H.
- Newark, N. J.
- New Haven, Conn.
- New York, N. Y.
- Philadelphia, Pa.
- Pittsburgh, Pa.
- Providence, R. I.
- \*Rochester, N. Y.
- Scranton, Pa.
- \*Springfield, Mass.
- \*Worcester, Mass.

South Atlantic Division:

- Atlanta, Ga.
- Baltimore, Md.
- Charleston, S. C.
- Jacksonville, Fla.
- Richmond, Va.
- Washington, D. C.

North Central division:

- Chicago, Ill.
- Cincinnati, Ohio.
- Cleveland, Ohio.
- \*Columbus, Ohio.
- \*Davenport, Iowa.
- \*Des Moines, Iowa.
- Detroit, Mich.

North Central division—Concluded.

- \*Grand Rapids, Mich.
- Indianapolis, Ind.
- Kansas City, Mo.
- Milwaukee, Wis.
- Minneapolis, Minn.
- \*Moline, Ill.
- Omaha, Nebr.
- \*Peoria, Ill.
- \*Rock Island, Ill.
- St. Louis, Mo.
- \*St. Paul, Minn.
- \*Wichita, Kans.

South Central division:

- Birmingham, Ala.
- Dallas, Tex.
- \*Houston, Tex.
- Little Rock, Ark.
- Louisville, Ky.
- Memphis, Tenn.
- \*Nashville, Tenn.
- New Orleans, La.

Western division:

- \*Butte, Mont.
- Denver, Colo.
- Los Angeles, Cal.
- Portland, Oreg.
- Salt Lake City, Utah.
- San Francisco, Cal.
- Seattle, Wash.
- \*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 scales are 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 trades were added in Bulletin No. 194, a few in Bulletin No. 214, and in this bulletin four trades have been included for the first time—mosaic and terrazzo workers, ship carpenters, glaziers, and photo-engravers.

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 1917, as compared with each of the 10 years preceding, in all cities covered, taken collectively.

TABLE 1.—PER CENT OF INCREASE IN RATES OF WAGES PER WEEK FULL TIME, 1917 COMPARED WITH EACH OF THE 10 YEARS PRECEDING.

Occupation.	Per cent higher in 1917 than in—									
	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916
<b>BAKERY TRADES.</b>										
Bakers.....	34	31	26	24	20	18	14	12	11	8
<b>BREWERY AND BOTTLING-HOUSE WORKMEN.</b>										
Bottlers.....	(1)	(1)	(1)	(1)	(1)	(1)	13	10	6	5
Brewers.....	(1)	(1)	(1)	(1)	(1)	(1)	10	8	7	5
Chauffeurs and drivers.....	(1)	(1)	(1)	(1)	(1)	(1)	10	8	7	5
Coopers.....	(1)	(1)	(1)	(1)	(1)	(1)	11	10	10	7
Elevator men.....	(1)	(1)	(1)	(1)	(1)	(1)	7	5	5	5
Engineers.....	(1)	(1)	(1)	(1)	(1)	(1)	9	7	6	5
Firemen.....	(1)	(1)	(1)	(1)	(1)	(1)	8	6	5	3
Labelers, bottle beer.....	(1)	(1)	(1)	(1)	(1)	(1)	16	14	11	6
Labors.....	(1)	(1)	(1)	(1)	(1)	(1)	11	9	7	2
Maltsters.....	(1)	(1)	(1)	(1)	(1)	(1)	6	5	4	2
Oilers.....	(1)	(1)	(1)	(1)	(1)	(1)	8	6	4	1
Packers, bottle beer.....	(1)	(1)	(1)	(1)	(1)	(1)	8	6	6	3
Stablemen.....	(1)	(1)	(1)	(1)	(1)	(1)	13	10	9	6
Washers.....	(1)	(1)	(1)	(1)	(1)	(1)	9	8	8	1
Washhousemen.....	(1)	(1)	(1)	(1)	(1)	(1)	10	9	7	5
Watchmen.....	(1)	(1)	(1)	(1)	(1)	(1)	10	9	8	5
Miscellaneous occupations.....	(1)	(1)	(1)	(1)	(1)	(1)	11	10	6	3
<b>BUILDING TRADES.</b>										
Asbestos workers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7	5
Bricklayers.....	10	10	9	9	10	8	6	4	4	3
Bricklayers, sewer, tunnel, and caisson.....	(1)	(1)	(1)	(1)	(1)	(1)	3	3	3	3
Building laborers.....	19	19	19	18	18	16	12	11	12	7
Carpenters.....	25	24	23	20	19	16	15	13	12	9
Carpenters, millwrights.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5	4
Carpenters, parquetry-floor layers.....	(1)	(1)	(1)	(1)	(1)	(1)	16	10	9	8
Cement finishers.....	15	16	13	12	8	8	6	6	5	5
Cement finishers' helpers.....	21	20	15	13	7	7	5	5	5	4
Cement finishers' laborers.....	28	30	16	14	14	13	9	10	10	6
Composition roofers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8	6
Composition roofers' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8	1
Elevator constructors.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9	6
Elevator constructors' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8	5
Engineers, portable and hoisting.....	(1)	(1)	(1)	(1)	(1)	(1)	8	6	5	5
Hod carriers.....	20	20	20	19	18	18	17	15	15	11
Inside wiremen.....	25	18	18	16	15	14	12	9	7	6
Inside wiremen, fixture hanger.....	(1)	(1)	(1)	(1)	(1)	(1)	17	17	14	9
Lathers.....	(1)	(1)	(1)	(1)	(1)	(1)	11	9	7	6
Marble-setters.....	12	11	11	10	9	9	2	1	(2)	(2)
Marble-setters' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	13	7	6	6
Mosaic and terrazzo workers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5
Painters.....	33	29	28	24	22	21	16	12	12	3
Painters, fresco.....	(1)	(1)	(1)	(1)	(1)	(1)	17	16	12	1
Painters, sign.....	(1)	(1)	(1)	(1)	(1)	(1)	6	6	6	4
Plasterers.....	10	11	10	9	9	7	6	5	5	3
Plasterers' laborers.....	21	16	15	15	15	14	11	9	9	7
Plumbers and gas fitters.....	16	15	13	13	9	9	5	5	4	3
Sheet-metal workers.....	27	24	23	19	16	15	11	7	5	4
Ship carpenters.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9
Slate and tile roofers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	12	7
Steam fitters.....	24	23	20	17	13	12	9	8	6	4
Steam fitters' helpers.....	33	31	30	22	19	15	12	11	8	6
Stone masons.....	15	14	13	14	14	13	9	6	5	4
Structural-iron workers.....	21	20	19	16	13	12	9	7	7	6
Structural-iron workers, finishers.....	(1)	(1)	(1)	(1)	(1)	(1)	10	8	6	5
Structural-iron workers, finishers' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	10	8	8	7
Tile layers.....	(1)	(1)	(1)	(1)	(1)	(1)	11	6	5	4
Tile layers' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	10	8	7	2
<b>CHAUFFEURS, TEAMSTERS, AND DRIVERS.</b>										
Chauffeurs.....	(1)	(1)	(1)	(1)	(1)	(1)	9	8	8	5
Teamsters and drivers.....	(1)	(1)	(1)	(1)	(1)	(1)	12	10	10	6
Miscellaneous occupations.....	(1)	(1)	(1)	(1)	(1)	(1)	7	5	5	2
<b>FREIGHT HANDLERS.</b>										
Freight handlers.....	(1)	(1)	(1)	(1)	(1)	(1)	19	16	16	2

<sup>1</sup> No data.<sup>2</sup> No change.

TABLE 1.—PER CENT OF INCREASE IN RATES OF WAGES PER WEEK, FULL TIME,  
1917 COMPARED WITH EACH OF THE 10 YEARS PRECEDING—Concluded.

Occupation.	Per cent higher in 1917 than in—									
	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916
<b>GRANITE AND STONE TRADES.</b>										
Granite cutters.....	18	18	16	15	15	14	9	9	8	4
Stonecutters.....	14	14	14	14	13	13	10	6	5	5
<b>METAL TRADES.</b>										
Blacksmiths.....	23	20	19	16	16	14	12	10	9	7
Blacksmiths' helpers.....	41	29	28	22	22	22	19	17	15	11
Boiler makers.....	27	25	24	19	12	12	11	10	10	7
Boiler makers' helpers.....	27	27	27	24	20	12	11	11	11	6
Core makers.....	42	42	43	36	30	29	21	20	19	13
Machinists.....	33	31	30	26	24	24	23	21	21	9
Machinists' helpers.....	(1)	(1)	(1)	(1)	(1)	(1)	17	17	17	9
Metal polishers and buffers.....	(1)	(1)	(1)	(1)	(1)	(1)	16	16	15	10
Molders, iron.....	34	35	35	29	27	26	20	19	19	12
Pattern makers, wood.....	32	30	28	26	25	23	19	19	19	12
<b>MILLWORK.</b>										
Carpenters.....	(1)	(1)	(1)	(1)	(1)	8	7	9	8	5
Glaziers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7
Painters, hardwood finishers.....	(1)	(1)	(1)	(1)	(1)	23	22	18	13	1
<b>PRINTING AND PUBLISHING: BOOK AND JOB.</b>										
Bindery women.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7
Bookbinders.....	16	15	14	14	12	11	8	7	7	2
Compositors.....	21	20	20	15	12	10	7	5	4	2
Electrotypes:										
Battery men and builders.....	34	34	33	27	21	18	15	10	7	4
Finishers and molders.....	22	22	22	21	15	14	12	8	6	3
Linotype operators.....	13	13	13	11	9	7	4	3	3	3
Machine tenders.....	(1)	(1)	(1)	(1)	(1)	5	4	3	1	
Machinist operators.....	(1)	(1)	(1)	(1)	(1)	(1)	4	3	3	1
Photo-engravers.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9
Press feeders.....	23	22	21	19	14	12	10	7	7	5
Pressmen, cylinder.....	20	20	12	11	9	7	6	3	3	3
Pressmen, platen.....	19	19	17	15	13	11	9	8	7	5
<b>PRINTING AND PUBLISHING: NEWSPAPER.</b>										
Compositors, daywork.....	17	16	15	12	9	7	5	4	3	3
Compositors, night work.....	11	11	10	8	7	5	4	3	2	2
Linotype operators, daywork.....	15	12	12	10	8	7	5	4	3	3
Linotype operators, night work.....	11	10	10	8	7	6	4	4	3	3
Machine tenders, daywork.....	(1)	(1)	(1)	(1)	(1)	3	2	2	2	2
Machine tenders, night work.....	(1)	(1)	(1)	(1)	(1)	2	2	2	1	1
Machinist operators, daywork.....	(1)	(1)	(1)	(1)	(1)	(1)	4	4	4	2
Machinist operators, night work.....	(1)	(1)	(1)	(1)	(1)	(1)	3	3	3	3
Photo-engravers, daywork.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5
Photo-engravers, night work.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4
Pressmen, web presses, daywork.....	17	15	14	9	8	6	4	4	3	2
Pressmen, web presses, night work.....	8	8	8	7	5	3	3	2	1	
Stereotypers, daywork.....	20	17	15	13	13	11	5	4	4	3
Stereotypers, night work.....	15	14	13	12	12	11	4	3	3	2
<b>SOFT-DRINK ESTABLISHMENT EMPLOYEES.</b>										
Bottlers.....	(1)	(1)	(1)	(1)	(1)	(1)	13	12	9	5
Chauffeurs and drivers.....	(1)	(1)	(1)	(1)	(1)	(1)	12	12	10	10
Miscellaneous occupations.....	(1)	(1)	(1)	(1)	(1)	(1)	25	18	15	9

<sup>1</sup> No date.

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 work. 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 1917 has been made for two trades—machinists and newspaper compositors. The figures follow:

Machinists:

	Per cent.
Manufacturing and jobbing shops—	
Receiving the scale.....	64.2
Receiving more than the scale.....	35.3
Receiving less than the scale.....	0.5
Railroad shops—	
Receiving the scale.....	90.5
Receiving more than the scale.....	9.4
Receiving less than the scale.....	0.1
Compositors, newspaper:	
Receiving the scale.....	90.1
Receiving more than the scale.....	9.8
Receiving less than the scale.....	0.1

Agreements sometimes provide that old or infirm men may work for less than the scale.

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 was sometimes found that a union had asked for a certain standard scale but had not actually obtained it or had obtained it for only a part of its members. No scale is published here unless it was so far established that at least 50 per cent of the members of the union were receiving the scale, or above it. Information obtained on this question indicates that an insignificant number of union members were working for less than the scale, while a considerable number were re-

ceiving more than the scale, as mentioned above. Some trades were not organized in certain cities, and some were organized only in part. When organized in part, with a scale in force for such men as were 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 terms of time-rate scales as agreed to by employers and trade-unions 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 per hour, the rates per week, full time, the rates for overtime, Sunday, and holiday work, the regular hours for a full day, for Saturday, and for a full week, 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 the year the number of hours differed from those shown for May, the difference has been noted in the table.

All information here published was obtained by special agents of this bureau in personal visits to business agents and secretaries of the respective unions in the several cities, except in Massachusetts and Ohio. The labor bureaus of these two States collect union wage scale figures and publish reports on the subject. To avoid duplication of field work these State bureaus consented to furnish copies of so much of their original data as was desired by this office. All of the material collected by the Ohio bureau was obtained by personal visits of special agents. The Massachusetts bureau collected its data in part by correspondence and in part by sending out special agents. In the work of this bureau and of the two State bureaus wage scales, written agreements, and trade-union records were consulted wherever available. The field work involved an interview with the officials of about 2,000 local unions. 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. 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 of chauffeurs, teamsters, and drivers, and of book-binding, and presswork occupations, making comparison of city with city quite difficult; and similar conditions, less in degree, are found in several other trades.

General Table A, pages 74 to 313, shows 3,630 instances of changes in scales during the year ending May 15, 1917, either as to wage rates, or hours, or both. A table is here given summarizing these 3,630 changes as they affected each of the three phases of the scale, wages per hour, earnings per week, and hours per week.

TABLE 2.—NUMBER OF INCREASES AND DECREASES IN RATES PER HOUR, EARNINGS PER WEEK, AND IN HOURS PER WEEK, AS INDICATED IN THE 3,630 CASES IN WHICH CHANGES WERE MADE IN ONE OR MORE OF THESE ITEMS DURING THE YEAR ENDING MAY 15, 1917.

Industry or occupation.	Total number of scales changed.	Wages per hour.			Earnings per week.			Hours per week.		
		Increase.	Decrease.	No change.	Increase.	Decrease.	No change.	Increase.	Decrease.	No change.
Bakery trades.....	281	281	.....	.....	273	.....	8	.....	47	234
Brewery and bottling-house workers.....	296	295	1	.....	285	.....	11	1	59	236
Building trades.....	778	1,769	4	5	1,750	19	9	5	82	691
Chauffeurs, teamsters, and drivers.....	420	417	3	.....	403	5	12	16	59	345
Freight handlers.....	24	24	.....	.....	24	.....	.....	6	18	.....
Granite and stone trades.....	34	34	.....	.....	34	.....	.....	1	33	.....
Metal trades.....	764	754	1	9	748	9	7	6	79	679
Millwork.....	62	61	1	.....	57	3	2	.....	15	47
Printing and publishing: Book and job.....	593	2,582	3	6	2,582	3	6	1	4	588
Printing and publishing: Newspaper.....	349	4,349	.....	.....	4,348	.....	1	3	24	322
Soft-drink establishment employees.....	29	29	.....	.....	29	.....	.....	8	21	.....
Total.....	3,630	3,595	3	16	3,533	3	42	55	384	3,214

<sup>1</sup> Including 14 instances of piece rates.

<sup>2</sup> Including 1 instance of piece rates.

<sup>3</sup> Including 2 instances of piece rates.

<sup>4</sup> Includes 6 instances of piece rates.

<sup>5</sup> Includes 21 instances of piece rates.

From the foregoing table it is seen that of the 281 changes reported in the bakery trade scales, all effected an increase in wages per hour; 273 resulted in an increase in the earnings per week, and 8 made no change in earnings, the increase in the hourly rate being offset by a reduction in the number of hours worked; and 47 produced a decrease and 234 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 five trade groups all the changes in the wages per hour were increases, and that for the six other trade groups there were collectively only 16 instances of decreases in wages per hour. For six trade groups all the changes in the earnings per week were increases, and for five trade groups there were collectively but 42 instances of decreases in earnings. For five trade groups all the changes in the hours per week were decreases, and for six trade groups there were collectively only 32 instances of increases in hours.

Expressed in percentages, of the total of 3,630 changes, 99 per cent resulted in increases, and 0.4 per cent in decreases in the wages per hour; 97.3 per cent made increases and 1.2 per cent decreases in the earnings per week; and 0.9 per cent made increases and 10.6 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 32 exceptions the changes made were reductions.

Each agent in his visit to a city made note of all changes in scales which had taken place after May 15 up to the time of his visit, and each union official visited was asked to report by letter any changes occurring later in the year.

Many agreements contain provisions for changes to take place on dates subsequent to those on which the agreements were made, and some provide for successive changes to become effective at specified intervals until a stated limit is reached.

All changes after May 15 in the year 1917 coming to the knowledge of the bureau are indicated by footnotes in General Table A.

#### RELATIVE RATES OF WAGES AND HOURS OF LABOR.

A table of relative numbers (percentages) has been computed to show for all cities taken collectively the extent of the changes that have occurred from year to year in the occupations included in the report. To make it convenient to compare war conditions with normal conditions closely preceding the war it was deemed desirable to use as the base, or 100, the figures for 1913 instead of the latest year reported, as has been the practice in recent bulletins on union wages. Occupations for which the bureau has no figures as far back as 1913 are omitted from the table, since the figures for 1913

are used as a base. The change in weekly rates in such occupations may be followed, however, in Table 1.

Referring to Table 3, which follows, it is seen that the average rate of wages per week on full time for all bakers in 1917 was 114 per cent of the average rate in 1913, or 14 per cent higher. The rate in 1907 was 85 per cent of the rate in 1913; thus from 1907 to 1917 the relative number changed from 85 to 114. This explanation will apply to all the years and all the relative numbers in the table.

These relative numbers were derived from the actual wages and hours in all the localities reported. All figures used are from local unions which supplied comparable data. In making the computations the actual wages and hours of each trade in each city for 1916 and 1917, respectively, were weighted (multiplied) by the number of union members employed in the trade in the city in 1917. The products for the several cities were added together for each year, producing aggregate wages and hours for the trade in each of the years. The per cent of change in these aggregates indicates the change for the trade as a whole in the year. This percentage was then applied to the relative number for 1916, and preceding years computed in a similar way, which brings down to 1917 the relative number for each trade or occupation so computed.

It should be borne in mind that the relative numbers in Table 3 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 111 in 1907 to 98 in 1917, and that the relative rate of wages per hour increased from 76 in 1907 to 117 in 1917. The reduction in hours partly offsets the increase of wages per hour; thus the relative rates of wages per week increased from 85 in 1907 to 114 in 1917 as compared with 76 to 117, 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 85 as compared with 114 in 1917, making an increase of 29 points in the relative number. Twenty-nine is 34 per cent of 85, thus making the increase in 1917 over 1907, 34 per cent, as shown in Table 1, page 9.

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917.

(1913=100.)

Year.	Brewery and bottling-house workmen.											
	Bakers.			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.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	111	76	85									
1908.....	110	79	87									
1909.....	110	82	90									
1910.....	109	86	92									
1911.....	106	89	95									
1912.....	101	96	97									
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	99	102	102	100	103	103	100	102	102	100	102	102
1915.....	99	103	103	99	107	106	99	104	103	100	103	103
1916.....	98	107	105	98	110	108	99	106	105	100	105	105
1917.....	98	117	114	98	115	113	99	111	110	99	112	110
Brewery and bottling-house workmen—Continued.												
Coopers.			Elevator men.			Engineers.			Firemen.			
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	101	93	108	101	100	102	102	100	102	102
1915.....	100	101	101	85	119	102	99	103	103	99	104	103
1916.....	100	104	104	85	119	102	97	107	104	98	107	105
1917.....	100	111	111	84	126	107	97	113	109	98	110	108
Brewery and bottling-house workmen—Continued.												
Labelers, bottle beer.			Laborers.			Maltsters.			Oilers.			
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	102	102	100	101	101	96	104	101	100	102	102
1915.....	97	108	104	100	102	103	89	115	103	100	103	103
1916.....	97	113	109	100	108	109	89	116	104	100	107	107
1917.....	97	120	116	99	110	111	88	120	106	98	109	108
Brewery and bottling-house workmen—Continued.												
Packers, bottle beer.			Stablemen.			Washers.			Washhouse men.			
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	102	102	100	104	103	100	101	101	100	101	101
1915.....	95	106	102	100	105	104	98	102	101	99	104	103
1916.....	94	111	105	99	109	107	98	110	109	99	106	105
1917.....	94	114	108	97	118	113	99	110	109	99	111	110
Brewery and bottling-house workmen—Concluded.						Building trades.						
Watchmen.			Miscellaneous occupations.			Bricklayers.			Bricklayers, sewer, tunnel, and caisson.			
1907.....							102	94	97			
1908.....							102	95	97			
1909.....							102	95	97			
1910.....							101	97	97			
1911.....							100	97	97			
1912.....							100	98	98	100	100	100
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	101	101	101	100	101	101	100	102	102	100	100	100
1915.....	100	102	102	100	105	105	99	103	102	100	100	100
1916.....	100	105	105	99	109	108	99	104	103	100	100	100
1917.....	98	114	110	99	111	111	99	107	106	100	103	103

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES, PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917—Continued.

Year.	Building trades—Continued.											
	Building laborers.			Carpenters.			Carpenters, parquet-floor layers.			Cement finishers.		
	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	90	93	102	91	92	.....	.....	.....	102	91	93
1908.....	103	91	94	101	91	92	.....	.....	.....	102	91	91
1909.....	103	91	94	101	92	93	.....	.....	.....	102	93	94
1910.....	100	95	95	101	95	95	.....	.....	.....	102	94	95
1911.....	100	95	95	100	97	96	.....	.....	.....	101	98	98
1912.....	100	96	96	100	99	99	.....	.....	.....	101	98	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	101	100	102	102	100	106	106	99	101	100
1915.....	100	101	100	100	103	103	100	107	107	99	102	101
1916.....	99	106	104	99	106	106	100	108	108	98	103	101
1917.....	98	117	112	99	115	115	100	120	116	97	109	106
Building trades—Continued.												
.	Cement finishers' helpers.			Cement finishers, laborers.			Engineers, portable and hoisting.			Hod carriers.		
	101	86	87	102	84	85	.....	.....	.....	102	95	97
1908.....	100	88	88	101	83	84	.....	.....	.....	102	95	97
1909.....	100	91	92	101	94	94	.....	.....	.....	102	96	97
1910.....	100	93	93	100	96	96	.....	.....	.....	101	97	98
1911.....	100	99	99	100	96	96	.....	.....	.....	101	98	99
1912.....	100	99	99	100	96	96	101	97	98	100	99	99
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	100	100	100	100	100	101	101	99	101	101
1915.....	100	101	101	100	100	100	99	102	101	99	102	102
1916.....	100	102	101	100	103	103	99	103	101	99	105	105
1917.....	100	106	106	100	110	109	98	108	106	99	117	117
Building trades—Continued.												
.	Inside wiremen.			Inside wiremen fixture hangers.			Lathers.			Marble-setters.		
	101	89	90	.....	.....	.....	.....	.....	.....	102	90	91
1908.....	101	94	95	.....	.....	.....	.....	.....	.....	102	91	92
1909.....	101	94	95	.....	.....	.....	.....	.....	.....	101	91	92
1910.....	101	96	96	.....	.....	.....	.....	.....	.....	100	93	93
1911.....	101	97	97	102	95	98	.....	.....	.....	100	93	94
1912.....	100	98	98	102	96	98	100	100	98	100	94	94
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	103	103	99	106	105	100	102	102	100	101	101
1915.....	99	105	104	98	103	105	99	103	103	100	102	102
1916.....	98	107	106	96	110	107	99	106	105	100	102	102
1917.....	98	114	112	96	118	114	99	110	109	100	103	102
Building trades—Continued.												
.	Marble-setters' helpers.			Painters.			Painters, fresco.			Painters, sign.		
	.....	.....	.....	120	85	87	.....	.....	.....	.....	.....	.....
1907.....	.....	.....	.....	102	88	90	.....	.....	.....	.....	.....	.....
1908.....	.....	.....	.....	102	89	91	.....	.....	.....	.....	.....	.....
1909.....	.....	.....	.....	101	93	93	.....	.....	.....	.....	.....	.....
1910.....	.....	.....	.....	101	94	95	.....	.....	.....	.....	.....	.....
1911.....	.....	.....	.....	101	94	95	.....	.....	.....	.....	.....	.....
1912.....	100	95	95	101	95	96	100	98	99	.....	.....	.....
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	100	100	103	103	99	104	104	100	100	100
1915.....	100	101	100	100	104	104	99	104	104	99	100	100
1916.....	100	101	100	99	113	112	98	117	115	99	103	102
1917.....	100	107	107	98	117	116	98	118	116	99	107	106

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917—Continued.

Year.	Building trades—Continued.											
	Plasterers.			Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.		
	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	95	96	101	87	92	101	88	91	102	86	87
1908.....	101	95	95	101	91	95	101	89	91	102	88	89
1909.....	101	95	96	101	91	96	101	90	93	102	89	90
1910.....	101	97	97	101	92	97	101	91	94	102	91	93
1911.....	100	97	97	100	92	97	101	96	97	102	94	95
1912.....	100	99	99	100	93	97	100	97	97	100	96	96
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	100	100	97	102	100	101	101	100	104	104
1915.....	99	101	100	101	97	102	100	102	102	100	105	105
1916.....	98	105	103	100	99	104	99	103	102	99	107	106
1917.....	98	108	106	100	106	111	99	107	105	99	112	111
Building trades—Continued.												
	Steam fitters.			Steamfitters' helpers.			Stonemasons.			Structural-iron workers.		
	102	86	87	102	85	85	102	.92	95	104	87	90
	102	87	88	102	86	86	102	.94	96	103	89	91
1909.....	102	99	90	101	87	86	102	.94	96	103	90	92
1910.....	101	92	93	101	94	92	101	.95	95	102	93	94
1911.....	101	95	96	100	94	95	100	.96	96	102	95	96
1912.....	100	96	97	100	97	98	100	.97	97	100	97	97
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	99	102	101	101	102	102	100	103	103	100	102	102
1915.....	99	104	103	101	105	104	100	104	104	100	102	102
1916.....	99	106	105	100	106	106	100	106	105	100	104	103
1917.....	98	110	109	100	113	112	100	110	109	99	110	109
Building trades—Concluded.												
Structural-iron workers, finishers.	Structural-iron workers, finishers.			Structural-iron workers, finishers' helpers.			Tile layers.			Tile layers' helpers.		
	100	98	98	100	98	99	100	.95	96	100	98	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	102	102	100	101	101	100	101	101	100	101	101
1915.....	100	102	102	100	101	101	100	101	101	98	104	103
1916.....	100	104	104	100	101	101	99	103	102	98	108	106
1917.....	99	109	108	98	110	103	99	108	106	97	111	103
Chauffeurs, teamsters, and drivers.												
Freight handlers.	Chauffeurs.			Teamsters and drivers.			Miscellaneous occupations.					
	100	100	100	100	100	100	100	100	100	100	100	100
1913.....	100	101	101	100	102	102	100	101	101	100	103	103
1914.....	99	102	101	99	103	102	100	102	102	100	103	103
1915.....	97	106	104	99	107	106	99	105	104	100	116	117
1917.....	96	113	109	98	114	112	96	110	107	100	119	119

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917—Continued.

Year.	Granite and stone trades.						Metal trades.					
	Granite cutters.			Stone cutters.			Blacksmiths.			Blacksmiths' 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.....	102	91	92	100	96	96	103	88	91	103	82	84
1908.....	102	92	93	100	96	96	103	90	93	103	89	92
1909.....	102	93	94	100	96	96	102	92	94	102	91	93
1910.....	102	94	95	100	97	97	102	95	97	102	95	97
1911.....	102	94	95	100	97	97	101	95	96	101	96	97
1912.....	101	95	96	100	98	97	101	97	98	101	97	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	100	100	104	104	100	102	102	100	101	101
1915.....	100	101	101	100	105	105	100	102	102	100	104	104
1916.....	100	105	105	100	106	105	99	106	105	99	109	107
1917.....	100	109	109	100	111	110	99	114	112	98	122	119
Metal trades—Continued.												
	Boiler makers.			Boiler makers' helpers.			Core makers.			Machinists.		
	102	86	87	102	87	88	103	83	86	103	90	92
	101	87	88	102	87	88	103	83	86	103	91	94
1909.....	101	88	89	101	88	88	102	84	85	102	92	94
1910.....	101	93	93	100	90	90	101	88	89	102	96	98
1911.....	100	98	98	100	93	93	101	93	94	101	97	99
1912.....	100	99	99	100	99	99	101	94	94	100	98	99
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	100	100	100	101	100	100	101	101	99	102	101
1915.....	100	101	100	100	101	101	100	102	102	99	102	102
1916.....	97	106	103	98	108	105	99	109	108	97	116	112
1917.....	97	114	111	97	114	111	99	123	121	96	127	123
Metal trades—Concluded.												
	Machinists' helpers.			Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.		
							102	88	90	104	87	90
							102	88	89	103	89	92
1909.....							101	88	89	103	91	93
1910.....							101	92	93	101	93	95
1911.....							101	94	95	101	95	96
1912.....							101	95	95	101	96	97
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	100	100	100	100	100	100	101	101	99	101	100
1915.....	100	100	100	100	101	101	100	101	101	99	101	100
1916.....	100	107	107	97	108	105	98	110	107	99	108	107
1917.....	100	118	117	95	120	116	97	124	120	97	124	119
Millwork.												
	Carpenters.						Painters, hardwood finishers.					
	Bookbinders.			Compositors.			Printing and publishing: Book and job.					
1907.....							111	84	93	100	90	89
1908.....							101	93	94	100	90	89
1909.....							101	94	95	100	90	89
1910.....							100	95	95	100	94	93
1911.....							100	97	97	100	97	95
1912.....	100	99	99	100	99	99	100	98	98	100	99	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	97	102	98	99	105	104	100	102	102	100	103	103
1915.....	97	103	99	99	108	108	100	102	102	100	103	103
1916.....	95	107	102	99	122	121	100	102	102	100	105	105
1917.....	94	115	107	99	124	122	100	108	108	100	107	107

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917—Continued.

Year.	Printing and publishing: Book and job—Continued.											
	Electrotypers: Batterymen 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	84	86	105	88	92	100	92	92	-----	-----	-----
1908.....	103	84	86	104	89	92	100	92	92	-----	-----	-----
1909.....	102	85	87	104	89	92	100	92	92	-----	-----	-----
1910.....	101	90	90	101	92	93	100	94	94	-----	-----	-----
1911.....	100	96	96	100	97	97	100	95	95	-----	-----	-----
1912.....	100	97	97	100	98	98	100	97	97	100	98	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	105	105	100	104	104	100	101	101	100	100	100
1915.....	100	108	108	100	106	106	100	101	101	100	101	101
1916.....	100	111	111	100	109	109	100	102	102	100	101	102
1917.....	100	116	115	100	112	112	100	104	104	100	103	104
Printing and publishing: Book and job—Concluded.												
Machinist operators.			Press feeders.			Pressmen, cylinder.			Pressmen, platen.			
1907.....	-----	-----	-----	112	81	90	107	83	88	106	87	92
1908.....	-----	-----	-----	101	89	90	102	87	89	102	90	92
1909.....	-----	-----	-----	100	91	91	100	95	95	100	93	94
1910.....	-----	-----	-----	100	92	93	100	95	95	100	95	95
1911.....	-----	-----	-----	100	96	96	100	97	97	100	97	97
1912.....	-----	-----	-----	100	98	98	100	99	99	100	98	98
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	101	100	103	103	100	102	102	100	102	102
1915.....	100	101	101	100	103	103	100	102	102	100	102	102
1916.....	101	101	102	100	104	104	100	104	104	100	104	104
1917.....	101	103	104	100	135	110	100	106	106	100	109	109
Printing and publishing: Newspaper.												
Compositors, day-work.			Compositors, night work.			Linotype operators, daywork.			Linotype operators, daywork (piecework).			
1907.....	100	89	90	100	93	93	101	91	91	-----	-----	-----
1908.....	100	90	90	100	93	93	101	93	93	-----	-----	-----
1909.....	100	91	91	100	94	94	101	93	93	-----	-----	-----
1910.....	100	93	93	100	95	96	101	95	95	-----	-----	-----
1911.....	100	95	96	100	97	97	101	96	97	-----	-----	-----
1912.....	100	98	98	100	98	98	100	98	98	100	101	101
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	101	100	101	101	100	101	101	100	100	100
1915.....	100	102	101	100	101	101	100	102	102	100	100	100
1916.....	100	102	102	100	102	101	101	99	103	102	100	100
1917.....	100	105	105	100	104	104	99	106	105	102	101	101

<sup>1</sup> Based on price per 1,000 ems, nonpariel.

TABLE 3.—RELATIVE HOURS OF LABOR PER WEEK AND RELATIVE RATES OF WAGES PER HOUR AND PER WEEK ON FULL TIME, 1907 TO 1917—Concluded.

Year.	Printing and publishing: Newspaper—Continued.											
	Linotype operators, night work.			Linotype operators, night work (piece- work).			Machine tenders, daywork.			Machine tenders, night work.		
	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.....	100	93	94									
1908.....	100	94	95									
1909.....	100	95	95									
1910.....	100	96	97									
1911.....	100	97	97									
1912.....	100	98	99	100	101		100	99	100	100	100	100
1913.....	100	100	100	100	100		100	100	100	100	100	100
1914.....	100	101	101	100	100		100	101	100	100	100	100
1915.....	100	102	101	100	100		100	101	101	100	101	101
1916.....	100	102	101	99	100		100	101	101	100	101	101
1917.....	99	105	104	101	100		100	103	102	100	102	102
Printing and publishing: Newspaper—Continued.												
Machinist operators, daywork.	Machinist operators, night work.			Pressmen, web presses, daywork.			Pressmen, web presses, night work.					
							102	88	89	101	95	.95
							101	90	91	101	95	95
1907.....							100	92	91	101	95	96
1908.....							100	95	96	100	96	97
1909.....							100	96	96	100	97	97
1910.....							100	98	98	100	98	98
1911.....							100	100	100	100	100	100
1912.....							100	101	101	100	101	101
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	100	100	100	100	100	100	101	101	100	101	101
1915.....	100	100	100	100	100	100	100	101	101	100	101	101
1916.....	100	102	102	100	100	100	100	102	102	100	102	102
1917.....	100	104	104	99	104	103	100	104	104	100	103	103
Printing and publishing: Newspaper— Concluded.						Soft-drink establishment employees.						
Stereotypers, day- work.	Stereotypers, night work.			Bottlers.			Chauffeurs and drivers.					
1907.....	102	87	88	101	91	91						
1908.....	102	89	90	101	92	92						
1909.....	102	90	91	101	92	92						
1910.....	100	92	93	100	93	93						
1911.....	100	93	93	100	93	93						
1912.....	100	95	94	100	94	94						
1913.....	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	101	101	100	101	101	100	101	101	100	101	101
1915.....	100	101	101	100	101	101	99	105	104	100	102	102
1916.....	100	102	102	100	102	102	98	110	108	100	103	103
1917.....	100	105	105	100	105	104	97	117	113	100	112	112
Year.						Soft-drink establishment employees—Con.						
Miscellaneous occupations.												
1913.....							100	100	100			
1914.....							100	106	105			
1915.....							99	109	109			
1916.....							99	115	114			
1917.....							97	128	125			

<sup>1</sup> Based on price per 1,000 ems, nonpariel.

## GENERAL INDEXES OF UNION SCALES 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 changes 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 as compiled currently by this bureau. 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 4.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR AND OF RETAIL PRICES OF FOOD, 1907 to 1917.

(1913=100.)

Year.	Rates of wages per hour.	Full-time hours per week.	Rates of wages per week, full time.	Retail prices of food.
1907.....	90	103	92	82
1908.....	91	102	93	84
1909.....	92	102	93	89
1910.....	94	101	95	93
1911.....	96	101	96	92
1912.....	98	100	98	98
1913.....	100	100	100	100
1914.....	102	100	102	102
1915.....	103	99	102	101
1916.....	107	99	106	114
1917.....	114	98	112	146

Table 4 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 90 in 1907 to 114 in 1917, an increase of 27 per cent. Retail prices of food advanced from a relative of 82 in 1907 to 146 in 1917, an advance of 78 per cent. The advance in weekly wages between 1907 and 1917 was less than that 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 5 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 5. While wages and food have both advanced between 1907 and 1917, the advance in the retail price of food has been greater, hence the diminishing purchasing power of wages shown in the table.

TABLE 5.—INDEX NUMBERS OF PURCHASING POWER OF UNION WAGES AS MEASURED IN FOOD, 1907 TO 1917.

(1913=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.....	109	112
1908.....	108	110
1909.....	104	105
1910.....	102	102
1911.....	104	105
1912.....	100	100
1913.....	100	100
1914.....	100	99
1915.....	101	101
1916.....	94	93
1917.....	78	77

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 Tables 4 and 5 the figures for 1913 are made the base, as was done in Table 3, pages 16 to 21, in order that war conditions might be compared readily with normal conditions closely preceding the war.

As some readers may desire to start comparisons with the initial year, two tables of index numbers computed from the same basic figures are given with 1907 taken as the base, or 100.

TABLE 6.—INDEX NUMBERS OF UNION WAGE RATES AND HOURS OF LABOR AND OF RETAIL PRICES OF FOOD, 1907 TO 1917.

(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	123
1916.....	119	96	116	139
1917.....	127	96	123	178

TABLE 7.—INDEX NUMBERS OF PURCHASING POWER OF UNION WAGES AS MEASURED IN FOOD, 1907 TO 1917.

(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.....	93	91
1916.....	86	84
1917.....	71	69

## UNION WAGE SCALES AND RETAIL PRICES OF FOOD IN 13 CITIES.

That a comparison may be made of wage and price changes in a few of the large cities, figures have been compiled for certain selected trades and for the principal articles of food for the years 1907 to 1917. 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—Tables 8 and 9 relating to wage scales and Table 10 to retail prices of food. The 13 cities covered in each table are Atlanta, Baltimore, Boston, Chicago, Cincinnati, Denver, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, San Francisco, and Seattle. In the wage tables from 14 to 22 trades in the several cities are included. Retail prices for these cities 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 8 (p. 26) 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 Table 9, taken collectively. For each year, 1907 to 1917, inclusive, Table 9 (pp. 27 to 60) shows the wage rates per hour and per full week, and the hours of labor per week on full time for the trades presented in the 13 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 13 cities are given in alphabetical order, and under each city the trades covered are likewise presented in alphabetical order.

The retail price table (Table 10, pp. 61 to 73) 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 \$1 each year, and the third section presents relative numbers (in other words, percentages) showing a comparison of prices in each year with those of 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 8.—INDEX NUMBERS OF UNION SCALES OF WAGES PER HOUR AND PER WEEK AND HOURS OF LABOR PER WEEK PREVAILING IN MAY OF EACH YEAR, 1907 TO 1917, FOR ALL TRADES LISTED IN TABLE 9 TAKEN COLLECTIVELY.

Year.	Atlanta.			Baltimore.			Boston.			Chicago.		
	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.	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.	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	100	100	100
1908.....	103	104	100	99	99	100	101	130	99	100	100	100
1909.....	107	108	100	100	99	99	105	104	99	104	104	100
1910.....	108	109	100	100	99	99	111	197	98	109	108	99
1911.....	111	112	100	104	102	99	112	107	96	110	109	99
1912.....	112	113	100	104	102	99	114	103	93	115	113	99
1913.....	113	114	99	104	102	99	116	111	96	119	118	99
1914.....	116	113	98	107	100	93	121	116	96	121	120	99
1915.....	116	113	98	110	102	93	121	116	96	121	120	99
1916.....	120	116	98	110	102	93	126	118	94	125	124	99
1917.....	129	123	95	127	117	92	133	125	94	128	127	99
	Cincinnati.			Denver.			New Orleans.			New York.		
1907.....	100	100	100	100	100	100	100	100	100	100	100	100
1908.....	100	100	100	104	104	100	101	100	100	100	100	100
1909.....	101	101	100	108	107	100	106	104	99	100	100	100
1910.....	105	104	98	108	107	100	104	103	99	101	101	100
1911.....	107	105	98	110	109	99	104	103	99	102	102	100
1912.....	108	106	98	110	110	99	107	105	99	102	102	100
1913.....	112	109	98	111	110	99	107	105	98	103	103	100
1914.....	114	111	98	111	110	99	108	105	98	104	104	100
1915.....	118	115	98	111	110	99	106	103	98	104	104	100
1916.....	126	122	96	114	114	99	108	104	96	111	111	100
1917.....	132	128	96	127	125	99	114	103	94	117	117	100
	Philadelphia.			Pittsburgh.			St. Louis.			San Francisco.		
1907.....	100	100	100	100	100	100	100	100	100	100	100	100
1908.....	100	100	100	107	107	118	101	101	109	101	100	100
1909.....	100	100	100	108	108	100	104	104	100	101	100	99
1910.....	106	105	100	110	110	100	106	106	100	104	101	96
1911.....	107	107	100	112	108	96	110	110	100	104	101	95
1912.....	107	107	100	115	110	96	111	111	109	105	101	95
1913.....	107	107	100	122	115	95	112	112	109	105	101	95
1914.....	113	113	100	124	118	95	116	116	100	103	102	95
1915.....	114	113	99	131	124	95	117	117	100	103	102	95
1916.....	116	115	99	132	125	95	118	118	100	100	104	95
1917.....	127	126	99	146	138	94	122	123	100	114	109	95
	Seattle.											
1907.....	100	100	100									
1908.....	92	93	100									
1909.....	93	93	100									
1910.....	97	97	100									
1911.....	100	98	97									
1912.....	100	98	97									
1913.....	100	98	97									
1914.....	99	97	97									
1915.....	99	97	97									
1916.....	99	97	97									
1917.....	113	109	96									

From the figures in Table 8 and in Table 10 the comparative increase in rates of wages and in retail prices of food between 1907 and 1917 may be stated in percentage form, thus:

Atlanta.....	Weekly rates of wages increased 23 per cent.
	Retail prices of food increased 77 per cent.
Baltimore.....	Weekly rates of wages increased 17 per cent.
	Retail prices of food increased 87 per cent.
Boston.....	Weekly rates of wages increased 25 per cent.
	Retail prices of food increased 69 per cent.
Chicago.....	Weekly rates of wages increased 27 per cent.
	Retail prices of food increased 81 per cent.
Cincinnati.....	Weekly rates of wages increased 28 per cent.
	Retail prices of food increased 84 per cent.
Denver.....	Weekly rates of wages increased 25 per cent.
	Retail prices of food increased 66 per cent.
New Orleans.....	Weekly rates of wages increased 8 per cent.
	Retail prices of food increased 85 per cent.
New York.....	Weekly rates of wages increased 17 per cent.
	Retail prices of food increased 73 per cent.
Philadelphia.....	Weekly rates of wages increased 26 per cent.
	Retail prices of food increased 69 per cent.
Pittsburgh.....	Weekly rates of wages increased 38 per cent.
	Retail prices of food increased 78 per cent.
St. Louis.....	Weekly rates of wages increased 23 per cent.
	Retail prices of food increased 94 per cent.
San Francisco.....	Weekly rates of wages increased 9 per cent.
	Retail prices of food increased 46 per cent.
Seattle.....	Weekly rates of wages increased 9 per cent.
	Retail prices of food increased 59 per cent.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES.

#### ATLANTA, GA.

[The figures for compositors and linotype operators apply only to those working on English text.]

Year.	Blacksmiths, manufacturing and jobbing shops.						Boiler makers, manufacturing and jobbing shops.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			Rates of wages—		Hours of labor per week, full time.	Relative—		
	Per hour.	Per week, full time.					Per hour.	Per week, full time.				
1907.....	<i>Cents.</i>	\$16.20	54	100	100	100	30.0	\$16.20	54	100	100	100
1908.....	30.0	16.20	54	100	100	100	31.5	17.01	54	105	105	109
1909.....	31.5	17.01	54	105	105	100	32.0	17.28	54	107	107	109
1910.....	33.5	18.09	54	112	112	100	34.0	18.36	54	113	113	100
1911.....	35.0	18.90	54	117	117	100	38.0	20.52	54	127	127	100
1912.....	35.0	18.90	54	117	117	100	39.0	21.06	54	130	130	100
1913.....	37.5	20.25	54	125	125	100	40.0	21.60	54	133	133	100
1914.....	37.5	20.25	54	125	125	100	35.0	18.90	54	117	117	109
1915.....	37.5	20.25	54	125	125	100	35.0	18.90	54	117	117	109
1916.....	37.5	22.50	60	125	139	111	35.0	18.90	54	117	117	109
1917.....	39.0	23.40	60	130	144	111	44.0	22.00	50	147	136	93

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

ATLANTA, GA.—Continued.

Year.	Bricklayers.						Carpenters.					
	Rates of wages—		Relative—			Rates of wages—		Relative—				
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of labor 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>						<i>Cents.</i>					
1907.....	40.0	\$21.20	53	100	100	100	30.0	\$16.20	54	100	100	100
1908.....	45.0	23.85	53	113	113	100	30.0	16.20	54	100	100	100
1909.....	45.0	23.85	53	113	113	100	30.0	16.20	54	100	100	100
1910.....	45.0	23.85	53	113	113	100	30.0	16.20	54	100	100	100
1911.....	45.0	23.85	53	113	113	100	35.0	18.90	54	117	117	100
1912.....	45.0	23.85	53	113	113	100	35.0	18.90	54	117	117	100
1913.....	45.0	23.85	53	113	113	100	40.0	20.00	50	133	123	93
1914.....	45.0	22.50	50	113	106	94	40.0	20.00	50	133	123	93
1915.....	45.0	22.50	50	113	106	94	40.0	20.00	50	133	123	93
1916.....	50.0	25.00	50	125	118	94	40.0	20.00	50	133	123	93
1917.....	60.0	30.00	50	150	142	94	50.0	25.00	50	167	154	93
	Compositors, book and job.						Compositors, daywork, newspaper.					
1907.....	31.3	15.00	48	100	100	100	37.5	18.00	48	100	100	100
1908.....	31.3	15.00	48	100	100	100	37.5	18.00	48	100	100	100
1909.....	34.4	16.50	48	110	110	100	43.8	21.00	48	117	117	100
1910.....	34.4	16.50	48	110	110	100	43.8	21.00	48	117	117	100
1911.....	34.4	16.50	48	110	110	100	43.8	21.00	48	117	117	100
1912.....	34.4	16.50	48	110	110	100	43.8	21.00	48	117	117	100
1913.....	34.4	16.50	48	110	110	100	43.8	21.00	48	117	117	100
1914.....	37.5	18.00	48	120	120	100	43.8	21.00	48	117	117	100
1915.....	37.5	18.00	48	120	120	100	43.8	21.00	48	117	117	100
1916.....	37.5	18.00	48	120	120	100	43.8	21.00	48	117	117	100
1917.....	37.5	18.00	48	120	120	100	43.8	21.00	48	117	117	100
	Granite cutters, inside.						Linotype operators, book and job.					
1907.....	37.5	18.00	48	100	100	100	43.8	21.00	48	100	100	100
1908.....	37.5	18.00	48	100	100	100	43.8	21.00	48	100	100	100
1909.....	37.5	18.00	48	100	100	100	43.8	21.00	48	100	100	100
1910.....	40.0	19.20	48	107	107	100	43.8	21.00	48	100	100	100
1911.....	40.0	19.20	48	107	107	100	43.8	21.00	48	100	100	100
1912.....	40.0	19.20	48	107	107	100	43.8	21.00	48	100	100	100
1913.....	41.3	18.56	45	110	103	94	43.8	21.00	48	100	100	100
1914.....	41.3	18.56	45	110	103	94	43.8	21.00	48	100	100	100
1915.....	41.3	18.56	45	110	103	94	46.9	22.50	48	107	107	100
1916.....	50.0	22.00	44	133	122	92	46.9	22.50	48	107	107	100
1917.....	50.0	22.00	44	133	122	92	46.9	22.50	48	107	107	100
	Machinists, manufacturing shops.						Molders, iron.					
1907.....	30.0	18.00	60	100	100	100	30.0	18.00	60	100	100	100
1908.....	32.5	19.50	60	108	108	100	32.5	19.50	60	108	108	100
1909.....	32.5	19.50	60	108	108	100	32.5	19.50	60	108	108	100
1910.....	32.5	19.50	60	108	108	100	35.0	21.00	60	117	117	100
1911.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1912.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1913.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1914.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1915.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1916.....	35.0	21.00	60	117	117	100	35.0	21.00	60	117	117	100
1917.....	40.0	21.60	54	133	120	90	41.7	22.50	54	139	125	90

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 29

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

**ATLANTA, GA.—Concluded.**

Year.	Painters.						Plasterers.					
	Rates of wages—		Relative—			Rates of wages—		Relative—				
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.		
1907.....	Cents.	\$15.00	1 53	100	100	100	45.0	\$23.85	53	100	100	100
1908.....	27.8	15.00	1 53	100	100	100	45.0	23.85	53	100	100	100
1909.....	27.8	15.00	1 53	100	100	100	45.0	23.85	53	100	100	100
1910.....	30.7	16.59	1 53	111	111	100	45.0	23.85	53	100	100	100
1911.....	30.7	16.59	1 53	111	111	100	45.0	23.85	53	100	100	100
1912.....	33.3	18.00	1 53	120	120	100	45.0	23.85	53	100	100	100
1913.....	33.3	18.00	1 53	120	120	100	45.0	23.85	53	100	100	100
1914.....	33.3	18.00	1 53	120	120	100	45.0	23.85	53	100	100	100
1915.....	33.3	18.00	1 53	120	120	100	45.0	23.85	53	100	100	100
1916.....	33.3	18.00	1 53	120	120	100	45.0	23.85	53	100	100	100
1917.....	36.1	19.50	1 53	130	130	100	45.0	23.85	53	100	100	100
Plumbers and gas fitters.												
1907.....	40.0	21.60	1 53	100	100	100	50.0	24.00	48	100	100	100
1908.....	40.0	21.60	1 53	100	100	100	50.0	24.00	48	100	100	100
1909.....	40.0	21.60	1 53	100	100	100	50.0	24.00	48	100	100	100
1910.....	40.0	21.60	1 53	100	100	100	50.0	24.00	48	100	100	100
1911.....	40.0	21.60	1 53	100	100	100	50.0	24.00	48	100	100	100
1912.....	44.4	24.00	1 53	111	111	100	50.0	24.00	48	100	100	100
1913.....	44.4	24.00	1 53	111	111	100	50.0	24.00	48	100	100	100
1914.....	44.4	24.00	1 53	111	111	100	50.0	24.00	48	100	100	100
1915.....	44.4	24.00	1 53	111	111	100	50.0	24.00	48	100	100	100
1916.....	44.4	24.00	1 53	111	111	100	50.0	24.00	48	100	100	100
1917.....	44.4	24.00	1 53	111	111	100	50.0	22.00	44	100	92	92
Stonecutters.												
Structural-iron workers.												
1907.....	40.0	21.60	54	100	100	100						
1908.....	40.0	21.60	54	100	100	100						
1909.....	50.0	27.00	54	125	125	100						
1910.....	50.0	27.00	54	125	125	100						
1911.....	56.3	27.00	48	141	125	89						
1912.....	56.3	27.00	48	141	125	89						
1913.....	62.5	27.50	44	156	127	81						
1914.....	62.5	27.50	44	156	127	81						
1915.....	62.5	27.50	44	156	127	81						
1916.....	62.5	27.50	44	156	127	81						
1917.....	62.5	27.50	44	156	127	81						

**BALTIMORE, MD.**

	Boiler makers, manufacturing shops.						Bricklayers.					
	Cents.						Cents.					
1907.....	27.8	\$15.00	54	100	100	100	62.5	\$30.00	48	100	100	100
1908.....	30.6	16.50	54	110	110	100	62.5	30.00	48	100	100	100
1909.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	92
1910.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	94
1911.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	94
1912.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	94
1913.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	94
1914.....	30.6	16.50	54	110	110	100	62.5	28.13	2 45	100	94	94
1915.....	30.6	16.50	54	110	110	100	70.0	31.50	2 45	112	105	94
1916.....	30.6	16.50	54	110	110	100	70.0	31.50	2 45	112	105	94
1917.....	48.0	23.76	49 <sub>2</sub>	173	158	92	75.0	33.00	44	120	110	94

<sup>1</sup> Work 53 hours, paid for 54

<sup>2</sup> 44 hours November to March, inclusive.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

BALTIMORE, MD.—Continued.

Year.	Carpenters.						Compositors, book and job.						
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	Hours of labor per week, full time.	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.	
1907.....	Cents.	\$21.00	48	100	100	100	Cents.	\$15.40	48	100	100	100	
1908.....	43.8	21.00	48	100	100	100	32.1	15.40	48	100	100	100	
1909.....	43.8	21.00	48	100	100	100	32.1	15.40	48	100	100	100	
1910.....	43.8	21.00	48	100	100	100	35.4	17.00	48	110	110	100	
1911.....	43.8	21.00	48	100	100	100	37.5	18.00	48	117	117	100	
1912.....	43.8	21.00	48	100	100	100	37.5	18.00	48	117	117	100	
1913.....	43.8	21.00	48	100	100	100	37.5	18.00	48	117	117	100	
1914.....	43.8	19.25	1 44	100	92	92	37.5	18.00	48	117	117	100	
1915.....	43.8	19.25	1 44	100	92	92	37.5	18.00	48	117	117	100	
1916.....	43.8	19.25	1 44	100	92	92	47.5	18.00	48	117	117	100	
1917.....	50.0	22.00	44	114	105	92	43.8	21.00	48	136	136	100	
Compositors, daywork, newspaper.													
1907.....	50.0	21.00	42	100	100	100	45.0	20.03	44 1/2	100	130	100	
1908.....	50.0	21.00	42	100	100	100	45.0	20.03	44 1/2	100	100	100	
1909.....	50.0	21.00	42	100	100	100	45.0	20.03	44 1/2	100	100	100	
1910.....	50.0	21.00	42	100	100	100	45.0	20.03	44 1/2	100	100	100	
1911.....	50.0	21.00	42	100	100	100	45.0	20.03	44 1/2	100	100	100	
1912.....	50.0	21.00	42	100	100	100	50.0	22.00	44	111	110	99	
1913.....	50.0	21.00	42	100	100	100	50.0	22.00	44	111	110	99	
1914.....	57.1	24.00	42	114	114	100	50.0	22.00	44	111	110	99	
1915.....	59.5	25.00	42	119	119	100	50.0	22.00	44	111	110	99	
1916.....	59.5	25.00	42	119	119	100	50.0	22.00	44	111	110	99	
1917.....	61.9	26.00	42	124	124	100	50.0	22.00	44	111	110	99	
Granite cutters, outside.													
1907.....	50.0	22.25	44 1/2	100	100	100	31.3	15.00	48	100	100	100	
1908.....	50.0	22.25	44 1/2	100	100	100	31.3	15.00	48	100	100	100	
1909.....	50.0	22.25	44 1/2	100	100	100	31.3	14.06	2 45	100	94	94	
1910.....	50.0	22.25	44 1/2	100	100	100	31.3	14.06	2 45	100	94	94	
1911.....	50.0	22.25	44 1/2	100	100	100	31.3	14.06	2 45	100	94	94	
1912.....	56.3	24.75	44	113	111	99	31.3	14.06	2 45	100	94	94	
1913.....	56.3	24.75	44	113	111	99	31.3	14.06	2 45	100	94	94	
1914.....	56.3	24.75	44	113	111	99	31.3	14.06	2 45	100	94	94	
1915.....	56.3	24.75	44	113	111	99	34.4	15.47	2 45	110	103	94	
1916.....	56.3	24.75	44	113	111	99	34.4	15.47	2 45	110	103	94	
1917.....	56.3	24.75	44	113	111	99	40.0	17.60	44	128	117	92	
Granite cutters, inside.													
1907.....	31.3	15.00	48	100	100	100	31.3	15.00	48	100	100	100	
1908.....	31.3	15.00	48	100	100	100	31.3	14.06	2 45	100	94	94	
1909.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1910.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1911.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1912.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1913.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1914.....	31.3	14.06	2 45	100	100	100	31.3	14.06	2 45	100	94	94	
1915.....	34.4	15.47	2 45	110	103	94	34.4	15.47	2 45	110	103	94	
1916.....	34.4	15.47	2 45	110	103	94	40.0	17.60	44	128	117	92	
Hod carriers.													
1907.....	Linotype operators, book and job.	Linotype operators, daywork, newspaper.											
1907.....	53.6	22.50	42	100	100	100	53.6	22.50	42	100	100	100	
1908.....	53.6	22.50	42	100	100	100	53.6	22.50	42	100	100	100	
1909.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1910.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1911.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1912.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1913.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1914.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1915.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1916.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1917.....	48	100	100	100	100	100	53.6	22.50	42	100	100	100	
1907.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1908.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1909.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1910.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1911.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1912.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1913.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1914.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1915.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1916.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	
1917.....	57.1	24.00	48	114	114	100	57.1	24.00	42	107	107	100	

<sup>1</sup> 48 hours November to March, inclusive.

<sup>2</sup> 44 hours November to March, inclusive.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

BALTIMORE, MD.—Concluded.

Year.	Machinists, manufacturing shops.							Molders, iron.							
	Rates of wages—			Relative—			Rates of wages—			Hours of labor per week, full time.			Relative—		
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of wages per hour.	Per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of wages per hour.	Hours of labor per week, full time.
Cents.							Cents.								
1907.....	30.6	\$16.50	54	100	100	100	32.2	\$17.40	54	100	100	100	100	100	100
1908.....	30.6	16.50	54	100	100	100	32.2	17.40	54	100	100	100	100	100	100
1909.....	30.6	16.50	54	100	100	100	32.2	17.40	54	100	100	100	100	100	100
1910.....	30.6	16.50	54	100	100	100	32.2	17.40	54	100	100	100	100	100	100
1911.....	33.3	18.00	54	109	109	100	36.1	19.50	54	112	112	100	100	100	100
1912.....	33.3	18.00	54	109	109	100	36.1	19.50	54	112	112	100	100	100	100
1913.....	33.3	18.00	54	109	109	100	36.1	19.50	54	112	112	100	100	100	100
1914.....	37.5	18.00	48	123	109	89	36.1	19.50	54	112	112	100	100	100	100
1915.....	37.5	18.00	48	123	109	89	36.1	19.50	54	112	112	100	100	100	100
1916.....	37.5	18.00	48	123	109	89	36.1	19.50	54	112	112	100	100	100	100
1917.....	47.0	22.56	48	154	137	89	46.9	22.50	48	146	129	89	89	89	89
Painters.															
1907.....	37.5	18.00	48	100	100	100	62.5	30.00	48	100	100	100	100	100	100
1908.....	37.5	18.00	48	100	100	100	50.0	24.00	48	80	80	100	100	100	100
1909.....	37.5	18.00	48	100	100	100	56.3	27.00	48	90	90	100	100	100	100
1910.....	37.5	18.00	48	100	100	100	56.3	27.00	48	90	90	100	100	100	100
1911.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1912.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1913.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1914.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1915.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1916.....	37.5	18.00	48	100	100	100	62.5	27.50	44	100	92	92	92	92	92
1917.....	43.8	21.00	48	117	117	100	68.8	30.25	44	110	101	100	100	100	100
Plumbers and gas fitters.															
1907.....	43.8	21.00	48	109	100	100	40.6	19.50	48	100	100	100	100	100	100
1908.....	43.8	21.00	48	100	100	100	43.8	21.00	48	108	108	100	100	100	100
1909.....	43.8	21.00	48	100	100	100	43.8	21.00	48	108	108	100	100	100	100
1910.....	43.8	21.00	48	100	100	100	43.8	21.00	48	108	108	100	100	100	100
1911.....	50.0	24.00	48	114	114	100	43.8	21.00	48	108	108	100	100	100	100
1912.....	50.0	24.00	48	114	114	100	43.8	21.00	48	108	108	100	100	100	100
1913.....	50.0	24.00	48	114	114	100	46.9	22.50	48	115	115	100	100	100	100
1914.....	50.0	24.00	48	114	114	100	46.9	22.50	48	115	115	100	100	100	100
1915.....	50.0	24.00	48	114	114	100	46.9	22.50	48	115	115	100	100	100	100
1916.....	50.0	24.00	48	114	114	100	46.9	22.50	48	115	115	100	100	100	100
1917.....	56.3	24.75	44	129	118	92	46.9	22.50	48	115	115	100	100	100	100
Structural-iron workers.															
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.....	56.3	27.00	48	113	113	100									
1912.....	56.3	27.00	48	113	113	100									
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									
1917.....	62.5	27.50	44	125	115	92									

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## BOSTON, MASS.

Year.	Bricklayers.								Carpenters.				
	Rates of wages—		Relative—				Rates of wages—		Hours of labor per week, full time.			Relative—	
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Per hour.	Per week, full time.	Rates of wages per hour.	Per week, full time.	
	<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>		
1907.....	60.0	\$26.40	44	100	100	100	43.8	\$21.00	48	100	100	100	
1908.....	60.0	26.40	44	100	100	100	43.8	21.00	48	100	100	100	
1909.....	60.0	26.40	44	100	100	100	47.8	22.92	48	109	109	100	
1910.....	60.0	26.40	44	100	100	100	50.0	22.00	44	114	105	92	
1911.....	60.0	26.40	44	100	100	100	50.0	22.00	44	114	105	92	
1912.....	60.0	26.40	44	100	100	100	50.0	22.00	44	114	105	92	
1913.....	65.0	28.60	44	108	108	100	50.0	22.00	44	114	105	92	
1914.....	65.0	28.60	44	108	108	100	55.0	24.20	44	126	115	92	
1915.....	65.0	28.60	44	108	108	100	55.0	24.20	44	126	115	92	
1916.....	65.0	28.60	44	108	108	100	57.0	25.08	44	130	119	92	
1917.....	70.0	30.80	44	117	117	100	60.0	26.40	44	137	126	92	
	Cement finishers.								Compositors, book and job.				
1907.....	50.0	24.00	48	100	100	100	37.5	18.00	48	100	100	100	
1908.....	50.0	24.00	48	100	100	100	37.5	18.00	48	100	100	100	
1909.....	50.0	24.00	48	100	100	100	37.5	18.00	48	100	100	100	
1910.....	50.0	24.00	48	100	100	100	39.6	19.00	48	106	106	100	
1911.....	60.0	28.80	48	120	120	100	41.7	20.00	48	111	111	100	
1912.....	60.0	28.80	48	120	120	100	41.7	20.00	48	111	111	100	
1913.....	62.5	30.00	48	125	125	100	41.7	20.00	48	111	111	100	
1914.....	62.5	27.50	44	125	115	92	43.8	21.00	48	117	117	100	
1915.....	62.5	27.50	44	125	115	92	43.8	21.00	48	117	117	100	
1916.....	62.5	27.50	44	125	115	92	43.8	21.00	48	117	117	100	
1917.....	62.5	27.50	44	125	115	92	45.8	22.00	48	122	122	100	
	Compositors, daywork, newspaper.								Electrotypers: Finishers.				
1907.....	61.0	25.62	42	100	100	100	41.7	22.50	54	100	100	100	
1908.....	61.0	25.62	42	100	100	100	41.7	22.50	54	109	100	100	
1909.....	61.0	25.62	42	100	100	100	41.7	22.50	54	100	100	100	
1910.....	61.0	25.62	42	100	100	100	46.9	22.50	48	112	100	89	
1911.....	61.0	25.62	42	100	100	100	46.9	22.50	48	112	100	89	
1912.....	63.0	26.46	42	103	103	100	50.0	24.00	48	120	107	89	
1913.....	63.0	26.46	42	103	103	100	50.0	24.00	48	120	107	89	
1914.....	63.0	26.46	42	103	103	100	50.0	24.00	48	120	107	89	
1915.....	63.0	26.46	42	103	103	100	50.0	24.00	48	120	107	89	
1916.....	63.0	26.46	42	103	103	100	50.0	24.00	48	120	107	89	
1917.....	68.0	28.56	42	111	111	100	50.0	24.00	48	120	107	89	
	Electrotypers: Molders.								Gas fitters.				
1907.....	44.4	24.00	54	100	100	100	37.5	18.00	48	100	100	100	
1908.....	44.4	24.00	54	100	100	100	45.0	21.60	48	120	120	100	
1909.....	44.4	24.00	54	100	100	100	45.0	21.60	48	120	120	100	
1910.....	50.0	24.00	48	113	100	89	45.0	21.60	48	120	120	100	
1911.....	50.0	24.00	48	113	100	89	45.0	21.60	48	120	120	100	
1912.....	50.0	24.00	48	113	100	89	50.0	22.00	44	133	122	92	
1913.....	50.0	24.00	48	113	100	89	50.0	22.00	44	133	122	92	
1914.....	50.0	24.00	48	113	100	89	55.0	24.20	44	147	134	92	
1915.....	50.0	24.00	48	113	100	89	55.0	24.20	44	147	134	92	
1916.....	50.0	24.00	48	113	100	89	60.0	26.40	44	160	147	92	
1917.....	50.0	24.00	48	113	100	89	65.0	28.60	44	173	158	92	

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

BOSTON, MASS.—Continued.

Year.	Hod carriers.						Linotype operators, daywork, newspaper.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
Cents.							Cents.					
1907.....	30.0	\$13.20	44	100	100	100	61.0	\$25.62	42	100	100	100
1908.....	30.0	13.20	44	100	100	100	61.0	25.62	42	100	100	100
1909.....	30.0	13.20	44	100	100	100	61.0	25.62	42	100	100	100
1910.....	35.0	15.40	44	117	117	100	61.0	25.62	42	100	100	100
1911.....	35.0	15.40	44	117	117	100	61.0	25.62	42	100	100	100
1912.....	35.0	15.40	44	117	117	100	63.0	26.46	42	103	103	100
1913.....	35.0	15.40	44	117	117	100	63.0	26.46	42	103	103	100
1914.....	35.0	15.40	44	117	117	100	63.0	26.46	42	103	103	100
1915.....	35.0	15.40	44	117	117	100	63.0	26.46	42	103	103	100
1916.....	35.0	15.40	44	117	117	100	63.0	26.46	42	103	103	100
1917.....	40.0	17.60	44	133	133	100	68.0	28.56	42	111	111	100
Molders, iron.												
1907.....	33.3	18.00	54	100	100	100	39.5	18.96	48	100	100	100
1908.....	33.3	18.00	54	100	100	100	41.0	18.04	44	104	95	92
1909.....	33.3	18.00	54	100	100	100	41.0	18.04	44	104	95	92
1910.....	36.1	19.50	54	108	108	100	45.5	20.00	44	115	105	92
1911.....	36.1	19.50	54	108	108	100	45.5	20.00	44	115	105	92
1912.....	36.1	19.50	54	108	108	100	50.0	22.00	44	127	116	92
1913.....	38.9	21.00	54	117	117	100	50.0	22.00	44	127	116	92
1914.....	38.9	21.00	54	117	117	100	55.0	24.20	44	139	128	92
1915.....	38.9	21.00	54	117	117	100	55.0	24.20	44	139	128	92
1916.....	44.4	24.00	54	133	133	100	60.5	24.20	40	153	128	83
1917.....	50.0	27.00	54	150	150	100	62.5	25.00	40	158	132	83
Plasterers.												
1907.....	60.0	26.40	44	100	100	100	34.0	14.96	44	100	100	100
1908.....	60.0	26.40	44	100	100	100	38.0	16.72	44	112	112	100
1909.....	65.0	28.60	44	108	108	100	38.0	16.72	44	112	112	100
1910.....	65.0	28.60	44	108	108	100	40.0	17.60	44	118	118	100
1911.....	65.0	28.60	44	108	108	100	40.0	17.60	44	118	118	100
1912.....	65.0	28.60	44	108	108	100	40.0	17.60	44	118	118	100
1913.....	65.0	28.60	44	108	108	100	41.5	18.26	44	122	122	100
1914.....	65.0	28.60	44	108	108	100	41.5	18.26	44	122	122	100
1915.....	65.0	28.60	44	108	108	100	41.5	18.26	44	122	122	100
1916.....	70.0	28.00	40	117	106	91	45.0	18.00	40	132	120	91
1917.....	70.0	28.00	40	117	106	91	45.0	18.00	40	132	120	91
Plumbers.												
Stereotypers, daywork, newspaper.												
1907.....	50.0	24.00	48	100	100	100	57.1	24.00	42	100	100	100
1908.....	50.0	24.00	48	100	100	100	57.1	24.00	42	100	100	100
1909.....	55.0	26.40	48	110	110	100	57.1	24.00	42	100	100	100
1910.....	55.0	26.40	48	110	110	100	57.1	24.00	42	100	100	100
1911.....	55.0	24.20	44	110	101	92	57.1	24.00	42	100	100	100
1912.....	60.0	26.40	44	120	110	92	57.1	24.00	42	100	100	100
1913.....	60.0	26.40	44	120	110	92	59.5	25.00	42	104	104	100
1914.....	65.0	28.60	44	130	119	92	59.5	25.00	42	104	104	100
1915.....	65.0	28.60	44	130	119	92	59.5	25.00	42	104	104	100
1916.....	65.0	28.60	44	130	119	92	64.3	27.00	42	113	113	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

BOSTON, MASS.—Continued.

Year.	Stonecutters, inside.						Structural-iron workers.					
	Rates of wages—		Relative—			Rates of wages—		Hours of labor per week, full time.			Relative—	
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	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.	
1907.....	Cents.	\$24.00	48	100	100	100	Cents.	\$21.60	48	100	100	100
1908.....	50.0	24.00	48	100	100	100	45.0	21.60	48	100	100	100
1909.....	50.0	24.00	48	100	100	100	50.0	24.00	48	111	111	100
1910.....	50.0	24.00	48	100	100	100	50.0	22.00	44	111	102	92
1911.....	50.0	24.00	48	100	100	100	56.3	24.75	44	125	115	92
1912.....	50.0	22.00	44	100	92	92	56.3	24.75	44	125	115	92
1913.....	56.3	24.75	44	113	103	92	62.5	27.50	44	139	127	92
1914.....	56.3	24.75	44	113	103	92	62.5	27.50	44	139	127	92
1915.....	56.3	24.75	44	113	103	92	62.5	27.50	44	139	127	92
1916.....	56.3	24.75	44	113	103	92	62.5	27.50	44	139	127	92
1917.....	62.5	27.50	44	125	115	92	68.8	30.25	44	153	140	92

#### CHICAGO, ILL.

	Blacksmiths, manufacturing shops.						Boiler makers.					
	Cents.	\$18.56	49½	100	100	100	Cents.	\$18.56	49½	100	100	100
1907.....	37.5	\$18.56	49½	100	100	100	37.5	\$18.56	49½	100	100	100
1908.....	37.5	18.56	49½	100	100	100	37.5	18.56	49½	100	100	100
1909.....	37.5	18.56	49½	100	100	100	37.5	18.56	49½	100	100	100
1910.....	40.0	19.80	49½	107	107	100	40.0	19.80	49½	107	107	100
1911.....	40.0	19.80	49½	107	107	100	40.0	19.80	49½	107	107	100
1912.....	40.0	19.80	49½	107	107	100	40.0	19.80	49½	107	107	100
1913.....	43.2	21.38	49½	115	115	100	40.0	21.60	54	107	116	109
1914.....	43.2	21.38	49½	115	115	100	40.0	21.60	54	107	116	109
1915.....	43.2	21.38	49½	115	115	100	40.0	21.60	54	107	116	109
1916.....	46.2	22.87	49½	123	123	100	40.0	21.60	54	107	116	109
1917.....	56.0	26.88	48	149	145	97	42.0	22.68	54	112	122	109
Bricklayers.						Carpenters.						
1907.....	62.5	30.00	48	100	100	100	56.3	24.75	44	100	100	100
1908.....	62.5	30.00	48	100	100	100	56.3	24.75	44	100	100	100
1909.....	67.5	32.40	48	108	108	100	56.3	24.75	44	100	100	100
1910.....	67.5	29.70	44	108	99	92	60.0	26.40	44	107	107	100
1911.....	67.5	29.70	44	108	99	92	60.0	26.40	44	107	107	100
1912.....	72.5	31.90	44	116	106	92	63.0	28.60	44	116	116	100
1913.....	75.0	33.00	44	120	110	92	65.0	28.60	44	116	116	100
1914.....	75.0	33.00	44	120	110	92	65.0	28.60	44	116	116	100
1915.....	75.0	33.00	44	120	110	92	65.0	28.60	44	116	116	100
1916.....	75.0	33.00	44	120	110	92	70.0	30.80	44	124	124	100
1917.....	75.0	33.00	44	120	110	92	70.0	30.80	44	124	124	100
Cement finishers.						Compositors, book and job.						
1907.....	56.3	24.75	44	100	100	100	40.6	19.50	48	100	100	100
1908.....	56.3	24.75	44	100	100	100	40.6	19.50	48	100	100	100
1909.....	57.5	25.30	44	102	102	100	40.6	19.50	48	100	100	100
1910.....	57.5	25.30	44	102	102	100	43.8	21.00	48	108	108	100
1911.....	62.5	27.50	44	111	111	100	46.9	22.50	48	115	115	100
1912.....	62.5	27.50	44	111	111	100	46.9	22.50	48	115	115	100
1913.....	65.0	28.60	44	116	116	100	46.9	22.50	48	115	115	100
1914.....	65.0	28.60	44	116	116	100	50.0	24.00	48	123	123	100
1915.....	65.0	28.60	44	116	116	100	50.0	24.00	48	123	123	100
1916.....	65.0	28.60	44	116	116	100	50.0	24.00	48	123	123	100
1917.....	67.5	29.70	44	120	120	100	50.0	24.00	48	123	123	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## CHICAGO, ILL.—Continued.

Year.	Compositors, daywork, newspaper.						Electrotypers: Finishers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
Cents.							Cents.					
1907.....	55.0	\$24.75	45	100	100	100	45.8	\$22.00	48	100	100	100
1908.....	55.0	24.75	45	100	100	100	45.8	22.00	48	100	100	100
1909.....	55.0	24.75	45	100	100	100	45.8	22.00	48	100	100	100
1910.....	55.0	24.75	45	100	100	100	45.8	22.00	48	100	100	100
1911.....	62.0	27.90	45	113	113	100	45.8	22.00	48	100	100	100
1912.....	62.0	27.90	45	113	113	100	45.8	22.00	48	100	100	100
1913.....	62.0	27.90	45	113	113	100	49.0	23.50	48	107	107	100
1914.....	62.0	27.90	45	113	113	100	52.1	25.00	48	114	114	100
1915.....	62.0	27.90	45	113	113	100	52.1	25.00	48	114	114	100
1916.....	62.0	27.90	45	113	113	100	52.1	25.00	48	114	114	100
1917.....	62.0	27.90	45	113	113	100	56.3	27.00	48	123	123	100
Electrotypers: Molders.												
Granite cutters, inside.												
1907.....	52.1	25.00	48	100	100	100	37.5	18.00	48	100	100	100
1908.....	52.1	25.00	48	100	100	100	40.6	19.50	48	108	108	100
1909.....	52.1	25.00	48	100	100	100	40.6	19.50	48	108	108	100
1910.....	52.1	25.00	48	100	100	100	40.6	19.50	48	108	108	100
1911.....	52.1	25.00	48	100	100	100	40.6	19.50	48	108	108	100
1912.....	52.1	25.00	48	100	100	100	40.6	19.50	48	108	108	100
1913.....	54.2	26.00	48	104	104	100	50.0	22.00	44	133	122	92
1914.....	56.3	27.00	48	108	108	100	50.0	22.00	44	133	122	92
1915.....	56.3	27.00	48	108	108	100	50.0	22.00	44	133	122	92
1916.....	56.3	27.00	48	108	108	100	53.1	23.38	44	142	130	92
1917.....	60.4	29.00	48	116	116	100	56.3	24.75	44	150	138	92
Granite cutters, outside.												
Linotype operators, book and job.												
1907.....	56.3	24.75	44	100	100	100	50.0	24.00	48	100	100	100
1908.....	56.3	24.75	44	100	100	100	50.0	24.00	48	100	100	100
1909.....	56.3	24.75	44	100	100	100	50.0	24.00	48	100	100	100
1910.....	56.3	24.75	44	100	100	100	50.0	24.00	48	100	100	100
1911.....	56.3	24.75	44	100	100	100	50.0	24.00	48	190	100	100
1912.....	56.3	24.75	44	100	100	100	50.0	24.00	48	100	100	100
1913.....	62.5	27.50	44	111	111	100	50.0	24.60	45	100	100	100
1914.....	62.5	27.50	44	111	111	100	50.0	24.00	45	100	100	100
1915.....	62.5	27.50	44	111	111	100	50.0	24.00	45	100	100	100
1916.....	62.5	27.50	44	111	111	100	50.0	24.00	45	100	100	100
1917.....	75.0	33.00	44	133	133	100	50.0	24.00	45	100	100	100
Machinists, manufacturing and jobbing shops.												
Molders, iron.												
1907.....	36.1	17.88	49½	100	100	100	36.1	19.50	54	100	100	100
1908.....	36.1	17.88	49½	100	100	100	36.1	19.50	54	100	100	100
1909.....	39.0	19.31	49½	108	108	100	36.1	19.50	54	100	100	100
1910.....	39.0	19.31	49½	108	108	100	38.9	21.00	54	108	108	100
1911.....	39.0	19.31	49½	108	108	100	38.9	21.00	54	108	108	100
1912.....	39.0	19.31	49½	108	108	100	38.9	21.00	54	108	108	100
1913.....	39.0	21.06	54	108	118	109	44.4	24.00	54	123	123	100
1914.....	{ 41.7 43.5	{ 22.50 20.88	{ 54 48	115	126	109 } { 44.4 44.4	24.00	54	123	123	123	100
1915.....	{ 41.7 43.5	{ 22.50 20.88	{ 54 48	115	126	109 } { 44.4 44.4	24.00	54	123	123	123	100
1916.....	{ 45.0 46.9	{ 24.30 22.51	{ 54 48	125	136	109 } { 50.0 50.0	24.00	48	139	123	89	
1917.....	{ 45.0 55.0	{ 24.30 26.40	{ 54 48	125	136	109 } { 56.3 56.3	27.00	48	156	139	89	

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

CHICAGO, ILL.—Concluded.

Year.	Painters.						Plasterers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>						<i>Cents.</i>					
1907.....	50.0	\$22.00	44	100	100	100	68.8	\$30.25	44	100	100	100
1908.....	50.0	22.00	44	100	100	100	68.8	30.25	44	100	100	100
1909.....	55.0	24.20	44	110	110	100	68.8	30.25	44	100	100	100
1910.....	60.0	26.40	44	120	120	100	68.8	30.25	44	100	100	100
1911.....	60.0	26.40	44	120	120	100	68.8	30.25	44	100	100	100
1912.....	60.0	26.40	44	120	120	100	75.0	33.00	44	109	109	100
1913.....	65.0	28.60	44	130	130	100	75.0	33.00	44	109	109	100
1914.....	70.0	30.80	44	140	140	100	75.0	33.00	44	109	109	100
1915.....	70.0	30.80	44	140	140	100	75.0	33.00	44	109	109	100
1916.....	70.0	30.80	44	140	140	100	75.0	33.00	44	109	109	100
1917.....	72.5	31.90	44	145	145	100	75.0	33.00	44	109	109	100
	Plasterers' laborers.						Plumbers and gas fitters.					
1907.....	40.0	17.60	44	100	100	100	62.5	27.50	44	100	100	100
1908.....	40.0	17.60	44	100	100	100	65.0	28.60	44	104	104	100
1909.....	45.0	19.80	44	113	113	100	65.0	28.60	44	104	104	100
1910.....	45.0	19.80	44	113	113	100	68.8	30.25	44	110	110	100
1911.....	45.0	19.80	44	113	113	100	68.8	30.25	44	110	110	100
1912.....	45.0	19.80	44	113	113	100	68.8	30.25	44	110	110	100
1913.....	48.0	21.12	44	120	120	100	75.0	33.00	44	120	120	100
1914.....	50.0	22.00	44	125	125	100	75.0	33.00	44	120	120	100
1915.....	50.0	22.00	44	125	125	100	75.0	33.00	44	120	120	100
1916.....	50.0	22.00	44	125	125	100	75.0	33.00	44	120	120	100
1917.....	50.0	22.00	44	125	125	100	75.0	33.00	44	120	120	100
	Stereotypers, daywork, newspapers.						Stonecutters.					
1907.....	48.4	22.50	46½	100	100	100	56.3	24.75	44	100	100	100
1908.....	54.9	25.50	46½	113	113	100	56.3	24.75	44	100	100	100
1909.....	54.9	25.50	46½	113	113	100	56.3	24.75	44	100	100	100
1910.....	54.9	25.50	46½	113	113	100	56.3	24.75	44	100	100	100
1911.....	58.1	27.00	46½	120	120	100	62.5	27.50	44	111	111	100
1912.....	58.1	27.00	46½	120	120	100	62.5	27.50	44	111	111	100
1913.....	56.3	27.00	48	116	120	103	62.5	27.50	44	111	111	100
1914.....	56.3	27.00	48	116	120	103	62.5	27.50	44	111	111	100
1915.....	56.3	27.00	48	116	120	103	62.5	27.50	44	111	111	100
1916.....	56.3	27.00	48	116	120	103	62.5	27.50	44	111	111	100
1917.....	56.3	27.00	48	116	120	103	70.0	30.80	44	124	124	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						
1917.....	69.0	30.36	44	115	115	100						

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## CINCINNATI, OHIO.

Year.	Bricklayers.						Boiler makers, shopmen.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
Cents.							Cents.					
1907.....	60.0	\$27.00	45	100	100	100	33.5	\$18.00	54	100	100	100
1908.....	60.0	27.00	45	100	100	100	33.5	18.00	54	100	100	100
1909.....	60.0	27.00	45	100	100	100	35.0	18.90	54	104	104	100
1910.....	62.5	28.13	45	104	104	100	35.0	18.90	54	104	104	100
1911.....	62.5	28.13	45	104	104	100	35.0	18.90	54	104	104	100
1912.....	65.0	29.25	45	108	108	100	40.0	21.60	54	119	119	100
1913.....	65.0	29.25	45	108	108	100	40.0	21.60	54	119	119	100
1914.....	65.0	29.25	45	108	108	100	35.0	17.33	49 $\frac{1}{2}$	104	96	92
1915.....	70.0	31.50	45	117	117	100	35.0	17.33	49 $\frac{1}{2}$	104	96	92
1916.....	70.0	31.50	45	117	117	100	35.0	17.33	49 $\frac{1}{2}$	104	96	92
1917.....	75.0	33.75	45	125	125	100	38.0	18.81	49 $\frac{1}{2}$	113	96	92
Carpenters.												
1907.....	45.0	20.03	44 $\frac{1}{2}$	100	100	100	37.5	18.00	48	100	100	100
1908.....	45.0	20.03	44 $\frac{1}{2}$	100	100	100	37.5	18.00	48	100	100	100
1909.....	45.0	20.03	44 $\frac{1}{2}$	100	100	100	37.5	18.00	48	100	100	100
1910.....	50.0	22.25	44 $\frac{1}{2}$	111	111	100	37.5	18.00	48	100	100	100
1911.....	50.0	22.25	44 $\frac{1}{2}$	111	111	100	37.5	18.00	48	100	100	100
1912.....	50.0	22.25	44 $\frac{1}{2}$	111	111	100	37.5	18.00	48	100	100	100
1913.....	50.0	22.25	44 $\frac{1}{2}$	111	111	100	40.6	19.50	48	108	108	100
1914.....	50.0	22.25	44 $\frac{1}{2}$	111	111	100	43.8	21.00	48	117	117	100
1915.....	55.0	24.48	44 $\frac{1}{2}$	122	122	100	43.8	21.00	48	117	117	100
1916.....	60.0	26.70	44 $\frac{1}{2}$	133	133	100	43.8	21.00	48	117	117	100
1917.....	62.5	27.80	44 $\frac{1}{2}$	139	139	100	46.9	22.50	48	125	125	100
Compositors, daywork, newspaper.												
Electrotypers: Finishers.												
1907.....	50.0	24.00	48	100	100	100	37.5	18.00	48	100	100	100
1908.....	50.0	24.00	48	100	100	100	37.5	18.00	48	100	100	100
1909.....	52.1	25.00	48	104	104	100	37.5	18.00	48	100	100	100
1910.....	52.4	25.00	47 $\frac{1}{2}$	105	104	99	37.5	18.00	48	100	100	100
1911.....	52.4	25.00	47 $\frac{1}{2}$	105	104	99	37.5	18.00	48	100	100	100
1912.....	52.4	25.00	47 $\frac{1}{2}$	105	104	99	42.8	21.00	48	117	117	100
1913.....	52.4	25.00	47 $\frac{1}{2}$	105	104	99	43.8	21.00	48	117	117	100
1914.....	54.2	26.00	48	108	108	100	45.8	22.00	48	122	122	100
1915.....	56.3	27.00	48	113	113	100	45.8	22.00	48	122	122	100
1916.....	56.3	27.00	48	113	113	100	45.8	22.00	48	122	122	100
1917.....	56.3	27.00	48	113	113	100	45.8	22.00	48	122	122	100
Electrotypers: Molders.												
Granite cutters, outside.												
1907.....	43.8	21.00	48	100	100	100	45.5	21.84	48	100	100	100
1908.....	43.8	21.00	48	100	100	100	43.5	21.84	48	100	100	100
1909.....	43.8	21.00	48	100	100	100	43.5	21.84	48	100	100	100
1910.....	43.8	21.00	48	100	100	100	43.5	21.84	48	100	100	100
1911.....	43.8	21.00	48	100	100	100	50.0	24.00	48	110	110	100
1912.....	47.9	23.00	48	109	110	100	50.0	24.00	48	110	110	100
1913.....	47.9	23.00	48	109	110	100	56.3	25.31	45	124	116	94
1914.....	50.0	24.00	48	114	114	100	56.3	25.31	45	124	116	94
1915.....	50.0	24.00	48	114	114	100	62.5	27.00	44	124	113	92
1916.....	50.0	24.00	48	114	114	100	62.5	27.00	44	137	124	92
1917.....	50.0	24.00	48	114	114	100	62.5	27.00	44	137	124	92

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

CINCINNATI, OHIO—Continued.

Year.	Hod carriers.						Linotype operators, book and job.					
	Rates of wages—		Relative—			Rates of wages—		Relative—				
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time, f.t.e.	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
1907.....	<i>Cents.</i>	\$16.88	45	100	100	100	<i>Cents.</i>	\$22.00	48	100	100	100
1908.....	37.5	16.88	45	100	100	100	45.8	22.00	48	100	100	100
1909.....	37.5	16.88	45	100	100	100	45.8	22.00	48	100	100	100
1910.....	37.5	16.88	45	100	100	100	45.8	22.00	48	100	100	100
1911.....	37.5	16.88	45	100	100	100	45.8	22.00	48	100	100	100
1912.....	42.5	19.13	45	113	113	100	45.8	22.00	48	100	100	100
1913.....	42.5	19.13	45	113	113	100	49.0	23.50	48	107	107	100
1914.....	42.5	19.13	45	113	113	100	52.1	25.00	48	114	114	100
1915.....	42.5	19.13	45	113	113	100	52.1	25.00	48	114	114	100
1916.....	42.5	19.13	45	113	113	100	52.1	25.00	48	114	114	100
1917.....	42.5	19.13	45	113	113	100	54.2	26.00	48	118	118	100
Linotype operators, day work, newspaper.												
1907.....	50.0	24.00	48	100	100	100	30.0	16.50	55	100	100	100
1908.....	50.0	24.00	48	100	100	100	30.0	16.50	55	100	100	100
1909.....	52.1	25.00	48	104	104	100	30.0	16.50	55	100	100	100
1910.....	52.4	25.00	47 <sub>2</sub>	105	104	99	30.0	16.50	55	100	100	100
1911.....	52.4	25.00	47 <sub>2</sub>	105	104	99	30.0	16.50	55	100	100	100
1912.....	52.4	25.00	47 <sub>2</sub>	105	104	99	30.0	16.50	55	100	100	100
1913.....	52.4	25.00	47 <sub>2</sub>	105	104	99	30.0	16.50	55	100	100	100
1914.....	54.2	26.00	48	108	108	100	32.5	17.06	52 <sub>3</sub>	108	103	95
1915.....	56.3	27.00	48	113	113	100	32.5	17.06	52 <sub>3</sub>	108	103	95
1916.....	56.3	27.00	48	113	113	100	35.0	16.80	48	117	102	87
1917.....	56.3	27.00	48	113	113	100	42.0	20.16	48	140	122	87
Molders, iron.												
1907.....	35.6	19.20	54	100	100	100	40.0	19.20	48	100	100	100
1908.....	35.6	19.20	54	100	100	100	40.0	19.20	48	100	100	100
1909.....	35.6	19.20	54	100	100	100	42.5	20.40	48	106	106	100
1910.....	35.6	19.20	54	100	100	100	43.2	19.00	44	108	99	92
1911.....	36.1	19.50	54	101	102	100	45.0	19.80	44	113	103	92
1912.....	36.1	19.50	54	101	102	100	45.0	19.80	44	113	103	92
1913.....	36.1	19.50	54	101	102	100	50.0	22.00	44	125	115	92
1914.....	38.9	21.00	54	109	109	100	50.0	22.00	44	125	115	92
1915.....	38.9	21.00	54	109	109	100	50.0	22.00	44	125	115	92
1916.....	44.4	24.00	54	125	125	100	55.0	24.20	44	138	126	92
1917.....	44.4	24.00	54	125	125	100	55.0	24.20	44	138	126	92
Plasterers.												
1907.....	62.5	27.81	44 <sub>2</sub>	100	100	100	42.5	18.91	44 <sub>2</sub>	100	100	100
1908.....	62.5	27.81	44 <sub>2</sub>	100	100	100	42.5	18.91	44 <sub>2</sub>	100	100	100
1909.....	62.5	27.81	44 <sub>2</sub>	100	100	100	42.5	18.91	44 <sub>2</sub>	100	100	100
1910.....	62.5	27.81	44 <sub>2</sub>	100	100	100	42.5	18.91	44 <sub>2</sub>	100	100	100
1911.....	62.5	27.81	44 <sub>2</sub>	100	100	100	42.5	18.91	44 <sub>2</sub>	100	100	100
1912.....	62.5	27.81	44 <sub>2</sub>	100	100	100	45.0	20.25	45	106	107	101
1913.....	68.8	30.59	44 <sub>2</sub>	110	110	100	45.0	20.25	45	106	107	101
1914.....	75.0	33.33	44 <sub>2</sub>	120	120	100	45.0	20.25	45	106	107	101
1915.....	75.0	33.33	44 <sub>2</sub>	120	120	100	45.0	20.25	45	106	107	101
1916.....	75.0	33.33	44 <sub>2</sub>	120	120	100	45.0	20.25	45	106	107	101
1917.....	75.0	33.33	44 <sub>2</sub>	120	120	100	45.0	20.25	45	106	107	101
Plasterers' laborers.												

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## CINCINNATI, OHIO—Concluded.

Year.	Plumbers and gas fitters.						Stereotypers, daywork: newspaper.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
1907.....	Cents. 50.0	\$22.25	44½	100	100	100	Cents. 1 37.9	\$21.60	2 57	100	100	100
1908.....	50.0	22.25	44½	100	100	100	1 37.9	21.60	2 57	100	100	100
1909.....	50.0	22.25	44½	100	100	100	1 37.5	21.60	2 57	100	100	100
1910.....	56.3	25.03	44½	113	112	100	3 43.5	22.20	2 51	115	103	89
1911.....	56.3	25.03	44½	113	112	100	3 43.5	22.20	2 51	115	103	89
1912.....	56.3	25.03	44½	113	112	100	5 44.1	22.50	2 51	116	104	89
1913.....	61.8	27.50	44½	124	124	100	6 47.1	24.00	4 51	124	111	89
1914.....	61.8	27.50	44½	124	124	100	50.0	24.00	48	132	111	84
1915.....	61.8	27.50	44½	124	124	100	50.0	24.00	48	132	111	84
1916.....	61.8	27.50	44	124	124	99	50.0	24.00	48	132	111	84
1917.....	65.6	28.87	44	131	130	99	51.0	24.50	48	135	113	84
Stonecutters.												
1907.....	56.3	25.03	44½	100	100	100	45.0	21.60	48	100	100	100
1908.....	56.3	25.03	44½	100	100	100	45.0	21.60	48	100	100	100
1909.....	56.3	25.03	44½	100	100	100	50.0	24.00	48	111	111	100
1910.....	56.3	25.03	44½	100	100	100	60.0	26.70	44½	133	124	93
1911.....	56.3	25.03	44½	100	100	100	60.0	26.70	44½	133	124	93
1912.....	56.3	25.03	44½	100	100	100	60.0	26.70	44½	133	124	93
1913.....	56.3	25.03	44½	100	100	100	62.5	27.81	44½	139	129	93
1914.....	56.3	25.03	44½	100	100	100	62.5	27.81	44½	139	129	93
1915.....	60.0	26.70	44½	107	107	100	62.5	27.81	44½	139	129	93
1916.....	62.5	27.81	44½	111	111	100	62.5	27.81	44½	139	129	93
1917.....	65.0	27.50	44	115	110	99	65.0	28.60	44	144	132	92
DENVER, COLO.												
Blacksmiths, manufacturing and jobbing shops.							Boiler makers, manufacturing and jobbing shops.					
1907.....	Cents. 36.0	\$19.44	54	100	100	100	Cents. 37.0	\$19.98	54	100	100	100
1908.....	36.0	19.44	54	100	100	100	37.0	19.98	54	100	100	100
1909.....	36.0	19.44	54	100	100	100	37.0	19.98	54	100	100	100
1910.....	40.0	21.60	54	111	111	100	37.0	19.98	54	100	100	100
1911.....	40.0	21.60	54	111	111	100	37.0	19.98	54	100	100	100
1912.....	40.0	21.60	54	111	111	100	41.0	22.14	54	111	111	100
1913.....	40.0	21.60	54	111	111	100	41.0	22.14	54	111	111	100
1914.....	40.0	21.60	54	111	111	100	41.0	22.14	54	111	111	100
1915.....	40.0	21.60	54	111	111	100	41.0	22.14	54	111	111	100
1916.....	41.0	22.14	54	114	114	100	41.0	22.14	54	111	111	100
1917.....	50.0	27.00	54	139	139	100	42.5	21.68	51	115	109	94
Bricklayers.							Carpenters.					
1907.....	75.0	33.00	44	100	100	100	50.0	22.00	44	100	100	100
1908.....	75.0	33.00	44	100	100	100	55.0	24.20	44	110	110	100
1909.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1910.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1911.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1912.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1913.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1914.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1915.....	75.0	33.00	44	100	100	100	60.0	26.40	44	120	120	100
1916.....	87.5	38.50	44	117	117	100	60.0	26.40	44	120	120	100
1917.....	87.5	38.50	44	117	117	100	70.0	30.80	44	140	140	100

<sup>1</sup> 40 cents, October to March.<sup>2</sup> 54 hours, October to March.<sup>3</sup> 46½ cents, October to March.<sup>4</sup> 48 hours, October to March.<sup>5</sup> 46½ cents, October to March.<sup>6</sup> 50 cents, October to March.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

DENVER, COLO.—Continued.

Year.	Compositors, book and job.							Compositors, daywork, newspaper.						
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.		
	Cents.						Cents.							
1907.....	45.8	\$22.00	48	100	100	100	50.0	\$23.00	46	100	100	100		
1908.....	45.8	22.00	48	100	100	100	50.0	23.00	46	100	100	100		
1909.....	45.8	22.00	48	100	100	100	55.0	25.30	46	110	110	100		
1910.....	45.8	22.00	48	100	100	100	55.0	25.30	46	110	110	100		
1911.....	52.1	25.00	48	114	114	100	63.3	28.50	45	127	124	98		
1912.....	53.1	25.50	48	116	116	100	63.3	28.50	45	127	124	98		
1913.....	54.2	26.00	48	118	118	100	63.3	28.50	45	127	124	98		
1914.....	54.2	26.00	48	118	118	100	63.3	28.50	45	127	124	98		
1915.....	54.2	26.00	48	118	118	100	63.3	28.50	45	127	124	98		
1916.....	54.2	26.00	48	118	118	100	63.3	28.50	45	127	124	98		
1917.....	54.2	26.00	48	118	118	100	63.3	28.50	45	127	124	98		
	Electrotypers: Finishers.							Electrotypers: Molders.						
1907.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1908.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1909.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1910.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1911.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1912.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1913.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1914.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1915.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1916.....	43.8	21.00	48	100	100	100	52.1	25.00	48	100	100	100		
1917.....	47.9	23.00	48	109	109	100	54.2	26.00	48	104	104	100		
	Hod carriers: Brick men.							Hod carriers: Mortar men.						
1907.....	34.4	15.13	44	100	100	100	37.5	16.50	44	100	100	100		
1908.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1909.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1910.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1911.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1912.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1913.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1914.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1915.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1916.....	37.5	16.50	44	109	109	100	40.6	17.88	44	108	108	100		
1917.....	43.8	19.25	44	127	127	100	46.9	20.63	44	125	125	100		
	Linotype operators, daywork, newspaper.							Machinists, manufacturing and jobbing shops.						
1907.....	50.0	23.00	46	100	100	100	37.5	20.25	54	100	100	100		
1908.....	50.0	23.00	46	100	100	100	37.5	20.25	54	100	100	100		
1909.....	55.0	25.30	46	110	110	100	37.5	20.25	54	100	100	100		
1910.....	55.0	25.30	46	110	110	100	37.5	20.25	54	100	100	100		
1911.....	63.3	28.50	45	127	124	98	37.5	20.25	54	100	100	100		
1912.....	63.3	28.50	45	127	124	98	40.0	21.60	54	107	107	100		
1913.....	63.3	28.50	45	127	124	98	40.0	21.60	54	107	107	100		
1914.....	63.3	28.50	45	127	124	98	40.0	21.60	54	107	107	100		
1915.....	63.3	28.50	45	127	124	98	40.0	21.60	54	107	107	100		
1916.....	63.3	28.50	45	127	124	98	40.0	21.60	54	107	107	100		
1917.....	63.3	28.50	45	127	124	98	42.5	21.68	51	113	107	94		

<sup>1</sup> And a bonus in addition.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

DENVER, COLO.—Concluded.

Year.	Molders, iron.						Painters.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
	Cents.						Cents.					
1907.....	44.4	\$24.00	54	100	100	100	50.0	\$22.00	44	100	100	100
1908.....	41.7	22.50	54	94	94	100	50.0	22.00	44	100	100	100
1909.....	41.7	22.50	54	94	94	100	50.0	22.00	44	100	100	100
1910.....	41.7	22.50	54	94	94	100	50.0	22.00	44	100	100	100
1911.....	44.4	24.00	54	100	100	100	50.0	22.00	44	100	100	100
1912.....	44.4	24.00	54	100	100	100	50.0	22.00	44	100	100	100
1913.....	44.4	24.00	54	100	100	110	50.0	22.00	44	100	100	100
1914.....	44.4	24.00	54	100	100	100	50.0	22.00	44	100	100	100
1915.....	44.4	24.00	54	100	100	100	50.0	22.00	44	100	100	100
1916.....	44.4	24.00	54	100	100	100	55.0	24.20	44	110	110	109
1917.....	50.0	24.00	48	113	100	89	62.5	27.50	44	125	125	100
Plasterers.												
1907.....	68.8	30.25	44	100	100	100	40.6	17.88	44	100	100	100
1908.....	68.8	30.25	44	100	100	100	43.8	19.25	44	108	108	100
1909.....	68.8	30.25	44	100	100	100	43.8	19.25	44	108	108	100
1910.....	68.8	30.25	44	100	100	100	43.8	19.25	44	108	108	100
1911.....	68.8	30.25	44	100	100	100	43.8	19.25	44	108	108	100
1912.....	68.8	30.25	44	100	100	100	43.8	19.25	44	108	108	100
1913.....	75.0	33.00	44	109	109	100	43.8	19.25	44	108	108	100
1914.....	75.0	33.00	44	109	109	100	43.8	19.25	44	108	108	100
1915.....	75.0	33.00	44	109	109	100	43.8	19.25	44	108	108	100
1916.....	75.0	33.00	44	109	109	100	43.8	19.25	44	108	108	100
1917.....	87.5	38.50	44	127	127	100	50.0	22.00	44	123	123	100
Plumbers and gas fitters.												
1907.....	56.3	27.00	48	100	100	100	46.9	22.50	48	100	100	100
1908.....	62.5	27.50	44	111	102	92	46.9	22.50	48	100	100	100
1909.....	62.5	27.50	44	111	102	92	46.9	22.50	48	100	100	100
1910.....	62.5	27.50	44	111	102	92	50.0	24.00	48	107	107	100
1911.....	62.5	27.50	44	111	102	92	53.1	25.50	48	113	113	100
1912.....	62.5	27.50	44	111	102	92	53.1	25.50	48	113	113	100
1913.....	62.5	27.50	44	111	102	92	53.1	25.50	48	113	113	100
1914.....	62.5	27.50	44	111	102	92	56.3	27.00	48	120	120	100
1915.....	62.5	27.50	44	111	102	92	56.3	27.00	48	120	120	100
1916.....	62.5	27.50	44	111	102	92	56.3	27.00	48	120	120	100
1917.....	75.0	33.00	44	133	122	92	56.3	27.00	48	120	120	100
Stonecutters.												
1907.....	62.5	27.50	44	100	100	100	50.0	22.00	44	100	100	100
1908.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1909.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1910.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1911.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1912.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1913.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1914.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1915.....	62.5	27.50	44	100	100	100	62.5	27.50	44	125	125	100
1916.....	62.5	27.50	44	100	100	100	70.0	30.80	44	140	140	100
Structural-iron workers.												

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## NEW ORLEANS, LA.

Year.	Blacksmiths, manufacturing.							Boiler makers, manufacturing.						
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.		
1907.....	Cents. 36.1	\$19.50	54	100	100	100	33.3	\$18.00	54	100	100	100		
1908.....	36.1	19.50	54	100	100	100	33.3	18.00	54	100	100	100		
1909.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1910.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1911.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1912.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1913.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1914.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1915.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1916.....	36.1	19.50	54	100	100	100	38.9	21.00	54	117	117	100		
1917.....	36.1	19.50	54	100	100	100	43.8	21.00	48	132	117	89		
Bricklayers.														
1907.....	62.5	30.00	48	100	100	100	45.0	21.60	48	100	100	100		
1908.....	62.5	30.00	48	100	100	100	45.0	21.60	48	100	100	100		
1909.....	62.5	27.50	44	100	92	92	45.0	21.60	48	100	100	100		
1910.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1911.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1912.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1913.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1914.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1915.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1916.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
1917.....	62.5	27.50	44	100	92	92	40.0	19.20	48	89	89	100		
Compositors, book and job.														
1907.....	39.6	19.00	48	100	100	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1908.....	39.6	19.00	48	100	100	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1909.....	40.6	19.50	48	103	103	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1910.....	41.7	20.00	48	105	105	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1911.....	41.7	20.00	48	105	105	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1912.....	42.7	20.50	48	108	108	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1913.....	43.8	21.00	48	111	111	100	55.0	23.38	42 $\frac{1}{2}$	100	100	100		
1914.....	43.8	21.00	48	111	111	100	56.0	23.80	42 $\frac{1}{2}$	102	102	100		
1915.....	43.8	21.00	48	111	111	100	57.0	24.23	42 $\frac{1}{2}$	104	104	100		
1916.....	43.8	21.00	48	111	111	100	57.0	21.23	42 $\frac{1}{2}$	104	104	100		
1917.....	43.8	21.00	48	111	111	100	57.0	24.23	42 $\frac{1}{2}$	104	104	100		
Granite cutters, inside.														
Linotype operators.														
1907.....	33.3	18.00	54	100	100	100	48.0	23.04	48	100	100	100		
1908.....	33.3	18.00	48	100	89	89	48.0	23.04	48	100	100	100		
1909.....	40.0	19.20	48	120	107	89	48.0	23.04	48	100	100	100		
1910.....	40.0	19.20	48	120	107	89	48.0	23.04	48	100	100	100		
1911.....	40.0	19.20	48	120	107	89	48.0	21.00	48	91	91	100		
1912.....	40.0	19.20	48	120	107	89	48.0	21.00	48	91	91	100		
1913.....	45.0	20.25	45	135	113	83	53.3	24.00	45	111	104	94		
1914.....	45.0	20.25	45	135	113	83	53.3	24.00	45	111	104	94		
1915.....	45.0	20.25	45	135	113	83	53.3	24.00	45	111	104	94		
1916.....	50.0	22.00	45	150	122	83	53.3	24.00	45	111	104	94		
1917.....	50.0	22.00	44	150	122	81	53.3	24.00	45	111	104	94		

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

NEW ORLEANS, LA.—Concluded.

Year.	Machinists, manufacturing.						Molders, iron.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>							<i>Cents.</i>					
1907.....	33.3	\$18.00	54	100	100	100	36.1	\$19.50	54	100	100	100
1908.....	33.3	18.00	54	100	100	100	36.1	19.50	54	100	100	100
1909.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1910.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1911.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1912.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1913.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1914.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1915.....	38.9	21.00	54	117	117	100	36.1	19.50	54	100	100	100
1916.....	43.8	21.00	48	132	117	89	38.9	21.00	54	108	103	100
1917.....	50.0	24.00	48	150	133	89	50.0	24.00	48	139	123	89
Painters.												
1907.....	37.5	18.00	48	100	100	100	50.0	24.00	48	100	100	100
1908.....	37.5	18.00	48	100	100	100	50.0	24.00	48	100	100	100
1909.....	40.0	19.20	48	107	107	100	50.0	24.00	48	100	100	100
1910.....	40.0	19.20	48	107	107	100	50.0	24.00	48	100	100	100
1911.....	40.0	19.20	48	107	107	100	50.0	24.00	48	100	100	100
1912.....	40.0	19.20	48	107	107	100	62.5	30.00	48	125	125	100
1913.....	40.0	19.20	48	107	107	100	62.5	30.00	48	125	125	100
1914.....	40.0	19.20	48	107	107	100	62.5	30.00	48	125	125	100
1915.....	40.0	19.20	48	107	107	100	50.0	24.00	48	100	100	100
1916.....	40.0	19.20	48	107	107	100	50.0	24.00	48	100	100	100
1917.....	40.0	19.20	48	107	107	100	62.5	28.13	45	125	117	94
Plasterers' laborers.												
1907.....	27.5	13.20	48	100	100	100	50.0	24.00	48	100	100	100
1908.....	32.5	15.60	48	118	118	100	50.0	24.00	48	100	100	100
1909.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1910.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1911.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1912.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1913.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1914.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1915.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1916.....	32.5	15.60	48	118	118	100	56.3	27.00	48	113	113	100
1917.....	28.3	12.75	45	103	97	94	56.3	27.00	48	113	113	100
Stereotypers, daywork, newspaper.												
1907.....	31.3	15.00	48	100	100	100	50.0	24.00	48	100	100	100
1908.....	32.1	15.42	48	103	103	100	50.0	24.00	48	100	100	100
1909.....	32.1	15.42	48	103	103	100	50.0	24.00	48	100	100	100
1910.....	32.1	15.42	48	103	103	100	50.0	24.00	48	100	100	100
1911.....	32.1	15.42	48	103	103	100	56.3	27.00	48	113	113	100
1912.....	32.1	15.42	48	103	103	100	62.5	27.50	44	125	115	92
1913.....	32.1	15.42	48	103	103	100	62.5	27.50	44	125	115	92
1914.....	43.9	18.42	42	140	123	88	62.5	27.50	44	125	115	92
1915.....	46.0	19.32	42	147	129	88	62.5	27.50	44	125	115	92
1916.....	50.0	21.00	42	160	140	88	62.5	27.50	44	125	115	92
1917.....	50.0	21.00	42	160	140	88	62.5	27.50	44	125	115	92

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## NEW YORK, N. Y.

Year.	Blacksmiths, manufacturing and jobbing shops.						Boiler makers, shopmen.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
Cents.							Cents.					
1907.....	40.9	\$22.08	1 53	100	100	100	36.1	\$19.50	54	100	100	100
1908.....	40.9	22.08	1 53	100	100	100	36.1	19.50	54	100	100	100
1909.....	40.9	22.08	1 53	100	100	100	36.1	19.50	54	100	100	100
1910.....	44.4	24.00	1 53	109	109	100	36.1	19.50	54	100	100	100
1911.....	44.4	24.00	1 53	109	109	100	41.7	22.50	54	115	115	100
1912.....	44.4	24.00	1 53	109	109	100	41.7	22.50	54	115	115	100
1913.....	44.4	24.00	1 53	109	109	100	41.7	22.50	54	115	115	100
1914.....	44.4	24.00	1 53	109	109	100	41.7	22.50	54	115	115	100
1915.....	44.4	24.00	1 53	109	109	100	41.7	22.50	54	115	115	100
1916.....	53.1	25.50	48	130	115	91	46.9	22.50	48	130	115	89
1917.....	53.1	25.50	48	130	115	91	49.4	23.70	48	137	122	89
Bricklayers.												
Carpenters: The Bronx and Brooklyn.												
1907.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1908.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1909.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1910.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1911.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1912.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1913.....	70.0	30.80	44	100	100	100	56.3	24.75	44	100	100	100
1914.....	75.0	33.00	44	107	107	100	56.3	24.75	44	100	100	100
1915.....	75.0	33.00	44	107	107	100	56.3	24.75	44	100	100	100
1916.....	75.0	33.00	44	107	107	100	56.3	24.75	44	100	100	100
1917.....	75.0	33.00	44	107	107	100	62.5	27.50	44	111	111	100
Carpenters: Manhattan.							Carpenters: Queens.					
1907.....	62.5	27.50	44	100	100	100	50.0	22.00	44	100	100	100
1908.....	62.5	27.50	44	100	100	100	50.0	22.00	44	100	100	100
1909.....	62.5	27.50	44	100	100	100	50.0	22.00	44	100	100	100
1910.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1911.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1912.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1913.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1914.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1915.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1916.....	62.5	27.50	44	100	100	100	56.3	24.75	44	113	113	100
1917.....	68.8	30.25	44	110	110	100	62.5	27.50	44	125	125	100
Carpenters: Richmond.							Cement finishers.					
1907.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1908.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1909.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1910.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1911.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1912.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1913.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1914.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1915.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1916.....	50.0	22.00	44	100	100	100	62.5	27.50	44	100	100	100
1917.....	62.5	27.50	44	125	125	100	70.0	30.80	44	112	112	100

<sup>1</sup> Worked 53 hours, paid for 54.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

NEW YORK, N. Y.—Continued.

Year.	Compositors, book and job.						Compositors, daywork, newspaper.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>												
1907.....	43.8	\$21.00	48	100	100	100	62.2	\$28.00	45	100	100	100
1908.....	43.8	21.00	48	100	100	100	62.2	28.00	45	100	100	100
1909.....	43.8	21.00	48	100	100	100	62.2	28.00	45	100	100	100
1910.....	45.9	22.00	48	105	105	100	64.4	29.00	45	104	104	100
1911.....	45.9	22.00	48	105	105	100	64.4	29.00	45	104	104	100
1912.....	47.9	23.00	48	110	110	100	64.4	29.00	45	104	104	100
1913.....	50.0	24.00	48	114	114	100	66.7	30.00	45	107	107	100
1914.....	50.0	24.00	48	114	114	100	66.7	30.00	45	107	107	100
1915.....	50.0	24.00	48	114	114	100	66.7	30.00	45	107	107	100
1916.....	52.1	25.00	48	119	119	100	66.7	30.00	45	107	107	100
1917.....	52.1	25.00	48	119	119	100	66.7	30.00	45	107	107	100
<i>Electrotypers: Finishers and molders.</i>												
1907.....	56.3	24.75	44	100	100	100	43.8	19.25	44	100	100	100
1908.....	56.3	24.75	44	100	100	100	43.8	19.25	44	100	100	100
1909.....	56.3	24.75	44	100	100	100	43.8	19.25	44	100	100	100
1910.....	56.3	24.75	44	100	100	100	43.8	19.25	44	100	100	180
1911.....	62.5	27.50	44	111	111	100	43.8	19.25	44	100	100	100
1912.....	62.5	27.50	44	111	111	100	50.0	22.00	44	114	114	100
1913.....	62.5	27.50	44	111	111	100	50.0	22.00	44	114	114	100
1914.....	62.5	27.50	44	111	111	100	50.0	22.00	44	114	114	100
1915.....	65.6	28.88	44	117	117	100	50.0	22.00	44	114	114	100
1916.....	68.8	30.25	44	122	122	100	50.0	22.00	44	114	114	100
1917.....	68.8	30.25	44	122	122	100	50.0	22.00	44	114	114	100
<i>Granite cutters, outside.</i>												
1907.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1908.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1909.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1910.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1911.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1912.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1913.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1914.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1915.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1916.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1917.....	62.5	27.50	44	111	111	100	42.5	18.70	44	113	113	100
<i>Hod carriers.</i>												
1907.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1908.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1909.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1910.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1911.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1912.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1913.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1914.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1915.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1916.....	62.5	27.50	44	111	111	100	37.5	16.50	44	100	100	100
1917.....	62.5	27.50	44	111	111	100	42.5	18.70	44	113	113	100
<i>Linotype operators, book and job.</i>												
1907.....	47.9	22.98	48	100	100	100	62.2	28.00	45	100	100	100
1908.....	47.9	22.98	48	100	100	100	62.2	28.00	45	100	100	100
1909.....	47.9	22.98	48	100	100	100	62.2	28.00	45	100	100	100
1910.....	50.0	24.00	48	104	104	100	64.4	29.00	45	104	104	100
1911.....	50.0	24.00	48	104	104	100	64.4	29.00	45	104	104	100
1912.....	52.1	25.00	48	109	109	100	64.4	29.00	45	104	104	100
1913.....	54.2	26.00	48	113	113	100	66.7	30.00	45	107	107	100
1914.....	54.2	26.00	48	113	113	100	66.7	30.00	45	107	107	100
1915.....	54.2	26.00	48	113	113	100	66.7	30.00	45	107	107	100
1916.....	54.2	26.00	48	113	113	100	66.7	30.00	45	107	107	100
1917.....	54.2	26.00	48	113	113	100	66.7	30.00	45	107	107	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK, IN MAY OF EACH YEAR, 1907 to 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

NEW YORK, N. Y.—Continued.

Year.	Machinists, manufacturing and jobbing shops: Shops A.						Machinists, manufacturing and jobbing shops: Shops B.					
	Rates of wages—		Relative—				Rates of wages—		Relative—			
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Cents.							Cents.					
1907.....	36.1	\$19.50	54	100	100	100	36.1	\$19.50	54	100	100	100
1908.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1909.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1910.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1911.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1912.....	40.6	19.50	48	112	100	89	38.2	19.50	51	106	100	94
1913.....	40.6	19.50	48	112	100	89	40.0	19.50	49½	111	100	91
1914.....	40.6	19.50	48	112	100	89	40.0	19.50	49½	111	100	91
1915.....	40.6	19.50	48	112	100	89	40.0	19.50	49½	111	100	91
1916.....	46.9	22.50	48	130	115	89	46.9	22.50	48	130	115	89
1917.....	56.3	27.00	48	156	138	89	56.3	27.00	48	156	138	89
Machinists, manufacturing and jobbing shops: Shops C.												
1907.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1908.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1909.....	36.1	19.50	54	100	100	100	36.1	19.50	54	100	100	100
1910.....	36.1	19.50	54	100	100	100	38.9	21.00	54	108	108	100
1911.....	36.1	19.50	54	100	100	100	38.9	21.00	54	108	108	100
1912.....	37.1	19.50	52½	103	100	97	38.9	21.00	54	108	108	100
1913.....	38.2	19.50	51	106	100	94	38.9	21.00	54	108	108	100
1914.....	38.2	19.50	51	106	100	94	41.7	22.50	54	115	115	100
1915.....	38.2	19.50	51	106	100	94	41.7	22.50	54	115	115	100
1916.....	46.9	22.50	48	130	115	89	41.7	22.50	54	115	115	100
1917.....	56.3	27.00	48	156	138	89	47.2	25.50	54	131	131	100
Molders, iron.												
Painters: Manhattan, The Bronx, Kings, and Richmond.							Painters: Queens.					
1907.....	50.0	22.00	44	100	100	100	43.8	19.25	44	100	100	100
1908.....	50.0	22.00	44	100	100	100	43.8	19.25	44	100	100	100
1909.....	50.0	22.00	44	100	100	100	43.8	19.25	44	100	100	100
1910.....	50.0	22.00	44	100	100	100	43.8	19.25	44	100	100	100
1911.....	50.0	22.00	44	100	100	100	43.8	19.25	44	100	100	100
1912.....	50.0	22.00	44	100	100	100	50.0	22.00	44	114	114	100
1913.....	50.0	22.00	44	100	100	100	50.0	22.00	44	114	114	100
1914.....	50.0	22.00	44	100	100	100	50.0	22.00	44	114	114	100
1915.....	50.0	22.00	44	100	100	100	50.0	22.00	44	114	114	100
1916.....	62.5	27.50	44	125	125	100	50.0	22.00	44	114	114	100
1917.....	62.5	27.50	44	125	125	100	62.5	27.50	44	143	143	100
Plasterers.												
Plasterers' laborers.												
1907.....	68.8	30.25	44	100	100	100	37.5	16.50	44	100	100	100
1908.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1909.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1910.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1911.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1912.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1913.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1914.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1915.....	68.8	30.25	44	100	100	100	40.6	17.88	44	108	108	100
1916.....	75.0	33.00	44	109	109	100	43.3	19.25	44	117	117	100
1917.....	75.0	33.00	44	109	109	100	46.9	20.63	44	125	125	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

NEW YORK, N. Y.—Concluded.

Year.	Plumbers and gas fitters, Brooklyn.						Plumbers and gas fitters, Manhattan and The Bronx.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
	Cents.	\$					Cents.	\$				
1907.....	59.4	\$26.13	44	100	100	100	62.5	\$27.50	44	100	100	100
1908.....	59.4	26.13	44	100	100	100	62.5	27.50	44	100	100	100
1909.....	62.5	27.50	44	105	105	100	62.5	27.50	44	100	100	100
1910.....	62.5	27.50	44	105	105	100	62.5	27.50	44	100	100	100
1911.....	62.5	27.50	44	105	105	100	68.8	30.25	44	110	110	100
1912.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
1913.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
1914.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
1915.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
1916.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
1917.....	68.8	30.25	44	116	116	100	68.8	30.25	44	110	110	100
Stereotypers, daywork, newspaper.												
1907.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1908.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1909.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1910.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1911.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1912.....	56.3	27.00	48	100	100	100	62.5	27.50	44	100	100	100
1913.....	62.5	30.00	48	111	111	100	68.4	30.09	44	109	109	100
1914.....	62.5	30.00	48	111	111	100	68.8	30.25	44	110	110	100
1915.....	62.5	30.00	48	111	111	100	68.8	30.25	44	110	110	100
1916.....	62.5	30.00	48	111	111	100	68.8	30.25	44	110	110	100
1917.....	62.5	30.00	48	111	111	100	68.8	30.25	44	110	110	100
Stonecutters, second class.												
1907.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1908.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1909.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1910.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1911.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1912.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1913.....	56.3	24.75	44	100	100	100	50.0	22.00	44	100	100	100
1914.....	62.5	27.50	44	111	111	100	56.3	24.75	44	113	113	100
1915.....	62.5	27.50	44	111	111	100	56.3	24.75	44	113	113	100
1916.....	62.5	27.50	44	111	111	100	56.3	24.75	44	113	113	100
1917.....	62.5	27.50	44	111	111	100	62.5	27.50	44	125	125	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						
1917.....	68.8	30.25	44	115	115	100						

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## PHILADELPHIA, PA.

Year.	Boiler makers, manufacturing shops.						Boiler makers, outside.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>												
1907.....	33.3	\$15.98	48	100	100	100	45.8	\$21.00	48	100	100	100
1908.....	33.3	15.98	48	100	100	100	43.8	21.00	48	100	100	100
1909.....	33.3	15.98	48	100	100	100	43.8	21.00	48	100	100	100
1910.....	33.3	15.98	48	100	100	100	43.8	21.00	48	100	100	100
1911.....	33.3	14.65	44	100	92	92	50.0	22.00	44	114	105	92
1912.....	33.3	17.98	54	100	113	113	50.0	22.00	44	114	105	92
1913.....	33.3	16.33	49	100	102	102	50.0	24.00	48	114	114	100
1914.....	33.3	16.33	49	100	102	102	50.0	24.00	48	114	114	100
1915.....	33.3	16.33	49	100	102	102	50.0	22.00	44	114	105	92
1916.....	33.3	16.33	49	100	102	102	50.0	22.00	44	114	105	92
1917.....	50.0	24.00	48	150	150	100	56.3	24.75	44	129	118	92
<i>Bricklayers.</i>												
1907.....	62.5	27.50	44	100	100	100	45.0	19.80	44	100	100	100
1908.....	62.5	27.50	44	100	100	100	45.0	19.80	44	100	100	100
1909.....	62.5	27.50	44	100	100	100	45.0	19.80	44	100	100	100
1910.....	62.5	27.50	44	100	100	100	50.0	22.00	44	111	111	100
1911.....	62.5	27.50	44	100	100	100	50.0	22.00	44	111	111	100
1912.....	62.5	27.50	44	100	100	100	50.0	22.00	44	111	111	100
1913.....	62.5	27.50	44	100	100	100	50.0	22.00	44	111	111	100
1914.....	65.0	28.60	44	104	104	100	55.0	24.20	44	122	122	100
1915.....	65.0	28.60	44	104	104	100	55.0	24.20	44	122	122	100
1916.....	65.0	28.60	44	104	104	100	55.0	24.20	44	122	122	100
1917.....	70.0	30.80	44	112	112	100	60.0	26.40	44	133	133	100
<i>Cement finishers.</i>												
1907.....	45.0	24.30	54	100	100	100	37.5	18.00	48	100	100	100
1908.....	45.0	24.30	54	100	100	100	37.5	18.00	48	100	100	100
1909.....	45.0	24.30	54	100	100	100	37.5	18.00	48	100	100	100
1910.....	45.0	24.30	54	100	100	100	37.5	18.00	48	100	100	100
1911.....	45.0	22.28	49 $\frac{1}{2}$	100	92	92	37.5	18.00	48	100	100	100
1912.....	45.0	22.28	49 $\frac{1}{2}$	100	92	92	37.5	18.00	48	100	100	100
1913.....	45.0	22.28	49 $\frac{1}{2}$	100	92	92	39.6	19.00	48	106	106	100
1914.....	47.5	25.65	54	106	106	100	41.7	20.00	48	111	111	100
1915.....	50.0	27.00	54	111	111	100	41.7	20.00	48	111	111	100
1916.....	50.0	22.00	44	111	91	81	41.7	20.00	48	111	111	100
1917.....	55.0	24.20	44	122	100	81	43.8	21.00	48	117	117	100
<i>Compositors, daywork, newspaper.</i>												
<i>Electrotypers: Molders.</i>												
1907.....	41.7	20.00	48	100	100	100	37.0	20.00	54	100	100	100
1908.....	41.7	20.00	48	100	100	100	37.0	20.00	54	100	100	100
1909.....	41.7	20.00	48	100	100	100	37.0	20.00	54	100	100	100
1910.....	41.7	20.00	48	100	100	100	45.8	22.00	48	124	110	89
1911.....	41.7	20.00	48	100	100	100	45.8	22.00	48	124	110	89
1912.....	41.7	20.00	48	100	100	100	45.8	22.00	48	124	110	89
1913.....	41.7	20.00	48	100	100	100	45.8	22.00	48	124	110	89
1914.....	41.7	20.00	48	100	100	100	52.1	25.00	48	141	125	89
1915.....	41.7	20.00	48	100	100	100	52.1	25.00	48	141	125	89
1916.....	41.7	20.00	48	100	100	100	54.1	26.00	48	146	130	89
1917.....	41.7	20.00	48	100	100	100	56.3	27.00	48	152	135	89

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 49

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

**PHILADELPHIA, PA.**—Continued.

Year.	Granite cutters, outside.						Hod carriers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			Rates of wages—		Hours of labor per week, full time.	Relative—		
	Per hour.	Per week, full time.		Rates of wages	of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.		Rates of wages per hour.	Hours of labor per week, full time.	
1907.....	Cents. 47.8	\$21.01	44	100	100	100	35.0	\$15.40	44	100	100	100
1908.....	47.8	21.01	44	100	100	100	35.0	15.40	44	100	100	100
1909.....	47.8	21.01	44	100	100	100	35.0	15.40	44	100	100	100
1910.....	47.8	21.01	44	100	100	100	35.0	15.40	44	100	100	100
1911.....	50.0	22.00	44	105	105	100	35.0	15.40	44	100	100	100
1912.....	50.0	22.00	44	105	105	100	35.0	15.40	44	100	100	100
1913.....	50.0	22.00	44	105	105	100	35.0	15.40	44	100	100	100
1914.....	50.0	22.00	44	105	105	100	35.0	15.40	44	100	100	100
1915.....	50.0	22.00	44	105	105	100	35.0	15.40	44	100	100	100
1916.....	50.0	22.00	44	105	105	100	40.0	17.60	44	114	114	100
1917.....	60.0	26.40	44	126	126	100	45.0	19.80	44	129	129	100
Inside wiremen.												
1907.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1908.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1909.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1910.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1911.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1912.....	45.0	21.60	1 48	100	100	100	41.7	20.00	48	100	100	100
1913.....	45.0	19.80	44	100	92	92	43.8	21.00	48	105	105	100
1914.....	45.0	19.80	44	100	92	92	45.8	22.00	48	110	110	100
1915.....	45.0	19.80	44	100	92	92	45.8	22.00	48	110	110	100
1916.....	50.0	22.00	44	111	102	92	45.8	22.00	48	110	110	100
1917.....	56.3	24.75	44	125	115	92	47.9	23.00	48	115	115	100
Linotype operators, book and job.												
1907.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1908.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1909.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1910.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1911.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1912.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1913.....	45.8	19.80	44	100	92	92	33.3	18.00	54	105	105	100
1914.....	45.8	19.80	44	100	92	92	35.0	18.00	54	110	110	100
1915.....	45.8	19.80	44	100	92	92	35.0	18.00	54	110	110	100
1916.....	50.0	22.00	44	111	102	92	35.0	18.00	54	110	110	100
1917.....	56.3	24.75	44	125	115	92	37.9	19.00	54	115	115	100
Linotype operators, daywork, newspaper.												
1907.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1908.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1909.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1910.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1911.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1912.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1913.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1914.....	45.8	22.00	48	100	100	100	33.3	18.00	54	100	100	100
1915.....	45.8	22.00	48	100	100	100	35.0	18.00	54	105	105	100
1916.....	45.8	22.00	48	100	100	100	35.0	18.00	54	105	105	100
1917.....	45.8	22.00	48	100	100	100	45.0	24.30	54	135	135	100
Molders, iron.												
1907.....	32.2	17.40	54	100	100	100	40.0	17.60	44	100	100	100
1908.....	32.2	17.40	54	100	100	100	40.0	17.60	44	100	100	100
1909.....	32.2	17.40	54	100	100	100	40.0	17.60	44	100	100	100
1910.....	32.2	17.40	54	100	100	100	42.5	18.70	44	106	106	100
1911.....	36.1	19.50	54	112	112	100	42.5	18.70	44	106	106	100
1912.....	36.1	19.50	54	112	112	100	42.5	18.70	44	106	106	100
1913.....	36.1	19.50	54	112	112	100	42.5	18.70	44	106	106	100
1914.....	38.9	21.00	54	121	121	100	42.5	18.70	44	106	106	100
1915.....	38.9	21.00	54	121	121	100	42.5	18.70	44	106	106	100
1916.....	44.4	24.00	54	138	138	100	42.5	18.70	44	106	106	100
1917.....	50.0	27.00	54	155	155	100	45.0	19.80	44	113	113	100
Painters.												
1907.....	144 hours June to September.											
1908.....	62373°—19—	Bull. 245	—4									

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

PHILADELPHIA, PA.—Concluded.

Year.	Plasterers.						Plasterers' laborers.					
	Rates of wages		Relative—				Rates of wages		Relative—			
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of labor 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>						<i>Cents.</i>					
1907.....	59.4	\$26.13	44	100	100	100	43.8	\$19.25	44	100	100	100
1908.....	59.4	26.13	44	100	100	100	43.8	19.25	44	100	100	100
1909.....	59.4	26.13	44	100	100	100	43.8	19.25	44	100	100	100
1910.....	62.5	27.50	44	105	105	100	43.8	19.25	44	100	100	100
1911.....	62.5	27.50	44	105	105	100	43.8	19.25	44	100	100	100
1912.....	62.5	27.50	44	105	105	100	43.8	19.25	44	100	100	100
1913.....	62.5	27.50	44	105	105	100	43.8	19.25	44	100	100	100
1914.....	62.5	27.50	44	105	105	100	43.8	19.25	44	100	100	100
1915.....	62.5	25.00	40	105	96	91	44.0	19.38	44	100	101	100
1916.....	62.5	25.00	40	105	96	91	44.0	17.60	40	100	91	91
1917.....	70.0	28.00	40	118	107	91	40.9	18.75	40	107	97	91
	Plumbers and gas fitters, union A.						Plumbers and gas fitters, union B.					
1907.....	43.8	19.25	44	100	100	100	43.8	19.25	44	100	100	100
1908.....	43.8	19.25	44	100	100	100	43.8	19.25	44	100	100	100
1909.....	43.8	19.25	44	100	100	100	43.8	19.25	44	100	100	100
1910.....	43.8	19.25	44	100	100	100	43.8	19.25	44	100	100	100
1911.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1912.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1913.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1914.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1915.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1916.....	50.0	22.00	44	114	114	100	43.8	19.25	44	100	100	100
1917.....	56.3	24.75	44	129	129	100	56.3	24.75	44	129	129	100
	Stereotypers, day work, newspaper.						Stonecutters, inside.					
1907.....	37.5	20.25	54	100	100	100	50.0	22.00	44	100	100	100
1908.....	37.5	20.25	54	100	100	100	50.0	22.00	44	100	100	100
1909.....	37.5	20.25	54	100	100	100	50.0	22.00	44	100	100	100
1910.....	40.6	19.50	48	108	96	89	50.0	22.00	44	100	100	100
1911.....	40.6	19.50	48	108	96	89	50.0	22.00	44	100	100	100
1912.....	40.6	19.50	48	108	96	89	50.0	22.00	44	100	100	100
1913.....	43.8	21.00	48	117	104	89	50.0	22.00	44	100	100	100
1914.....	43.8	21.00	48	117	104	89	53.0	23.32	44	106	106	100
1915.....	43.8	21.00	48	117	104	89	56.3	24.75	44	113	113	100
1916.....	43.8	21.00	48	117	104	89	56.3	24.75	44	113	113	100
1917.....	43.8	21.00	48	117	104	89	65.0	28.60	44	130	130	100
	Stonecutters, outside.						Structural-iron workers.					
1907.....	50.0	22.00	44	100	100	100	56.3	24.75	44	100	100	100
1908.....	50.0	22.00	44	100	100	100	56.3	24.75	44	100	100	100
1909.....	50.0	22.00	44	100	100	100	56.3	24.75	44	100	100	100
1910.....	50.0	22.00	44	100	100	100	56.3	24.75	44	100	100	100
1911.....	50.0	22.00	44	100	100	100	56.3	24.75	44	100	100	100
1912.....	50.0	22.00	44	100	100	100	60.0	26.40	44	107	107	100
1913.....	50.0	22.00	44	100	100	100	60.0	26.40	44	107	107	100
1914.....	53.0	23.32	44	106	106	100	60.0	26.40	44	107	107	100
1915.....	62.5	27.50	44	125	125	100	60.0	26.40	44	107	107	100
1916.....	62.5	27.50	44	125	125	100	60.0	26.40	44	107	107	100
1917.....	70.0	30.80	44	140	140	100	70.0	30.80	44	124	124	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## PITTSBURGH, PA.

Year.	Blacksmiths, manufacturing shops.						Boiler makers, manufacturing and jobbing shops.					
	Rates of wages—		Relative—				Rates of wages—		Relative—			
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.
Cents.							Cents.					
1907.....	27.8	\$15.00	54	100	100	100	35.0	\$18.90	54	100	100	100
1908.....	30.6	16.50	54	110	110	100	35.0	18.90	54	100	100	100
1909.....	30.6	16.50	54	110	110	100	35.0	18.90	54	100	100	100
1910.....	30.6	16.50	54	110	110	100	35.0	18.90	54	100	100	100
1911.....	30.6	16.50	54	110	110	100	36.7	19.80	54	105	105	100
1912.....	33.3	18.00	54	120	120	100	40.0	21.60	54	114	114	100
1913.....	37.5	18.00	48	135	120	89	40.0	21.60	54	114	114	100
1914.....	37.5	18.00	48	135	120	89	40.0	21.60	54	114	114	100
1915.....	37.5	18.00	48	135	120	89	40.0	21.60	54	114	114	100
1916.....	37.5	18.00	48	135	120	89	44.0	22.00	50	126	116	93
1917.....	46.9	22.50	48	169	150	89	46.0	23.00	50	131	122	93
Bricklayers.												
1907.....	60.0	26.40	44	100	100	100	43.8	21.00	48	100	100	100
1908.....	65.0	28.60	44	108	108	100	50.0	24.00	48	114	114	100
1909.....	65.0	28.60	44	108	108	100	50.0	24.00	48	114	114	100
1910.....	65.0	28.60	44	108	108	100	50.0	24.00	48	114	114	100
1911.....	65.0	28.60	44	108	108	100	50.0	22.00	44	114	105	92
1912.....	65.0	28.60	44	108	108	100	50.0	22.00	44	114	105	92
1913.....	70.0	30.80	44	117	117	100	55.0	24.20	44	126	115	92
1914.....	70.0	30.80	44	117	117	100	56.3	24.75	44	129	118	92
1915.....	70.0	30.80	44	117	117	100	62.5	27.50	44	143	131	92
1916.....	70.0	30.80	44	117	117	100	62.5	27.50	44	143	131	92
1917.....	75.0	33.00	44	125	125	100	71.0	31.24	44	162	149	92
Carpenters.												
1907.....	33.3	16.00	48	100	100	100	50.0	24.00	48	100	100	100
1908.....	33.3	16.00	48	100	100	100	50.0	24.00	48	100	100	100
1909.....	33.3	16.00	48	100	100	100	55.0	26.40	48	110	110	100
1910.....	35.4	17.00	48	106	106	100	55.0	26.40	48	110	110	100
1911.....	37.5	18.00	48	113	113	100	55.0	26.40	48	110	110	100
1912.....	39.6	19.00	48	119	119	100	55.0	26.40	48	110	100	100
1913.....	39.6	19.00	48	119	119	100	55.0	26.40	48	110	110	100
1914.....	41.7	20.00	48	125	125	100	60.0	27.00	45	120	113	94
1915.....	41.7	20.00	48	125	125	100	60.0	27.00	45	120	113	94
1916.....	43.8	21.00	48	131	131	100	60.0	27.00	45	120	113	94
1917.....	43.8	21.00	48	131	131	100	61.0	27.45	45	122	114	94
Compositors, book and job.												
Compositors, daywork, newspaper.												
1907.....	33.3	16.00	48	100	100	100	50.0	24.00	48	100	100	100
1908.....	33.3	16.00	48	100	100	100	50.0	24.00	48	100	100	100
1909.....	33.3	16.00	48	100	100	100	55.0	26.40	48	110	110	100
1910.....	35.4	17.00	48	106	106	100	55.0	26.40	48	110	110	100
1911.....	37.5	18.00	48	113	113	100	55.0	26.40	48	110	110	100
1912.....	39.6	19.00	48	119	119	100	55.0	26.40	48	110	100	100
1913.....	39.6	19.00	48	119	119	100	55.0	26.40	48	110	110	100
1914.....	41.7	20.00	48	125	125	100	60.0	27.00	45	120	113	94
1915.....	41.7	20.00	48	125	125	100	60.0	27.00	45	120	113	94
1916.....	43.8	21.00	48	131	131	100	60.0	27.00	45	120	113	94
1917.....	43.8	21.00	48	131	131	100	61.0	27.45	45	122	114	94
Electrotypers: Finishers.												
Electrotypers: Molders.												
1907.....	33.3	18.00	54	100	100	100	38.9	21.00	54	100	100	100
1908.....	38.9	21.00	54	117	117	100	44.4	24.00	54	114	114	100
1909.....	38.9	21.00	54	117	117	100	44.4	24.00	54	114	114	100
1910.....	38.9	21.00	54	117	117	100	44.4	24.00	54	114	114	100
1911.....	41.2	21.00	51	124	117	94	47.1	24.00	51	121	114	94
1912.....	43.8	21.00	48	131	117	89	50.0	24.00	48	129	114	89
1913.....	43.8	21.00	48	131	117	89	50.0	24.00	48	129	114	89
1914.....	43.8	21.00	48	131	117	89	50.0	24.00	48	129	114	89
1915.....	43.8	21.00	48	131	117	89	50.0	24.00	48	129	114	89
1916.....	43.8	21.00	48	131	117	89	50.0	24.00	48	129	114	89
1917.....	45.8	22.00	48	138	122	89	52.1	25.00	48	134	119	89

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

PITTSBURGH, PA.—Continued.

Year.	Hod carriers.						Linotype operators, daywork, newspaper.					
	Rates of wages—		Relative—			Rates of wages—		Relative—				
	Hours of labor per week, full time.	Per hour.	Per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.	Per hour.	Hours of labor per week, full time.	Per hour.	Hours of labor per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.	
1907.....	Cents.	37.5	\$16.50	44	100	100	100	50.0	\$24.00	48	100	100
1908.....	37.5	16.50	44	100	100	100	50.0	24.00	48	100	100	100
1909.....	37.5	16.50	44	100	100	100	55.0	26.40	48	110	110	100
1910.....	37.5	16.50	44	100	100	100	55.0	26.40	48	110	114	100
1911.....	37.5	16.50	44	100	100	100	55.0	26.40	48	110	112	100
1912.....	37.5	16.50	44	100	100	100	55.0	26.40	48	110	114	100
1913.....	40.0	17.60	44	107	107	100	55.0	26.40	48	110	110	100
1914.....	40.0	17.60	44	107	107	100	60.0	27.00	45	120	113	94
1915.....	40.0	17.60	44	107	107	100	60.0	27.00	45	120	113	94
1916.....	45.0	19.80	44	120	120	100	60.0	27.00	45	120	113	94
1917.....	45.0	19.80	44	120	120	100	61.0	27.45	45	122	114	94
Machinists, manufacturing shops.												
1907.....	30.0	16.20	54	100	100	100	38.9	21.00	54	100	100	100
1908.....	30.0	16.20	54	100	100	100	38.9	21.00	54	100	100	100
1909.....	30.0	16.20	54	100	100	100	36.1	19.50	54	93	93	100
1910.....	35.0	18.90	54	117	117	100	38.9	21.00	54	100	100	100
1911.....	35.0	18.90	54	117	117	100	38.9	21.00	54	100	100	100
1912.....	35.0	18.90	54	117	117	100	41.7	22.50	54	107	107	100
1913.....	35.0	18.90	54	117	117	100	44.4	24.00	54	114	114	100
1914.....	35.0	18.90	54	117	117	100	44.4	24.00	54	114	114	100
1915.....	35.0	18.90	54	117	117	100	44.4	24.00	54	114	114	100
1916.....	35.0	18.90	54	117	117	100	44.4	24.00	54	114	114	100
1917.....	50.0	27.00	54	167	167	100	50.0	24.00	48	129	114	89
Painters.												
1907.....	42.5	20.40	48	100	100	100	56.3	24.75	44	100	100	100
1908.....	42.5	20.40	48	100	100	100	56.3	24.75	44	100	100	100
1909.....	42.5	20.40	48	100	100	100	56.3	24.75	44	100	100	100
1910.....	42.5	20.40	48	100	100	100	62.5	27.50	44	111	111	100
1911.....	50.0	22.00	44	118	108	92	62.5	27.50	44	111	111	100
1912.....	52.5	23.10	44	124	113	92	62.5	27.50	44	111	111	100
1913.....	55.0	24.20	44	129	119	92	62.5	27.50	44	111	111	100
1914.....	56.3	24.75	44	132	121	92	68.8	30.25	44	122	122	100
1915.....	58.1	25.58	44	137	125	92	71.9	31.63	44	128	128	100
1916.....	58.1	25.58	44	137	125	92	75.0	33.00	44	133	133	100
1917.....	65.0	28.60	44	153	140	92	75.0	33.00	44	133	133	100
Plumbers and gas fitters.												
Stereotypers, daywork, newspaper.												
1907.....	50.0	24.00	48	100	100	100	42.5	20.40	48	100	100	100
1908.....	50.0	24.00	48	100	100	100	43.8	21.00	48	103	103	100
1909.....	56.3	27.00	48	113	113	100	43.8	21.00	48	103	103	100
1910.....	56.3	27.00	48	113	113	100	43.8	21.00	48	103	103	100
1911.....	56.3	27.00	48	113	113	100	43.8	21.00	48	103	103	100
1912.....	62.5	30.00	48	125	125	100	45.0	21.60	48	106	106	100
1913.....	62.5	27.50	44	125	115	92	46.9	22.50	48	110	110	100
1914.....	62.5	27.50	44	125	115	92	46.9	22.50	48	110	110	100
1915.....	68.8	30.25	44	138	126	92	46.9	22.50	48	110	110	100
1916.....	68.8	30.25	44	138	126	92	48.4	23.25	48	114	114	100
1917.....	75.0	33.00	44	150	138	92	50.0	24.00	48	118	118	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

PITTSBURGH, PA.—Concluded.

Year.	Stonecutters.						Structural-iron workers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
1907.....	Cents. 50.0	\$22.00	44	100	100	100	50.0	\$24.00	48	100	100	100
1908.....	50.0	22.00	44	100	100	100	56.3	27.00	48	113	113	100
1909.....	50.0	22.00	44	100	100	100	56.3	27.00	48	113	113	100
1910.....	50.0	22.00	44	100	100	100	56.3	27.00	48	113	113	100
1911.....	50.0	22.00	44	100	100	100	56.3	27.00	48	113	113	100
1912.....	50.0	22.00	44	100	100	100	56.3	24.75	44	113	103	92
1913.....	50.0	22.00	44	100	100	100	62.5	27.50	44	125	115	92
1914.....	55.0	24.20	44	110	110	100	62.5	27.50	44	125	115	92
1915.....	56.3	24.75	44	113	113	100	62.5	27.50	44	125	115	92
1916.....	62.5	27.50	44	125	125	100	62.5	27.50	44	125	115	92
1917.....	62.5	27.50	44	125	125	100	70.0	30.80	44	140	128	92

## ST. LOUIS, MO.

	Blacksmiths, manufacturing shops.						Boiler makers, manufacturing shops.					
	Cents.	\$18.00	54	100	100	100	Cents.	\$18.90	54	100	100	100
1907.....	33.3	\$18.00	54	100	100	100	35.0	\$18.90	54	100	100	100
1908.....	33.3	18.00	54	100	100	100	35.0	18.90	54	100	100	100
1909.....	33.3	18.00	54	100	100	100	38.0	20.52	54	109	109	100
1910.....	33.3	18.00	54	100	100	100	38.0	20.52	54	109	109	100
1911.....	33.3	18.00	54	100	100	100	40.0	21.60	54	114	114	100
1912.....	33.3	18.00	54	100	100	100	40.0	21.60	54	114	114	100
1913.....	33.3	18.00	54	100	100	100	40.0	1 19.80	1 49 <sup>1</sup>	114	105	92
1914.....	33.3	18.00	54	100	100	100	40.0	1 19.80	1 49 <sup>1</sup>	114	105	92
1915.....	33.3	18.00	54	100	100	100	40.0	1 19.80	1 49 <sup>1</sup>	114	105	92
1916.....	33.3	18.00	54	100	100	100	40.0	1 19.80	1 49 <sup>1</sup>	114	105	92
1917.....	40.0	21.60	54	120	120	100	40.0	1 19.80	1 49 <sup>1</sup>	114	105	92
Bricklayers.												
Carpenters.												
1907.....	65.0	28.60	44	100	100	100	55.0	24.20	44	100	100	100
1908.....	65.0	28.60	44	100	100	100	55.0	24.20	44	100	100	100
1909.....	65.0	28.60	44	100	100	100	60.0	26.40	44	109	109	100
1910.....	70.0	30.80	44	108	108	100	60.0	26.40	44	109	109	100
1911.....	70.0	30.80	44	108	108	100	62.5	27.50	44	114	114	100
1912.....	70.0	30.80	44	108	108	100	62.5	27.50	44	114	114	100
1913.....	70.0	30.80	44	108	108	100	62.5	27.50	44	114	114	100
1914.....	75.0	33.00	44	115	115	100	62.5	27.50	44	114	114	100
1915.....	75.0	33.00	44	115	115	100	62.5	27.50	44	114	114	100
1916.....	75.0	33.00	44	115	115	100	62.5	27.50	44	114	114	100
1917.....	75.0	33.00	44	115	115	100	65.0	28.60	44	118	118	100
Cement finishers.												
Compositors, book and job.												
1907.....	57.5	25.30	44	100	100	100	38.0	18.24	48	100	100	100
1908.....	57.5	25.30	44	100	100	100	38.0	18.24	48	100	100	100
1909.....	57.5	25.30	44	100	100	100	38.0	18.24	48	100	100	100
1910.....	62.5	27.50	44	109	109	100	41.7	20.00	48	110	110	100
1911.....	62.5	27.50	44	109	109	100	42.7	20.50	48	112	112	100
1912.....	62.5	27.50	44	109	109	100	43.8	21.00	48	115	115	100
1913.....	60.0	26.40	44	104	104	100	43.8	21.00	48	115	115	100
1914.....	60.0	26.40	44	104	104	100	43.8	21.00	48	115	115	100
1915.....	60.0	26.40	44	104	104	100	43.8	21.00	48	115	115	100
1916.....	62.5	27.50	44	109	109	100	45.8	22.00	48	121	121	100
1917.....	62.5	27.50	44	109	109	100	47.9	23.00	48	126	126	100

<sup>1</sup> 54 hours, and \$21.60 per week, September to April, inclusive.

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

ST. LOUIS, MO.—Continued.

Year.	Compositors, daywork, newspaper.						Electrotypers: Finishers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>						<i>Cents.</i>					
1907.....	50.5	\$23.25	46	100	100	100	39.0	\$19.50	50	100	100	100
1908.....	50.5	23.25	46	100	100	100	39.0	19.50	50	100	100	100
1909.....	50.5	23.25	46	100	100	100	42.0	21.00	50	108	108	100
1910.....	50.5	23.25	46	100	100	100	42.0	21.00	50	108	108	100
1911.....	50.5	23.25	46	100	100	100	42.0	21.00	50	108	108	100
1912.....	58.7	27.00	46	116	116	100	42.0	21.00	50	108	108	100
1913.....	58.7	27.00	46	116	116	100	45.8	22.00	48	117	113	96
1914.....	58.7	27.00	46	116	116	100	45.8	22.00	48	117	113	96
1915.....	58.7	27.00	46	116	116	100	45.8	22.00	48	117	113	96
1916.....	58.7	27.00	46	116	116	100	45.8	22.00	48	117	113	96
1917.....	63.4	29.16	46	126	125	100	47.9	23.00	48	123	118	96
	Electrotypers: Molders.						Granite cutters, inside.					
1907.....	42.0	21.00	50	100	100	100	50.0	22.00	44	100	100	100
1908.....	42.0	21.00	50	100	100	100	50.0	22.00	44	100	100	100
1909.....	44.0	22.00	50	105	105	100	50.0	22.00	44	100	100	100
1910.....	44.0	22.00	50	105	105	100	50.0	22.00	44	100	100	100
1911.....	44.0	22.00	50	105	105	100	50.0	22.00	44	100	100	100
1912.....	44.0	22.00	50	105	105	100	50.0	22.00	44	100	100	100
1913.....	47.9	23.00	48	114	110	96	50.0	22.00	44	100	100	100
1914.....	47.9	23.00	48	114	110	96	50.0	22.00	44	100	100	100
1915.....	47.9	23.00	48	114	110	96	50.0	22.00	44	100	100	100
1916.....	47.9	23.00	48	114	110	96	50.0	22.00	44	100	100	100
1917.....	50.0	24.00	48	119	114	96	50.0	22.00	44	100	100	100
	Granite cutters, outside.						Hod carriers: Brick men.					
1907.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1908.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1909.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1910.....	56.3	24.75	44	100	100	100	37.5	16.50	44	100	100	100
1911.....	56.3	24.75	44	100	100	100	42.5	18.70	44	113	113	100
1912.....	56.3	24.75	44	100	100	100	42.5	18.70	44	113	113	100
1913.....	60.0	26.40	44	107	107	100	42.5	18.70	44	113	113	100
1914.....	60.0	26.40	44	107	107	100	47.5	20.90	44	127	127	100
1915.....	60.0	26.40	44	107	107	100	47.5	20.90	44	127	127	100
1916.....	60.0	26.40	44	107	107	100	47.5	20.90	44	127	127	100
1917.....	60.0	26.40	44	107	107	100	47.5	20.90	44	127	127	100
	Hod carriers: Mortar men.						Linotype operators, book and job.					
1907.....	40.0	17.60	44	100	100	100	50.0	24.00	48	100	100	100
1908.....	40.0	17.60	44	100	100	100	50.0	24.00	48	100	100	100
1909.....	40.0	17.60	44	100	100	100	50.0	24.00	48	100	100	100
1910.....	40.0	17.60	44	100	100	100	50.0	24.00	48	100	100	100
1911.....	45.0	19.80	44	113	113	100	50.0	24.00	48	100	100	100
1912.....	45.0	19.80	44	113	113	100	50.0	24.00	48	100	100	100
1913.....	45.0	19.80	44	113	113	100	50.0	24.00	48	100	100	100
1914.....	50.0	22.00	44	125	125	100	50.0	24.00	48	100	100	100
1915.....	50.0	22.00	44	125	125	100	50.0	24.00	48	100	100	100
1916.....	50.0	22.00	44	125	125	100	52.1	25.00	48	104	104	100
1917.....	50.0	22.00	44	125	125	100	54.2	26.00	48	108	108	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

ST. LOUIS, MO.—Continued.

Year.	Machinists, manufacturing shops.							Molders, iron.						
	Rates of wages		Hours of labor per week, full time.	Relative—			Rates of wages		Hours of labor per week, full time.	Relative—				
	Per hour.	Per week, full time.		Rates of wages per hour.	Hours of labor per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.	Per hour.		Rates of wages per hour.	Hours of labor per week, full time.	Rates of wages per hour.	Hours of labor per week, full time.	
Cents.								Cents.						
1907.....	30.0	\$16.20	54	100	100	100	100	35.0	\$18.90	54	100	100	100	100
1908.....	33.0	17.82	54	110	110	100	100	35.0	18.90	54	100	103	100	100
1909.....	33.0	17.82	54	110	110	100	100	35.0	18.90	54	100	103	100	100
1910.....	33.0	17.82	54	110	110	100	100	35.0	18.90	54	100	100	100	100
1911.....	33.0	17.82	54	110	110	100	100	37.2	20.00	54	106	106	100	100
1912.....	33.0	17.82	54	110	110	100	100	37.2	20.00	54	106	106	100	100
1913.....	33.0	17.82	54	110	110	100	100	38.9	21.00	54	111	111	100	100
1914.....	37.0	19.98	54	123	123	100	100	38.9	21.00	54	111	111	100	100
1915.....	37.0	19.98	54	123	123	100	100	38.9	21.00	54	111	111	100	100
1916.....	37.0	19.98	54	123	123	100	100	41.7	22.50	54	119	119	100	100
1917.....	44.0	23.76	54	147	147	100	100	50.0	27.00	54	143	143	100	100
Painters.														
1907.....	50.0	22.00	44	100	100	100	100	75.0	33.00	44	100	100	100	100
1908.....	50.0	22.00	44	100	100	100	100	75.0	33.00	44	100	100	100	100
1909.....	50.0	22.00	44	100	100	100	100	75.0	33.00	44	100	100	100	100
1910.....	52.5	23.10	44	105	105	100	100	75.0	33.00	44	100	100	100	100
1911.....	55.0	24.20	44	110	110	100	100	75.0	33.00	44	100	100	100	100
1912.....	55.0	24.20	44	110	110	100	100	75.0	33.00	44	100	100	100	100
1913.....	57.5	25.30	44	115	115	100	100	75.0	33.00	44	100	100	100	100
1914.....	60.0	26.40	44	120	120	100	100	75.0	33.00	44	100	100	100	100
1915.....	62.5	27.50	44	125	125	100	100	75.0	33.00	44	100	100	100	100
1916.....	62.5	27.50	44	125	125	100	100	75.0	33.00	44	100	100	100	100
1917.....	62.5	27.50	44	125	125	100	100	75.0	33.00	44	100	100	100	100
Plasterers' laborers.														
1907.....	45.0	19.80	44	100	100	100	100	62.5	27.50	44	100	100	100	100
1908.....	45.0	19.80	44	100	100	100	100	66.3	29.15	44	106	103	100	100
1909.....	45.0	19.80	44	100	100	100	100	66.3	29.15	44	106	106	100	100
1910.....	45.0	19.80	44	100	100	100	100	66.3	29.15	44	106	106	100	100
1911.....	56.3	24.75	44	125	125	100	100	66.3	29.15	44	106	106	100	100
1912.....	56.3	24.75	44	125	125	100	100	66.3	29.15	44	106	106	100	100
1913.....	56.3	24.75	44	125	125	100	100	66.3	29.15	44	106	106	100	100
1914.....	56.3	24.75	44	125	125	100	100	75.0	33.00	44	120	120	100	100
1915.....	56.3	24.75	44	125	125	100	100	75.0	33.00	44	120	120	100	100
1916.....	56.3	24.75	44	125	125	100	100	75.0	33.00	44	120	120	100	100
1917.....	56.3	24.75	44	125	125	100	100	75.0	33.00	44	120	120	100	100
Stereotypers, daywork, newspaper.														
Stonecutters.														
1907.....	46.9	22.50	48	100	100	100	100	56.3	24.75	44	100	100	100	100
1908.....	46.9	22.50	48	100	100	100	100	56.3	24.75	44	100	100	100	100
1909.....	50.0	24.00	48	107	107	100	100	56.3	24.75	44	100	100	100	100
1910.....	50.0	24.00	48	107	107	100	100	56.3	24.75	44	100	100	100	100
1911.....	50.0	24.00	48	107	107	100	100	56.3	24.75	44	100	100	100	100
1912.....	50.0	24.00	48	107	107	100	100	56.3	24.75	44	100	100	100	100
1913.....	53.8	25.80	48	115	115	100	100	56.3	24.75	44	100	100	100	100
1914.....	53.8	25.80	48	115	115	100	100	62.5	27.50	44	111	111	100	100
1915.....	53.8	25.80	48	115	115	100	100	62.5	27.50	44	111	111	100	100
1916.....	57.5	27.60	48	123	123	100	100	62.5	27.50	44	111	111	100	100
1917.....	57.5	27.60	48	123	123	100	100	62.5	27.50	44	111	111	100	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

ST. LOUIS, MO.—Concluded.

Year.	Structural-iron workers.											
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>												
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.....	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.....	67.5	29.70	44	113	113	100						
1917.....	70.0	30.80	44	117	117	100						

SAN FRANCISCO, CAL.

	Blacksmiths, manufacturing shops.						Boiler makers, manufacturing and jobbing shops.					
	Cents.						Cents.					
1907.....	44.4	\$24.00	54	100	100	100	50.0	\$27.00	54	100	100	100
1908.....	44.4	24.00	54	100	100	100	50.0	27.00	54	100	100	100
1909.....	45.7	24.00	52½	103	100	97	50.0	26.25	52½	100	97	97
1910.....	48.5	24.00	49½	109	100	92	50.0	24.75	49½	100	92	92
1911.....	50.0	24.00	48	113	100	89	50.0	24.00	48	100	89	89
1912.....	50.0	24.00	48	113	100	89	50.0	24.00	48	100	89	89
1913.....	50.0	24.00	48	113	100	89	50.0	24.00	48	100	89	89
1914.....	50.0	24.00	48	113	100	89	50.0	24.00	48	100	89	89
1915.....	50.0	24.00	48	113	100	89	50.0	24.00	48	100	89	89
1916.....	50.0	24.00	48	113	100	89	53.1	25.50	48	106	94	89
1917.....	50.0	24.00	48	113	100	89	53.1	25.50	48	106	94	89
 Bricklayers.												
1907.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1908.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1909.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1910.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1911.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1912.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1913.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1914.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1915.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1916.....	87.5	38.50	44	100	100	100	62.5	27.50	44	100	100	100
1917.....	87.5	38.50	44	100	100	100	68.8	30.25	44	110	110	100
 Cement finishers.												
1907.....	75.0	36.00	48	100	100	100	50.0	21.00	48	100	100	100
1908.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1909.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1910.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1911.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1912.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1913.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1914.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1915.....	75.0	33.00	44	100	92	92	50.0	24.00	48	100	100	100
1916.....	75.0	33.00	44	100	92	92	52.6	25.25	48	105	105	100
1917.....	75.0	33.00	44	100	92	92	54.2	26.00	48	108	108	100
 Carpenters.												

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

## SAN FRANCISCO, CAL.—Continued.

Year.	Compositors, daywork, newspaper.						Electrotypers: Finishers and molders.					
	Rates of wages—		Relative—				Rates of wages—		Relative—			
	Per hour.	Per week, full time.	Hours of labor per week, full time.	Rates of wages per hour.	Rates of wages per week, full time.	Hours of labor per week, full time.	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.	
1907.....	Cents.	\$27.00	45	100	100	100	50.0	\$24.00	48	100	100	100
1908.....	60.0	27.00	45	100	100	100	50.0	24.00	48	100	100	100
1909.....	64.4	29.00	45	107	107	100	50.0	24.00	48	100	100	100
1910.....	64.4	29.00	45	107	107	100	50.0	24.00	48	100	100	100
1911.....	64.4	29.00	45	107	107	100	53.1	25.50	48	106	106	100
1912.....	64.4	29.00	45	107	107	100	56.3	27.00	48	113	113	100
1913.....	64.4	29.00	45	107	107	100	56.3	27.00	48	113	113	100
1914.....	64.4	29.00	45	107	107	100	56.3	27.00	48	113	113	100
1915.....	69.0	29.00	42	115	107	93	56.3	27.00	48	113	113	100
1916.....	69.0	29.00	42	115	107	93	56.3	27.00	48	113	113	100
1917.....	69.0	29.00	42	115	107	93	56.3	27.00	48	113	113	100
Hod carriers.												
1907.....	50.0	22.00	44	100	100	100	60.0	27.00	45	100	100	100
1908.....	50.0	22.00	44	100	100	100	60.0	27.00	.45	100	100	100
1909.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1910.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1911.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1912.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1913.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1914.....	50.0	22.00	44	100	100	100	64.4	29.00	.45	107	107	100
1915.....	50.0	22.00	44	100	100	100	69.0	29.00	.42	115	107	93
1916.....	50.0	22.00	44	100	100	100	69.0	29.00	.42	115	107	93
1917.....	50.0	22.00	44	100	100	100	69.0	29.00	.42	115	107	93
Machinists, manufacturing shops.												
1907.....	38.9	21.00	54	100	100	100	44.4	24.00	.54	100	100	100
1908.....	38.9	21.00	54	100	100	100	44.4	24.00	.54	100	100	100
1909.....	40.0	21.00	52 $\frac{1}{2}$	103	100	97	45.7	24.00	52 $\frac{1}{2}$	103	100	97
1910.....	42.4	21.00	49 $\frac{1}{2}$	109	100	92	48.5	24.00	49 $\frac{1}{2}$	109	100	92
1911.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1912.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1913.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1914.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1915.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1916.....	43.8	21.00	48	113	100	89	50.0	24.00	.48	113	100	89
1917.....	50.0	24.00	48	129	114	89	50.0	24.00	.48	113	100	89
Painters.												
1907.....	50.0	24.00	48	100	100	100	87.5	38.50	.44	100	100	100
1908.....	50.0	24.00	48	100	100	100	87.5	38.50	.44	100	100	100
1909.....	50.0	24.00	48	100	100	100	87.5	38.50	.44	100	100	100
1910.....	56.3	24.75	44	113	103	92	87.5	38.50	.44	100	100	100
1911.....	56.3	24.75	44	113	103	92	87.5	38.50	.44	100	100	100
1912.....	56.3	24.75	44	113	103	92	87.5	38.50	.44	100	100	100
1913.....	56.3	24.75	44	113	103	92	87.5	38.50	.44	100	100	100
1914.....	59.4	26.13	44	119	109	92	87.5	38.50	.44	100	100	100
1915.....	62.5	27.50	44	125	115	92	87.5	38.50	.44	100	100	100
1916.....	62.5	27.50	44	125	115	92	87.5	35.00	.40	100	91	91
1917.....	62.5	27.50	44	125	115	92	87.5	35.00	.40	100	91	91
Plasterers.												

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

SAN FRANCISCO, CAL.—Concluded.

Year.	Plasterers' laborers.						Plumbers and gas fitters.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.
Cents.							Cents.					
1907.....	62.5	\$27.50	44	100	100	100	62.5	\$27.50	44	100	100	100
1908.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1909.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1910.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1911.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1912.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1913.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1914.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1915.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1916.....	62.5	27.50	44	100	100	100	75.0	33.00	44	120	120	100
1917.....	62.5	27.50	44	100	100	100	81.3	35.75	44	130	130	100
Stereotypers, daywork, newspaper.												
1907.....	53.3	24.00	45	100	100	100	62.5	27.50	44	100	100	100
1908.....	53.3	24.00	45	100	100	100	62.5	27.50	44	100	100	100
1909.....	60.0	27.00	45	113	113	100	62.5	27.50	44	100	100	100
1910.....	60.0	27.00	45	113	113	100	62.5	27.50	44	100	100	100
1911.....	60.0	27.00	45	113	113	100	62.5	27.50	44	100	100	100
1912.....	60.0	27.00	45	113	113	100	62.5	27.50	44	100	100	100
1913.....	60.0	27.00	45	113	113	100	70.0	30.80	44	112	112	100
1914.....	66.7	30.00	45	125	125	100	70.0	30.80	44	112	112	100
1915.....	66.7	30.00	45	125	125	100	70.0	30.80	44	112	112	100
1916.....	66.7	30.00	45	125	125	100	70.0	30.80	44	112	112	100
1917.....	66.7	30.00	45	125	125	100	70.0	30.80	44	112	112	100
Structural-iron workers.												
1907.....	62.5	30.00	48	100	100	100	62.5	27.50	44	100	100	100
1908.....	62.5	27.50	44	100	92	92	62.5	27.50	44	100	100	100
1909.....	62.5	27.50	44	100	92	92	62.5	27.50	44	100	100	100
1910.....	62.5	27.50	44	100	92	92	62.5	27.50	44	100	100	100
1911.....	62.5	27.50	44	100	92	92	62.5	27.50	44	100	100	100
1912.....	62.5	27.50	44	100	92	92	70.0	30.80	44	112	112	100
1913.....	75.0	33.00	44	120	110	92	70.0	30.80	44	112	112	100
1914.....	75.0	33.00	44	120	110	92	70.0	30.80	44	112	112	100
1915.....	75.0	33.00	44	120	110	92	70.0	30.80	44	112	112	100
1916.....	75.0	33.00	44	120	110	92	70.0	30.80	44	112	112	100
1917.....	75.0	33.00	44	120	110	92						

#### SEATTLE, WASH.

	Boiler makers, manufacturing and jobbing shops.						Bricklayers.					
	Cents.						Cents.					
1907.....	38.9	\$18.66	48	100	100	100	75.0	\$33.00	44	100	100	100
1908.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1909.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1910.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1911.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1912.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1913.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1914.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1915.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1916.....	50.0	24.00	48	129	129	100	75.0	33.00	44	100	100	100
1917.....	56.3	27.00	48	145	145	100	81.3	35.75	44	108	108	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Continued.

SEATTLE, WASH.—Continued.

Year.	Carpenters.						Cement finishers.					
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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>						<i>Cents.</i>					
1907.....	62.5	\$27.50	44	100	100	100	62.5	\$30.00	48	100	100	100
1908.....	50.0	22.00	44	80	80	100	62.5	30.00	48	100	100	100
1909.....	50.0	22.00	44	80	80	100	62.5	30.00	48	100	100	100
1910.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1911.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1912.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1913.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1914.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1915.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1916.....	56.3	24.75	44	90	90	100	62.5	30.00	48	100	100	100
1917.....	65.0	28.60	44	104	104	100	68.8	33.00	48	110	110	100
	Compositors, book and job.						Compositors, daywork, newspaper.					
1907.....	50.0	24.00	48	100	100	100	64.3	27.00	42	100	100	100
1908.....	50.0	24.00	48	100	100	100	64.3	27.00	42	100	100	100
1909.....	50.0	24.00	48	100	100	100	64.3	27.00	42	100	100	100
1910.....	50.0	24.00	48	100	100	100	64.3	27.00	42	100	100	100
1911.....	53.1	25.50	48	106	106	100	71.4	30.00	42	111	111	100
1912.....	53.1	25.50	48	106	106	100	71.4	30.00	42	111	111	100
1913.....	53.1	25.50	48	106	106	100	75.0	31.50	42	117	117	100
1914.....	53.1	25.50	48	106	106	100	75.0	31.50	42	117	117	100
1915.....	53.1	25.50	48	106	106	100	75.0	31.50	42	117	117	100
1916.....	53.1	25.50	48	106	106	100	75.0	31.50	42	117	117	100
1917.....	56.3	27.00	48	113	113	100	78.6	33.00	42	122	122	100
	Electrotypers: Finishers and molders.						Granite cutters, inside.					
1907.....	46.9	22.50	48	100	100	100	56.3	24.75	44	100	100	100
1908.....	47.9	23.00	48	102	102	100	62.5	27.50	44	111	111	100
1909.....	47.9	23.00	48	102	102	100	62.5	27.50	44	111	111	100
1910.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1911.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1912.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1913.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1914.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1915.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1916.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
1917.....	52.1	25.00	48	111	111	100	62.5	27.50	44	111	111	100
	Hod carriers.						Linotype operators, daywork, newspaper.					
1907.....	43.8	21.00	48	100	100	100	64.3	27.00	42	100	100	100
1908.....	43.8	21.00	48	100	100	100	64.3	27.00	42	100	100	100
1909.....	43.8	21.00	48	100	100	100	64.3	27.00	42	100	100	100
1910.....	43.8	21.00	48	100	100	100	64.3	27.00	42	100	100	100
1911.....	43.8	19.25	44	100	92	92	71.4	30.00	42	111	111	100
1912.....	43.8	19.25	44	100	92	92	71.4	30.00	42	111	111	100
1913.....	43.8	19.25	44	100	92	92	75.0	31.50	42	117	117	100
1914.....	43.8	19.25	44	100	92	92	75.0	31.50	42	117	117	100
1915.....	43.8	19.25	44	100	92	92	75.0	31.50	42	117	117	100
1916.....	43.8	19.25	44	100	92	92	75.0	31.50	42	117	117	100
1917.....	50.0	22.00	44	114	105	92	78.6	33.00	42	122	122	100

TABLE 9.—UNION SCALES OF WAGES PER HOUR AND PER WEEK AND OF HOURS OF LABOR PER WEEK IN MAY OF EACH YEAR, 1907 TO 1917, IN THE PRINCIPAL TRADES IN 13 IMPORTANT INDUSTRIAL CITIES—Concluded.

SEATTLE, WASH.—Concluded.

Year.	Machinists, manufacturing and jobbing shops.							Molders, iron.						
	Rates of wages—		Hours of labor per week, full time.	Relative—			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.	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.		
Cents.														
1907.....	40.0	\$21.60	54	100	100	100	44.4	\$24.00	54	100	100	100		
1908.....	40.0	21.60	54	100	100	100	44.4	24.00	54	100	100	100		
1909.....	40.0	21.60	54	100	100	100	44.4	24.00	54	100	100	100		
1910.....	40.0	21.60	54	100	100	100	44.4	24.00	54	100	100	100		
1911.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1912.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1913.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1914.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1915.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1916.....	45.0	21.60	48	113	100	89	44.4	24.00	54	100	100	100		
1917.....	50.0	24.00	48	125	111	89	56.3	27.00	48	127	113	89		
Painters.														
1907.....	56.3	24.75	44	100	100	100	81.3	35.75	44	100	100	100		
1908.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1909.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1910.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1911.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1912.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1913.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1914.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1915.....	56.3	24.75	44	100	100	100	75.0	33.00	44	92	92	100		
1916.....	56.3	24.75	44	100	100	100	75.0	30.00	40	92	84	91		
1917.....	65.0	28.60	44	115	116	100	87.5	35.00	40	108	98	91		
Plasterers' laborers.														
Plasterers.														
1907.....	50.0	24.00	48	100	100	100	62.5	27.50	44	100	100	100		
1908.....	50.0	24.00	48	100	100	100	68.8	30.25	44	110	110	100		
1909.....	50.0	24.00	48	100	100	100	81.3	35.75	44	130	130	100		
1910.....	50.0	24.00	48	100	100	100	81.3	35.75	44	130	130	100		
1911.....	50.0	22.00	44	100	92	92	81.3	35.75	44	130	130	100		
1912.....	50.0	22.00	44	100	92	92	81.3	35.75	44	130	130	100		
1913.....	50.0	22.00	44	100	92	92	81.3	35.75	44	130	130	100		
1914.....	50.0	22.00	44	100	92	92	75.0	33.00	44	120	120	100		
1915.....	50.0	22.00	44	100	92	92	75.0	33.00	44	120	120	100		
1916.....	50.0	22.00	44	100	92	92	75.0	33.00	44	120	120	100		
1917.....	50.0	20.00	40	100	83	83	81.3	35.75	44	130	130	100		
Stereotypers, daywork, newspaper.														
Structural-iron workers.														
1907.....	50.0	24.00	48	100	100	100	56.3	27.00	48	100	100	100		
1908.....	53.1	25.50	48	106	106	100	56.3	27.00	48	100	100	100		
1909.....	53.1	25.50	48	106	106	100	56.3	24.75	44	100	92	92		
1910.....	56.3	27.00	48	113	113	100	56.3	24.75	44	100	92	92		
1911.....	64.3	27.00	42	129	113	88	60.0	26.40	44	107	98	92		
1912.....	64.3	27.00	42	129	113	88	60.0	26.40	44	107	98	92		
1913.....	67.9	28.50	42	136	119	88	62.5	27.50	44	111	102	92		
1914.....	67.9	28.50	42	136	119	88	62.5	27.50	44	111	102	92		
1915.....	69.8	30.00	43	140	125	90	62.5	27.50	44	111	102	92		
1916.....	69.8	30.00	43	140	125	90	62.5	27.50	44	111	102	92		
1917.....	76.4	32.10	42	153	134	88	75.0	33.00	44	133	122	92		

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917.

## ATLANTA, GA.

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.	Pcck.	Lb.	Qts.	Lb.	Lb.	Lb.	Lb.	
1907.	\$0.175	\$0.138	\$0.163			\$0.158	\$0.229	\$0.200	\$0.128	\$0.187		\$0.772	\$0.020	\$0.238	\$0.347	\$0.308	\$0.056	\$0.094					
1908.	.188	.150	.163			.173	.250	.208	.128	.220		.798	.022	.256	.358	.278	.058	.097					
1909.	.233	.175	.190			.204	.258	.250	.148	.208		.878	.026	.279	.371	.281	.057	.097					
1910.	.235	.188	.202			.207	.296	.273	.178	.228		.905	.025	.313	.390	.294	.060	.100					
1911.	.220	.187	.199			.204	.296	.261	.151	.233		.859	.024	.294	.354	.389	.066	.107					
1912.	.237	.197	.203			.215	.326	.277	.150	.238		.898	.027	.308	.390	.391	.065	.103					
1913.	.240	.211	.191			.231	.317	.298	.154	.202		.875	.025	.292	.399	.322	.057	.102					
1914.	.256	.222	.195	\$0.161	\$0.101	.234	.310	.303	.156	.214	\$0.052	.864	.028	.311	.373	.364	.061	.103					
1915.	.250	.204	.183	.148	.101	.215	.293	.288	.150	.191	.060	.992	.027	.285	.379	.279	.068	.104	\$0.245	\$0.085	\$0.292	\$0.615	
1916.	.249	.209	.190	.154	.109	.233	.307	.316	.179	.205	.064	1.057	.027	.331	.408	.476	.056	.112	.262	.079	.281	.617	
1917.	.296	.262	.228	.188	.144	.319	.416	.391	.275	.263	.084	1.668	.048	.436	.506	.755	.100	.143	.336	.096	.292	.733	

## Quantity purchased for \$1.

	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pccks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.											
1907.	5.7	7.2	6.1			6.3	4.4	5.0	7.8	5.3		1.3	50.0	4.2	2.9	3.2	17.9	10.6					
1908.	5.3	6.7	6.1			5.8	4.0	4.8	7.8	4.5		1.3	45.5	3.9	2.8	3.6	17.2	10.3					
1909.	4.3	5.7	5.3			4.9	3.9	4.0	6.8	4.8		1.1	38.5	3.6	2.7	3.6	17.5	10.3					
1910.	4.3	5.3	5.0			4.8	3.4	3.7	5.6	4.4		1.1	40.0	3.2	2.6	3.4	16.7	10.0					
1911.	4.5	5.3	5.0			4.9	3.4	3.8	6.6	4.3		1.2	41.7	3.4	2.8	2.6	15.2	9.3					
1912.	4.2	5.1	4.9			4.7	3.1	3.6	6.7	4.2		1.1	37.0	3.2	2.6	2.6	15.4	9.7					
1913.	4.2	4.7	5.2			4.3	3.2	3.4	6.5	5.0		1.1	40.0	3.4	2.5	3.0	17.5	9.8					
1914.	3.9	4.5	5.1	6.2	9.9	4.3	3.2	3.3	6.4	4.7	10.2	1.2	35.7	3.2	2.7	2.7	16.4	9.9					
1915.	4.0	4.9	5.5	6.8	9.9	4.7	3.4	3.5	6.7	5.2	16.7	1.0	37.0	3.5	2.6	3.6	14.7	9.6					
1916.	4.0	4.8	5.3	6.5	9.2	4.3	3.3	3.2	5.6	4.9	15.6	.9	37.0	3.0	2.5	2.1	11.6	8.9					
1917.	3.4	3.8	4.4	5.3	6.9	3.1	2.4	2.6	3.6	3.8	11.9	.6	20.8	2.3	2.0	1.3	10.0	7.0					

## Relative prices.

1907.	100	100	100			100	100	100	100	100		100	100	100	100	100	100						100	
1908.	107	109	100			109	109	104	100	118		103	110	108	103	90	104	103						104
1909.	133	127	117			129	113	125	116	111		114	130	117	107	91	102	103						113
1910.	134	136	124			131	129	137	139	122		117	125	132	112	95	107	106						122
1911.	126	136	122			129	129	131	118	125		111	120	124	102	126	118	114						120
1912.	135	143	125			136	142	139	117	127		116	135	129	112	127	116	110						125
1913.	137	153	117			146	138	149	120	108		113	125	123	115	108	102	109						123
1914.	146	161	120			148	135	152	122	114		112	140	131	107	118	109	110						126
1915.	143	148	112			136	128	144	117	102		128	135	120	109	91	121	111						122
1916.	142	151	117			147	134	158	140	110		137	135	139	118	155	154	119						134
1917.	160	190	140			202	182	196	215	141		216	240	183	148	245	179	152						177

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—Continued.

## BALTIMORE, MD.

Money prices.

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	Lard.	Hens.	Bread.	Flour, 1 bbl.	Corn meal.	Eggs, strictly fresh.	But- ter.	Pota- toes.	Sugar.	Milk.	Cheese.	Rice.	Coffee.	Tea.	All art- icles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag,	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Lb.	Lb.	Lb.	Lb.	
1907..	\$0.163	\$0.149	\$0.146	.....	.....	\$0.139	\$0.167	\$0.237	\$0.120	\$0.171	.....	\$0.761	\$0.020	\$0.268	\$0.338	\$0.227	\$0.050	\$0.083	.....	.....	.....	.....	.....
1908..	.168	.157	.146	.....	.....	.134	.157	.227	.113	.173	.....	.842	.023	.264	.335	.258	.052	.088	.....	.....	.....	.....	.....
1909..	.174	.158	.147	.....	.....	.157	.164	.239	.138	.186	.....	.904	.024	.286	.372	.259	.053	.087	.....	.....	.....	.....	.....
1910..	.193	.175	.167	.....	.....	.186	.237	.284	.149	.209	.....	.860	.024	.307	.371	.222	.053	.086	.....	.....	.....	.....	.....
1911..	.185	.169	.162	.....	.....	.163	.214	.278	.129	.199	.....	.816	.024	.271	.354	.292	.057	.086	.....	.....	.....	.....	.....
1912..	.220	.189	.179	.....	.....	.178	.215	.281	.141	.195	.....	.853	.026	.304	.387	.323	.056	.086	.....	.....	.....	.....	.....
1913..	.230	.215	.183	.....	.....	.191	.231	.305	.145	.213	.....	.779	.025	.302	.397	.259	.049	.088	.....	.....	.....	.....	.....
1914..	.240	.225	.188	\$0.158	\$0.135	.190	.239	.307	.145	.216	\$0.049	.823	.025	.311	.377	.288	.053	.087	.....	.....	.....	.....	.....
1915..	.235	.216	.182	.154	.129	.177	.227	.288	.139	.211	.056	1.022	.026	.295	.384	.224	.061	.088	\$0.234	\$0.096	\$0.215	\$0.550	.....
1916..	.257	.235	.205	.167	.141	.212	.240	.330	.167	.241	.058	1.084	.027	.332	.410	.402	.074	.085	.260	.094	.235	.550	.....
1917..	.311	.297	.243	.212	.168	.311	.387	.421	.271	.294	.075	1.693	.052	.462	.510	.051	.088	.104	.345	.105	.257	.594	.....

## Quantity purchased for \$1.

	Lbs.	Bags,	Lbs.	Doz.	Lbs.	Pecks.	Lbs.	Qts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.										
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1907..	6.1	6.7	6.8	.....	.....	7.2	6.0	4.2	8.3	5.8	.....	1.3	50.0	3.7	3.0	4.4	20.0	12.0	.....	.....	.....	.....	.....
1908..	6.0	6.4	6.8	.....	.....	7.5	6.4	4.4	8.8	5.8	.....	1.2	43.0	3.8	3.0	3.9	19.2	11.4	.....	.....	.....	.....	.....
1909..	5.7	6.3	6.8	.....	.....	6.4	6.1	4.2	7.2	5.4	.....	1.1	41.7	3.5	2.7	3.9	18.9	11.5	.....	.....	.....	.....	.....
1910..	5.2	5.7	6.0	.....	.....	5.4	4.2	3.5	6.7	4.8	.....	1.2	41.7	3.3	2.7	4.5	18.9	11.6	.....	.....	.....	.....	.....
1911..	5.4	5.9	6.2	.....	.....	6.1	4.7	3.6	7.8	5.0	.....	1.2	41.7	3.7	2.8	3.4	17.5	11.6	.....	.....	.....	.....	.....
1912..	4.5	5.3	5.6	.....	.....	5.6	4.7	3.6	7.1	5.1	.....	1.2	38.5	3.3	2.6	3.1	17.9	11.6	.....	.....	.....	.....	.....
1913..	4.3	4.7	5.5	.....	.....	5.2	4.3	3.3	6.9	4.7	.....	1.3	40.0	3.3	2.5	3.9	20.4	11.4	.....	.....	.....	.....	.....
1914..	4.2	4.4	5.3	6.3	7.4	5.3	4.2	3.3	6.9	4.6	20.4	1.2	40.0	3.2	2.7	3.5	19.0	11.5	.....	.....	.....	.....	.....
1915..	4.3	4.6	5.5	6.5	7.8	5.6	4.4	3.5	7.2	4.7	17.9	1.0	38.5	3.4	2.6	4.5	16.4	11.4	4.3	10.4	4.7	1.8	.....
1916..	3.9	4.3	4.9	6.0	7.1	4.7	4.2	3.0	6.0	4.1	17.2	.9	37.0	3.0	2.4	2.5	13.5	11.8	3.8	10.6	4.3	1.8	.....
1917..	3.2	3.4	4.1	4.7	6.0	3.2	2.6	2.4	3.7	3.4	13.3	.6	19.2	2.2	2.0	1.5	11.4	9.6	2.9	9.5	3.9	1.7	.....

## Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1908..	103	105	100	.....	.....	96	94	96	94	101	101	111	115	99	99	114	104	106	.....	.....	.....	.....	.....	101
1909..	107	106	101	.....	.....	113	98	101	115	109	.....	119	120	107	110	114	106	104	.....	.....	.....	.....	.....	108
1910..	118	117	114	.....	.....	134	142	120	124	122	.....	113	120	115	110	98	106	104	.....	.....	.....	.....	.....	117
1911..	114	113	111	.....	.....	117	128	117	107	116	.....	107	120	101	105	129	114	104	.....	.....	.....	.....	.....	112
1912..	135	127	123	.....	.....	128	129	119	117	114	.....	112	130	113	114	142	112	104	.....	.....	.....	.....	.....	120
1913..	141	144	125	.....	.....	137	138	129	121	125	.....	102	125	113	117	114	98	106	.....	.....	.....	.....	.....	122
1914..	147	151	129	.....	.....	137	143	130	121	126	.....	108	125	116	112	127	106	105	.....	.....	.....	.....	.....	125
1915..	144	145	125	.....	.....	127	136	122	116	123	.....	134	130	110	114	99	122	106	.....	.....	.....	.....	.....	123
1916..	158	158	140	.....	.....	153	144	139	139	141	.....	142	135	124	121	177	148	102	.....	.....	.....	.....	.....	138
1917..	191	199	166	.....	.....	224	232	178	226	172	.....	222	260	172	151	287	176	125	.....	.....	.....	.....	.....	187

## BOSTON, MASS.

Money prices.

	<i>Lb.</i>	<i>Bag.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Peck.</i>	<i>Lb.</i>	<i>Qt.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>											
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	.174	.....	.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	.....
1917..	.419	.417	.297	.246	.....	.331	.395	.415	.278	.316	.078	1.848	.065	.586	.486	.678	.092	.119	.321	.109	.341	.629	.....

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>											
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	.....
1917..	2.4	2.4	3.4	4.1	.....	3.0	2.5	2.4	3.6	3.2	12.8	.5	15.4	1.7	2.1	1.5	10.9	8.4	3.1	9.2	2.9	1.6	.....

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	100	100	100	100	100
1908..	103	100	92	.....	.....	102	91	191	102	101	.....	112	100	104	95	107	102	101	.....	.....	.....	.....	100
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	.....	.....	.....	.....	107
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	125	117	.....	.....	127	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
1917..	147	159	141	.....	.....	194	181	174	209	163	.....	216	232	180	147	260	161	145	.....	.....	.....	.....	169

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—Continued.

## CHICAGO, ILL.

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.
1907.	\$0.182	\$0.43	\$0.165	.....	.....	\$0.137	\$0.210	\$0.191	\$0.123	\$0.144	.....	\$0.735	\$0.026	\$0.262	\$0.313	\$0.210	\$0.052	\$0.072	.....	.....	.....	.....	.....
1908.	.198	.149	.175	.....	.....	.146	.222	.198	.120	.153	.....	.734	.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	.346	.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	.058	.902	.032	.314	.336	.191	.061	.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	.....
1917.	.293	.258	.241	.203	.156	.294	.422	.400	.262	.268	.086	1.594	.057	.447	.464	.634	.086	.103	.342	.101	.289	.559	.....

## Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pecks.	Lbs.	Qts.	Lbs.	Lbs.	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	.....
1916.	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	.....
1917.	3.4	3.9	4.1	4.9	6.4	3.4	2.4	2.5	3.8	3.7	11.6	.6	17.5	2.2	2.2	1.6	11.6	9.7	2.9	9.9	3.5	1.8	.....

## Relative prices.

1907.	100	100	100	.....	.....	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	102	101	105
1909.	114	111	112	.....	.....	107	107	106	104	113	.....	117	112	109	104	114	104	103	109	106	105	109
1910.	114	113	113	.....	.....	120	114	115	120	113	.....	113	112	115	111	107	106	110	106	110	106	113
1911.	113	111	110	.....	.....	112	115	114	108	115	.....	110	112	111	107	143	121	111	111	111	111	113
1912.	129	134	127	.....	.....	126	121	126	117	124	.....	110	112	113	113	150	113	111	111	111	111	121
1913.	127	141	118	.....	.....	139	140	139	121	134	.....	93	112	111	116	107	98	111	111	111	111	120
1914.	140	156	125	.....	.....	145	145	146	122	136	.....	103	108	113	106	121	108	111	111	111	111	124
1915.	138	148	127	.....	.....	145	135	154	113	131	.....	123	123	120	107	91	117	111	111	111	124	
1916.	149	158	133	.....	.....	154	143	162	135	153	.....	133	127	129	121	179	140	117	117	117	117	138
1917.	161	180	146	.....	.....	215	201	209	213	186	.....	217	219	171	148	302	165	143	143	143	143	181

## CINCINNATI, OHIO.

Money prices.

	<i>Lb.</i>	<i>Bag.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Pk.</i>	<i>Lb.</i>	<i>Qt.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>											
1907.	\$0.159	\$0.125	\$0.144	.....	.....	\$0.149	\$0.182	\$0.190	\$0.120	\$0.193	.....	\$0.771	\$0.025	\$0.235	\$0.329	\$0.289	\$0.056	\$0.060	.....	.....	.....	
1908.	.167	.142	.148	.....	.....	.150	.187	.197	.120	.196	.....	.852	.027	.252	.323	.279	.057	.060	.....	.....	.....	
1909.	.175	.151	.158	.....	.....	.171	.223	.224	.136	.203	.....	.933	.027	.285	.341	.271	.057	.069	.....	.....	.....	
1910.	.173	.149	.158	.....	.....	.181	.235	.238	.157	.209	.....	.858	.029	.281	.358	.249	.059	.080	.....	.....	.....	
1911.	.173	.152	.156	.....	.....	.168	.222	.227	.127	.191	.....	.834	.029	.252	.335	.331	.064	.080	.....	.....	.....	
1912.	.199	.181	.173	.....	.....	.192	.226	.249	.131	.211	.....	.854	.027	.284	.372	.338	.061	.080	.....	.....	.....	
1913.	.231	.208	.191	.....	.....	.206	.251	.283	.141	.234	.....	.813	.027	.278	.385	.274	.053	.080	.....	.....	.....	
1914.	.237	.220	.198	\$0.157	\$0.125	.212	.261	.285	.136	.233	\$0.044	.834	.027	.291	.356	.293	.058	.080	.....	.....	.....	
1915.	.225	.206	.192	.150	.119	.189	.243	.266	.126	.227	1.014	.051	.026	.282	.353	.206	.065	.....	\$0.224	\$0.091	\$0.267	\$0.600
1916.	.236	.219	.199	.157	.120	.223	.266	.308	.163	.253	.053	1.077	.029	.323	.394	.407	.079	.082	.261	.090	.267	.600
1917.	.272	.259	.233	.189	.135	.310	.397	.387	.266	.305	.075	1.633	.053	.430	.486	.661	.092	.108	.340	.106	.271	.647

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>											
1907.	6.3	8.0	6.9	.....	.....	6.7	5.5	5.3	8.3	5.2	.....	1.3	40.0	4.3	3.0	3.5	17.9	16.7	.....	.....	.....	
1908.	6.0	7.0	6.8	.....	.....	6.7	5.3	5.1	8.3	5.1	.....	1.2	37.0	4.0	3.1	3.6	17.5	16.7	.....	.....	.....	
1909.	5.7	6.6	6.3	.....	.....	5.8	4.5	4.5	7.4	4.9	.....	1.1	37.0	3.5	2.9	3.7	17.5	14.5	.....	.....	.....	
1910.	5.8	6.7	6.3	.....	.....	5.5	4.3	4.2	6.4	4.8	.....	1.2	34.5	3.6	2.8	4.0	16.9	12.5	.....	.....	.....	
1911.	5.8	6.6	6.4	.....	.....	6.0	4.5	4.4	7.9	5.2	.....	1.2	34.5	4.0	3.0	3.0	15.6	12.5	.....	.....	.....	
1912.	5.0	5.5	5.8	.....	.....	5.2	4.4	4.0	7.6	4.7	.....	1.2	37.0	3.5	2.7	3.0	16.4	12.5	.....	.....	.....	
1913.	4.3	4.8	5.2	.....	.....	4.9	4.0	3.5	7.1	4.3	.....	1.2	37.0	3.6	2.6	3.6	18.9	12.5	.....	.....	.....	
1914.	4.2	4.5	5.1	6.4	8.0	4.7	3.8	3.5	7.4	4.3	22.7	1.2	37.0	3.4	2.8	3.4	17.2	12.5	4.5	11.0	3.7	1.7
1915.	4.4	4.9	5.2	6.7	8.4	5.3	4.1	3.8	7.9	4.4	19.6	1.0	38.5	3.5	2.8	4.9	15.4	12.5	.....	.....	.....	.....
1916.	4.2	4.6	5.0	6.4	8.3	4.5	3.8	3.2	6.1	4.0	18.9	.9	34.5	3.1	2.5	2.5	12.7	12.2	3.8	11.1	3.7	1.7
1917.	3.7	3.9	4.3	5.3	7.4	3.2	2.5	2.6	3.8	3.3	13.3	.6	18.9	2.3	2.1	1.5	10.9	9.3	2.9	9.4	3.7	1.5

Relative prices.

1907.	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	100	100	100
1908.	105	114	103	.....	.....	101	103	104	100	102	.....	111	108	107	98	97	102	100	.....	103	103
1909.	110	121	110	.....	.....	115	123	118	113	105	.....	121	108	121	104	94	102	115	.....	111	114
1910.	109	119	110	.....	.....	121	129	125	131	108	.....	111	116	120	109	86	105	133	.....	114	112
1911.	109	122	108	.....	.....	113	122	119	106	99	.....	108	116	107	102	115	114	133	.....	121	112
1912.	125	145	120	.....	.....	129	124	131	109	109	.....	111	108	121	113	117	109	133	.....	127	122
1913.	145	166	133	.....	.....	138	138	149	117	121	.....	105	108	118	117	95	95	133	.....	125	139
1914.	149	176	137	.....	.....	142	143	150	113	121	.....	108	108	124	108	101	104	133	.....	127	134
1915.	142	165	133	.....	.....	127	134	140	105	118	.....	132	104	120	107	71	116	133	.....	122	139
1916.	148	175	138	.....	.....	150	146	162	136	131	.....	140	116	137	120	141	141	137	.....	124	134
1917.	171	207	162	.....	.....	208	218	204	222	158	.....	212	212	183	148	229	164	180	.....	124	134

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—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.	
	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Bag.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Peck.</i>	<i>Lbs.</i>	<i>Qt.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>		
1907.	\$0.183	\$0.153	\$0.175	\$0.175	.....	.....	\$0.142	\$0.218	\$0.225	\$0.150	\$0.153	.....	.....	\$0.599	\$0.026	\$0.279	\$0.314	\$0.223	\$0.060	\$0.075	.....	.....	.....	.....
1908.	.185	.158	.175	.175	.....	.....	.146	.248	.256	.150	.162	.....	.....	.672	.026	.276	.327	.247	.059	.075	.....	.....	.....	.....
1909.	.192	.166	.179	.179	.....	.....	.164	.258	.267	.150	.180	.....	.....	.768	.026	.292	.340	.269	.060	.078	.....	.....	.....	.....
1910.	.200	.180	.175	.175	.....	.....	.186	.297	.294	.184	.201	.....	.....	.700	.026	.304	.354	.253	.061	.084	.....	.....	.....	.....
1911.	.199	.179	.176	.176	.....	.....	.172	.290	.292	.142	.180	.....	.....	.660	.025	.307	.334	.366	.067	.085	.....	.....	.....	.....
1912.	.223	.196	.172	.172	.....	.....	.179	.256	.265	.155	.194	.....	.....	.688	.027	.331	.364	.308	.064	.084	.....	.....	.....	.....
1913.	.235	.208	.172	.172	.....	.....	.195	.274	.290	.162	.203	.....	.....	.628	.025	.320	.373	.215	.055	.084	.....	.....	.....	.....
1914.	.233	.217	.175	\$0.161	\$0.101	.208	.276	.206	.159	.205	\$0.049	.654	.026	.320	.340	.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	.285	.177	.215	.062	.866	.027	.360	.374	.358	.080	.084	.262	.092	.295	.500	.....	
1917.	.285	.262	.222	.196	.133	.313	.435	.421	.286	.264	.085	.1305	.049	.455	.458	.631	.089	.099	.343	.106	.299	.550	.....	

*Quantity purchased for \$1.*

	<i>Lbs.</i>	<i>Bag.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>											
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	.....
1917.	3.5	3.8	4.5	5.1	7.5	3.2	2.3	2.4	3.5	3.8	11.8	.8	20.0	2.2	2.2	1.6	11.2	10.1	2.9	9.4	3.3	1.8	.....

*Relative prices.*

1907.	100	100	100	.....	.....	100	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	100	103	103	108	108
1909.	105	109	102	.....	.....	115	118	119	100	118	.....	130	100	105	108	121	100	104	104	104	104	114	114
1910.	109	118	100	.....	.....	131	136	131	123	131	.....	119	100	109	113	113	102	112	112	113	113	113	113
1911.	109	117	101	.....	.....	121	133	130	95	118	.....	112	96	110	106	164	112	113	113	113	113	113	113
1912.	122	128	98	.....	.....	126	117	118	103	127	.....	117	104	119	116	138	107	112	112	112	112	116	116
1913.	128	136	98	.....	.....	137	126	129	108	133	.....	106	96	115	119	96	92	112	112	112	115	115	115
1914.	127	142	100	.....	.....	146	127	132	106	134	.....	111	100	115	108	110	95	112	112	112	116	116	116
1915.	128	139	105	.....	.....	130	119	124	101	129	.....	141	108	115	109	104	117	112	112	112	118	118	118
1916.	135	139	107	.....	.....	145	131	131	118	141	.....	147	104	129	119	165	133	112	112	112	128	128	128
1917.	156	171	127	.....	.....	220	200	187	191	173	.....	221	188	163	146	283	148	132	132	132	166	166	166

## NEW ORLEANS, LA.

Money prices.

	<i>Lb.</i>	<i>Bags.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Pec.</i>	<i>Lb.</i>	<i>Qts.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>												
1907..	\$0.159	\$0.123	\$0.152	.....	\$0.166	\$0.210	\$0.175	\$0.128	\$0.137	.....	\$0.796	\$0.025	\$0.250	\$0.344	\$0.286	\$0.054	\$0.095	.....	.....	.....	.....			
1908..	.165	.130	.161	.....	.176	.224	.172	.130	.186	.....	.825	.028	.251	.348	.294	.058	.100	.....	.....	.....	.....			
1909..	.177	.137	.173	.....	.183	.224	.181	.148	.205	.....	.896	.027	.290	.373	.297	.059	.098	.....	.....	.....	.....			
1910..	.196	.142	.179	.....	.201	.293	.214	.172	.213	.....	.940	.025	.297	.384	.298	.058	.100	.....	.....	.....	.....			
1911..	.192	.133	.172	.....	.199	.290	.200	.134	.195	.....	.868	.025	.276	.348	.375	.063	.099	.....	.....	.....	.....			
1912..	.188	.147	.171	.....	.215	.311	.198	.141	.196	.....	.930	.032	.294	.377	.411	.061	.100	.....	.....	.....	.....			
1913..	.214	.187	.190	.....	.228	.299	.273	.149	.214	.....	.928	.027	.299	.380	.306	.052	.098	.....	.....	.....	.....			
1914..	.230	.200	.199	\$0.150	\$0.124	.244	.311	.272	.146	.225	\$0.044	.929	.028	.301	.358	.341	.058	.097	.....	.....	.....	.....		
1915..	.212	.187	.183	.133	.113	.237	.317	.276	.136	.214	.084	.052	.1.084	.029	.289	.358	.315	.065	.100	\$0.224	\$0.072	\$0.262	\$0.621	
1916..	.218	.193	.194	.144	.120	.240	.332	.291	.166	.240	.052	.1.172	.032	.324	.408	.488	.080	.102	.258	.073	.269	.625		
1917..	.266	.232	.224	.179	.149	.322	.450	.380	.268	.288	.073	.1.821	.056	.421	.493	.767	.092	.117	.334	.093	.273	.619		

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>											
1907..	6.3	8.1	6.6	.....	6.0	4.8	5.7	7.8	5.3	.....	1.3	40.0	4.0	2.9	3.5	18.5	10.5	.....	.....	.....	.....		
1908..	6.1	7.7	6.2	.....	5.7	4.5	5.8	7.7	5.4	.....	1.2	35.7	4.0	2.9	3.4	17.2	10.0	.....	.....	.....	.....		
1909..	5.6	7.3	5.8	.....	5.5	4.5	5.5	6.8	4.9	.....	1.1	37.0	3.4	2.7	3.4	16.9	10.2	.....	.....	.....	.....		
1910..	5.1	7.0	5.6	.....	5.0	3.4	4.7	5.8	4.7	.....	1.1	40.0	3.4	2.6	3.4	17.2	10.0	.....	.....	.....	.....		
1911..	5.2	7.5	5.8	.....	5.0	3.4	5.0	7.5	5.1	.....	1.2	40.0	3.6	2.9	2.7	15.9	10.1	.....	.....	.....	.....		
1912..	5.3	6.8	5.8	.....	4.7	3.2	5.1	7.1	5.1	.....	1.1	31.3	3.4	2.7	2.4	16.4	10.0	.....	.....	.....	.....		
1913..	4.7	5.3	5.3	.....	4.4	3.3	3.7	6.7	4.7	.....	1.1	37.0	3.3	2.6	3.3	19.2	10.2	.....	.....	.....	.....		
1914..	4.3	5.0	5.0	6.7	8.1	4.1	3.2	3.7	6.8	4.4	22.7	1.1	35.7	3.3	2.8	2.9	17.2	10.3	.....	.....	.....	.....	
1915..	4.7	5.3	5.5	7.5	8.8	4.2	3.2	3.6	7.4	4.7	19.2	.9	34.5	3.5	2.8	3.2	15.4	10.0	4.5	13.9	3.8	1.6	
1916..	4.6	5.2	5.2	6.9	8.3	4.2	3.0	3.4	6.0	4.2	19.2	.9	31.3	3.1	2.5	2.0	12.5	9.8	3.9	13.7	3.7	1.6	
1917..	3.8	4.3	4.5	5.6	6.7	3.1	2.2	2.6	3.7	3.5	13.7	.5	17.9	2.4	2.0	1.3	10.9	8.5	3.0	10.8	3.7	1.6	

Relative prices.

1907..	100	100	100	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	100	100	100	100
1908..	104	106	106	.....	106	107	98	102	99	.....	104	112	100	101	103	107	105	.....	.....	.....	104
1909..	111	111	114	.....	110	107	103	116	110	.....	113	108	116	108	104	109	103	.....	.....	.....	110
1910..	123	115	118	.....	121	140	122	134	114	.....	118	100	119	112	104	107	105	.....	.....	.....	118
1911..	121	108	113	.....	120	138	114	105	104	.....	109	100	110	101	131	117	104	.....	.....	.....	114
1912..	118	120	113	.....	130	148	113	110	105	.....	117	128	118	110	144	113	105	.....	.....	.....	120
1913..	135	152	125	.....	137	142	156	116	114	.....	117	108	120	110	107	96	103	.....	.....	.....	124
1914..	145	163	131	.....	147	148	155	114	120	.....	117	112	120	104	119	107	102	.....	.....	.....	127
1915..	133	152	120	.....	143	151	158	106	114	.....	136	116	116	104	110	120	105	.....	.....	.....	127
1916..	137	157	128	.....	145	158	166	130	128	.....	147	128	130	119	171	148	107	.....	.....	.....	140
1917..	167	189	147	.....	194	214	217	209	154	.....	229	224	168	143	268	170	123	.....	.....	.....	185

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—Continued.  
NEW YORK, N. Y.  
*Money prices.*

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	I ard.	Hens.	Bread.	Flour, $\frac{1}{2}$ 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..	\$0.199	\$0.181	\$0.176	.....	.....	\$0.159	\$0.194	\$0.210	\$0.146	\$0.178	.....	\$0.319	\$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	.389	.375	.....	.056	.089	.....	.....	.....	.....	.....				
1913..	.259	.249	.218	.....	.....	.217	.249	.225	.160	.214	.....	.788	.034	.397	.392	\$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	\$0.233	\$0.449	.....				
1916..	.281	.275	.231	.173	.158	.266	.261	.253	.173	.245	.060	1.103	.042	.404	.391	.430	.075	.092	.245	.091	.263	.454	.....				
1917..	.326	.326	.274	.213	.196	.327	.395	.282	.275	.293	.083	1.794	.067	.551	.488	.759	.088	.119	.329	.103	.264	.497	.....				
<i>Quantity purchased for \$1.</i>																											
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pecks.	Lbs.	Qts.	Lbs.	Lbs.	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	.....	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	4.3	10.8	3.8	2.2	.....	.....			
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	4.1	11.0	3.8	2.2	.....	.....			
1917..	3.1	3.1	3.6	4.7	5.1	3.1	2.5	3.5	3.6	3.4	12.0	.6	14.9	1.8	2.0	1.3	11.4	8.4	3.0	9.7	3.8	2.0	.....	.....			
<i>Relative prices.</i>																											
1907..	100	100	100	.....	.....	100	100	100	100	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	100	100	100	102	102	102	102	102		
1909..	102	106	104	.....	.....	113	119	104	103	107	.....	107	103	109	106	100	101	100	101	100	106	106	106	106	106		
1910..	108	111	107	.....	.....	125	131	106	114	111	.....	108	103	115	112	102	106	102	106	107	111	111	111	111	111		
1911..	109	112	108	.....	.....	117	120	101	98	110	.....	105	100	106	101	101	111	110	110	107	107	107	107	107	107		
1912..	123	127	118	.....	.....	126	116	101	103	111	.....	107	106	120	113	106	106	106	110	110	115	115	115	115	115	115	
1913..	130	138	124	.....	.....	136	128	107	110	120	.....	96	106	123	115	92	92	92	111	111	118	118	118	118	118	118	
1914..	135	145	126	.....	.....	144	131	110	108	122	.....	101	109	125	108	98	98	111	111	120	120	120	120	120	120	120	
1915..	131	143	122	.....	.....	149	128	106	102	120	.....	128	122	115	106	113	111	111	111	111	111	120	120	120	120	120	
1916..	141	152	131	.....	.....	167	135	120	118	138	.....	135	131	125	118	142	144	144	144	144	133	133	133	133	133	133	
1917..	164	180	156	.....	.....	206	204	134	188	165	.....	219	209	170	147	166	147	147	147	147	173	173	173	173	173	173	173

## PHILADELPHIA, PA.

Money prices.

	<i>Lb.</i>	<i>Bag.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Peck.</i>	<i>Lb.</i>	<i>Qt.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>													
1907..	\$0.248	\$0.196	\$0.184			\$0.161	\$0.199	\$0.225	\$0.135	\$0.197			\$0.793	\$0.025	\$0.296	\$0.381	\$0.300	\$0.053	\$0.080						
1908..	.249	.201	.182			.163	.208	.235	.139	.204			.843	.026	.298	.374	.315	.055	.080						
1909..	.252	.202	.183			.176	.213	.241	.154	.204			.911	.025	.326	.393	.307	.055	.080						
1910..	.254	.204	.183			.198	.255	.252	.165	.215			.896	.025	.337	.417	.292	.054	.080						
1911..	.255	.203	.185			.179	.231	.263	.133	.209			.845	.026	.307	.305	.365	.058	.080						
1912..	.271	.238	.210			.201	.232	.278	.155	.212			.852	.026	.344	.430	.393	.056	.080						
1913..	.302	.255	.220			.215	.261	.309	.152	.226			.776	.028	.349	.436	.329	.050	.080						
1914..	.310	.270	.225	\$0.184	\$0.121	.226	.268	.309	.150	.237	\$0.043	.822	.028	.365	.413	.351	.053	.080							
1915..	.301	.262	.215	.176	.117	.210	.266	.298	.142	.232	.048	.998	.029	.354	.413	.275	.061	.080	\$0.238	\$0.095	\$0.296	\$0.566			
1916..	.325	.284	.235	.191	.126	.242	.287	.343	.175	.261	.050	1.067	.031	.389	.449	.475	.075	.082	.263	.095	.291	.554			
1917..	.369	.340	.276	.237	.161	.336	.401	.440	.278	.310	.073	1.726	.053	.504	.542	.756	.087	.102	.349	.108	.279	.570			

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>													
1907..	4.0	5.1	5.4			6.2	5.0	4.4	7.4	5.1			1.3	40.0	3.4	2.6	3.3	18.9	12.5						
1908..	4.0	5.0	5.5			6.1	4.8	4.3	7.2	4.9			1.2	38.5	3.4	2.7	3.2	18.2	12.5						
1909..	4.0	5.0	5.5			5.7	4.7	4.1	6.5	4.9			1.1	40.0	3.1	2.5	3.3	18.2	12.5						
1910..	3.9	4.9	5.5			5.1	3.9	4.0	6.1	4.7			1.1	40.0	3.0	2.4	3.4	18.5	12.5						
1911..	3.9	4.9	5.4			5.6	4.3	3.8	7.5	4.8			1.2	38.5	3.3	2.5	2.7	17.2	12.5						
1912..	3.7	4.2	4.8			5.0	4.3	3.6	6.5	4.7			1.2	38.5	2.9	2.3	2.5	17.9	12.5						
1913..	3.3	3.9	4.5			4.7	3.8	3.2	6.6	4.4			1.3	35.7	2.9	2.3	3.0	20.0	12.5						
1914..	3.2	3.7	4.4	5.4	8.3	4.4	3.7	3.2	6.7	4.2	23.3		1.2	35.7	2.7	2.4	2.8	18.9	12.5						
1915..	3.3	3.8	4.7	5.7	8.5	4.8	3.8	3.4	7.0	4.3	20.8	1.0	1.2	34.5	2.8	2.4	3.6	16.4	12.5	4.2	10.5	3.4	1.8		
1916..	3.1	3.5	4.3	5.2	7.9	4.1	3.5	2.9	5.7	3.8	20.0	.9	1.3	32.3	2.6	2.2	2.1	13.3	12.2	3.8	10.5	3.4	1.8		
1917..	2.7	2.9	3.6	4.2	6.2	3.0	2.5	2.3	3.6	3.2	13.7	.6	1.8	20.9	2.0	1.8	1.3	11.5	9.8	2.9	9.3	3.6	1.8		

Relative prices.

1907..	100	100	100			100	100	100	100	100			100	100	100	100	100	100							100	
1908..	100	103	99			101	105	104	103	104			106	104	101	98	105	104	100							101
1909..	102	103	99			109	107	107	114	104			115	100	110	103	102	104	100							104
1910..	102	104	99			123	128	112	122	109			113	100	114	109	97	102	100							108
1911..	103	104	104	101		111	116	117	99	106			107	104	104	104	122	109	100							106
1912..	109	121	114			125	117	124	115	108			107	104	116	113	131	106	100							113
1913..	122	130	120			134	131	137	113	115			98	112	118	114	110	94	100							116
1914..	125	138	122			140	135	137	111	120			104	112	123	108	117	100	100							118
1915..	121	134	117			130	134	132	105	118			126	116	120	108	92	115	100							117
1916..	131	145	128			150	144	152	130	132			135	124	131	118	158	142	103							131
1917..	149	173	150			209	202	196	206	157			218	212	170	142	252	164	128							169

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—Continued.

## PITTSBURGH, PA.

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..	\$0.201	\$0.160	\$0.178	.....	.....	\$0.163	\$0.199	\$0.228	\$0.145	\$0.207	.....	30.793	\$0.028	\$0.280	\$0.333	\$0.217	\$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	.351	.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	.252	.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	.158	.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	.305	.326	.170	.288	.058	1.097	.033	.356	.408	.409	.082	.095	.258	.095	.266	.571	.....
1917..	.339	.310	.263	.227	.160	.335	.418	.421	.280	.350	.083	1.728	.064	.485	.501	.696	.098	.112	.333	.104	.289	.647	.....

## Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bag.	Lbs.	Doz.	Lbs.	Pcks.	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	.....	.....	6.0	4.5	4.2	6.5	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	4.5	5.7	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	.....	.....	.....	1.8
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	4.3	10.3	3.6	1.8
1916..	3.5	4.0	4.3	5.6	7.8	4.2	3.8	3.1	5.9	3.5	17.2	.9	30.3	2.8	2.5	2.4	12.2	10.5	3.9	10.5	3.8	1.8
1917..	2.9	3.2	3.8	4.4	6.3	3.0	2.4	2.4	3.6	2.9	12.0	.6	15.6	2.1	2.0	1.4	10.2	8.9	3.0	9.6	3.5	1.5

## 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
1917..	169	194	148	.....	.....	206	210	185	193	169	.....	218	229	173	150	282	161	140	.....	.....	.....	178

## ST. LOUIS, MO.

Money prices.

	<i>Lb.</i>	<i>Bags.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Peck.</i>	<i>Lb.</i>	<i>Qt.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>											
1907..	\$0.148	\$0.128	\$0.124	.....	.....	\$0.115	\$0.173	\$0.178	\$0.120	\$0.135	.....	\$0.678	\$0.020	\$0.245	\$0.326	\$0.269	\$0.059	\$0.071	.....	.....	.....	
1908..	.148	.136	.127	.....	.....	.118	.178	.179	.123	.124	.....	.719	.023	.258	.316	.283	.059	.073	.....	.....	.....	
1909..	.152	.141	.139	.....	.....	.134	.192	.200	.137	.143	.....	.778	.024	.272	.333	.269	.059	.073	.....	.....	.....	
1910..	.195	.181	.166	.....	.....	.178	.250	.258	.194	.174	.....	.777	.027	.279	.342	.338	.060	.074	.....	.....	.....	
1911..	.191	.176	.159	.....	.....	.171	.245	.270	.123	.166	.....	.707	.025	.254	.339	.369	.066	.073	.....	.....	.....	
1912..	.206	.187	.165	.....	.....	.178	.253	.264	.135	.165	.....	.752	.031	.284	.370	.315	.063	.075	.....	.....	.....	
1913..	.245	.223	.187	.....	.....	.189	.255	.269	.136	.178	.....	.725	.023	.266	.374	.247	.052	.083	.....	.....	.....	
1914..	.270	.245	.201	\$0.160	\$0.135	.204	.259	.279	.129	.187	\$0.051	.759	.026	.279	.354	.259	.056	.084	.....	.....	.....	
1915..	.259	.243	.201	.160	.123	.185	.254	.270	.121	.181	.058	.925	.027	.270	.351	.194	.062	.081	\$0.207	\$0.088	\$0.241	\$0.540
1916..	.267	.247	.204	.164	.125	.208	.265	.286	.160	.204	.059	.990	.029	.314	.396	.371	.078	.081	.248	.086	.242	.544
1917..	.299	.288	.244	.200	.155	.302	.398	.397	.255	.256	.087	1.557	.052	.426	.494	.632	.089	.109	.331	.097	.262	.579

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>										
1907..	6.8	7.8	8.1	.....	.....	8.7	5.8	5.6	8.3	7.4	.....	1.5	50.0	4.1	3.1	3.7	16.9	14.1	.....	.....	.....	.....
1908..	6.8	7.4	7.9	.....	.....	8.5	5.6	5.6	8.1	8.1	.....	1.4	43.5	3.9	3.2	3.5	16.9	13.7	.....	.....	.....	.....
1909..	6.6	7.1	7.2	.....	.....	7.5	5.2	5.0	7.3	7.0	.....	1.3	41.7	3.7	3.0	3.7	16.9	13.7	.....	.....	.....	.....
1910..	5.1	5.5	6.0	.....	.....	5.6	4.0	3.9	5.2	5.7	.....	1.3	37.0	3.6	2.9	3.0	16.7	13.5	.....	.....	.....	.....
1911..	5.2	5.7	6.3	.....	.....	5.8	4.1	3.7	8.1	6.0	.....	1.4	40.0	3.9	2.9	2.7	15.2	13.7	.....	.....	.....	.....
1912..	4.9	5.3	6.1	.....	.....	5.6	4.0	3.8	7.4	6.1	.....	1.3	32.3	3.6	2.7	3.2	15.9	13.3	.....	.....	.....	.....
1913..	4.1	4.5	5.3	.....	.....	5.3	3.9	3.7	7.4	5.6	.....	1.4	43.5	3.8	2.7	4.0	19.2	12.0	.....	.....	.....	.....
1914..	3.7	4.1	5.0	6.3	7.2	4.9	3.9	3.6	7.8	5.3	19.6	1.3	38.5	3.6	2.8	3.9	17.9	11.9	.....	.....	.....	.....
1915..	3.9	4.1	5.0	6.3	8.1	5.4	3.9	3.7	8.3	5.5	17.2	1.1	37.0	3.7	2.8	5.2	16.1	T2.3	4.8	11.4	4.1	1.9
1916..	3.7	4.0	4.9	6.1	8.0	4.8	3.8	3.5	6.3	4.9	16.9	1.0	34.5	3.2	2.5	2.7	12.8	12.3	4.0	11.6	4.1	1.8
1917..	3.3	3.5	4.1	5.0	6.5	3.3	2.5	2.5	3.9	3.9	11.5	.6	19.2	2.3	2.0	1.6	11.2	9.2	3.0	10.3	3.8	1.7

Relative prices.

1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	100	100	100
1908..	100	106	102	.....	.....	103	103	101	102	92	.....	106	115	105	97	105	100	103	102	102	107
1909..	103	110	112	.....	.....	117	111	112	114	106	.....	115	120	111	102	100	100	103	107	107	107
1910..	132	141	134	.....	.....	155	145	145	162	129	.....	115	135	114	105	126	102	104	124	124	124
1911..	129	138	128	.....	.....	149	142	152	102	123	.....	104	125	104	104	137	112	103	120	120	120
1912..	139	146	133	.....	.....	155	146	148	113	122	.....	111	155	116	113	117	107	106	124	124	124
1913..	166	174	151	.....	.....	164	147	151	113	132	.....	107	115	109	115	92	88	117	127	127	127
1914..	182	191	162	.....	.....	177	150	157	107	139	.....	112	130	114	109	96	95	118	132	132	132
1915..	175	190	162	.....	.....	161	147	152	101	134	.....	136	135	110	108	72	105	114	129	129	129
1916..	180	193	165	.....	.....	181	153	161	133	151	.....	146	145	128	121	138	132	114	145	145	145
1917..	202	225	197	.....	.....	263	230	223	213	190	.....	230	260	174	152	235	151	154	194	194	194

TABLE 10.—AVERAGE AND RELATIVE PRICES AND QUANTITY OF FOOD PURCHASED FOR \$1, IN 13 CITIES, 1907 TO 1917—Concluded.

## SAN FRANCISCO, CAL.

Money prices.

Year.	Sirloin steak.	Round steak.	Rib roast.	Chuck roast.	Plate boiling beef.	Pork chops.	Bacon.	Ham.	Lard.	Hens.	Bread.	Flour, 1/2 bbl.	Corn meal.	Eggs, strictly fresh.	But- ter.	Pota- toes.	Sugar.	Milk.	Cheese.	Rice.	Coffee.	Tea.	All art- icles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Bag.	Lb.	Doz.	Lb.	Peck.	Lb.	Qt.	Qt.	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	.320	.061	.100	.....	.....	.....	.....	.....
1909.	.155	.129	.172	.....	.....	.192	.269	.253	.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	.....
1917.	.231	.226	.226	.160	.154	.316	.446	.430	.278	.289	.076	1.548	.061	.465	.472	.569	.083	.107	.299	.099	.305	.523	.....

## Quantity purchased for \$1.

	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bags.	Lbs.	Doz.	Lbs.	Pecks.	Lbs.	Qts.	Lbs.	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	.....
1917.	4.3	4.4	4.4	6.3	6.5	3.2	2.2	2.3	3.6	3.5	13.2	.6	16.4	2.2	2.1	1.8	12.0	9.3	3.3	10.1	3.3	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	.....	.....	100	103	99	97	92	107	100	.....	.....	.....	.....	104
1909.	101	103	103	.....	.....	101	108	100	118	.....	.....	123	107	115	103	96	104	100	.....	.....	.....	.....	107
1910.	102	112	106	.....	.....	107	126	106	137	.....	.....	117	107	109	107	92	104	98	.....	.....	.....	.....	105
1911.	110	124	110	.....	.....	106	125	102	106	.....	.....	107	113	102	97	108	102	98	.....	.....	.....	.....	108
1912.	120	132	116	.....	.....	111	121	86	110	.....	.....	110	117	94	109	92	105	100	.....	.....	.....	.....	112
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
1917.	151	181	135	.....	.....	166	178	152	196	.....	.....	211	203	128	133	158	146	107	.....	.....	.....	.....	146

## SEATTLE, WASH.

Money prices.

	<i>Lb.</i>	<i>Bags.</i>	<i>Lb.</i>	<i>Doz.</i>	<i>Lb.</i>	<i>Peck.</i>	<i>Lb.</i>	<i>Qts.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>											
1907..	\$0.151	\$0.125	\$0.159	.....	.....	\$0.165	\$0.227	\$0.217	\$0.150	\$0.210	.....	\$0.693	\$0.028	\$0.383	\$0.342	\$0.317	30.065	\$0.078	.....	.....	.....	.....	
1908..	.158	.133	.160	.....	.....	.180	.250	.232	.150	.206	.....	.707	.031	.392	.369	.241	.058	.084	.....	.....	.....	.....	
1909..	.177	.142	.177	.....	.....	.193	.257	.244	.160	.233	.....	.800	.033	.428	.397	.279	.065	.084	.....	.....	.....	.....	
1910..	.178	.151	.168	.....	.....	.234	.303	.885	.189	.240	.....	.806	.033	.417	.417	.233	.067	.092	.....	.....	.....	.....	
1911..	.180	.162	.162	.....	.....	.222	.289	.271	.156	.236	.....	.709	.028	.392	.380	.335	.066	.090	.....	.....	.....	.....	
1912..	.205	.180	.177	.....	.....	.232	.289	.281	.160	.225	.....	.710	.030	.368	.388	.230	.067	.088	.....	.....	.....	.....	
1913..	.234	.208	.193	.....	.....	.240	.317	.302	.175	.241	.....	.712	.031	.376	.400	.180	.061	.089	.....	.....	.....	.....	
1914..	.235	.209	.190	\$0.149	0.124	.240	.329	.312	.162	.235	\$0.053	.755	.033	.384	.367	.220	.063	.090	.....	.....	.....	.....	
1915..	.230	.205	.186	.140	.117	.222	.317	.291	.151	.219	.063	.894	.034	.358	.343	.233	.069	.088	30.220	\$0.082	\$0.326	\$0.488	
1916..	.225	.204	.190	.140	.114	.223	.319	.302	.167	.228	.067	.874	.035	.385	.385	.296	.083	.090	.242	.085	.326	.498	
1917..	.259	.244	.222	.180	.146	.335	.444	.393	.271	.271	.087	1.460	.060	.478	.485	.499	.090	.112	.300	.099	.318	.518	

Quantity purchased for \$1.

	<i>Lbs.</i>	<i>Bags.</i>	<i>Lbs.</i>	<i>Doz.</i>	<i>Lbs.</i>	<i>Pecks.</i>	<i>Lbs.</i>	<i>Qts.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>	<i>Lbs.</i>											
1907..	6.6	8.0	6.3	.....	.....	6.1	4.4	4.6	6.7	4.8	.....	1.4	35.7	2.6	2.9	3.2	15.4	12.8	.....	.....	.....	.....	
1908..	6.3	7.5	6.3	.....	.....	5.6	4.0	4.3	6.7	4.9	.....	1.4	32.3	2.6	2.7	4.1	14.7	11.9	.....	.....	.....	.....	
1909..	5.6	7.0	5.6	.....	.....	5.2	3.9	4.1	6.3	4.3	.....	1.3	30.3	2.3	2.5	3.6	15.4	11.9	.....	.....	.....	.....	
1910..	5.6	6.6	6.0	.....	.....	4.3	3.3	3.5	5.3	4.2	.....	1.2	30.3	2.4	2.4	4.3	14.9	10.9	.....	.....	.....	.....	
1911..	5.6	6.2	6.2	.....	.....	4.5	3.5	3.7	6.4	4.2	.....	1.4	35.7	2.6	2.6	3.0	15.2	11.1	.....	.....	.....	.....	
1912..	4.9	5.6	5.6	.....	.....	4.3	3.5	3.6	6.3	4.4	.....	1.4	33.3	2.7	2.6	4.3	14.9	11.4	.....	.....	.....	.....	
1913..	4.3	4.8	5.2	.....	.....	4.2	3.2	3.3	5.7	4.1	.....	1.4	32.3	2.7	2.5	5.6	16.4	11.2	.....	.....	.....	.....	
1914..	4.3	4.8	5.3	6.7	8.1	4.2	3.0	3.2	6.2	4.3	18.9	1.3	30.3	2.6	2.7	4.5	15.9	11.1	.....	.....	.....	.....	
1915..	4.3	4.9	5.4	7.1	8.5	4.5	3.2	3.4	6.6	4.6	15.9	1.2	29.4	2.8	2.9	4.3	14.5	11.4	4.5	12.2	3.1	2.0	
1916..	4.4	4.9	5.3	7.1	8.8	4.5	3.1	3.3	6.0	4.4	14.9	1.1	28.6	2.6	2.6	3.4	12.0	11.1	4.1	11.8	3.1	2.0	
1917..	3.9	4.1	4.5	5.6	6.8	3.0	2.3	2.5	3.7	3.7	11.5	.7	16.7	2.1	2.1	2.0	11.1	8.9	3.3	10.1	3.1	1.9	

Relative prices.

	<i>100</i>	<i>100</i>	<i>100</i>	.....	.....	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	.....	<i>100</i>											
1907..	100	100	100	.....	.....	100	100	100	100	100	.....	100	100	100	100	100	100	100	100	100	100	100	100
1908..	105	106	101	.....	.....	109	110	107	100	98	.....	102	111	102	108	76	105	108	.....	.....	.....	.....	100
1909..	117	114	111	.....	.....	117	113	112	107	111	.....	115	118	112	116	88	100	108	.....	.....	.....	.....	111
1910..	118	121	106	.....	.....	142	133	131	126	114	.....	116	118	109	122	74	103	118	.....	.....	.....	.....	115
1911..	119	130	102	.....	.....	135	127	125	104	112	.....	102	100	102	111	106	102	115	.....	.....	.....	.....	112
1912..	136	144	111	.....	.....	141	127	129	107	107	.....	102	107	96	113	73	103	113	.....	.....	.....	.....	113
1913..	155	166	121	.....	.....	145	140	139	117	115	.....	103	111	98	117	57	94	114	.....	.....	.....	.....	118
1914..	156	167	119	.....	.....	145	145	144	108	112	.....	109	118	100	107	69	97	115	.....	.....	.....	.....	118
1915..	152	164	117	.....	.....	135	140	134	101	104	.....	125	121	93	100	74	106	113	.....	.....	.....	.....	117
1916..	149	163	119	.....	.....	135	141	139	111	108	.....	126	125	101	113	93	128	115	.....	.....	.....	.....	124
1917..	172	195	140	.....	.....	203	196	181	181	129	.....	211	214	125	142	157	138	144	.....	.....	.....	.....	159

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY GEOGRAPHICAL DIVISIONS AND CITIES, ON MAY 15, 1917, AND MAY 15, 1916.

BAKERY TRADES.

BAKERS.

[When both rates and hours were the same in 1916 as in 1917, the 1916 figures are not printed.]

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevail'd	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sun-days and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Benchmen.....	1 25.0	15.00	1	1	1 10 -10 -60				
Foremen or first hands.....	2 30.0	18.00	1	1	2 10 -10 -60				
Second hands.....	3 26.7	16.00	1	1	3 10 -10 -60				
Hebrew bread—									
Benchmen.....	45.8	22.00	(4)	5 1	8 - 8 -48		37.5	18.00	
Foremen or first hands.....	58.3	28.00	(4)	5 1	8 - 8 -48		50.0	24.00	
Second hands.....	52.1	25.00	(4)	5 1	8 - 8 -48		41.7	20.00	
Bridgeport, Conn.:									
Hand bakeries—									
Benchmen.....	35.2	19.00	6 50c.	7 1	9 - 9 -54		29.6	16.00	
Foremen, 3 or more men.....	46.3	25.00	6 50c.	7 1	9 - 9 -54		38.9	21.00	
Foremen, 1 or 2 men.....	46.3	25.00	6 50c.	7 1	9 - 9 -54		35.2	19.00	
Oven men.....	42.6	23.00	6 50c.	7 1	9 - 9 -54		(8)	(8)	
Second hands.....	38.9	21.00	6 50c.	7 1	9 - 9 -54		31.5	17.00	
Machine bakeries—									
Benchmen.....	39.6	19.00	6 50c.	7 1	8 - 8 -48		(8)	(8)	
Foremen, 3 or more men.....	52.1	25.00	6 50c.	7 1	8 - 8 -48		(8)	(8)	
Oven men and mixers.....	47.9	23.00	6 50c.	7 1	8 - 8 -48		(8)	(8)	
Second hands.....	43.8	21.00	6 50c.	7 1	8 - 8 -48		(8)	(8)	
Helpers.....	33.3	16.00	6 50c.	7 1	8 - 8 -48		(8)	(8)	
Hebrew bread—									
Benchmen.....	38.9	21.00	6 40c.	5 1	9 - 9 -54		31.6	18.00	
Foremen, 2 or more men.....	50.0	27.00	6 65c.	6 1	9 - 9 -54		43.2	24.60	
Foremen.....	50.0	27.00	6 65c.	6 1	9 - 9 -54		38.6	22.00	
Second hands.....	44.4	24.00	6 50c.	6 1	9 - 9 -54		35.1	20.00	
Buffalo, N. Y.:									
Hand bakeries—									
Benchmen, day.....	35.2	19.00	6 50c.	2	9 - 9 -54		31.5	17.00	
Benchmen, night.....	37.0	20.00	6 50c.	1	9 - 9 -54		33.3	18.00	
Oven men, day.....	38.9	21.00	6 60c.	2	9 - 9 -54		35.2	19.00	
Oven men, night.....	40.7	22.00	6 60c.	1	9 - 9 -54		37.0	20.00	
Machine bakeries—									
Benchmen, day.....	35.2	19.00	6 50c.	2	9 - 9 -54		31.5	17.00	
Oven men, day.....	38.9	21.00	6 60c.	2	9 - 9 -54		35.2	19.00	
Polish bread—									
First hands, day.....	35.0	21.00	6 50c.	1	10 -10 -60		33.3	20.00	
First hands, night.....	36.7	22.00	6 50c.	1	10 -10 -60		33.3	20.00	
Second hands, day.....	30.0	18.00	6 40c.	1	10 -10 -60		28.3	17.00	
Second hands, night.....	31.7	19.00	6 40c.	1	10 -10 -60		28.3	17.00	
Newark, N. J.:									
Hand bakeries—									
Bakers, 1-man shops.....	37.0	20.00	6 50c.	10 1	9 9 - 9 -54		35.2	19.00	
First hands, 2 and 3 man shops.....	37.0	20.00	6 50c.	10 1	9 9 - 9 -54		35.2	19.00	
Second hands, 2 and 3 man shops.....	33.3	18.00	6 50c.	10 1	9 9 - 9 -54		31.5	17.00	
Third hands, 3-man shops.....	29.6	16.00	6 50c.	10 1	9 9 - 9 -54		27.8	15.00	
Machine bakeries—									
Benchmen.....	35.4	17.00	6 50c.	10 1	11 8 - 8 -48		31.5	17.00	
Oven men and mixers.....	41.7	20.00	6 60c.	10 1	11 8 - 8 -48		37.0	20.00	
Oven men's helpers.....	39.6	19.00	6 50c.	10 1	11 8 - 8 -48		35.2	19.00	

<sup>1</sup> Scale became 31.5 cents and 54 hours on June 1, 1917.

<sup>2</sup> Scale became 40.7 cents and 54 hours on June 1, 1917.

<sup>3</sup> Scale became 35.2 cents and 54 hours on June 1, 1917.

<sup>4</sup> Work prohibited.

<sup>5</sup> Hebrew holidays off, with pay.

<sup>6</sup> Rate, in cents, per hour.

<sup>7</sup> Holidays off, with pay.

<sup>8</sup> No scale in effect on May 15, 1916.

<sup>9</sup> Sundays, 9 hours; do not work on Saturdays.

<sup>10</sup> Do not work on holidays.

<sup>11</sup> Sundays, 8 hours; do not work on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC—continued.</b>									
Newark, N. J.—Concluded. Hebrew bread—									
Foremen or oven men, day.....	Cents. 53.7	Dolls. 29.00	Regular rate multiplied by— <sup>1</sup> 65c. <sup>2</sup> 1		\$ 9 - 9 - 54	.....	Cents. 48.1	Dolls. 26.00	
Foremen or oven men, night.....	55.6	30.00	1 65c. <sup>2</sup> 1		\$ 9 - 9 - 54	.....	50.0	27.00	
Second hands or mixers, day.....	48.1	26.00	1 65c. <sup>2</sup> 1		\$ 9 - 9 - 54	.....	42.6	23.00	
Second hands or mixers, night.....	50.0	27.00	1 65c. <sup>2</sup> 1		\$ 9 - 9 - 54	.....	44.4	24.00	
New Haven, Conn.: Hand bakeries—									
First hands or foremen.....	44.4	24.00	1 50c. <sup>4</sup> 1		9 - 9 - 54	.....	38.9	21.00	
Second hands.....	38.9	21.00	1 50c. <sup>4</sup> 1		9 - 9 - 54	.....	33.3	18.00	
Benchmen.....	37.0	20.00	1 50c. <sup>4</sup> 1		9 - 9 - 54	.....	31.5	17.00	
Oven men.....	40.7	22.00	1 50c. <sup>4</sup> 1		9 - 9 - 54	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>5</sup> )	
Hebrew bread—									
First hands.....	45.6	26.00	1 50c. <sup>2</sup> 1		6 9½ - 9½ - 57	.....	42.1	24.00	
Second hands.....	38.6	22.00	1 45c. <sup>2</sup> 1		6 9½ - 9½ - 57	.....	35.1	20.00	
Third hands.....	35.1	20.00	1 45c. <sup>2</sup> 1		6 9½ - 9½ - 57	.....	31.6	18.00	
Italian bread, hand and machine bakeries—									
Foremen, 2 regular ovens, 4 bakings per day.....	31.6	18.00	7 135c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	24.6	14.00	
Foremen, 1 medium oven, 3 bakings per day.....	31.6	18.00	7 180c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Foremen, 1 regular oven, 3 bakings per day.....	29.8	17.00	7 170c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Foremen, extra large oven, 2 bakings per day.....	29.8	17.00	7 260c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Second hands, 2 regular ovens, 4 bakings per day.....	28.1	16.00	7 135c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	21.1	12.00	
Second hands, 1 medium oven, 3 bakings per day.....	28.1	16.00	7 180c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Second hands, 1 regular oven, 3 bakings per day.....	26.3	15.00	7 170c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Second hands, extra large oven, 2 bakings per day.....	26.3	15.00	7 260c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Machine bakeries—									
Foremen, regular ovens, 4 bakings per day.....	35.1	20.00	7 150c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	28.1	16.00	
Foremen, extra large ovens, 3 bakings per day.....	31.6	18.00	7 180c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	( <sup>6</sup> )	( <sup>6</sup> )	
Second hands, regular ovens, 4 bakings per day.....	31.6	18.00	7 150c. <sup>8</sup> 1		9 9½ - 9½ - 57	.....	24.6	14.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Hebrew holidays off, with pay.<sup>3</sup> Sundays, 9 hours; do not work on Fridays.<sup>4</sup> Holidays off, with pay.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> Sundays, 9½ hours; do not work on Fridays.<sup>7</sup> Rate, in cents, per baking.<sup>8</sup> Holidays off, with pay, for performing extra half day's work on preceding day.<sup>9</sup> Sundays, 9½ hours; do not work on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
New York, N. Y. : Hand and machine bakers—										
First hands, union A, Bronx.....	Cents. 41.2	Dollars. 21.00	1 45c.	Regular rate multiplied by— 1	8½- 8½-51		Cents. 37.3	Dollars. 19.00	8½- 8½-51	
First hands, union B, Brooklyn.....	38.9	21.00	2 60c.	8½	9 - 9 - 54		35.2	19.00	9 - 9 - 54	
First hands, union C, Manhattan.....	37.0	20.00	2 50c.	8½	9 - 9 - 54		30.0	18.00	10 - 10 - 60	
First hands, union M, Bronx.....	41.2	21.00	1 50c.	1	8½- 8½-51		35.2	19.00	9 - 9 - 54	
First hands, union P, Manhattan.....	39.2	20.00	2 45c.	8½	8½- 8½-51		35.3	18.00	8½- 8½-51	
First hands, union Q, Manhattan.....	43.1	22.00	2 40c.	1	8½- 8½-51		39.2	20.00	8½- 8½-51	
Second hands, union A, Bronx.....	35.3	18.00	1 45c.	1	8½- 8½-51		29.6	16.00	9 - 9 - 54	
Second hands, union B, Brooklyn.....	33.3	18.00	2 50c.	8½	9 - 9 - 54		29.6	16.00	9 - 9 - 54	
Second hands, union C, Manhattan.....	33.3	18.00	2 40c.	8½	9 - 9 - 54		26.7	16.00	10 - 10 - 60	
Second hands, union D, Manhattan.....	35.3	18.00	2 45c.	1	8½- 8½-51		29.6	16.00	9 - 9 - 54	
Second hands, union M, Bronx.....	35.3	18.00	1 40c.	1	8½- 8½-51		31.4	16.00	8½- 8½-51	
Second hands, union N, Manhattan.....	37.0	20.00	2 40c.	8½	9 - 9 - 54		(4)	(4)	(4)	
Second hands, union O, Brooklyn.....	40.7	22.00	2 40c.	1	9 - 9 - 54		33.3	18.00	9 - 9 - 54	
Second hands, union P, Manhattan.....	35.3	18.00	2 45c.	8½	8½- 8½-51		31.4	16.00	8½- 8½-51	
Second hands, union Q, Manhattan.....	39.2	20.00	2 35c.	1	8½- 8½-51		35.3	18.00	8½- 8½-51	
Third hands, union A, Bronx.....	31.4	16.00	1 45c.	1	8½- 8½-51		25.9	14.00	9 - 9 - 54	
Third hands, union B, Brooklyn.....	31.5	17.00	2 50c.	8½	9 - 9 - 54		27.8	15.00	9 - 9 - 54	
Third hands, union C, Manhattan.....	31.5	17.00	2 40c.	8½	9 - 9 - 54		25.0	15.00	10 - 10 - 60	
Third hands, union D, Manhattan.....	31.4	16.00	2 45c.	1	8½- 8½-51		25.9	14.00	9 - 9 - 54	
Third hands, union E, Manhattan.....	31.4	16.00	5 45c.	1	8½- 8½-51		25.9	14.00	9 - 9 - 54	
Third hands, union M, Bronx.....	31.4	16.00	1 40c.	1	8½- 8½-51		27.5	14.00	8½- 8½-51	
Third hands, union O, Brooklyn.....	31.4	16.00	6 45c.	1	8½- 8½-51		27.5	14.00	8½- 8½-51	
Third hands, union Q, Manhattan.....	33.3	18.00	2 40c.	1	9 - 9 - 54		27.8	15.00	9 - 9 - 54	
Fourth hands, union P, Manhattan.....	35.3	18.00	2 30c.	1	8½- 8½-51		31.4	16.00	8½- 8½-51	
Benchmen, union C, Manhattan.....	31.4	16.00	2 40c.	8½	8½- 8½-51		27.5	14.00	8½- 8½-51	
Benchmen, union E, Manhattan.....	33.3	18.00	2 40c.	8½	9 - 9 - 54		(4)	(4)	(4)	
	35.3	18.00	6 45c.	1	8½- 8½-51		29.6	16.00	9 - 9 - 54	

<sup>1</sup> Rate, in cents, per hour; overtime limited to 2 hours per day.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Holidays off, with pay.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Rate, in cents, per hour; overtime limited to 2 hours per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH ATLANTIC—continued.										
New York, N. Y.—Contd. Hand and machine bakeries—Concluded.										
Foremen with 3 men, union C, Manhattan.	Cents. 37.0	Dolls. 20.00	Regular rate multiplied by 2 1 1 50c.	2 1	9 - 9 - 54	.....	Cents. (3)	Dolls. (3)	(3)	
Foremen with more than 3 men, union C, Manhattan.	40.7	22.00	1 50c.	2 1	9 - 9 - 54	.....	(3)	(3)	(3)	
Foremen, union E, Manhattan.	41.2	21.00	50c.	1	8½ - 8½ - 51	.....	35.2	19.00	9 - 9 - 54	
Foremen, union O, Brooklyn.	48.1	26.00	1 50c.	1	9 - 9 - 54	.....	42.6	23.00	9 - 9 - 54	
Oven men, union C, Manhattan.	37.0	20.00	1 40c.	2 1	9 - 9 - 54	.....	(3)	(3)	(3)	
Oven men and dough mixers, union O, Brooklyn.	40.7	22.00	1 50c.	1	9 - 9 - 54	.....	35.2	19.00	9 - 9 - 54	
Last hand, union C, Manhattan.	31.5	17.00	1 40c.	2 1	9 - 9 - 54	.....	(3)	(3)	(3)	
Machine bakeries—										
Benchmen, union A, Bronx.	37.3	19.00	4 40c.	1	8½ - 8½ - 51	.....	33.3	17.00	8½ - 8½ - 51	
Benchmen, union B, Manhattan.	37.3	19.00	1 45c.	1	8½ - 8½ - 51	.....	33.3	17.00	8½ - 8½ - 51	
Foremen, union A, Bronx.	49.0	25.00	4 45c.	1	8½ - 8½ - 51	.....	45.1	23.00	8½ - 8½ - 51	
Foremen with one man, union E, Brooklyn.	49.0	25.00	1 60c.	2 1	8½ - 8½ - 51	.....	45.1	23.00	8½ - 8½ - 51	
Foremen, union B, Manhattan.	49.0	25.00	1 50c.	1	8½ - 8½ - 51	.....	45.1	23.00	8½ - 8½ - 51	
Oven men, union A, Bronx.	43.1	22.00	4 40c.	1	8½ - 8½ - 51	.....	39.2	20.00	8½ - 8½ - 51	
Oven men and mixers, union B, Manhattan.	43.1	22.00	1 45c.	1	8½ - 8½ - 51	.....	39.2	20.00	8½ - 8½ - 51	
Oven men and mixers, union E, Brooklyn.	43.1	22.00	1 50c.	2 1	8½ - 8½ - 51	.....	39.2	20.00	8½ - 8½ - 51	
Oven men, union E, Brooklyn.	43.1	22.00	1 60c.	2 1	8½ - 8½ - 51	.....	39.2	20.00	8½ - 8½ - 51	
Second hands, union E, Brooklyn.	37.3	19.00	1 50c.	2 1	8½ - 8½ - 51	.....	33.3	17.00	8½ - 8½ - 51	
Sponge and dough setters, union A, Bronx.	39.2	20.00	4 40c.	1	8½ - 8½ - 51	.....	35.3	18.00	8½ - 8½ - 51	
Sponge and dough setters, union E, Brooklyn.	39.2	20.00	1 50c.	2 1	8½ - 8½ - 51	.....	35.3	18.00	8½ - 8½ - 51	
Hebrew bread—										
Hand and machine bakeries—										
First hands, union G, Bronx.	60.8	31.00	1 70c.	6 1	8½ - 8½ - 51	.....	56.9	29.00	8½ - 8½ - 51	
First hands, more than 2 ovens, union G, Bronx.	64.6	31.00	1 70c.	6 1	8 - 8 - 48	.....	60.4	29.00	8 - 8 - 48	
First hands, union I, Manhattan.	58.8	30.00	(6)	6 1	8½ - 8½ - 51	.....	54.9	28.00	8½ - 8½ - 51	
First hands, more than 2 ovens, union I, Manhattan.	62.5	30.00	(6)	6 1	8 - 8 - 48	.....	58.3	28.00	8 - 8 - 48	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Holidays off, with pay.<sup>3</sup> No scale in effect May 15, 1916.<sup>4</sup> Rate, in cents, per hour; overtime limited to 2 hours per day.<sup>5</sup> Hebrew holidays off, with pay.<sup>6</sup> Work prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Contd.									
Hebrew bread—Contd.									
Hand and machine bakeries—Contd.									
First hands, union J, Manhattan.....	Cents. 62.5	Dolls. 30.00	<i>Regular rate multiplied by—</i> <sup>(1)</sup> 2 1		8 - 8 - 48	.....	Cents. 54.2	Dolls. 26.00	
First hands, union K, Manhattan.....	60.8	31.00	3 70c.	4 1	8½ - 8½ - 51	.....	54.9	28.00	
First hands, union M, Bronx.....	42.6	23.00	3 40c.	2 1	9 - 9 - 54	.....	38.9	21.00	
Second hands, union G, Bronx.....	52.9	27.00	3 70c.	2 1	8½ - 8½ - 51	.....	49.0	25.00	
Second hands, more than 2 ovens, union G, Bronx.....	56.3	27.00	3 70c.	2 1	8 - 8 - 48	.....	52.1	25.00	
Second hands, union I, Manhattan.....	54.9	28.00	(1)	2 1	8½ - 8½ - 51	.....	49.0	25.00	
Second hands, more than 2 ovens, union I, Manhattan.....	58.3	28.00	(1)	2 1	8 - 8 - 48	.....	52.1	25.00	
Second hands, union J, Manhattan.....	50.0	24.00	(1)	2 1	8 - 8 - 48	.....	41.7	20.00	
Second hands, union K, Manhattan.....	52.9	27.00	3 70c.	4 1	8½ - 8½ - 51	.....	47.1	24.00	
Second hands, union M, Manhattan.....	37.0	20.00	3 40c.	2 1	9 - 9 - 54	.....	33.3	18.00	
Third hands, union G, Bronx.....	49.0	25.00	3 60c.	2 1	8½ - 8½ - 51	.....	45.1	23.00	
Third hands, more than 2 ovens, union G, Bronx.....	52.1	25.00	3 60c.	2 1	8 - 8 - 48	.....	47.9	23.00	
Third hands, union H, Brooklyn.....	49.0	25.00	(1)	2 1	8½ - 8½ - 51	.....	45.1	23.00	
Third hands, more than 2 ovens, union H, Brooklyn.....	52.1	25.00	(1)	2 1	8 - 8 - 48	.....	47.9	23.00	
Third hands, union I, Manhattan.....	49.0	25.00	(1)	2 1	8½ - 8½ - 51	.....	45.1	23.00	
Third hands, more than 2 ovens, union I, Manhattan.....	52.1	25.00	(1)	2 1	8 - 8 - 48	.....	47.9	23.00	
Third hands, union K, Manhattan.....	49.0	25.00	3 70c.	4 1	8½ - 8½ - 51	.....	43.1	22.00	
Third hands, union L, Brooklyn.....	45.1	23.00	(1)	2 1	8½ - 8½ - 51	.....	39.2	20.00	
Third hands, more than 2 ovens, union L, Brooklyn.....	47.9	23.00	(1)	2 1	8 - 8 - 48	.....	41.7	20.00	
Third hands, union M, Manhattan.....	33.3	18.00	3 40c.	2 1	9 - 9 - 54	.....	29.6	16.00	
Fourth hands, union I, Manhattan.....	39.2	20.00	(1)	2 1	8½ - 8½ - 51	.....	35.3	18.00	
Benchmen, union H, Brooklyn.....	54.9	28.00	(1)	2 1	8½ - 8½ - 51	.....	51.0	26.00	
Benchmen, more than 2 ovens, union H, Brooklyn.....	58.3	28.00	(1)	2 1	8 - 8 - 48	.....	54.2	26.00	
Benchmen, union L, Brooklyn.....	52.9	27.00	(1)	2 1	8½ - 8½ - 51	.....	47.1	24.00	

<sup>1</sup> Work prohibited.<sup>2</sup> Hebrew holidays off, with pay.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> 10 days off each year with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC—continued.</b>								
New York, N. Y.—Concl'd. Hebrew bread—Concl'd. Hand and machine bakeries—Concl'd. Benchmen, more than 2 ovens, union L, Brooklyn.....	Cents. 56.3	Dolls. 27.00	Regular rate multiplied by ( <sup>1</sup> ) <sup>2</sup> 1	8 - 8 - 48	.....	Cents. 50.0	Dolls. 24.00	8 - 8 - 48
Oven men, union H, Brooklyn.....	62.7	32.00	( <sup>1</sup> ) <sup>2</sup> 1	8½ - 8½ - 51	.....	58.8	30.00	8½ - 8½ - 51
Oven men, more than 2 ovens, union H, Brooklyn.....	66.7	32.00	( <sup>1</sup> ) <sup>2</sup> 1	8 - 8 - 48	.....	62.5	30.00	8 - 8 - 48
Oven men, union L, Brooklyn.....	60.8	31.00	( <sup>1</sup> ) <sup>2</sup> 1	8½ - 8½ - 51	.....	54.9	28.00	8½ - 8½ - 51
Oven men, more than 2 ovens, union L, Brooklyn.....	64.6	31.00	( <sup>1</sup> ) <sup>2</sup> 1	8 - 8 - 48	.....	58.3	28.00	8 - 8 - 48
Machine bakeries— First hands.....	68.9	31.00	8 70c. <sup>4</sup> 1	7½ - 7½ - 45	.....	62.2	28.00	7½ - 7½ - 45
Second hands.....	60.0	27.00	8 70c. <sup>4</sup> 1	7½ - 7½ - 45	.....	53.3	24.00	7½ - 7½ - 45
Third hands.....	55.6	25.00	8 70c. <sup>4</sup> 1	7½ - 7½ - 45	.....	51.1	23.00	7½ - 7½ - 45
Philadelphia, Pa.:— Hebrew bread— Foremen or oven men.....	51.9	28.00	( <sup>1</sup> ) <sup>2</sup> 1	9 - 9 - 54	.....	48.1	26.00	9 - 9 - 54
Second hands or mixers.....	46.3	25.00	( <sup>1</sup> ) <sup>2</sup> 1	9 - 9 - 54	.....	42.6	23.00	9 - 9 - 54
Third hands.....	38.9	21.00	( <sup>1</sup> ) <sup>2</sup> 1	9 - 9 - 54	.....	35.2	19.00	9 - 9 - 54
Fourth hands.....	29.6	16.00	( <sup>1</sup> ) <sup>2</sup> 1	9 - 9 - 54	.....	25.9	14.00	9 - 9 - 54
Polish bread— First hands, 1 oven.....	42.6	23.00	( <sup>6</sup> )      1	9 - 9 - 54	.....	38.9	21.00	9 - 9 - 54
First hands, 2 ovens.....	46.3	25.00	( <sup>6</sup> )      1	9 - 9 - 54	.....	42.6	23.00	9 - 9 - 54
Second hands.....	37.0	20.00	( <sup>6</sup> )      1	9 - 9 - 54	.....	33.3	18.00	9 - 9 - 54
Third hands.....	33.3	18.00	( <sup>6</sup> )      1	9 - 9 - 54	.....	27.8	15.00	9 - 9 - 54
Pittsburgh, Pa.:— Hand bakeries— Benchmen.....	35.2	19.00	1½	1	9 - 9 - 54	31.5	17.00	9 - 9 - 54
Foremen.....	42.6	23.00	1½	1	9 - 9 - 54	37.0	20.00	9 - 9 - 54
Oven men or mixers.....	38.9	21.00	1½	1	9 - 9 - 54	35.2	19.00	9 - 9 - 54
Helpers.....	31.5	17.00	1½	1	9 - 9 - 54	25.9	14.00	9 - 9 - 54
Machine bakeries— Benchmen.....	37.5	18.00	1½	1	8 - 8 - 48	( <sup>6</sup> )      ( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Foremen.....	52.1	25.00	1½	1	8 - 8 - 48	( <sup>6</sup> )      ( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Oven men or mixers.....	41.7	20.00	1½	1	8 - 8 - 48	( <sup>6</sup> )      ( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Helpers.....	31.3	15.00	1½	1	8 - 8 - 48	( <sup>6</sup> )      ( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Hebrew bread— First hands or foremen.....	64.4	29.00	1½	7 1	8 7½ - 7½ - 45	57.8	26.00	8 7½ - 7½ - 45
Second hands.....	57.8	26.00	1½	7 1	8 7½ - 7½ - 45	51.1	23.00	8 7½ - 7½ - 45
Third hands.....	51.1	23.00	1½	7 1	8 7½ - 7½ - 45	44.4	20.00	8 7½ - 7½ - 45
Fourth hands.....	44.4	20.00	1½	7 1	8 7½ - 7½ - 45	40.0	18.00	8 7½ - 7½ - 45
Polish bread— Benchmen.....	37.3	19.00	8 50c.	1	9 8½ - 8½ - 51	31.4	16.00	9 8½ - 8½ - 51
Foremen.....	47.1	24.00	8 60c.	1	9 8½ - 8½ - 51	41.2	21.00	9 8½ - 8½ - 51
Second hands.....	41.2	21.00	8 50c.	1	9 8½ - 8½ - 51	35.3	18.00	9 8½ - 8½ - 51
Helpers.....	33.3	17.00	8 50c.	1	9 8½ - 8½ - 51	29.4	15.00	9 8½ - 8½ - 51

<sup>1</sup> Work prohibited.<sup>2</sup> Hebrew holidays off, with pay.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> 10 days off each year with pay.<sup>5</sup> 10 cents per hour more than regular rate.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Double time on Jewish holidays.<sup>8</sup> Sundays, 7½ hours; do not work on Fridays.<sup>9</sup> Sundays, 8½ hours; do not work on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Rate of wages—		Hours— Full day; Saturdays; Full week.			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>										
Providence, R. I.:				<i>Regular rate multiplied by—</i>						
Machine bakeries—	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>		
First hands.....	37.5	18.00	1½	1½	8 - 8 - 48	.....	(1)	(1)	(1)	
Helpers.....	31.3	15.00	1½	1½	8 - 8 - 48	.....	(1)	(1)	(1)	
Hebrew bread—										
Foremen.....	46.3	25.00	2 50c.	3 1	9 - 9 - 54	.....	40.4	23.00	9½ - 9½ - 57	
Second hands.....	42.6	23.00	2 50c.	3 1	9 - 9 - 54	.....	36.8	21.00	9½ - 9½ - 57	
Third hands.....	38.9	21.00	2 50c.	3 1	9 - 9 - 54	.....	31.6	18.00	9½ - 9½ - 57	
Italian bread—										
First hands.....	27.8	20.00	4 175c.	1	12 - 12 - 72	.....	25.0	18.00	12 - 12 - 72	
Second hands.....	23.6	17.00	4 175c.	1	12 - 12 - 72	.....	20.8	15.00	12 - 12 - 72	
Rochester, N. Y.:										
Benchmen.....	35.2	19.00	1½	6 1	9 - 9 - 54	.....	31.5	17.00	6 9 - 9 - 54	
Foremen, 5 or more men.....	46.3	25.00	1½	6 1	9 - 9 - 54	.....	42.6	23.00	6 9 - 9 - 54	
Foremen, 3 or 4 men.....	46.3	25.00	1½	6 1	9 - 9 - 54	.....	38.9	21.00	6 9 - 9 - 54	
Foremen, 1 or 2 men.....	46.3	25.00	1½	6 1	9 - 9 - 54	.....	37.0	20.00	6 9 - 9 - 54	
Oven men.....	40.7	22.00	1½	6 1	9 - 9 - 54	.....	37.0	20.00	6 9 - 9 - 54	
Mixers.....	38.9	21.00	1½	6 1	9 - 9 - 54	.....	35.2	19.00	6 9 - 9 - 54	
Second hands, large shops.....	40.7	22.00	1½	6 1	9 - 9 - 54	.....	31.5	17.00	6 9 - 9 - 54	
Second hands, small shops.....	35.2	19.00	1½	6 1	9 - 9 - 54	.....	24.1	13.00	6 9 - 9 - 54	
Helpers.....	27.8	15.00	1½	6 1	9 - 9 - 54	.....				
Hebrew bread—										
First hands.....	49.0	25.00	1½	1	8½ - 8½ - 51	.....	40.7	22.00	9 - 9 - 54	
Second hands.....	45.1	23.00	1½	1	8½ - 8½ - 51	.....	37.0	20.00	9 - 9 - 54	
Third hands.....	43.1	22.00	1½	1	8½ - 8½ - 51	.....	35.2	19.00	9 - 9 - 54	
Fourth hands.....	37.3	19.00	1½	1	8½ - 8½ - 51	.....	33.3	18.00	9 - 9 - 54	
Springfield, Mass.:										
Foremen, or first hands.....	42.6	23.00	1½	2	9 - 9 - 54	.....	38.9	21.00	9 - 9 - 54	
Second hands or oven men.....	37.0	20.00	1½	2	9 - 9 - 54	.....	33.3	18.00	9 - 9 - 54	
Third hands or under hands.....	33.3	18.00	1½	2	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54	
Hebrew bread—										
Foremen or first hands.....	51.9	28.00	2 75c.	7 1	9 - 9 - 54	.....	48.1	26.00	9 - 9 - 54	
Second hands or oven men.....	44.4	24.00	2 70c.	7 1	9 - 9 - 54	.....	40.7	22.00	9 - 9 - 54	
Third hands or under hands.....	38.9	21.00	2 65c.	7 1	9 - 9 - 54	.....	35.2	19.00	9 - 9 - 54	
Worcester, Mass.:										
Hebrew bread—										
Foremen or oven men.....	49.1	26.50	2 65c.	8 1	9 9 - 9 - 54	.....	44.4	24.00	9 9 - 9 - 54	
Second hands.....	44.8	24.20	2 65c.	8 1	9 9 - 9 - 54	.....	40.7	22.00	9 9 - 9 - 54	
Third hands.....	37.0	20.00	2 65c.	8 1	9 9 - 9 - 54	.....	33.3	18.00	9 9 - 9 - 54	
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.:										
Hebrew bread—										
Foremen or oven men.....	46.3	25.00	1½	1	9 - 9 - 54	.....	40.4	23.00	9½ - 9½ - 57	
Second hands or mixers.....	40.7	22.00	1½	1	9 - 9 - 54	.....	35.1	20.00	9½ - 9½ - 57	
Richmond, Va.:										
Benchmen or drawers.....	31.1	16.80	2 40c.	1	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54	
Mixers.....	33.1	17.90	2 40c.	1	9 - 9 - 54	.....	31.5	17.00	9 - 9 - 54	
Oven men.....	35.0	18.90	2 45c.	1	9 - 9 - 54	.....	33.3	18.00	9 - 9 - 54	
Washington, D. C.:										
Hand bakeries.....	1036.1	19.50	1½	1	9 - 9 - 54	.....				
Machine bakeries.....	1140.6	19.50	1½	1	8 - 8 - 48	.....				

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Hebrew holidays off, with pay.<sup>4</sup> Rate, in cents, per baking.<sup>5</sup> Double time on holidays.<sup>6</sup> 6 days off each year with pay.<sup>7</sup> Hebrew holidays, Labor Day, and Christmas Day off, with pay.<sup>8</sup> Do not work on Hebrew holidays.<sup>9</sup> Sundays, 9 hours; do not work on Saturdays.<sup>10</sup> Scale became 40 cents on June 2, 1917.<sup>11</sup> Scale became 45 cents on June 2, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917; Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Hand bakeries— Foremen, spongiers, and oven men, day.....	Cents. 42.6	Dollars. 23.00	Regular rate multiplied by <i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	Cents. 38.9	Dollars. 21.00	9 - 9 -54		
Foremen, spongiers, and oven men, night.....	46.3	25.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	42.6	23.00	9 - 9 -54		
Second hands, day.....	38.9	21.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	35.2	19.00	9 - 9 -54		
Second hands, night.....	42.6	23.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	38.9	21.00	9 - 9 -54		
Third hands, day.....	31.5	17.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	29.6	16.00	9 - 9 -54		
Third hands, night.....	35.2	19.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	33.3	18.00	9 - 9 -54		
Machine bakeries— Foremen, spongiers, and oven men, day.....	47.9	23.00	<i>i</i> 75c. <i>2</i> 1	8 - 8 -48	.....	43.8	1.30	8 - 8 -48		
Foremen, spongiers, and oven men, night.....	52.1	25.00	<i>i</i> 75c. <i>3</i> 1	8 - 8 -48	.....	47.9	23.00	8 - 8 -48		
Second hands, day.....	43.8	21.00	<i>i</i> 75c. <i>3</i> 1	8 - 8 -48	.....	39.6	19.00	8 - 8 -48		
Second hands, night.....	47.9	23.00	<i>i</i> 75c. <i>3</i> 1	8 - 8 -48	.....	43.8	21.00	8 - 8 -48		
Bohemian bread— Hand breadery— Foremen, spongiers, and oven men, day.....	40.7	22.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	37.0	20.00	9 - 9 -54		
Foremen, spongiers, and oven men, night.....	44.4	24.00	<i>i</i> 75c. <i>3</i> 1	9 - 9 -54	.....	40.7	22.00	9 - 9 -54		
Second hands, day.....	37.0	20.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	33.3	18.00	9 - 9 -54		
Second hands, night.....	40.7	22.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	37.0	20.00	9 - 9 -54		
Third hands, day.....	31.5	17.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	29.6	16.00	9 - 9 -54		
Third hands, night.....	37.0	20.00	<i>i</i> 75c. <i>2</i> 1	9 - 9 -54	.....	33.3	18.00	9 - 9 -54		
Machine bakeries— Foremen, spongiers, and oven men.....	52.1	25.00	<i>i</i> 75c. <i>3</i> 1	8 - 8 -48	.....	47.9	23.00	8 - 8 -48		
Second hands.....	47.9	23.00	<i>i</i> 75c. <i>3</i> 1	8 - 8 -48	.....	43.8	21.00	8 - 8 -48		
Hebrew bread— Foremen.....	54.9	28.00	<i>i</i> 75c. <i>4</i> 1	8 <i>1</i> - 8 <i>1</i> -51	.....	51.0	26.00	8 <i>1</i> - 8 <i>1</i> -51		
Second hands.....	49.0	25.00	<i>i</i> 75c. <i>4</i> 1	8 <i>1</i> - 8 <i>1</i> -51	.....	45.1	23.00	8 <i>1</i> - 8 <i>1</i> -51		
Third hands.....	45.1	23.00	<i>i</i> 75c. <i>4</i> 1	8 <i>1</i> - 8 <i>1</i> -51	.....	41.2	21.00	8 <i>1</i> - 8 <i>1</i> -51		
Polish bread— Foremen, spongiers, and oven men, day.....	33.9	21.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Foremen, spongiers, and oven men, night.....	40.7	22.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Second hands, day.....	35.2	19.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Second hands, night.....	37.0	20.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Third hands, day.....	31.5	17.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Third hands, night.....	33.3	18.00	<i>i</i> 50c. <i>5</i> 1	9 - 9 -54	.....					
Scandinavian bread— Foremen, spongiers, and oven men, day.....	42.6	23.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	38.9	21.00	9 - 9 -54		
Foremen, spongiers, and oven men, night.....	46.3	25.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	42.6	23.00	9 - 9 -54		
Second hands, day.....	38.9	21.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	35.2	19.00	9 - 9 -54		
Second hands, night.....	42.6	23.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	38.9	21.00	9 - 9 -54		
Third hands, day.....	35.2	19.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	31.5	17.00	9 - 9 -54		
Third hands, night.....	38.9	21.00	<i>i</i> 75c. <i>6</i> 1	9 - 9 -54	.....	35.2	19.00	9 - 9 -54		

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Time and one-half on holidays.<sup>3</sup> Do not work on holidays.<sup>4</sup> Hebrew holidays, time and one-half; other holidays off, with pay.<sup>5</sup> Holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Cincinnati, Ohio:										
Hand bakeries—	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Benchmen.....	29.6	16.00	1 1/2	2 1	9 - 9 - 54	.....	27.8	15.00	9 - 9 - 54	
Foremen.....	37.0	20.00	1 1/2	2 1	9 - 9 - 54	.....	35.2	19.00	9 - 9 - 54	
Oven men and mixers.....	33.3	18.00	1 1/2	2 1	9 - 9 - 54	.....	31.5	17.00	9 - 9 - 54	
Third hands.....	24.1	13.00	1 1/2	2 1	9 - 9 - 54	.....	22.2	12.00	9 - 9 - 54	
Helpers.....	22.2	12.00	1 1/2	2 1	9 - 9 - 54	.....	18.5	10.00	9 - 9 - 54	
Machine bakeries—										
Benchmen.....	33.3	16.00	1 1/2	2 1	8 - 8 - 48	.....				
Foremen.....	47.9	23.00	1 1/2	2 1	8 - 8 - 48	.....				
Oven men and mixers.....	39.6	19.00	1 1/2	2 1	8 - 8 - 48	.....				
Helpers.....	25.0	12.00	1 1/2	2 1	8 - 8 - 48	.....				
Cleveland, Ohio:										
First hands.....	\$35.3	18.00	4 40c.	1	8 1/2 - 8 1/2 - 51	.....				
Second hands.....	\$31.4	16.00	4 40c.	1	6 8 1/2 - 6 8 1/2 - 51	.....				
Bohemian bread—										
First hands, day.....	41.7	20.00	4 50c.	6 1	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48	
First hands, night.....	43.8	21.00	4 50c.	6 1	8 - 8 - 48	.....	39.6	19.00	8 - 8 - 48	
Second hands, day.....	39.6	19.00	4 50c.	6 1	8 - 8 - 48	.....	35.4	17.00	8 - 8 - 48	
Second hands, night.....	41.7	20.00	4 50c.	6 1	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48	
Third hands, day.....	35.4	17.00	4 50c.	6 1	8 - 8 - 48	.....	31.3	15.00	8 - 8 - 48	
Third hands, night.....	37.5	18.00	4 50c.	6 1	8 - 8 - 48	.....	33.3	16.00	8 - 8 - 48	
Hebrew bread—										
Bench men, day.....	741.7	20.00	4 50c.	8 1	8 - 8 - 48	.....				
Benchmen, night.....	943.8	21.00	4 50c.	8 1	8 - 8 - 48	.....				
Oven men, day.....	1952.1	25.00	4 65c.	8 1	8 - 8 - 48	.....				
Oven men, night.....	1542.2	26.00	4 75c.	8 1	8 - 8 - 48	.....				
Helpers, day.....	1231.5	17.00	4 45c.	8 1	9 - 9 - 54	.....				
Helpers, night.....	1231.5	17.00	4 45c.	8 1	9 - 9 - 54	.....				
Columbus, Ohio:										
Brickmen.....	31.5	17.00	1 1/2	13 1	9 - 9 - 54	.....	28.1	16.00	9 1/2 - 9 1/2 - 57	
First hands.....	40.7	22.00	1 1/2	13 1	9 - 9 - 54	.....	35.1	20.00	9 1/2 - 9 1/2 - 57	
Second hands.....	35.2	19.00	1 1/2	13 1	9 - 9 - 54	.....	31.6	18.00	9 1/2 - 9 1/2 - 57	
Mixers.....	37.0	20.00	1 1/2	13 1	9 - 9 - 54	.....	31.6	18.00	9 1/2 - 9 1/2 - 57	
Davenport, Iowa, and Moline and Rock Island, Ill.:										
Bakers, 1-man shop.....	38.9	21.00	14 50c.	14 50c.	9 - 9 - 54	.....				
Benchmen.....	35.2	19.00	14 50c.	14 50c.	9 - 9 - 54	.....				
Foremen, over 2 or more men.....	42.6	23.00	14 65c.	14 65c.	9 - 9 - 54	.....				
Oven men.....	35.2	19.00	14 50c.	14 50c.	9 - 9 - 54	.....				
Detroit, Mich.:										
Benchmen.....	41.2	21.00	1 1/2	6 1	8 1/2 - 8 1/2 - 51	.....	35.3	18.00	8 1/2 - 8 1/2 - 51	
Foremen and first hands.....	49.0	25.00	1 1/2	6 1	8 1/2 - 8 1/2 - 51	.....	39.2	20.00	8 1/2 - 8 1/2 - 51	
Oven men and mixers.....	45.1	23.00	1 1/2	6 1	8 1/2 - 8 1/2 - 51	.....	39.2	20.00	8 1/2 - 8 1/2 - 51	

<sup>1</sup> Limited to 2 hours per day.<sup>2</sup> Time and one-half on holidays.<sup>3</sup> Scale became 41.7 cents and 48 hours on June 1, 1917.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Scale became 37.5 cents and 48 hours on June 1, 1917.<sup>6</sup> Double time on holidays.<sup>7</sup> Scale became 47.9 cents on June 8, 1917.<sup>8</sup> Hebrew holidays off, with pay.<sup>9</sup> Scale became 50 cents on June 8, 1917.<sup>10</sup> Scale became 58.3 cents on June 8, 1917.<sup>11</sup> Scale became 60.4 cents on June 8, 1917.<sup>12</sup> Scale became 43.8 cents on June 8, 1917.<sup>13</sup> Double time on July 4, Labor Day, and Christmas.<sup>14</sup> Rate, in cents, per hour; overtime limited to 4 hours in each week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Cents.	Rate of wages—		
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.				Per hour	Per week full time.	
<b>NORTH CENTRAL—continued.</b>										
Detroit, Mich.—Concluded.										
Hebrew bread—	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Foremen, 2 ovens, day...	64.6	31.00	1	75c.	1	2 8 - 8 - 48	.....	51.0	26.00	
Foremen, 2 ovens, night...	66.7	32.00	1	75c.	1	2 8 - 8 - 48	.....	52.9	27.00	
Foremen, 1 oven, day...	60.4	29.00	1	75c.	1	2 8 - 8 - 48	.....	47.1	24.00	
Foremen, 1 oven, night...	62.5	30.00	1	75c.	1	2 8 - 8 - 48	.....	49.0	25.00	
Second hands, day...	54.2	26.00	1	70c.	1	2 8 - 8 - 48	.....	41.2	21.00	
Second hands, night...	56.3	27.00	1	70c.	1	2 8 - 8 - 48	.....	43.1	22.00	
Third hands, day...	50.0	24.00	1	65c.	1	2 8 - 8 - 48	.....	37.3	19.00	
Third hands, night...	52.1	25.00	1	65c.	1	2 8 - 8 - 48	.....	39.2	20.00	
Polish bread—										
First hands, oven men, and mixers, day...	50.0	24.00	1	70c.	2	8 - 8 - 48	.....	(3)	(3)	
First hands, oven men, and mixers, night...	52.1	25.00	1	70c.	4 1	8 - 8 - 48	.....	(3)	(3)	
Second hands and bENCHmen, day...	43.8	21.00	1	60c.	2	8 - 8 - 48	.....	(3)	(3)	
Second hands and bENCHmen, night...	45.8	22.00	1	60c.	4 1	8 - 8 - 48	.....	(3)	(3)	
Third hands, day...	37.5	18.00	1	50c.	2	8 - 8 - 48	.....	(3)	(3)	
Third hands, night...	39.6	19.00	1	50c.	4 1	8 - 8 - 48	.....	(3)	(3)	
Indianapolis, Ind.: Benchmen.....	29.8	17.00	1	1	9½ - 9½ - 57	.....	26.3	15.00	9½ - 9½ - 57	
Foremen, 4 or more men...	38.6	22.00	1	1	9½ - 9½ - 57	.....	31.6	18.00	9½ - 9½ - 57	
Foremen, 3 men or less...	36.8	21.00	1	1	9½ - 9½ - 57	.....	31.6	18.00	9½ - 9½ - 57	
Kansas City, Mo.: Hand bakeries—										
Benchmen.....	40.7	22.00	5	60c.	4 1	9 - 9 - 54	.....	37.0	20.00	
Foremen.....	53.7	29.00	5	80c.	4 1	9 - 9 - 54	.....	50.0	27.00	
Oven men or spongers...	44.4	24.00	5	60c.	4 1	9 - 9 - 54	.....	40.7	22.00	
Drawers.....	42.6	23.00	5	60c.	4 1	9 - 9 - 54	.....	38.9	21.00	
Machine bakeries—										
Benchmen.....	45.8	22.00	5	60c.	4 1	8 - 8 - 48	.....	41.7	20.00	
Foremen.....	60.4	29.00	5	80c.	4 1	8 - 8 - 48	.....	56.3	27.00	
Oven men, spongers, or mixers...	50.0	24.00	5	60c.	4 1	8 - 8 - 48	.....	45.8	22.00	
Drawers.....	47.9	23.00	5	60c.	4 1	8 - 8 - 48	.....	43.8	21.00	
Milwaukee, Wis.: Benchmen.....	31.6	18.00	6	40c.	7 1	9½ - 9½ - 57	.....	29.8	17.00	
Foremen and oven men...	35.1	20.00	6	50c.	7 1	9½ - 9½ - 57	.....	33.3	19.00	
Hebrew bread—										
Benchmen.....	33.3	19.00	6	50c.	8 1	9½ - 9½ - 57	.....	29.8	17.00	
Foremen and oven men...	38.6	22.00	6	60c.	8 1	9½ - 9½ - 57	.....	35.1	20.00	
Third hands.....	31.6	18.00	6	50c.	8 1	9½ - 9½ - 57	.....	26.3	15.00	
Minneapolis, Minn.: Baker, 1-man shop, day...	37.0	20.00	1	50c.	1	9 - 9 - 54	.....	33.3	18.00	
Baker, 1-man shop, night...	37.0	20.00	1	50c.	1	9 - 9 - 54	.....	35.2	19.00	
Benchmen, day...	33.3	18.00	1	50c.	1	9 - 9 - 54	.....	29.6	16.00	
Benchmen, night...	33.3	18.00	1	50c.	1	9 - 9 - 54	.....	31.5	17.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work on Sundays; do not work on Fridays.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Double time on holidays.<sup>5</sup> Rate, in cents, per hour, for first 5 hours; double time thereafter.<sup>6</sup> Rate, in cents, per hour; overtime limited to 4 hours in each week.<sup>7</sup> Do not work on holidays.<sup>8</sup> On Labor Day and Hebrew holidays, 50 cents per hour.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BAKERY TRADES—Continued.

## BAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—concluded.</b>										
Minneapolis, Minn.—Concl'd.	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Foremen, 5 or more men...	44.4	24.00	1 50c.	1	9 - 9 - 54		(2)	(2)	(2)	
Foremen, 2 to 4 men, day...	40.7	22.00	1 50c.	1	9 - 9 - 54		35.2	19.00	9 - 9 - 54	
Foremen, 2 to 4 men, night...	40.7	22.00	1 50c.	1	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
Mixers and oven men....	37.0	20.00	1 50c.	1	9 - 9 - 54		(2)	(2)	(2)	
Hébreu bread—										
Benchmen.....	38.9	21.00	1 50c.	1	9 - 9 - 54		35.2	19.00	9 - 9 - 54	
Foremen.....	48.1	26.00	1 60c.	1	9 - 9 - 54		44.4	24.00	9 - 9 - 54	
Peoria, Ill.:—										
Benchmen.....	35.2	19.00	1 50c.	2	9 - 9 - 54		33.3	18.00	9 - 9 - 54	
Foremen, 4 or more men...	46.3	25.00	1 50c.	2	9 - 9 - 54		44.4	24.00	9 - 9 - 54	
Foremen, less than 4 men...	42.6	23.00	1 50c.	2	9 - 9 - 54		40.7	22.00	9 - 9 - 54	
Oven men or spongers....	38.9	21.00	1 50c.	2	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
St. Louis, Mo.:—										
Hand bakeries—										
Benchmen.....	29.6	16.00	1 60c.	1	9 - 9 - 54					
Foremen.....	35.2	19.00	1 60c.	1	9 - 9 - 54					
Machine bakeries—										
Benchmen.....	33.3	16.00	1 60c.	1	8 - 8 - 48					
Foremen, 5 or more men...	45.8	22.00	1 60c.	1	8 - 8 - 48					
Foremen, less than 5 men...	39.6	19.00	1 60c.	1	8 - 8 - 48					
Oven men and spongers...	39.6	19.00	1 60c.	1	8 - 8 - 48					
Oven men and spongers' assistants.....	35.4	17.00	60c.	1	8 - 8 - 48					
Helpers.....	25.0	12.00	40c.	1	8 - 8 - 48					
Hébreu bread—										
Foremen.....	49.0	25.00	1 60c.	1	8½ - 8½ - 51		46.3	25.00	9 - 9 - 54	
Second hands.....	41.2	21.00	1 60c.	1	8½ - 8½ - 51		38.9	21.00	9 - 9 - 54	
Third hands.....	37.3	19.00	1 60c.	1	8½ - 8½ - 51		35.2	19.00	9 - 9 - 54	
St. Paul, Minn.:—										
Benchmen.....	33.3	18.00	1 50c.	1	9 - 9 - 54		31.5	17.00	9 - 9 - 54	
Foremen.....	38.9	21.00	1 50c.	1	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
Oven men.....	35.2	19.00	1 50c.	1	9 - 9 - 54		33.3	18.00	9 - 9 - 54	
<b>SOUTH CENTRAL.</b>										
Dallas, Tex.:—										
Foremen, 5 or more men...	49.0	25.00	1 50c.	2	8½ - 8½ - 51					
Foremen, less than 5 men...	43.1	22.00	1 50c.	2	8½ - 8½ - 51					
Second hands.....	39.2	20.00	1 50c.	2	8½ - 8½ - 51					
Third hands.....	35.3	18.00	1 50c.	2	8½ - 8½ - 51					
Louisville, Ky.:—										
Benchmen.....	27.2	15.50	1½	1	9½ - 9½ - 57		24.6	14.00	9½ - 9½ - 57	
Mixers.....	33.3	19.00	1½	1	9½ - 9½ - 57		29.8	17.00	9½ - 9½ - 57	
Oven men.....	31.6	18.00	1½	1	9½ - 9½ - 57		28.1	16.00	9½ - 9½ - 57	
<b>WESTERN.</b>										
Butte, Mont.:—										
Benchmen.....	57.3	27.50	1½	1	8 - 8 - 48					
Foremen and mixers.....	68.8	33.00	1½	1	8 - 8 - 48					
Denver, Colo.:—										
Benchmen.....	35.2	19.00	1 50c.	1	9 - 9 - 54		33.3	18.00	9 - 9 - 54	
Foremen, 5 or more men...	50.0	27.00	1 50c.	1	9 - 9 - 54		46.3	25.00	9 - 9 - 54	
Foremen, less than 5 men...	42.6	23.00	1 50c.	1	9 - 9 - 54		40.7	22.00	9 - 9 - 54	
Oven men or mixers.....	38.9	21.00	1 50c.	1	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
Hébreu bread—										
Benchmen.....	38.9	21.00	1 60c.	1	9 - 9 - 54					
Foremen or oven men...	42.6	23.00	1 70c.	1	9 - 9 - 54					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> No scale in effect on May 15, 1916.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 85

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

**BAKERY TRADES—Concluded.**

**BAKERS—Concluded.**

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
<b>WESTERN—concluded.</b>										
Los Angeles, Cal.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Benchmen.....	37.0	20.00	1½	1	9 - 9 - 54		33.3	18.00	9 - 9 - 54	
Foremen.....	48.1	26.00	1½	1	9 - 9 - 54		44.4	24.00	9 - 9 - 54	
Oven men or mixers.....	42.6	23.00	1½	1	9 - 9 - 54		38.9	21.00	9 - 9 - 54	
Third hands.....	25.9	14.00	1½	1	9 - 9 - 54		22.2	12.00	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—										
Bakers, 1-man shop.....	43.1	22.00	1 1½	1	8½ - 8½ - 51					
Benchmen.....	39.2	20.00	1 1½	1	8½ - 8½ - 51					
Benchmen, partly oven work.....	43.1	22.00	1 1½	1	8½ - 8½ - 51					
Foremen, 2 or more men.....	51.0	26.00	1 1½	1	8½ - 8½ - 51					
Foremen, 1 man.....	46.1	23.50	1 1½	1	8½ - 8½ - 51					
Machine bakeries—										
Benchmen.....	39.2	20.00	1 1½	1	8½ - 8½ - 51					
Oven men.....	51.0	26.00	1 1½	1	8½ - 8½ - 51					
Salt Lake City, Utah:										
Bakers, 1-man shop.....	38.9	21.00	1½	1	9 - 9 - 54		33.3	20.00	10 - 10 - 60	
Benchmen.....	35.2	19.00	1½	1	9 - 9 - 54		28.3	17.00	10 - 10 - 60	
Foremen.....	44.4	24.00	1½	1	9 - 9 - 54		40.0	24.00	10 - 10 - 60	
Oven men.....	40.7	22.00	1½	1	9 - 9 - 54		35.0	21.00	10 - 10 - 60	
San Francisco, Cal.:										
Hand bakeries—										
Benchmen.....	238.9	21.00	3 50c.	1	9 - 9 - 54					
Benchmen, partly oven work.....	442.6	23.00	3 50c.	1	9 - 9 - 54					
Benchmen's assistants.....	37.0	20.00	3 50c.	1	9 - 9 - 54					
Foremen or oven men.....	46.3	25.00	3 75c.	1	9 - 9 - 54					
Machine bakeries—										
Benchmen.....	741.7	20.00	3 50c.	1	8 - 8 - 48					
Benchmen, partly oven work.....	645.8	22.00	3 50c.	1	8 - 8 - 48					
Foremen or oven men.....	52.1	25.00	3 75c.	1	8 - 8 - 48					
Seattle, Wash.:										
Benchmen.....	45.8	22.00	3 50c.	1	8 - 8 - 48		41.7	20.00	8 - 8 - 48	
Benchmen in charge of ovens.....	50.0	24.00	3 60c.	1	8 - 8 - 48		45.8	22.00	8 - 8 - 48	
Foremen, 1 man.....	52.1	25.00	3 60c.	1	8 - 8 - 48		52.1	25.00	8 - 8 - 48	
Foremen, 2 or more men.....	56.3	27.00	3 60c.	1	8 - 8 - 48		48.8	22.00	8 - 8 - 48	
Mixers.....	50.0	24.00	3 60c.	1	8 - 8 - 48					
Spokane, Wash.:										
Benchmen, day.....	45.8	22.00	3 65c.	9 1	8 - 8 - 48		38.9	21.00	9 - 9 - 54	
Benchmen, night.....	45.8	22.00	3 65c.	9 1	8 - 8 - 48		43.8	21.00	8 - 8 - 48	
Foremen, day.....	54.2	26.00	3 75c.	9 1	8 - 8 - 48		48.2	26.00	9 - 9 - 54	
Foremen, night.....	54.2	26.00	3 75c.	9 1	8 - 8 - 48					
Oven men or mixers, day.....	52.1	25.00	3 70c.	9 1	8 - 8 - 48		42.6	23.00	9 - 9 - 54	
Oven men, night.....	52.1	25.00	3 70c.	9 1	8 - 8 - 48		42.6	23.00	9 - 9 - 54	

<sup>1</sup> Limited to 2 hours per day.

<sup>2</sup> Scale became 42.6 cents on June 10, 1917.

<sup>3</sup> Rate, in cents, per hour.

<sup>4</sup> Scale became 44.4 cents on June 10, 1917.

<sup>5</sup> Scale became 40.7 cents on June 10, 1917.

<sup>6</sup> Scale became 50 cents on June 10, 1917.

<sup>7</sup> Scale became 45.8 cents on June 10, 1917.

<sup>8</sup> Scale became 56.3 cents on June 10, 1917.

<sup>9</sup> Double time on holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN.

## BOTTLERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday Prevalied	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Cents.	Dolls.	Rate of wages—	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
<b>NORTH ATLANTIC.</b>										
Boston, Mass.	35.4	17.00	1 50c.	1 50c.	8 - 8 - 48					
Bridgeport, Conn.	27.8	15.00	1 1/2	2	9 - 9 - 54					
Buffalo, N. Y.	21.3	15.00	1 1/2	1 1/2	8 - 8 - 48					
Fall River, Mass.	28.1	13.50	1 50c.	1 50c.	8 - 8 - 48					
Newark, N. J.: Bottlers, crowners, and pasteurizers.	29.6	16.00	1 1/2	2	5 9 - 9 - 54					
First men.	35.2	19.00	1 1/2	2	6 9 - 9 - 54					
New Haven, Conn.	31.5	17.00	1 35c.	7 35c.	8 9 - 9 - 54					
Helpers.	25.9	14.00	1 35c.	7 35c.	8 9 - 9 - 54					
New York, N. Y.	31.5	17.00	1 1/2	9 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.: Foremen, 4 men or less.	40.8	19.60	10 1	1 1/2	8 - 8 - 48		36.5	17.50	8 - 8 - 48	
Foremen, more than 4 men.	47.8	22.95	10 1	1 1/2	8 - 8 - 48		42.7	20.50	8 - 8 - 48	
Providence, R. I.: Foremen.	54.8	26.30	10 1	1 1/2	8 - 8 - 48		49.0	23.50	8 - 8 - 48	
Helpers.	38.5	18.50	1 60c.	1 75c.	8 - 8 - 48		35.4	17.00	8 - 8 - 48	
Rochester, N. Y.	35.4	17.00	1 60c.	1 75c.	8 - 8 - 48		32.3	15.50	8 - 8 - 48	
Scranton, Pa.	35.4	17.00	1 1/2	12 2	8 - 8 - 48		33.3	16.00	8 - 8 - 48	
Crowners.	33.3	16.00	1 1/2	12 2	8 - 8 - 48		31.3	15.00	8 - 8 - 48	
Pasteurizers.	31.3	15.00	1 1/2	12 2	8 - 8 - 48		27.1	13.00	8 - 8 - 48	
Springfield, Mass.	33.3	16.00	1 50c.	2	8 - 8 - 48					
Head bottlers.	39.6	19.00	1 50c.	2	8 - 8 - 48					
Bottlers, machine.	37.5	18.00	1 50c.	2	8 - 8 - 48					
Worcester, Mass.	42.2	20.25	1 50c.	2	8 - 8 - 48					
Wholesale houses.	39.6	19.00	1 50c.	2	8 - 8 - 48		35.2	19.00	9 - 9 - 54	
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.	31.3	15.00	1 35c.	14 35c.	8 - 8 - 48					
Helpers.	30.2	14.50	1 35c.	14 35c.	8 - 8 - 48					
Jacksonville, Fla.	25.9	14.00	1 1/2	2	15 9 - 9 - 54					
Washington, D. C.	31.3	15.00	1 50c.	1 50c.	8 - 8 - 48					
<b>NORTH CENTRAL.</b>										
Chicago, Ill.	39.6	19.00	1 1/2	1 1/2	8 - 8 - 48		34.4	16.50	8 - 8 - 48	
Cincinnati, Ohio.	34.4	16.50	1 1/2	1 1/2	8 - 8 - 48					
Cleveland, Ohio.	33.3	16.00	1 1/2	(16)	8 - 8 - 48					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Scale became 33.3 cents on July 1, 1917.<sup>3</sup> 40 hours and \$12.50 per week, December to March, inclusive.<sup>4</sup> For Sundays; Thanksgiving Day, Christmas, and New Year's Day off, with regular pay; work one half day on Memorial Day and Thanksgiving Day, paid for full day.<sup>5</sup> 45 hours and \$13.33 per week, November to March, inclusive.<sup>6</sup> 45 hours and \$15.83 per week, November to March, inclusive.<sup>7</sup> Rate, in cents, per hour, for Sundays; work one-half day on holidays, paid for full day.<sup>8</sup> 8 hours per day, 48 per week, October to April, inclusive.<sup>9</sup> Rate, in cents, per hour, for Sundays; work 5 hours on holidays, paid for full day, except from May 16 to Sept. 15, regular rate.<sup>10</sup> On days before holidays and "lay-off day," time and one-half.<sup>11</sup> 40 hours and \$14.17 per week, December to March, inclusive.<sup>12</sup> Rate, in cents, per hour, for Sundays; holidays off, with regular pay.<sup>13</sup> For Sundays; work one-half day on July 4 and Memorial Day, paid for full day; other holidays off, with regular pay.<sup>14</sup> Rate, in cents, per hour, for Sundays; work one-half day on Labor Day, Thanksgiving Day, and election days, paid for full day; Christmas and New Year's Day off, with pay.<sup>15</sup> Scale became 31.3 cents and 48 hours on June 22, 1917.<sup>16</sup> Work on Sundays prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

BOTTLERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—		Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
<i>Regular rate multiplied by—</i>										
NORTH CENTRAL—concluded.	Cents.	Dolls.					Cents.	Dolls.		
Columbus, Ohio.....	35.4	17.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Detroit, Mich.....	41.7	20.00	1½	1½	8 - 8 - 48	.....	34.4	16.50	8 - 8 - 48	
Grand Rapids, Mich.....	37.5	18.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Indianapolis, Ind.....	35.4	17.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Utility men.....	35.9	17.25	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Bottlers, extra men.....	26.0	12.50	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Kansas City, Mo.....	40.6	19.50	1½	1 2	8 - 8 - 48	.....	39.6	19.00	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.....	236.5	17.50	3 50c.	3 50c.	8 - 8 - 48	.....	.....	.....	.....	
Omaha, Nebr.....	35.4	17.50	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	.....	.....	.....	.....	
Rock Island, Ill.....	41.7	20.00	3 70c.	3 70c.	8 - 8 - 48	.....	.....	.....	.....	
St. Louis, Mo.....	37.5	18.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
St. Paul, Minn.....	436.5	17.50	3 50c.	3 50c.	8 - 8 - 48	.....	.....	.....	.....	
SOUTH CENTRAL.										
Dallas, Tex.....	41.7	20.00	1½	1½	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48	
Houston, Tex.....	41.7	20.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Crowners, pasteurizers, etc.....	42.7	20.50	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Louisville, Ky.....	33.3	16.00	1½	1½	8 - 8 - 48	.....	29.2	14.00	8 - 8 - 48	
Nashville, Tenn <sup>6</sup> .....	24.1	13.00	3 35c.	3 35c.	9 - 9 - 54	.....	.....	.....	.....	
New Orleans, La.....	27.8	15.00	1½	1½	9 - 9 - 54	.....	25.9	14.00	9 - 9 - 54	
WESTERN.										
Butte, Mont.....	56.3	27.00	1½	1½	7 8 - 7 - 47	.....	.....	.....	.....	
Denver, Colo.....	37.5	18.00	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Head bottlers.....	40.6	19.50	1½	1½	8 - 8 - 48	.....	.....	.....	.....	
Los Angeles, Cal.....	50.0	24.00	1½	8 2	8 - 8 - 48	.....	41.7	20.00	8 - 8 - 48	
Portland, Oreg.....	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.....	50.0	24.00	1½	8 2	8 - 8 - 48	.....	46.9	22.50	8 - 8 - 48	
Seattle, Wash <sup>6</sup> .....	43.8	21.00	3 60c.	3 60c.	8 - 8 - 48	.....	.....	.....	.....	
Spokane, Wash <sup>6</sup> .....	43.8	21.00	3 60c.	3 60c.	8 - 8 - 48	.....	.....	.....	.....	

## BREWERS.

NORTH ATLANTIC.									
Boston, Mass:									
Cellar men, fermenters, and kettle men.....	42.7	20.50	3 60c.	10 60c.	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48
First cellar men, fermenters, and kettle men.....	46.9	22.50	3 60c.	10 60c.	8 - 8 - 48	.....	41.7	20.00	8 - 8 - 48

<sup>1</sup> For Sundays; for holidays, time and one-half.<sup>2</sup> Scale became 39.6 cents on June 1, 1917.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Scale became 40.6 cents on June 1, 1917.<sup>5</sup> Rate, in cents, per hour. New Year's Day, July 4, Thanksgiving Day, and Christmas off with pay; paid holiday rate in addition if work is performed.<sup>6</sup> "Near beer."<sup>7</sup> Work 47 hours, paid for 48.<sup>8</sup> For Sundays; for holidays, time and one-half.<sup>9</sup> Scale became 46.9 cents on June 11, 1917.<sup>10</sup> Rate, in cents, per hour, for Sundays and part day on holidays; for full day on holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## BREWERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.		Per hour.	Per week full time.	
NORTH ATLANTIC—continued.								
Bridgeport, Conn.:								
Cellar men.....	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.	
41.7	20.00	1 50c.	(3)	8 - 8 - 48				
Fermenters and kettle men.....	39.6	19.00	1 50c.	(2)	8 - 8 - 48			
First cellar men, fermenters, and kettle men.....	43.8	21.00	1 50c.	(2)	8 - 8 - 48			
Buffalo, N. Y.:								
Cellar men, fermenters, and kettle men.....	43.8	21.00	1 50c.	5 50c.	4 8 - 8 - 48			
First cellar men, fermenters, and kettle men.....	45.8	22.00	1 50c.	6 50c.	7 8 - 8 - 48			
Fall River, Mass.:								
Cellar men, fermenters, and kettle men.....	36.5	17.50	1 50c.	1 50c.	8 - 8 - 48			
First cellar men, fermenters, and kettle men.....	40.6	19.50	1 50c.	1 50c.	8 - 8 - 48			
Manchester, N. H.:								
Cellar men and kettle men.....	39.6	19.00	1 65c.	1 65c.	8 - 8 - 48			
Fermenters.....	41.7	20.00	1 65c.	1 65c.	8 - 8 - 48	33.3	16.00	
First cellar men and fermenters.....	41.7	20.00	1 65c.	1 65c.	8 - 8 - 48	33.3	16.00	
First kettle men.....	43.8	21.00	1 65c.	1 65c.	8 - 8 - 48	35.4	17.00	
Newark, N. J.:						37.5	18.00	
Cellar men, fermenters, and kettle men.....	43.8	21.00	1 ½	9 2	8 - 8 - 48			
New Haven, Conn.:								
Cellar men, fermenters, and kettle men.....	44.8	21.50	1 50c.	(10)	8 - 8 - 48			
First cellar men, fermenters, and kettle men.....	46.9	22.50	1 50c.	(10)	8 - 8 - 48			
New York, N. Y.:								
Cellar men, fermenters, and kettle men.....	45.8	22.00	1 60c.	1 275c.	11 8 - 8 - 48	41.7	1920.00	
Philadelphia, Pa.:								
Cellar men, fermenters, and kettle men.....	37.5	18.00	1 ½	9 1½	8 - 8 - 48			
First cellar men, fermenters, and kettle men.....	41.7	20.00	1 ½	9 1½	8 - 8 - 48			
Pittsburgh, Pa.:								
Cellar men, fermenters, and kettle men.....	45.5	21.84	1 ½	1 ½	8 - 8 - 48	40.6	19.50	
First cellar men.....	52.5	25.20	1 ½	1 ½	8 - 8 - 48	46.9	22.50	
First brewhouse men and fermenters.....	47.8	22.96	1 ½	1 ½	8 - 8 - 48	42.7	20.50	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work on Sundays, New Year's Day, and Christmas prohibited; regular day's pay for 4 hours on Memorial and Thanksgiving days, and for 3 hours on May 1 and Labor Day.<sup>3</sup> Scale became 45.8 cents on June 1, 1917.<sup>4</sup> 40 hours and \$17.50 per week, December to March, inclusive.<sup>5</sup> Rate, in cents, per hour, for Sundays; Labor Day, Christmas, and New Year's Day off with pay; for other holidays, regular rate.<sup>6</sup> Scale became 47.9 cents on June 1, 1917.<sup>7</sup> 40 hours and \$18.33 per week, December to March, inclusive.<sup>8</sup> 40 hours and \$17.50 per week, November to March, inclusive.<sup>9</sup> For holidays, regular rate.<sup>10</sup> Work on Sundays prohibited; on holidays, work one-half day, paid for full day.<sup>11</sup> 40 hours and \$18.33 per week, November to March, inclusive.<sup>12</sup> Rate, in cents, per hour, for Sundays; for holidays double time except from May 15 to September 15, regular rate.<sup>13</sup> 40 hours and \$16.67 per week, November to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## BREWERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—		Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>									
Providence, R. I.: Cellar men, fermenters, and kettle men.....	Cents. 43.8	Dolls. 21.00	Regular rate multiplied by— <sup>1</sup> 60c. <sup>1</sup> 75c.	8 - 8 - 48	.....	Cents. 40.6	Dolls. 19.50	8 - 8 - 48	
First cellar men, fermenters, and kettle men.....	47.9	23.00	<sup>1</sup> 60c. <sup>1</sup> 75c.	8 - 8 - 48	.....	44.8	21.50	8 - 8 - 48	
First cellar men, fermenters, and kettle men (4 or more men).....	52.1	25.00	<sup>1</sup> 60c. <sup>1</sup> 75c.	8 - 8 - 48	.....	49.0	23.50	8 - 8 - 48	
Rochester, N. Y.: Cellar men, fermenters, and kettle men.....	41.7	<sup>2</sup> 20.00	<sup>1</sup> 50c. <sup>3</sup> 50c.	<sup>2</sup> 8 - 8 - 48	.....	.....	.....	.....	
First cellar men, fermenters, and kettle men.....	46.9	<sup>4</sup> 22.50	<sup>1</sup> 50c. <sup>3</sup> 50c.	<sup>4</sup> 8 - 8 - 48	.....	.....	.....	.....	
Scranton, Pa.: Cellar men, fermenters, and kettle men.....	41.7	<sup>5</sup> 20.00	<sup>1</sup> $\frac{1}{2}$ <sup>6</sup> 2	<sup>5</sup> 8 - 8 - 48	.....	39.6	<sup>7</sup> 19.00	<sup>7</sup> 8 - 8 - 48	
First cellar men, fermenters, and kettle men.....	45.8	<sup>8</sup> 22.00	<sup>1</sup> $\frac{1}{2}$ 2	<sup>8</sup> 8 - 8 - 48	.....	43.8	<sup>9</sup> 21.00	<sup>9</sup> 8 - 8 - 48	
Springfield, Mass.: Brewhouse men, cellar men, and fermenters.....	41.7	20.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First brewhouse men and fermenters.....	45.8	22.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First cellar men.....	50.0	24.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
Rackers.....	37.5	18.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First racker.....	39.6	19.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
Worcester, Mass.: Cellar men, fermenters, and kettle men.....	43.8	21.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First cellar men.....	50.0	24.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First fermenters and rackers.....	45.8	22.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
First kettle men.....	54.2	26.00	<sup>1</sup> 50c.	2	8 - 8 - 48	.....	.....	.....	
<b>SOUTH ATLANTIC.</b>									
Baltimore, Md.: Cellar men, fermenters, and kettle men.....	39.6	19.00	<sup>1</sup> 50c. <sup>10</sup> 2	8 - 8 - 48	.....	.....	.....	.....	
Jacksonville, Fla.....	<sup>11</sup> 27.0	20.00	<sup>1</sup> $\frac{1}{2}$ 2	<sup>11</sup> 9 - 9 - 54	.....	.....	.....	.....	
Washington, D. C.: Cellar men, fermenters, and kettle men.....	39.6	19.00	<sup>1</sup> $\frac{1}{2}$ <sup>11</sup> $\frac{1}{2}$	8 - 8 - 48	.....	.....	.....	.....	
First cellar men, fermenters, and kettle men.....	45.8	22.00	<sup>1</sup> $\frac{1}{2}$ <sup>11</sup> $\frac{1}{2}$	8 - 8 - 48	.....	.....	.....	.....	
Rackers.....	41.7	20.00	<sup>1</sup> $\frac{1}{2}$ <sup>11</sup> $\frac{1}{2}$	8 - 8 - 48	.....	.....	.....	.....	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> 40 hours and \$16.67 per week, December to March, inclusive.<sup>3</sup> Rate, in cents, per hour, for Sundays; holidays off with pay.<sup>4</sup> 40 hours and \$18.75 per week, December to March, inclusive.<sup>5</sup> 40 hours and \$16.67 per week, November to March, inclusive.<sup>6</sup> For Sundays; work one-half day on Memorial Day and July 4, paid for full day; other holidays off with pay.<sup>7</sup> 40 hours and \$15.83 per week, November to March, inclusive.<sup>8</sup> 40 hours and \$18.33 per week, November to March, inclusive.<sup>9</sup> 40 hours and \$17.50 per week, November to March, inclusive.<sup>10</sup> Christmas and New Year's Day off, with pay; work one-half day on Labor Day, election day, and Thanksgiving Day, paid for full day.<sup>11</sup> Scale became 43.8 cents and 48 hours on June 22, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## BREWERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917. Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Cellar men, fermenters, and kettle men.....	Cents. 52.1	Dolls. 25.00		Regular rate multiplied by— $\frac{1}{2}$ $\frac{1}{2}$		8 - 8 - 48	.....	Cents. 47.9	Dolls. 23.00	
Cincinnati, Ohio; Cellar men, fermenters, and kettle men.....	42.7	20.50	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
Cleveland, Ohio: Cellar men, fermenters, and kettle men.....	41.7	20.00	$\frac{1}{2}$	(1)		8 - 8 - 48	.....	.....	.....	
First cellar men, fermenters, and kettle men.....	44.8	21.50	$\frac{1}{2}$	(1)		8 - 8 - 48	.....	.....	.....	
Columbus, Ohio: Cellar men, fermenters, and kettle men.....	41.7	20.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
Detroit, Mich.: Cellar men, fermenters, and kettle men.....	47.9	23.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
Grand Rapids, Mich.: Cellar men.....	39.6	19.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	37.5	18.00	
Kettle men.....	43.8	21.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	41.7	20.00	
First cellar men and kettle men.....	43.8	21.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	41.7	20.00	
Indianapolis, Ind.: Cellar men, fermenters, and kettle men.....	42.2	20.25	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
Kansas City, Mo.: Cellar men, fermenters, and kettle men.....	49.0	23.50	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	47.9	23.00	
First cellar men, fermenters, and kettle men.....	53.1	25.50	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	52.1	25.00	
Milwaukee, Wis.: Cellar men, fermenters, and kettle men.....	41.7	20.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
Minneapolis, Minn.: Cellar men.....	242.7	20.50	<sup>3</sup> 50c.	<sup>3</sup> 50c.		8 - 8 - 48	.....	.....	.....	
Kettle men, day work.....	242.7	20.50	<sup>3</sup> 50c.	<sup>3</sup> 50c.		8 - 8 - 48	.....	.....	.....	
Kettle men, night work.....	49.0	23.50	<sup>3</sup> 50c.	<sup>3</sup> 50c.		8 - 8 - 48	.....	.....	.....	
Omaha, Nebr.: Cellar men and kettle men.....	43.8	21.00	<sup>3</sup> 60c.	<sup>3</sup> 60c.		8 - 8 - 48	.....	.....	.....	
First cellar men and kettle men.....	47.9	23.00	<sup>3</sup> 60c.	<sup>3</sup> 60c.		8 - 8 - 48	.....	.....	.....	
Peoria, Ill.: Cellar men and kettle men.....	38.5	18.50	<sup>3</sup> 50c.	<sup>3</sup> 50c.		8 - 8 - 48	.....	.....	.....	
First cellar men and kettle men.....	41.7	20.00	<sup>3</sup> 50c.	<sup>3</sup> 50c.		8 - 8 - 48	.....	.....	.....	
Rock Island, Ill.: Cellar men, fermenters, and kettle men.....	51.0	24.50	<sup>3</sup> 75c.	<sup>3</sup> 75c.		8 - 8 - 48	.....	46.9	22.50	
St. Louis, Mo.: Cellar men, fermenters, and kettle men.....	49.0	23.50	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	
St. Paul, Minn.: Cellar men and kettle men.....	42.7	20.50	<sup>5</sup> 50c.	<sup>5</sup> 50c.		8 - 8 - 48	.....	.....	.....	
<b>SOUTH CENTRAL.</b>										
Dallas, Tex.: Brewhouse men, cellar men, and fermenters.....	50.0	24.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	47.9	23.00	
First cellar men.....	64.6	31.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	62.5	30.00	
Houston, Tex.: Brewhouse men and cellar men.....	52.1	25.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48	.....	.....	.....	

<sup>1</sup> Work on Sundays prohibited; holidays off, with pay.<sup>2</sup> Scale became 45.8 cents on June 1, 1917.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Scale became 52.1 cents on June 1, 1917.<sup>5</sup> Rate, in cents, per hour. New Year's Day, July 4, Thanksgiving Day, and Christmas off with pay; receive holiday rate in addition if work is performed.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## BREWERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>SOUTH CENTRAL—concluded.</b>										
Louisville, Ky.: Cellar men, fermenters, and kettle men.	Cents. 43.8	Dolls. 21.00	<i>Regular rate multiplied by—</i>		1½	1½	8 - 8 - 48	.....	Cents. 39.6	
Nashville, Tenn.: <sup>1</sup> Cellar men, fermenters, and kettle men.	31.5	17.00	1½	1½	9 - 9 - 54	.....	19.00	8 - 8 - 48		
New Orleans, La.: Cellar men, fermenters, and kettle men.	43.8	21.00	2 60c.	2 60c.	8 - 8 - 48	.....	41.7	20.00	8 - 8 - 48	
<b>WESTERN.</b>										
Butte, Mont.: Cellar men, fermenters, and kettle men.	66.7	32.00	1½	1½	8 - 7 - 47	.....				
Denver, Colo.: Brewers and washhouse men <sup>1</sup> .	45.8	22.00	1½	1½	8 - 8 - 48	.....				
Los Angeles, Cal.	58.3	28.00	2 75c.	2 85c.	8 - 8 - 48	.....	53.1	25.50	8 - 8 - 48	
Portland, Oreg.	53.1	25.50	2 75c.	2 75c.	8 - 8 - 48	.....				
Salt Lake City, Utah	50.0	24.00	2 70c.	2 70c.	8 - 8 - 48	.....				
San Francisco, Cal.: Brewers and malsters.	58.3	28.00	2 85c.	2 85c.	8 - 8 - 48	.....	53.1	25.50	8 - 8 - 48	
Seattle, Wash.: Brewers and malsters <sup>1</sup> .	50.0	24.00	1½	1½	8 - 8 - 48	.....				
Spokane, Wash.: Brewers and malsters.	53.1	25.50	2 75c.	2 75c.	8 - 8 - 48	.....				

## CHAUFFEURS AND DRIVERS.

NORTH ATLANTIC.									
Boston, Mass.: Chauffeurs, union A.	42.6	\$23.00	2 60c.	4 60c.	5 9 - 9 - 54	.....	38.0	20.50	9 - 9 - 54
Chauffeurs, union B.	38.0	20.50	2 50c.	4 50c.	9 - 9 - 54	.....			
Helpers	28.7	15.50	2 50c.	4 50c.	9 - 9 - 54	.....			
Drivers—									
Bottle beer.	34.3	18.50	2 50c.	2 50c.	9 - 9 - 54	.....			
Depot.	38.9	21.00	2 63c.	4 60c.	3 9 - 9 - 54	.....	34.3	18.50	9 - 9 - 54
Route.	40.7	22.00	2 60c.	4 60c.	6 9 - 9 - 54	.....	36.1	19.50	9 - 9 - 54
Helpers, bottle beer.	28.7	15.50	2 50c.	2 50c.	9 - 9 - 54	.....			
Helpers, route.	35.2	19.00	2 60c.	4 60c.	7 9 - 9 - 54	.....	30.6	16.50	9 - 9 - 54
Bridgeport, Conn.: Chauffeurs, brewery.	41.7	20.00	2 50c.	(8)	8 - 8 - 48	.....			
Chauffeurs, bottle and keg beer.	37.5	18.00	2 50c.	2	8 - 8 - 48	.....			
Chauffeurs, bottling house.	33.3	18.00	1½	2	8 - 8 - 48	.....			

<sup>1</sup> "Near beer."<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> 48 hours and \$23 per week, October to March, inclusive.<sup>4</sup> Rate, in cents, per hour, for Sundays and part day on holidays; for full day on holidays, regular rate.<sup>5</sup> 48 hours and \$21 per week, November to April, inclusive.<sup>6</sup> 48 hours and \$22 per week, November to April, inclusive.<sup>7</sup> 48 hours and \$19 per week, November to April, inclusive.<sup>8</sup> Work on Sundays, New Year's Day, and Christmas prohibited; regular day's pay for 4 hours' work on Memorial and Thanksgiving days, and for 3 hours on May 1 and Labor Day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC—continued.</b>								
Bridgeport, Conn.—Con. Drivers—	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.	
Bottle beer, breweries.....	33.3	18.00	1 50c.	(2)	9 - 9 - 54	-----	-----	
Bottle-beer, agencies and wholesale houses.....	37.5	18.00	1 50c.	(2)	8 - 8 - 48	-----	-----	
Route agencies and wholesale houses.....	41.7	20.00	1 50c.	(2)	8 - 8 - 48	-----	-----	
Route breweries.....	41.7	20.00	1 50c.	(2)	8 - 8 - 48	-----	-----	
Extra.....	35.4	17.00	1 50c.	(2)	8 - 8 - 48	-----	-----	
Helpers, route.....	35.4	17.00	1 50c.	(2)	8 - 8 - 48	-----	-----	
Buffalo, N. Y.: Chauffeurs.....	\$35.2	\$19.00	1 50c.	1	4 9 - 9 - 54	-----	-----	
Chauffeurs, bottle beer.....	\$32.4	\$17.50	1 1/2	1 1/2	6 9 - 9 - 54	-----	-----	
Helpers (second man on auto truck).....	\$32.4	\$17.50	1 50c.	1	7 9 - 9 - 54	-----	-----	
Drivers—								
Bottle beer.....	\$32.4	\$17.50	1 1/2	1 1/2	6 9 - 9 - 54	-----	-----	
Route.....	\$35.2	\$19.00	1 50c.	1	4 9 - 9 - 54	-----	-----	
Extra.....	\$32.4	\$17.50	1 50c.	1	7 9 - 9 - 54	-----	-----	
Helpers.....	\$29.6	\$16.00	1 50c.	(10)	9 9 - 9 - 54	-----	-----	
Fall River, Mass.: Chauffeurs.....	32.4	17.50	1 50c.	1 50c.	11 9 - 9 - 54	-----	-----	
Helpers.....	28.7	15.50	1 50c.	1 50c.	12 9 - 9 - 54	-----	-----	
Manchester, N. H.: Drivers—								
1 horse.....	33.3	20.00	1 65c.	1 65c.	10 - 10 - 60	-----	31.5	
2 horses.....	34.2	20.50	1 65c.	1 65c.	10 - 10 - 60	-----	32.4	
Newark, N. J.: Chauffeurs, union A.....	38.9	\$121.00	1 1/2	14 60c.	13 9 - 9 - 54	-----	-----	
Chauffeurs, union B.....	38.9	\$121.00	1 1/2	15 2	13 9 - 9 - 54	-----	-----	
Helpers, union A.....	37.0	\$120.00	1 1/2	14 60c.	13 9 - 9 - 54	-----	-----	
Helpers, union B.....	31.5	\$117.00	1 1/2	15 2	17 9 - 9 - 54	-----	-----	
Drivers—								
Route, union A.....	38.9	\$121.00	1 1/2	14 60c.	13 9 - 9 - 54	-----	-----	
Route, union B.....	35.2	\$119.00	1 1/2	15 2	18 9 - 9 - 54	-----	-----	
Extra, union A.....	35.2	\$119.00	1 1/2	14 60c.	18 9 - 9 - 54	-----	-----	
3 horses.....	38.9	\$121.00	1 1/2	14 60c.	13 9 - 9 - 54	-----	-----	
Helpers, ale wagons.....	31.5	\$117.00	1 1/2	1	17 9 - 9 - 54	-----	-----	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work on Sundays, New Year's Day, and Christmas prohibited; regular day's pay for 4 hours, work on Memorial and Thanksgiving days, and for 3 hours on May 1 and Labor Day.<sup>3</sup> Scale became 37 cents on June 1, 1917.<sup>4</sup> 45 hours and \$16.67 per week, December to March, inclusive.<sup>5</sup> Scale became 34.3 cents on July 1, 1917.<sup>6</sup> And commissions; 45 hours and \$14.58 per week and commissions, December to March, inclusive.<sup>7</sup> 45 hours and \$14.58 per week, December to March, inclusive.<sup>8</sup> Scale became \$1.5 cents on June 1, 1917.<sup>9</sup> 45 hours and \$14.17 per week, December to March, inclusive.<sup>10</sup> Do not work.<sup>11</sup> 48 hours and \$17.50 per week, November to April, inclusive.<sup>12</sup> 48 hours and \$15.50 per week, November to April, inclusive.<sup>13</sup> 45 hours and \$17.50 per week, November to March, inclusive.<sup>14</sup> Rate, in cents, per hour, for Sundays; for holidays, regular rate.<sup>15</sup> For Sundays; for holidays, regular rate.<sup>16</sup> 45 hours and \$16.67 per week, November to March, inclusive.<sup>17</sup> 45 hours and \$14.17 per week, November to March, inclusive.<sup>18</sup> 45 hours and \$15.83 per week, November to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
New Haven, Conn.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Chauffeurs.....	43.8	21.00	1	50c.	8 - 8 - 48		.....	.....		
Drivers—										
Bottle beer.....	35.2	19.00	1	35c.	1	39 - 9 - 54	.....	.....		
Keg beer.....	43.8	21.00	1	50c.	1	8 - 8 - 48	.....	.....		
Extra.....	41.7	20.00	1	50c.	1	8 - 8 - 48	.....	.....		
Helpers, bottle beer.....	27.8	15.00	1	35c.	1	49 - 9 - 54	.....	.....		
Helpers, keg beer.....	39.6	19.00	1	50c.	1	8 - 8 - 48	.....	.....		
New York, N. Y.:										
Chauffeurs, unions A, B, and C.....	38.3	23.00	1	60c.	5 75c.	10 - 10 - 60	35.0	21.00	10 - 10 - 60	
Chauffeurs, unions D and E.....	36.7	22.00	1	2	5 50c.	10 - 10 - 60	33.3	20.00	10 - 10 - 60	
Drivers—										
Helpers and extra drivers, unions A and B.....	33.3	20.00	1	60c.	5 75c.	10 - 10 - 60	30.0	18.00	10 - 10 - 60	
Helpers and extra drivers, unions D and E.....	28.3	17.00	1	2	5 50c.	10 - 10 - 60	25.0	15.00	10 - 10 - 60	
Drivers—										
Bottle beer.....	31.7	19.00	1	2	5 50c.	10 - 10 - 60	28.3	17.00	10 - 10 - 60	
Keg beer.....	36.7	22.00	1	60c.	5 75c.	10 - 10 - 60	33.3	20.00	10 - 10 - 60	
Extra, keg beer.....	33.3	20.00	1	60c.	5 75c.	10 - 10 - 60	30.0	18.00	10 - 10 - 60	
Extra.....	33.3	20.00	1	60c.	5 60c.	10 - 10 - 60	30.0	18.00	10 - 10 - 60	
Helpers, ale wagons.....	30.0	18.00	1	60c.	5 60c.	10 - 10 - 60	26.7	16.00	10 - 10 - 60	
Philadelphia, Pa.:										
Chauffeurs.....	33.3	20.00	1	50c.	7 1	8 10 - 10 - 60	.....	.....		
Drivers—										
Bottle beer.....	27.8	15.00	1	2	7 1	9 - 9 - 54	.....	.....		
Keg beer.....	33.3	20.00	1	50c.	7 1	8 10 - 10 - 60	.....	.....		
Extra.....	31.7	19.00	1	50c.	7 1	8 10 - 10 - 60	.....	.....		
Helpers.....	28.3	17.00	1	50c.	7 1	8 10 - 10 - 60	.....	.....		
Pittsburgh, Pa.:										
Chauffeurs.....	44.6	24.08	1	2		9 - 9 - 54	.....	.....		
Chauffeurs, wholesale trade.....	30.0	18.00	1	2		10 - 10 - 60	.....	.....		
Helpers.....	40.4	21.84	1	2		9 - 9 - 54	.....	.....		
Drivers—										
Bottle beer.....	43.5	22.96	1	2		9 - 9 - 54	38.0	20.50	9 - 9 - 54	
Keg beer.....	44.6	24.08	1	2		9 - 9 - 54	39.8	21.50	9 - 9 - 54	
Wholesale trade.....	29.2	17.50	1	2		10 - 10 - 60	26.7	16.00	10 - 10 - 60	
Shipping.....	39.4	21.28	1	2		9 - 9 - 54	35.2	19.00	9 - 9 - 54	
Helpers.....	34.2	18.48	1	2		9 - 9 - 54	30.6	16.50	9 - 9 - 54	
Providence, R. I.:										
Chauffeurs—										
Bottle beer.....	39.6	19.00	1	60c.	1 75c.	8 - 8 - 48	36.5	17.50	8 - 8 - 48	
Depot.....	44.8	21.50	1	60c.	1 75c.	8 - 8 - 48	37.0	20.00	9 9 - 9 - 54	
Route.....	46.9	22.50	1	60c.	1 75c.	8 - 8 - 48	38.9	21.00	9 9 - 9 - 54	
Helpers, bottle beer.....	36.5	17.50	1	60c.	1 75c.	8 - 8 - 48	32.3	15.50	8 - 8 - 48	
Drivers—										
Bottle beer.....	39.6	19.00	1	60c.	1 75c.	8 - 8 - 48	36.5	17.50	8 - 8 - 48	
Depot.....	44.8	21.50	1	60c.	1 75c.	8 - 8 - 48	37.0	20.00	9 9 - 9 - 54	
Route.....	46.9	22.50	1	60c.	1 75c.	8 - 8 - 48	38.9	21.00	9 9 - 9 - 54	
Helpers, bottle beer.....	36.5	17.50	1	60c.	1 75c.	8 - 8 - 48	32.3	15.50	8 - 8 - 48	
Helpers, keg beer.....	38.5	18.50	1	60c.	1 75c.	8 - 8 - 48	31.5	17.00	9 9 - 9 - 54	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work on Sundays prohibited; on holidays, work one-half day, paid for full day.<sup>3</sup> 48 hours and \$19 per week, October to April, inclusive.<sup>4</sup> 48 hours and \$15 per week, October to April, inclusive.<sup>5</sup> Rate, in cents, per hour, for Sundays; for holidays, double time, except from May 15 to Sept. 15, regular rate.<sup>6</sup> And various commissions.<sup>7</sup> Work on Sundays prohibited.<sup>8</sup> 9 hours per day, \$4 per week, October to April, inclusive.<sup>9</sup> 8 hours per day, 48 hours per week, November to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week		Rate of wages—		Hours—Full day; Saturdays; Full week	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
Rochester, N. Y.:										
Chaussfeurs—	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Bottle beer .....	38.0	20.50	1 50c.	2 50c.	3 9 - 9 - 54					
Bottle beer (peddlers) .....	34.3	18.50	1 50c.	2 50c.	3 9 - 9 - 54					
Route (peddlers) .....	38.9	21.00	1 50c.	2 50c.	3 9 - 9 - 54					
Freight .....	32.4	17.50	1 50c.	2 50c.	3 9 - 9 - 54					
Helpers .....	33.3	18.00	1 50c.	2 50c.	3 9 - 9 - 54					
Drivers—										
Bottle beer .....	24.3	18.50	1 50c.	2 50c.	3 9 - 9 - 54					
Route (peddlers) .....	38.9	21.00	1 50c.	2 50c.	3 9 - 9 - 54					
Do .....	38.0	20.50	1 50c.	2 50c.	3 9 - 9 - 54					
Freight .....	34.3	18.50	1 50c.	2 50c.	3 9 - 9 - 54					
Do .....	32.4	17.50	1 50c.	2 50c.	3 9 - 9 - 54					
Special .....	33.3	18.00	1 50c.	2 50c.	3 9 - 9 - 54					
Do .....	32.4	17.50	1 50c.	2 50c.	3 9 - 9 - 54					
3 horses .....	36.1	19.50	1 50c.	2 50c.	3 9 - 9 - 54					
Helpers .....	32.4	17.50	1 50c.	2 50c.	3 9 - 9 - 54					
Helpers, route .....	33.3	18.00	1 50c.	2 50c.	3 9 - 9 - 54					
Scranton:										
Chaussfeurs (auto truck) .....	37.0	20.00	1 ½	4 2	9 - 9 - 54		35.2	19.00	9 - 9 - 54	
Chaussfeurs, bottle beer .....	24.1	13.00	1 ½	4 2	9 - 9 - 54		22.2	12.00	9 - 9 - 54	
Chaussfeurs, under 1 ton .....	30.6	16.50	1 ½	2	9 - 9 - 54		(6)	(6)	(6)	
Chaussfeurs, 1 ton or over .....	33.3	18.00	1 ½	2	9 - 9 - 54		(6)	(6)	(6)	
Drivers—										
Bottle beer, suburban route .....	34.3	18.50	1 ½	4 2	9 - 9 - 54		32.4	17.50	9 - 9 - 54	
Bottle beer, city route .....	24.1	13.00	1 ½	4 2	9 - 9 - 54		22.2	12.00	9 - 9 - 54	
Route, keg beer .....	37.0	20.00	1 ½	4 2	9 - 9 - 54		35.2	19.00	9 - 9 - 54	
Extra .....	34.3	18.50	1 ½	4 2	9 - 9 - 54		32.4	17.50	9 - 9 - 54	
1 horse .....	30.6	16.50	1 ½	2	9 - 9 - 54		(6)	(6)	(6)	
2 horses .....	33.3	18.00	1 ½	2	9 - 9 - 54		(6)	(6)	(6)	
3 or more horses .....	38.9	21.00	1 ½	4 2	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
Helpers, bottle beer .....	29.6	16.00	1 ½	4 2	9 - 9 - 54		27.8	15.00	9 - 9 - 54	
Helpers, keg beer .....	29.6	16.00	1 ½	4 2	9 - 9 - 54		27.8	15.00	9 - 9 - 54	
Springfield, Mass.:										
Chaussfeurs .....	45.8	22.00	1 50c.	2	8 - 8 - 48					
Drivers—										
Bottle beer .....	39.6	19.00	1 50c.	2	8 - 8 - 48					
Route .....	45.8	22.00	1 50c.	2	8 - 8 - 48					
Shipping .....	39.6	19.00	1 50c.	2	8 - 8 - 48					
Helpers .....	39.6	19.00	1 50c.	2	8 - 8 - 48					
Worcester, Mass.:										
Chaussfeurs .....	40.7	22.00	1 50c.	2	7 9 - 9 - 54					
Chaussfeurs, wholesale trade .....	32.8	21.00	1 50c.	2	10 - 14 - 64					
Drivers—										
Bottle beer .....	38.9	21.00	1 50c.	2	7 9 - 9 - 54					
Bottle beer, wholesale trade .....	32.8	21.00	1 50c.	2	10 - 14 - 64					
Brewery .....	40.7	22.00	1 50c.	2	7 9 - 9 - 54					
On teams handling larger than ½ barrels .....	32.8	21.00	1 50c.	2	10 - 14 - 64					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay, and 50 cents per hour additional, if work is performed.<sup>3</sup> 48 hours per week, October to March, inclusive.<sup>4</sup> For Sundays; on Memorial Day and July 4, work one-half day, paid for full day; other holidays off, with pay.<sup>5</sup> And various commissions.<sup>6</sup> Not organized on May 15, 1916.<sup>7</sup> 8 hours per day, 48 per week, December to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed.	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—concluded.</b>										
Worcester, Mass.—concluded.										
Drivers—Concluded.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Helpers, bottle beer.....	36.1	19.50	1 50c.	2	2 9 - 9 -54					
Helpers, bottle beer, wholesale trade.....	25.0	16.00	1 50c.	2	10 -14 -64					
Helpers, brewery.....	38.0	20.50	1 50c.	2	2 9 - 9 -54					
Helpers on teams han- dling larger than $\frac{1}{2}$ barrels.....	.	28.1	18.00	1 50c.	2	10 -14 -64				
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.: Chauffeurs.....	31.7	19.00	1 40c.	3 1	10 -10 -60					
Drivers—										
Bottle beer.....	25.0	15.00	1 40c.	3 1	10 -10 -60					
Route, keg beer.....	31.7	19.00	1 40c.	3 1	10 -10 -60					
Shipping and extra.....	28.3	17.00	1 40c.	3 1	10 -10 -60					
Jacksonville, Fla.: Drivers.....	33.3	18.00	1 1/2	2	5 9 - 9 -54					
Washington, D. C.: Chauffeurs—										
Bottle beer.....	21.7	13.00	(7)	(7)	10 -10 -60					
Route, keg beer.....	23.3	14.00	(7)	(7)	10 -10 -60					
Drivers—										
Bottle beer.....	21.7	13.00	(7)	(7)	10 -10 -60					
Route, keg beer.....	23.3	14.00	(7)	(7)	10 -10 -60					
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Chauffeurs—										
Keg beer.....	38.3	23.00	1 1/2	9 1/3	10 -10 -60		34.6	20.77	10 -10 -60	
Keg beer (peddlers).....	35.8	21.50	1 1/2	9 1/3	10 -10 -60		32.7	19.62	10 -10 -60	
Do.....	35.8	21.50	1 50c.	1 1/2	10 -10 -60					
Drivers—										
Bottle beer.....	30.0	18.00	1	(12)	10 -10 -60					
Bottle beer (peddlers).....	30.0	18.00	1 50c.	(18)	10 -10 -60					
Keg beer (peddlers), union A.....	35.8	21.50	1 50c.	1 1/2	10 -10 -60		32.7	19.62	10 -10 -60	
Keg beer (peddlers), union B.....	35.8	21.50	1 1/2	9 1/3	10 -10 -60		32.7	19.62	10 -10 -60	
Extra keg beer, union A.....	33.3	20.00	1 1/2	9 1/3	10 -10 -60		28.9	17.31	10 -10 -60	
3 or 4 horses, union B.....	35.8	21.50	1 1/2	9 1/3	10 -10 -60		30.8	18.46	10 -10 -60	
Helpers, bottle beer, union A.....	30.8	18.50	1 50c.	(18)	10 -10 -60		28.3	17.00	10 -10 -60	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> 8 hours per day, 48 per week, December to March, inclusive.<sup>3</sup> For Sundays; Christmas and New Year's Day off, with pay; work one-half day on Labor Day, election days, and Thanksgiving Day, paid for full day.<sup>4</sup> And 1 cent for each empty box and 3 cents for each box containing 24 empty bottles returned.<sup>5</sup> Scale became 39.6 cents and 48 hours on June 22, 1917.<sup>6</sup> And 2.5 cents per dozen for empty bottles and 1 cent each for empty cases returned.<sup>7</sup> Work prohibited.<sup>8</sup> And various commissions on sales.<sup>9</sup> For Sundays; holidays off with pay, time and one-half if work is performed.<sup>10</sup> And 4 cents per barrel for returned empties.<sup>11</sup> And various bonuses on returned empty bottles and cases.<sup>12</sup> Work on Sundays prohibited; holidays off, with pay.<sup>13</sup> For Sundays, \$3 per day; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Rate of wages—				
	Per hour.	Per week full time.	For over- time.		Per hour.		Per week full time.		
<b>NORTH CENTRAL—continued.</b>									
Chicago, Ill.—Concluded. Drivers—Concluded. Helpers, bottle beer, union C.....	Cents. 22.5	Dolls. 13.50	Regular rate multiplied by— 1 (1)	10 -10 -60	.....	Cents. 20.0	Dolls. 12.00	10 -10 -60	
Helpers, keg beer, union A.....	33.3	20.00	2 50c.	1 1/2	10 -10 -60	.....	28.9	17.31	
Helpers, keg beer, union B.....	33.3	20.00	1 1/2	3 1/2	10 -10 -60	.....	28.9	17.31	
Cincinnati, Ohio: Chauffeurs.....	37.0	20.00	1 1/2	1 1/2	4 9 - 9 -54	.....	.....	.....	
Drivers—									
Bottle beer.....	40.6	19.50	1 1/2	5 1/2	8 - 8 -48	.....	.....	.....	
Route, keg beer.....	37.0	20.00	1 1/2	1 1/2	4 9 - 9 -54	.....	.....	.....	
Extra.....	31.5	17.00	1 1/2	1 1/2	4 9 - 9 -54	.....	.....	.....	
Shipping and malt, 2 horses.....	34.3	18.50	1 1/2	1 1/2	4 9 - 9 -54	.....	.....	.....	
Shipping and malt, 3 or 4 horses.....	27.0	20.00	1 1/2	5 1/2	4 9 - 9 -54	.....	.....	.....	
Helpers, bottle beer.....	34.4	16.50	1 1/2	5 1/2	8 - 8 -48	.....	.....	.....	
Helpers, keg beer.....	32.4	17.50	1 1/2	1 1/2	4 9 - 9 -54	.....	.....	.....	
Cleveland, Ohio: Chauffeurs—									
Bottle beer.....	35.4	17.00	1 1/2	(1)	8 - 8 -48	.....	.....	.....	
Keg beer.....	37.0	20.00	1 1/2	(1)	6 9 - 9 -54	.....	.....	.....	
Drivers—									
Bottle beer.....	28.1	16.00	1 1/2	(1)	9 1/2 - 9 -57	.....	.....	.....	
Keg beer.....	37.0	20.00	1 1/2	(1)	6 9 - 9 -54	.....	.....	.....	
Extra, bottle beer.....	35.4	17.00	1 1/2	(1)	8 - 8 -48	.....	.....	.....	
Extra, keg beer.....	31.5	17.00	1 1/2	(1)	6 9 - 9 -57	.....	.....	.....	
Columbus, Ohio: Chauffeurs.....	31.7	19.00	1 1/2	5 1/2	10 -10 -60	.....	.....	.....	
Drivers—									
Bottle and keg beer.....	31.7	19.00	1 1/2	5 1/2	10 -10 -60	.....	.....	.....	
Shipping.....	30.0	18.00	1 1/2	5 1/2	10 -10 -60	.....	.....	.....	
1-horse wagon.....	26.7	16.00	1 1/2	5 1/2	10 -10 -60	.....	.....	.....	
Helpers.....	21.7	13.00	1 1/2	5 1/2	10 -10 -60	.....	.....	.....	
Detroit, Mich.: Chauffeurs.....	37.0	20.00	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Drivers—									
Bottle beer.....	38.0	20.50	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Keg beer.....	41.7	22.50	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Shipping.....	36.1	19.50	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Extra.....	33.3	18.00	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Malthouse.....	43.8	21.00	1 1/2	(8)	8 - 8 -48	41.7	20.00	8 - 8 -48	
Helpers, bottle beer.....	28.7	15.50	1 1/2	(1)	9 - 9 -54	.....	.....	.....	
Grand Rapids, Mich.: Chauffeurs—									
Bottle beer.....	32.5	19.50	1 1/2	1 1/2	9 10 -10 -60	.....	30.8	18.50	
Keg beer.....	30.8	18.50	1 1/2	1 1/2	9 10 -10 -60	.....	29.2	17.50	

<sup>1</sup> Sunday work prohibited; holidays off, with pay.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> For Sundays: holidays off with pay, time and one-half if work is performed.<sup>4</sup> 8 hours per day, 48 per week, October to March, inclusive.<sup>5</sup> For holidays; do not work on Sundays.<sup>6</sup> 8 hours per day, 48 per week, November to April, inclusive.<sup>7</sup> And various commissions.<sup>8</sup> Work prohibited.<sup>9</sup> 9 hours per day, 54 per week, October to March, inclusive.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 97

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
NORTH CENTRAL—continued.										
Grand Rapids, Mich.—Con.										
Drivers—	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Bottle beer .....	32.5	19.50	1½	1½	1 10 -10 -60	.....	30.8	18.50	1 10 -10 -60	
Keg beer .....	30.8	18.50	1½	1½	1 10 -10 -60	.....	29.2	17.50	1 10 -10 -60	
General .....	30.0	18.00	1½	1½	1 10 -10 -60	.....	27.5	16.50	1 10 -10 -60	
Indianapolis, Ind.: Drivers—										
Bottle beer .....	33.3	18.00	1½	1½	9 - 9 -54	.....	.....	.....	.....	
Keg beer .....	37.0	20.00	1½	(3)	9 - 9 -54	.....	.....	.....	.....	
Telephone .....	28.7	15.50	1½	(4)	9 - 9 -54	.....	.....	.....	.....	
Shipping, 2 horses .....	33.3	18.00	1½	(3)	9 - 9 -54	.....	.....	.....	.....	
Shipping, 3 or 4 horses .....	34.3	18.50	1½	(8)	9 - 9 -54	.....	.....	.....	.....	
Helpers .....	26.9	14.50	1½	(8)	9 - 9 -54	.....	.....	.....	.....	
Kansas City, Mo.: Chauffeurs—										
Trucks less than 2 tons .....	39.8	21.50	4 50c.	5 50c.	9 - 9 -54	.....	38.9	21.00	9 - 9 -54	
Shipping or trucks, 2 tons or over .....	41.7	22.50	4 50c.	5 50c.	9 - 9 -54	.....	40.7	22.00	9 - 9 -54	
Helpers, route .....	32.4	17.50	4 50c.	5 50c.	9 - 9 -54	.....	31.5	17.00	9 - 9 -54	
Helpers, shipping .....	36.1	19.50	4 50c.	5 50c.	9 - 9 -54	.....	35.2	19.00	9 - 9 -54	
Drivers—										
Bottle beer .....	22.5	13.50	4 50c.	5 50c.	10 -10 -60	.....	21.7	13.00	10 -10 -60	
2 or 3 horses, route, or route and shipping .....	38.0	20.50	4 50c.	5 50c.	9 - 9 -54	.....	37.0	20.00	9 - 9 -54	
2 horses .....	34.3	18.50	4 50c.	5 50c.	9 - 9 -54	.....	33.3	18.00	9 - 9 -54	
3 horses, route .....	39.8	21.50	4 50c.	5 50c.	9 - 9 -54	.....	38.9	21.00	9 - 9 -54	
Helpers, bottle beer .....	31.7	17.10	4 50c.	5 50c.	9 - 9 -54	.....	30.7	16.60	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	.....	.....	.....	.....	
Minneapolis, Minn.: Chauffeurs .....	31.7	19.00	4 50c.	5 50c.	10 -10 -60	.....	.....	.....	.....	
Drivers—										
Bottle beer .....	1033.3	20.00	50c.	9 50c.	10 -10 -60	.....	.....	.....	.....	
Keg beer .....	1031.7	19.00	50c.	9 50c.	10 -10 -60	.....	.....	.....	.....	
Special orders .....	1026.7	16.00	50c.	9 50c.	10 -10 -60	.....	.....	.....	.....	
3 horses .....	1028.3	17.00	50c.	9 50c.	10 -10 -60	.....	.....	.....	.....	
Helpers .....	1026.7	16.00	50c.	9 50c.	10 -10 -60	.....	.....	.....	.....	

<sup>1</sup> 9 hours per day, 54 per week, October to March, inclusive.

<sup>2</sup> And a bonus of 4 cents on large empties and 2 cents on medium-sized empties returned.

<sup>3</sup> 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, 1 day's pay.

<sup>4</sup> Rate, in cents, per hour.

<sup>5</sup> Rate, in cents, per hour, for Sundays; for holidays, work one-half day, paid for full day.

<sup>6</sup> And various commissions.

<sup>7</sup> And 3 cents per case for empties returned.

<sup>8</sup> Scale became 33.3 cents on June 1, 1917.

<sup>9</sup> Rate, in cents, per hour for Sundays; holidays off, with pay.

<sup>10</sup> Scale became 35.8 cents on June 1, 1917.

<sup>11</sup> Scale became 34.2 cents on June 1, 1917.

<sup>12</sup> Scale became 29.2 cents on June 1, 1917.

<sup>13</sup> Scale became 30.8 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week;	Per hour. Per week full time. For overtime. For Sundays and holidays.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Omaha, Nebr.: Chauffeurs.....	Cents. 40.7	Dolls. 22.00	Regular rate multiplied by 1 50c.	1 50c.	1 50c.	9 - 9 - 54	Cents. ....	Dolls. ....		
Helpers.....	37.0	20.00	1 50c.	1 50c.	1 50c.	9 - 9 - 54				
Drivers—										
Bottle beer or shipping and extra drivers.....	37.0	20.00	1 50c.	1 50c.	1 50c.	9 - 9 - 54				
Route, keg and bottle.....	40.7	22.00	1 50c.	1 50c.	1 50c.	9 - 9 - 54				
Peoria, Ill.: Drivers—										
Bottle beer.....	30.0	18.00	1 50c.	1 50c.	2 10 - 10 - 60					
Route.....	31.7	19.00	1 50c.	1 50c.	2 10 - 10 - 60					
Shipping.....	28.3	17.00	1 50c.	1 50c.	2 10 - 10 - 60					
Rock Island, Ill.: Drivers.....	41.7	22.50	1 65c.	1 65c.	3 9 - 9 - 54		34.2	20.50	2 10 - 10 - 60	
St. Louis, Mo.: Chauffeurs—										
Bottle beer.....	35.0	21.00	1 1/2	1 1/2	10 - 10 - 60					
Keg beer.....	35.0	21.00	1 1/2	1 1/2	10 - 10 - 60					
Shipping.....	33.3	20.00	1 1/2	1 1/2	10 - 10 - 60					
Delivering beer to city points.....	31.7	19.00	1 1/2	1 1/2	10 - 10 - 60					
Drivers—										
Bottle beer.....	31.7	19.00	1 1/2	1 1/2	10 - 10 - 60					
Keg beer.....	35.0	21.00	1 1/2	1 1/2	10 - 10 - 60					
Extra.....	28.3	17.00	1 1/2	1 1/2	10 - 10 - 60					
2 horses.....	31.7	19.00	1 1/2	1 1/2	10 - 10 - 60					
3 horses.....	33.3	20.00	1 1/2	1 1/2	10 - 10 - 60					
4 horses.....	35.0	21.00	1 1/2	1 1/2	10 - 10 - 60					
6 horses.....	38.3	23.00	1 1/2	1 1/2	10 - 10 - 60					
Helpers, bottle beer.....	22.5	13.50	1 1/2	1 1/2	10 - 10 - 60					
St. Paul, Minn.: Chauffeurs.....	6 32.3	19.38	1 50c.	6 50c.	10 - 10 - 60					
Drivers—										
Bottle or keg beer.....	6 32.3	19.38	1 50c.	6 50c.	10 - 10 - 60					
Shipping, 2 horses, or extra, keg beer.....	7 26.5	15.92	1 50c.	6 50c.	10 - 10 - 60					
Shipping, 3 or 4 horses.....	8 28.5	17.08	1 50c.	6 50c.	10 - 10 - 60					
Yard.....	9 23.1	13.85	1 50c.	6 50c.	10 - 10 - 60					
SOUTH CENTRAL.										
Dallas, Tex.: Chauffeurs.....	40.7	22.00	1 1/2	1 1/2	9 - 9 - 54					
Drivers—										
Bottle or keg beer.....	40.7	10 <sup>2</sup> 22.00	1 1/2	1 1/2	9 - 9 - 54		33.3	20.00	10 - 10 - 60	
Telephone.....	37.0	20.00	1 1/2	1 1/2	9 - 9 - 54		30.0	18.00	10 - 10 - 60	
Helpers.....	29.6	16.00	1 1/2	1 1/2	9 - 9 - 54		25.0	15.00	10 - 10 - 60	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> 9 hours per day, 54 per week, October to March, inclusive.<sup>3</sup> 8 hours per day, 48 per week, Sept. 15 to Apr. 15, inclusive.<sup>4</sup> For Sundays; for holidays, regular rate.<sup>5</sup> Scale became 35.4 cents on June 1, 1917.<sup>6</sup> Rate, in cents, per hour. New Year's Day, July 4, Labor Day, Thanksgiving Day, and Christmas off, for, with pay.<sup>7</sup> Scale became 29.6 cents on June 1, 1917.<sup>8</sup> Scale became 31.5 cents on June 1, 1917.<sup>9</sup> Scale became 26.9 cents on June 1, 1917.<sup>10</sup> And various commissions on sales.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 99

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

**BREWERY AND BOTTLING-HOUSE WORKMEN**—Continued.

**CHAUFFEURS AND DRIVERS**—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.								
Houston, Tex.: Chauffeurs	Cents. 44.8	Dolls. 21.50	Regular rate multiplied by $\frac{1}{2}$	8 - 8 - 48	Cents. ....	Dolls. ....	....	
Drivers—								
Bottle beer	42.0	123.08	$\frac{1}{2}$ $\frac{2}{1}$	9 - 10 - 55				
Keg beer	42.0	23.08	$\frac{1}{2}$ $\frac{2}{1}$	9 - 10 - 55				
Shipping	40.6	19.50	$\frac{1}{2}$ $\frac{2}{1}$	8 - 8 - 48				
Helpers	27.3	15.00	$\frac{1}{2}$ $\frac{2}{1}$	9 - 10 - 55				
Louisville, Ky.: Chauffeurs—								
Bottle beer	34.4	16.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 - 48	27.8	15.00	$\frac{3}{4}$ 9 - 9 - 54	
Keg beer	43.8	21.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 - 48	38.0	20.50	$\frac{3}{4}$ 9 - 9 - 54	
Drivers—								
Bottle beer	34.4	16.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 - 48	27.8	15.00	$\frac{3}{4}$ 9 - 9 - 54	
Keg beer	43.8	21.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 - 48	38.0	20.50	$\frac{3}{4}$ 9 - 9 - 54	
Nashville, Tenn.: Drivers	29.6	16.00	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54				
New Orleans, La.: Chauffeurs—								
Route, keg beer	42.6	23.00	2 (4)	9 - 9 - 54	40.7	22.00	9 - 9 - 54	
Extra, shipping and telephone	25.4	15.25	2 (6)	10 - 10 - 60	24.2	14.50	10 - 10 - 60	
Drivers—								
Bottle beer	40.7	22.00	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54	38.9	21.00	9 - 9 - 54	
Route, keg beer	42.6	23.00	2 (4)	9 - 9 - 54	40.7	22.00	9 - 9 - 54	
Extra, telephone, and shipping	26.3	15.75	2 (8)	10 - 10 - 60	24.2	14.50	10 - 10 - 60	
WESTERN.								
Butte, Mont.: Drivers—								
Route	64.9	31.15	$\frac{1}{2}$ $\frac{1}{2}$	7 8 - 8 - 48				
Extra	55.3	26.54	$\frac{1}{2}$ $\frac{1}{2}$	7 8 - 8 - 48				
Denver, Colo.: <sup>a</sup> Drivers—								
Route	38.7	20.90	<sup>b</sup> 50c.	<sup>b</sup> 50c.	9 - 9 - 54			
Extra	34.6	18.70	<sup>b</sup> 50c.	<sup>b</sup> 50c.	9 - 9 - 54			
Los Angeles, Cal.: Drivers—								
Bottle beer	47.1	24.00	<sup>b</sup> 75c.	<sup>c</sup> 10 2	84 - 84 - 51	42.6	23.00	
Keg beer	49.0	25.00	<sup>b</sup> 75c.	<sup>c</sup> 10 2	84 - 84 - 51	44.4	24.00	
Helpers	47.1	24.00	<sup>b</sup> 75c.	<sup>c</sup> 10 2	84 - 84 - 51	35.2	19.00	
Salt Lake City, Utah: Drivers—								
Bottle or keg beer	40.7	22.00	<sup>b</sup> 50c.	<sup>b</sup> 50c.	9 - 9 - 54			
Helpers	34.3	18.50	<sup>b</sup> 50c.	<sup>b</sup> 50c.	9 - 9 - 54			
San Francisco, Cal.: Chauffeurs—								
Bottle beer	52.1	25.00	<sup>b</sup> 75c.	<sup>b</sup> 75c.	8 - 8 - 48	38.3	23.00	
Keg beer	56.3	27.00	<sup>b</sup> 75c.	<sup>b</sup> 75c.	8 - 8 - 48	41.7	25.00	

<sup>1</sup> And various commissions on sales.

<sup>2</sup> For Sundays and Labor Day, time and one-half.

<sup>3</sup> 8 hours per day, 48 per week, October to March, inclusive.

<sup>4</sup> 40 cents per hour more than regular rate.

<sup>5</sup> 25 cents per hour more than regular rate.

<sup>6</sup> And 5 cents per case for returned empties.

<sup>7</sup> 9 hours per day, 54 per week, June to September, inclusive.

<sup>8</sup> "Near beer."

<sup>9</sup> Rate, in cents, per hour.

<sup>10</sup> For Sundays, 75 cents per hour.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## CHAUFFEURS AND DRIVERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<b>WESTERN—concluded.</b>										
San Francisco, Cal.—Concl'd.										
Drivers	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Route, bottle beer.....	52.1	25.00	1 75c.	1 75c.	8 - 8 - 48	.....	38.3	23.00	10 - 10 - 60	
Route, keg beer.....	62.5	30.00	1 75c.	1 75c.	8 - 8 - 48	.....	46.7	28.00	10 - 10 - 60	
Shipping, 2 horses.....	54.2	26.00	1 75c.	1 75c.	8 - 8 - 48	.....	40.0	24.00	10 - 10 - 60	
Shipping, 3 or 4 horses.....	58.3	28.00	1 75c.	1 75c.	8 - 8 - 48	.....	43.3	26.00	10 - 10 - 60	
Extra and watch wagon.	54.2	26.00	1 75c.	1 75c.	8 - 8 - 48	.....	40.0	24.00	10 - 10 - 60	
Helpers.....	54.2	26.00	1 75c.	1 75c.	8 - 8 - 48	.....	40.0	24.00	10 - 10 - 60	
Seattle, Wash. <sup>a</sup>										
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 <sup>b</sup> .....	42.6	23.00	1 60c.	1 60c.	9 - 9 - 54	.....				

## COOPERS.

NORTH ATLANTIC.									
Boston, Mass.....	55.2	26.50	1 1/2	2	4 8 - 8 - 48	3	50.0	24.00	4 8 - 8 - 48
Bridgeport, Conn.....	41.7	20.00	1 50c.	2	8 - 8 - 48	.....			
Buffalo, N. Y.....	540.6	19.50	1 50c.	7 50c.	6 8 - 8 - 48	.....			
New Haven, Conn.....	46.9	22.50	1 50c.	(8)	8 - 8 - 48	.....			
New York, N. Y.....	45.8	22.00	1 60c.	9 75c.	8 - 8 - 48	.....	41.7	20.00	8 - 8 - 48
Pittsburgh, Pa.....	44.3	21.28	1 1/2	1 1/2	8 - 8 - 48	.....	39.6	19.00	8 - 8 - 48
Providence, R. I.:									
First cooper.....	56.3	27.00	1 1/2	1 1/2	8 - 8 - 48	.....			
Slack barrel.....	41.7	20.00	1 1/2	1 1/2	8 - 8 - 48	.....			
Tight barrel.....	52.1	25.00	1 1/2	1 1/2	8 - 8 - 48	.....			
Rochester, N. Y.....	42.7	20.50	1 1/2	(10)	8 - 8 - 48	.....			
Scranton, Pa.....	40.6	19.50	1 1/2	1 1/2	8 - 8 - 48	.....	38.5	18.50	8 - 8 - 48
First cooper.....	44.8	21.50	1 1/2	1 1/2	8 - 8 - 48	.....	42.7	20.50	8 - 8 - 48
Springfield, Mass.....	45.8	22.00	1 50c.	2	8 - 8 - 48	.....			
Worcester, Mass.....	55.2	26.50	1 1/2	2	8 - 8 - 48	.....			
First cooper.....	61.5	29.50	1 1/2	2	8 - 8 - 48	.....			
SOUTH ATLANTIC.									
Washington, D. C.....	41.7	1220.00	1 1/2	1 1/2	12 8 - 8 - 48	.....			
NORTH CENTRAL.									
Chicago, Ill.....	52.1	25.00	1 1/2	1 1/2	8 - 8 - 48	.....	47.9	23.00	8 - 8 - 48
Cincinnati, Ohio.....	45.0	21.60	1 1/2	2	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48
Cleveland, Ohio.....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	41.7	20.00	8 - 8 - 48

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> And various commissions on sales.<sup>3</sup> "Near beer."<sup>4</sup> 44 hours per week, June to August, inclusive, without reduction of pay.<sup>5</sup> Scale became 42.7 cents on June 1, 1917.<sup>6</sup> 40 hours and \$16.25 per week, December to March, inclusive.<sup>7</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>8</sup> Work on Sundays prohibited; on holidays, work one-half day, paid for full day.<sup>9</sup> Rate, in cents, per hour, for Sundays; for holidays, double time except from May 15 to Sept. 15, regular rate.<sup>10</sup> Do not work on Sundays; holidays off, with pay.<sup>11</sup> For Sundays; work one-half day on Memorial Day and July 4, paid for full day; other holidays off, with pay.<sup>12</sup> 40 hours and \$16.67 per week, December to February, inclusive.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 101

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

COOPERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.	Rate of wages—		Hours—Full day; Saturdays; Full week.			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Columbus, Ohio.....	41.7	20.00	1½	1½	8 - 8 - 48					
Detroit, Mich.....	41.7	20.00	1½	1½	8 - 8 - 48					
Grand Rapids, Mich.....	39.6	19.00	1½	1½	8 - 8 - 48					
Indianapolis, Ind.....	42.2	20.25	1½	1½	8 - 8 - 48					
Peoria, Ill.....	39.6	19.00	1 50c.	1 50c.	8 - 8 - 48					
SOUTH CENTRAL.										
Dallas, Tex.....	50.0	24.00	1½	1½	8 - 8 - 48					
Nashville, Tenn. <sup>2</sup> .....	27.8	15.00	1 50c.	1 50c.	9 - 9 - 54					

ELEVATOR MEN.

NORTH ATLANTIC.									
Buffalo, N. Y.....	39.6	19.00	1½	1	8 - 8 - 48				
Newark, N. J.....	33.3	18.00	1 50c.	4 1	9 - 9 - 54				
Rochester, N. Y.....	41.7	20.00	1 50c.	6 50c.	5 8 - 8 - 48				
NORTH CENTRAL.									
Chicago, Ill.....	41.7	20.00	1 60c.	(?)	8 - 8 - 48				
Davenport, Iowa: malt house.....	39.1	18.75	1½	1	8 - 8 - 48				
Kansas City, Mo.....	40.6	19.50	1½	8 2	8 - 8 - 48				
Milwaukee, Wis.: Brewery.....	38.5	18.50	1½	1½	8 - 8 - 48				
Malt house.....	36.5	17.50	1 45c.	1 55c.	8 - 8 - 48				
Minneapolis, Minn.....	936.5	17.50	1 50c.	1	8 - 8 - 48				

ENGINEERS.

NORTH ATLANTIC.									
Boston, Mass.....	66.7	32.00	2	1	8 - 8 - 48				
Chief engineer.....	83.3	40.00	2	1	8 - 8 - 48				
Bridgeport, Conn.....	39.3	22.00	1 50c.	1	8 - 8 - 56				
Buffalo, N. Y.: Electrical.....	1045.8	22.00	1	1	8 - 8 - 48				
Steam, brewery.....	1045.8	22.00	1	1	8 - 8 - 48				
Steam, malt house.....	1045.8	22.00	1	1	8 - 8 - 48				
Fall River, Mass.: Chief engineers.....	62.5	30.00	1 70c.	1	8 - 8 - 48				
Assistant engineers.....	47.9	23.00	1 70c.	1	8 - 8 - 48				

<sup>1</sup> Rate, in cents, per hour.

<sup>2</sup> "Near beer," per hour.

<sup>3</sup> Scale became 41.7 cents on Sept. 5, 1917.

<sup>4</sup> For Sundays, 60 cents per hour.

<sup>5</sup> 40 hours and \$16.67 per week, December to March, inclusive.

<sup>6</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.

<sup>7</sup> Work 7 hours, paid for 8.

<sup>8</sup> For Sundays; for holidays, time and one-half.

<sup>9</sup> Scale became 39.6 cents on June 1, 1917.

<sup>10</sup> Scale became 47.9 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.  
ENGINEERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—concluded.					Regular rate multiplied by—					
Manchester, N. H.	42.9	24.00	1 65c.	1	8 - 8 - 56		Cents. 37.5	Dollars. 21.00	8 - 8 - 56	
Newark, N. J.	49.0	23.50	1 1/2	2 1	8 - 8 - 48					
Assistant, miller, engineers.	46.9	22.50	1 1/2	3 1/2	4 8 - 8 - 48					
New Haven, Conn.	42.0	23.50	1 50c.	1	6 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	1 1/2	1	6 8 - 8 - 56					
Pittsburgh, Pa.	56.0	31.36	1 1/2	1	8 - 8 - 56		50.0	28.00	8 - 8 - 56	
Assistant engineers.	45.0	25.20	1 1/2	1	8 - 8 - 56		40.2	22.50	8 - 8 - 56	
Providence, R. I.:										
Chief engineers.	49.0	23.50	1 60c.	1 75c.	7 8 - 8 - 48		42.0	23.50	7 8 - 8 - 56	
Assistant engineers.	44.8	21.50	1 60c.	1 75c.	7 8 - 8 - 48		38.4	21.50	7 8 - 8 - 56	
Rochester, N. Y.	46.9	22.50	1 1/2	2 2	8 - 8 - 48					
Chief engineers.	52.1	25.00	1 1/2	2 2	8 - 8 - 48					
Scranton, Pa.:										
Chief engineers.	46.4	26.00	1 1/2	1	6 8 - 8 - 56		44.6	25.00	6 8 - 8 - 56	
First engineers.	41.1	23.00	1 1/2	1	6 8 - 8 - 56		39.3	22.00	6 8 - 8 - 56	
Second engineers.	38.4	21.50	1 1/2	1	6 8 - 8 - 56		36.6	20.50	6 8 - 8 - 56	
Third engineers.	34.8	19.50	1 1/2	1	6 8 - 8 - 56		33.0	18.50	6 8 - 8 - 56	
Springfield, Mass.	44.6	25.00	1 50c.	1	8 - 8 - 56					
Worcester, Mass.:										
Chief engineers.	93.8	45.00	2	1	8 - 8 - 48					
Assistant engineers.	58.3	28.00	2	1	8 - 8 - 48					
SOUTH ATLANTIC.										
Baltimore, Md.:										
Chief engineers.	42.9	24.00	1 50c.	1	8 8 - 8 - 56					
Assistant engineers.	37.5	21.00	1 50c.	1	8 8 - 8 - 56					
Jacksonville, Fla.:										
Chief engineers.	9 34.3	24.00	1 1/2	1	9 10 - 10 - 70					
Assistant engineers.	10 30.0	21.00	1 1/2	1	10 10 - 10 - 70					
Washington, D. C.:										
Chief engineers, bottling houses.	72.9	35.00	1 1/2	1 1/2	8 - 8 - 48		62.5	35.00	8 - 8 - 56	
Assistant engineers, bottling houses.	57.3	27.50	1 1/2	1 1/2	8 - 8 - 48					
Assistant engineers, breweries A and B.	42.9	24.00	1 1/2	1	8 - 8 - 56					
Assistant engineers, breweries C and D.	43.8	24.50	1 1/2	1	8 - 8 - 56					
Assistant engineers, brewery F.	41.2	23.08	1 1/2	1	8 - 8 - 56					
NORTH CENTRAL.										
Chicago, Ill.	59.4	28.50	1 1/2	1	8 - 8 - 48		51.0	24.50	8 - 8 - 48	
Cincinnati, Ohio.	52.1	25.00	1 1/2	1	8 - 8 - 48		38.4	21.50	8 - 8 - 56	
Cleveland, Ohio.	41.1	23.00	1 1/2	1	6 8 - 8 - 56					
Columbus, Ohio.	39.3	22.00	1	1	7 8 - 8 - 56					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> For holidays; do not work on Sundays.<sup>3</sup> For Sundays; for holidays regular rate.<sup>4</sup> Allowed 2 days off each year, with pay.<sup>5</sup> Allowed 1 day off every 4 weeks, with pay.<sup>6</sup> Allowed 1 week's vacation each year, with pay.<sup>7</sup> Allowed 1 day off each month, with pay.<sup>8</sup> Allowed 10 days' vacation each year, with pay.<sup>9</sup> Scale became 44.4 cents and 63 hours on June 22, 1917.<sup>10</sup> Scale became 36.5 cents and 63 hours on June 22, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

ENGINEERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—continued.										
Davenport, Iowa: Engineers, malt house.	44.2	Cents. 21.25	Dolls. 1½	Regular rate multiplied by— 1½ 1	8 - 8 - 48	.....	Cents. 41.7	Dolls. 20.00	8 - 8 - 48	
Detroit, Mich.: Chief engineers, brewery.	68.8	33.00	1½	1	8 - 8 - 48	.....	.....	.....	.....	
Chief engineers, malt house.	46.4	26.00	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Engineers, brewery, 20,000 barrels or over.	52.1	25.00	1½	1	8 - 8 - 48	.....	.....	.....	.....	
Engineers, brewery, less than 20,000 barrels.	50.0	28.00	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Engineers, malt house.	37.5	21.00	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Grand Rapids, Mich.	37.1	20.75	1½	1	2 8 - 8 - 56	.....	35.3	19.75	8 - 8 - 56	
Indianapolis, Ind.	39.3	22.00	1½	1	2 8 - 8 - 56	.....	.....	.....	.....	
Kansas City, Mo.: Chief engineers.	67.7	32.50	1½	1	8 - 8 - 48	.....	66.7	32.00	8 - 8 - 48	
Assistant engineers.	53.1	25.50	1½	1	8 - 8 - 48	.....	52.1	25.00	8 - 8 - 48	
Milwaukee, Wis.: Chief engineers, malt house.	49.0	23.50	1	1	8 - 8 - 48	.....	45.8	22.00	8 - 8 - 48	
Engineers, brewery.	44.8	21.50	1½	1	8 - 8 - 48	.....	44.8	21.50	8 - 8 - 48	
Engineers, malt house.	41.7	20.00	4 60c.	1	8 - 8 - 48	.....	38.5	18.50	8 - 8 - 48	
Minneapolis, Minn.: Engineers, brewery.	45.3	25.38	1½	1	8 - 8 - 56	.....	41.2	23.08	8 - 8 - 56	
Engineers, malt house.	41.2	23.08	1½	1	8 - 8 - 56	.....	41.2	23.08	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	.....	.....	.....	.....	
Engineers, chief.	44.6	25.00	1	1	8 - 8 - 56	.....	.....	.....	.....	
Rock Island, Ill.	52.1	25.00	4 75c.	4 75c.	8 - 8 - 48	.....	42.0	23.50	8 - 8 - 56	
St. Louis, Mo.	58.3	28.00	1½	1	8 - 8 - 48	.....	58.3	28.00	8 - 8 - 56	
St. Paul, Minn.	45.3	25.38	1½	1	8 - 8 - 56	.....	41.2	23.08	8 - 8 - 56	
SOUTH CENTRAL.										
Dallas, Tex.	42.9	24.00	1½	7 1	8 - 8 - 56	.....	41.1	23.00	8 - 8 - 56	
Houston, Tex.	52.7	29.50	1½	8 1	8 - 8 - 56	.....	.....	.....	.....	
Louisville, Ky.	40.2	22.50	1½	1	6 8 - 8 - 56	.....	38.4	21.50	8 - 8 - 56	
WESTERN.										
Butte, Mont.	66.7	37.33	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Engineers, chief.	72.1	40.38	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Denver, Colo.	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. <sup>10</sup>	53.1	25.50	4 75c.	4 75c.	8 - 8 - 48	.....	.....	.....	.....	
Salt Lake City, Utah.	35.7	20.00	4 70c.	1	8 - 8 - 56	.....	.....	.....	.....	
Engineers, (fire and brew).	50.0	28.00	4 70c.	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. <sup>10</sup> .	50.0	24.00	1½	11 1½	8 - 8 - 48	.....	.....	.....	.....	

<sup>1</sup> 48 hours per week, November to April, inclusive.<sup>2</sup> Allowed 2 weeks' vacation each year, with pay.<sup>3</sup> Allowed 7 days off each year, with pay.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Scale became 43.3 cents on June 1, 1917.<sup>6</sup> Allowed 2 days off each month, with pay.<sup>7</sup> For Sundays; for holidays, time and one-half.<sup>8</sup> For Labor Day, time and one-half.<sup>9</sup> Scale became 62.5 cents on May 17, 1917.<sup>10</sup> "Near beer."<sup>11</sup> For Sundays; for holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## FIREMEN.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.	45.8	22.00	(1)	1	8 - 8 - 48	Cents.	Dolls.		
Bridgeport, Conn.	32.1	18.00	2 50c.	1	8 - 8 - 56				
Buffalo, N. Y.	37.5	18.00	1	1	8 - 8 - 48				
Fall River, Mass.	38.5	18.50	2 50c.	1	8 - 8 - 48	32.1	18.00	8 - 8 - 56	
Manchester, N. H.	37.5	21.00	2 65c.	1	8 - 8 - 56	32.1	18.00	8 - 8 - 56	
Newark, N. J.	40.6	19.50	1½	1	8 - 8 - 48				
New Haven, Conn.	36.6	20.50	2 50c.	1	8 - 8 - 56				
New York, N. Y.: Brewery.	39.6	19.00	(1)	1	8 - 8 - 48				
Malt house (except Brooklyn).	38.2	19.50	2 50c.	1	8½ - 8½ - 51				
Malt house, Brooklyn.	37.3	19.00	2 50c.	1	8½ - 8½ - 51	35.3	18.00	8½ - 8½ - 51	
Helpers, brewery.	38.5	18.50	(1)	1	8 - 8 - 48				
Philadelphia, Pa.	33.9	19.00	1½	1	5 8 - 8 - 56				
Pittsburgh, Pa.	39.0	21.84	1½	1	8 - 8 - 56	34.8	19.50	8 - 8 - 56	
Helpers.	35.0	19.60	1½	1	8 - 8 - 56	31.3	17.50	8 - 8 - 56	
Providence, R. I.	40.6	19.50	2 60c.	2 75c.	8 - 8 - 48	34.8	19.50	8 - 8 - 56	
Rochester, N. Y.	40.6	19.50	1½	2 ½	8 - 8 - 48				
Scranton, Pa.	33.9	19.00	1½	1	5 8 - 8 - 56	32.1	18.00	8 - 8 - 56	
Springfield, Mass.	39.3	22.00	2 50c.	1	8 - 8 - 56				
Worcester, Mass.	45.8	22.00	2 50c.	1	8 - 8 - 48				
<b>SOUTH ATLANTIC.</b>									
Baltimore, Md.	31.3	17.50	2 50c.	1	8 8 - 8 - 56				
Washington, D. C.: Firemen, boiler cleaners, and water tenders.	39.6	19.00	1½	1	8 - 8 - 48	32.1	18.00	8 - 8 - 56	
<b>BIRTH CENTRAL.</b>									
Chicago, Ill.: Firemen, boiler washers, oilers, and water tenders.	45.0	25.20	1½	1	5 8 - 8 - 56	40.0	22.40	8 - 8 - 56	
Firemen's helpers.	38.0	21.28	1½	1	5 8 - 8 - 56	34.0	19.04	8 - 8 - 56	
Cincinnati, Ohio.	33.9	19.00	1	1	8 - 8 - 56				
Cleveland, Ohio.	33.0	18.50	1½	1	5 8 - 8 - 56				
Helpers.	29.5	16.50	1½	1	5 8 - 8 - 56				
Columbus, Ohio.	35.7	20.00	1	1	6 8 - 8 - 56				
Helpers.	33.9	19.00	1	1	6 8 - 8 - 56				
Davenport, Iowa: Malt house	40.1	19.25	1½	1	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Detroit, Mich.	41.7	20.00	1½	1	8 - 8 - 48				
Grand Rapids, Mich.	32.1	18.00	1½	1	9 8 - 8 - 56	29.5	16.50	9 8 - 8 - 56	
Indianapolis, Ind.	32.1	18.00	1½	1	10 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.	37.5	18.00	2 55c.	1	8 - 8 - 48	34.4	16.50	8 - 8 - 48	
Minneapolis, Minn.	37.1	20.77	1½	1	8 - 8 - 56	35.0	19.62	8 - 8 - 56	
Omaha, Nebr.: Helpers.	39.6	19.00	2 60c.	2 60c.	8 - 8 - 48				
Peoria, Ill.	37.5	18.00	2 60c.	2 60c.	8 - 8 - 48				
Rock Island, Ill.: Brewery.	43.8	21.00	2 70c.	2 70c.	8 - 8 - 48	40.6	19.50	8 - 8 - 56	
St. Louis, Mo.	40.1	19.25	1	1	8 - 8 - 48				
St. Paul, Minn.	39.1	21.92	1½	1	8 - 8 - 56	35.0	19.62	8 - 8 - 56	

<sup>1</sup> Overtime work prohibited.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Scale became 39.6 cents on June 1, 1917.<sup>4</sup> Allowed 1 day off every 4 weeks, with pay.<sup>5</sup> Allowed 1 week's vacation each year, with pay.<sup>6</sup> Allowed 1 day off each month, with pay.<sup>7</sup> For holidays; do not work on Sunday.<sup>8</sup> Allowed 10 days' vacation each year, with pay.<sup>9</sup> Allowed 2 weeks' vacation each year, with pay.<sup>10</sup> Allowed 7 days off each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

FIREMEN—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
SOUTH CENTRAL.										
Dallas, Tex.	34.8	19.50	1½	1	8 - 8 - 56		Cents.	Dolls.	8 - 8 - 56	
Houston, Tex.	38.4	21.50	1½	2	8 - 8 - 56		33.0	18.50		
Louisville, Ky.	33.9	19.00	1½	1	8 - 8 - 56		32.1	18.00	8 - 8 - 56	
WESTERN.										
Butte, Mont.	60.4	33.83	1½	1	8 - 8 - 56					
Denver, Colo. <sup>4</sup>	37.9	21.20	5 50c.	1	8 - 8 - 56					
Los Angeles, Cal.	43.8	21.00	1½	1½	8 - 8 - 48		40.6	19.50	8 - 8 - 48	
Portland, Oreg. <sup>4</sup>	40.6	19.50	1½	1½	8 - 8 - 48					
Salt Lake City, Utah	35.3	19.75	6 70c.	1	8 - 8 - 56					
San Francisco, Cal.	48.1	23.08	1½	1	8 - 8 - 48					
Seattle, Wash. <sup>4</sup>	43.8	21.00	1½	6 12	8 - 8 - 48					

## LABELERS, BOTTLE BEER.

NORTH ATLANTIC.									
Buffalo, N. Y.	731.3	8 15.00	1½	1½	8 8 - 8 - 48				
New Haven, Conn.	29.6	16.00	5 35c.	(9)	10 9 - 9 - 54				
New York, N. Y.: Labelers, soakers, and washers.	27.8	15.00	1½	11 50c.	9 - 9 - 54		24.1	13.00	9 - 9 - 54
Philadelphia, Pa.	22.2	12.00	1½	1½	12 9 - 9 - 54				
Rochester, N. Y.	35.4	17.00	6 50c.	12 50c.	14 8 - 8 - 48				
Worcester, Mass.	25.0	12.00	6 50c.	2	8 - 8 - 48		22.2	12.00	10 9 - 9 - 54
NORTH CENTRAL.									
Chicago, Ill.	21.9	10.50	1½	1½	8 - 8 - 48		18.8	9.00	8 - 8 - 48
Detroit, Mich.	41.7	20.00	1½	1½	8 - 8 - 48				
Grand Rapids, Mich.	37.5	18.00	1½	1½	8 - 8 - 48		34.4	16.50	8 - 8 - 48
Indianapolis, Ind. (females).	19.8	9.50	1½	1½	8 - 8 - 48				
Kansas City, Mo.: Labelers, cartoners, and polishers.	25.0	12.00	1½	11 2	8 - 8 - 48		24.0	11.50	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				

<sup>1</sup> For Sundays; for holidays, time and one-half.<sup>2</sup> Labor Day, time and one-half.<sup>3</sup> Allowed 2 days off each month, with pay.<sup>4</sup> "Near beer."<sup>5</sup> Rate, in cents, per hour.<sup>6</sup> For Sundays; for holidays, regular rate.<sup>7</sup> Scale became 33.3 cents on July 1, 1917.<sup>8</sup> 40 hours and \$12.50 per week, December to March, inclusive.<sup>9</sup> Work on Sundays prohibited; work one-half day on holidays, paid for full day.<sup>10</sup> 8 hours per day, 48 per week, October to April, inclusive.<sup>11</sup> Rate, in cents, per hour, for Sundays; work 5 hours on holidays, paid for full day, except from May 15 to Sept. 15, regular rate.<sup>12</sup> Allowed 2 days off each year with pay.<sup>13</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>14</sup> 40 hours per week, December to March, inclusive.<sup>15</sup> 8 hours per day, 48 per week, November to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## LABORERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC.</b>										
Bridgeport, Conn.: Garage-men.....	Cents. 39.6	Dollars. 19.00	Regular rate multiplied by— <sup>1</sup> 50c.	1	8 - 8 - 48	.....	Cents. 39.6	Dollars. 19.00	.....	
Buffalo, N. Y.: Laborers, storehouse.....	237.5	18.00	1½	1	8 - 8 - 48	.....	30.8	16.00	8½- 8½- 52	
Ice pullers.....	31.3	15.00	1½	4 1½	8 - 8 - 48	.....	.....	.....	.....	
Newark, N. J.: Laborers, bottling-house.....	27.8	5 15.00	1½	6 2	6 9 - 9 - 54	.....	.....	.....	.....	
Car loaders and unloaders.....	41.7	7 20.00	1½	8 1	7 8 - 8 - 48	.....	.....	.....	.....	
New Haven, Conn.: Yard-men.....	35.4	17.00	1 50c.	(9)	8 - 8 - 48	.....	.....	.....	.....	
New York, N. Y.: Laborers, bottling-house.....	27.8	15.00	1½	10 50c.	9 - 9 - 54	.....	.....	.....	.....	
Coal passers.....	31.3	15.00	(11)	1	8 - 8 - 48	.....	.....	.....	.....	
Yardmen, union A.....	31.7	19.00	1 60c.	12 75c.	10 - 10 - 60	.....	28.3	17.00	10 - 10 - 60	
Yardmen, union B.....	31.7	19.00	1 60c.	17 75c.	10 - 10 - 60	.....	28.3	17.00	10 - 10 - 60	
Yardmen, union C.....	31.7	19.00	1 50c.	13 1	10 - 10 - 60	.....	28.3	17.00	10 - 10 - 60	
Philadelphia, Pa.: Repairmen.....	20.0	12.00	1 50c.	1	14 10 - 10 - 60	.....	.....	.....	.....	
Pittsburgh, Pa.: Repairmen.....	45.5	21.84	15 1	1½	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48	
Yardmen.....	34.2	18.48	1	2½	9 - 9 - 54	.....	30.6	16.50	9 - 9 - 54	
Providence, R. I.: Mechanics' helpers.....	37.5	18.00	1 60c.	1 75c.	8 - 8 - 48	.....	29.5	16.50	8 - 8 - 56	
Rochester, N. Y.: Ice pullers.....	39.6	16 19.00	1 50c.	17 50c.	16 8 - 8 - 48	.....	.....	.....	.....	
Scranton, Pa.: Box repair men.....	35.4	17.00	1½	18 2	8 - 8 - 48	.....	33.3	16.00	8 - 8 - 48	
Ice pullers.....	39.3	22.00	1½	1	19 8 - 8 - 56	.....	37.5	21.00	19 8 - 8 - 56	
Worcester, Mass.: Laborers, brewery.....	38.0	18.25	1 50c.	2	8 - 8 - 48	.....	31.5	17.00	20 9 - 9 - 54	
Laborers, wholesale houses.....	35.4	17.00	1 50c.	2	8 - 8 - 48	.....	.....	.....	.....	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Scale became 39.6 cents on Sept. 5, 1917.<sup>3</sup> Scale became 33.3 cents on June 1, 1917.<sup>4</sup> For Sundays; holidays off, with pay.<sup>5</sup> 45 hours and \$12.50 per week, November to March, inclusive; 2 days off each year, with pay.<sup>6</sup> For Sundays; for holidays, regular rate.<sup>7</sup> 40 hours and \$16.67 per week, November to March, inclusive; 2 days off each year, with pay.<sup>8</sup> For holidays; do not work on Sundays.<sup>9</sup> Work on Sundays prohibited; work one-half day on holidays, paid for full day.<sup>10</sup> Rate, in cents, per hour, for Sundays; for holidays, double time, except from May 15 to Sept. 15, regular rate.<sup>11</sup> Work prohibited.<sup>12</sup> Rate, in cents, per hour, for Sundays; work one-half day on holidays, paid for full day, except from May 15 to Sept. 15, regular rate.<sup>13</sup> For Sundays; work one-half day on holidays, paid for full day, except from May 15 to Sept. 15, regular rate.<sup>14</sup> 9 hours per day, 54 per week, October to March, inclusive.<sup>15</sup> On days before holidays and "lay-off" days, time and one-half.<sup>16</sup> 40 hours and \$15.83 per week, December to March, inclusive.<sup>17</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>18</sup> For Sundays; work one-half day on July 4 and Memorial Day, paid for full day; other holidays off, with pay.<sup>19</sup> Allowed 1 week's vacation each year, with pay.<sup>20</sup> 8 hours per day, 48 per week, November to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## LABORERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed.	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—		Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Feed men.....	31.7	19.00	1 40c.	(2)	10 - 10 - 60					
Ice pullers.....	31.3	15.00	1 50c.	1	8 - 8 - 48					
Yardmen.....	25.0	15.00	1 40c.	4 2	10 - 10 - 60					
Helpers.....	31.3	15.00	1 50c.	1	8 - 8 - 48		26.8	15.00	8 - 8 - 56	
Washington, D. C.: Condenser cleaners, helpers, and coal passers.....	33.3	16.00	1 1/2	1	8 - 8 - 48		26.8	15.00	8 - 8 - 56	
<b>NORTH CENTRAL.</b>										
Chicago, Ill. ....	38.5	18.50	1 1/2	1 1/2	8 - 8 - 48		33.3	16.00	8 - 8 - 48	
Cincinnati, Ohio.....	27.9	14.25	1 1/2	1 1/2	8 1/2 - 8 1/2 - 51					
Ice-house employees.....	23.2	16.25	1 1/2	1	10 - 10 - 70					
Cleveland, Ohio.....	33.3	18.50	1 1/2	1	6 8 - 8 - 56					
Columbus, Ohio:										
Car loaders and yardmen.....	26.7	16.00	1 1/2	1 1/2	10 - 10 - 60					
Ice pullers.....	29.2	17.50	1 1/2	1 1/2	10 - 10 - 60					
Detroit, Mich.: Loaders.....	41.7	20.00	1 1/2	1 1/2	8 - 8 - 48					
Indianapolis, Ind.:										
Brewery.....	31.3	15.00	1 1/2	1 1/2	8 - 8 - 48					
Coal shoveling.....	29.5	16.50	1 1/2	1	8 - 8 - 56					
Ice-house employees.....	25.0	17.50	1 1/2	1	10 - 10 - 70					
Kansas City, Mo.:										
Head ice pullers and first yardmen.....	40.6	19.50	1 1/2	6 2	8 - 8 - 48		39.6	19.00	8 - 8 - 48	
Ice pullers, barrel headers, case repair men, condenser cleaners, and yardmen.....	37.5	18.00	1 1/2	6 2	8 - 8 - 48		36.5	17.50	8 - 8 - 48	
Milwaukee, Wis.:										
Coal passers.....	40.6	19.50	1 1/2	1	8 - 8 - 48					
Ice-house men and yardmen.....	37.5	18.00	1 1/2	1 1/2	8 - 8 - 48					
Minneapolis, Minn.: Car loaders.....	31.7	19.00	1 50c.	7 50c.	10 - 10 - 60					
Omaha, Nebr.: Coal passers.....	37.5	18.00	1 60c.	1 60c.	8 - 8 - 48					
Peoria, Ill. ....	36.5	17.50	1 50c.	1 50c.	8 - 8 - 48					
Rock Island, Ill.: Yardmen.....	40.6	19.50	1 70c.	1 70c.	8 - 8 - 48		36.5	17.50	8 - 8 - 48	
St. Louis, Mo.:										
Freight handlers.....	39.4	18.90	1 1/2	1 1/2	8 - 8 - 48					
Laborers, bottling house.....	30.2	14.50	1 1/2	1 1/2	8 - 8 - 48					
Laborers, brewery.....	35.0	16.80	1 1/2	1 1/2	8 - 8 - 48					
Laborers, ice plant.....	38.1	18.30	1 1/2	1 1/2	8 - 8 - 48					
Carters.....	21.9	10.50	1 1/2	1 1/2	8 - 8 - 48					
St. Paul, Minn.....	824.0	14.40	1 50c.	1 50c.	10 - 10 - 60					
<b>SOUTH CENTRAL.</b>										
Dallas, Tex.:										
Repair men.....	41.7	20.00	1 1/2	1	8 - 8 - 48		39.6	19.00	8 - 8 - 48	
Repair men's helpers.....	37.5	18.00	1 1/2	1	8 - 8 - 48		35.4	17.00	8 - 8 - 48	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> For Sundays, full day, time and one-half; for 3 hours' work, one-half day off, with pay, during the week; holidays off, with pay.<sup>3</sup> 7 days, 56 hours and \$15 per week, June to September, inclusive.<sup>4</sup> For Sundays; holidays off, with pay.<sup>5</sup> Allowed 1 week off each year, with pay.<sup>6</sup> For Sundays; for holidays, time and one-half.<sup>7</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>8</sup> Scale became 27.5 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## LABORERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—	Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.					
SOUTH CENTRAL—concluded.									
Houston, Tex.	38.5	18.50	1½	1½	8 - 8 - 48		Cents.	Dolls.	
Repair men	47.9	23.00	1½	1½	8 - 8 - 48				
Tank men	36.6	20.50	1½	1 1	8 - 8 - 56				
Louisville, Ky.: Ice pullers	31.3	17.50	1½	1	2 8 - 8 - 56		29.5	16.50	
Running repair men	35.2	19.00	1½	1	8 - 8 - 56		(*)	8 - 8 - 56	
WESTERN.									
Denver, Colo.: Yardmen	37.5	18.00	4 50c.	4 50c.	8 - 8 - 48				
Los Angeles, Cal.: Yardmen	44.8	21.50	4 75c.	4 85c.	8 - 8 - 48		39.6	19.00	
Salt Lake City, Utah: Ice pullers	34.4	19.25	4 70c.	1	8 - 8 - 56			8 - 8 - 48	
Seattle, Wash. <sup>6</sup>	\$39.6	19.00	1½	1½	8 - 8 - 48				

## MALTSTERS.

NORTH ATLANTIC.								
Buffalo, N. Y.	\$39.6	19.00	1½	1	8 - 8 - 48		32.7	17.00
Newark, N. J.	33.3	18.00	4 50c.	1	9 - 9 - 54			
New York, N. Y., Bronx, Queens, Richmond, and Manhattan	38.2	19.50	4 50c.	1	8½ - 8½ - 51			
Kings	37.3	19.00	4 50c.	1	8½ - 8½ - 51		35.3	18.00
Philadelphia, Pa.: Malt mil- lers	39.6	19.00	1½	1½	8 8 - 8 - 48			
Pittsburgh, Pa.: Malt dryers	40.8	19.60	1½	1½	8 - 8 - 48		36.5	17.50
Rochester, N. Y.: Malt millers	41.7	20.00	4 50c.	10 50c.	9 8 - 8 - 48			
Worcester, Mass.: Malt grinders	43.8	21.00	4 50c.	2	8 - 8 - 48			
NORTH CENTRAL.								
Chicago, Ill.	41.7	20.00	4 60c.	(11)	8 - 8 - 48			
Malt-house men	52.1	25.00	1½	1	8 - 8 - 48		47.9	23.00
Cincinnati, Ohio: Malt-house men	42.7	20.50	1½	1½	8 - 8 - 48			
Cleveland, Ohio	37.0	20.00	1½	12 1	12 8 - 8 - 54			
Maltsters, first	39.8	21.50	1½	12 1	12 8 - 8 - 54			
Davenport, Iowa	40.1	19.25	1½	1	8 - 8 - 48		37.5	18.00
Detroit, Mich.	37.5	21.00	1½	1	8 - 8 - 56		35.7	20.00
Milwaukee, Wis.: Brewery	41.7	20.00	1½	1	8 - 8 - 48			
Malt-house men	40.6	19.50	4 50c.	1	8 - 8 - 48		37.5	18.00
Minneapolis, Minn.	\$42.7	20.50	4 50c.	1	8 - 8 - 48			

<sup>1</sup> Labor Day, time and one-half.<sup>2</sup> Allowed 2 days off each month, with pay.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> "Near beer."<sup>6</sup> Scale became 43.8 cents on June 11, 1917.<sup>7</sup> Scale became 41.7 cents on Sept. 5, 1917.<sup>8</sup> Allowed 2 days off each year, with pay.<sup>9</sup> 40 hours and \$16.67 per week, December to March, inclusive.<sup>10</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>11</sup> Work 7 hours, paid for 8.<sup>12</sup> For Sundays; holidays off, with pay.<sup>13</sup> On Sundays, 6 hours; and 2 days off each month with pay.<sup>14</sup> Rate, in cents, for first hour; 55 cents per hour thereafter.<sup>15</sup> Scale became 44.8 cents on June 1, 1917.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 109

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

MALTSTERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917; Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
<b>NORTH CENTRAL—concluded.</b>										
St. Louis, Mo.: Day.....	Cents. 49.0	Dolls. 23.50	1½	1	8 - 8 - 48		Cents. ....	Dolls. ....		
Night.....	51.0	24.50	1½	1	8 - 8 - 48					
St. Paul, Minn.....	142.7	20.50	2 50c.	1	8 - 8 - 48					
<b>SOUTH CENTRAL.</b>										
Houston, Tex.....	45.8	22.00	1½	1½	8 - 8 - 48					
Louisville, Ky.....	35.7	20.00	1½	1	3 8 - 8 - 56					
<b>WESTERN.</b>										
Butte, Mont.....	66.7	37.33	1½	1	4 8 - 8 - 55					
Salt Lake City, Utah.....	50.0	28.00	2 70c.	1	8 - 8 - 56					

OILERS.

NORTH ATLANTIC.									
Buffalo, N. Y.....	5 31.3	15.00	1½	6 1½	8 - 8 - 48				
Newark, N. J.....	39.6	19.00	1½	7 2	8 - 8 - 48				
New York, N. Y.....	35.4	17.00	(*)	1	8 - 8 - 48				
Philadelphia, Pa.....	28.6	16.00	1½	1	10 8 - 8 - 56				
Pittsburgh, Pa.....	35.0	19.60	1½	1	8 - 8 - 56		31.3	17.50	8 - 8 - 56
Providence, R. I.....	34.4	16.50	2 60c.	2 75c.	8 - 8 - 48		29.5	16.50	ii 8 - 8 - 56
Rochester, N. Y.....	40.6	19.50	1½	12 2	8 - 8 - 48				
SOUTH ATLANTIC.									
Baltimore, Md.....	31.3	17.50	2 50c.	1	13 8 - 8 - 56				
Washington, D. C.....	35.4	17.00	1½	1	8 - 8 - 48		28.6	16.00	8 - 8 - 56
NORTH CENTRAL.									
Cincinnati, Ohio.....	33.9	19.00	1	1	8 - 8 - 56				
Cleveland, Ohio.....	33.0	18.50	1½	1	10 8 - 8 - 56				
Columbus, Ohio.....	35.7	20.00	1½	1	11 8 - 8 - 56				
Detroit, Mich.....	41.7	20.00	1½	1	8 - 8 - 48				
Indianapolis, Ind.....	29.9	16.75	1½	1	8 - 8 - 56				
Kansas City, Mo.: Oilers and wipers, engine room.....	43.8	21.00	1½	1	8 - 8 - 48				
Milwaukee, Wis.: Oilers, brewery.....	40.6	22.75	1½	14 1	8 - 8 - 56				
Malt house.....	40.6	19.50	1½	1	8 - 8 - 48				
Minneapolis, Minn.....	37.5	18.00	2 55c.	1	8 - 8 - 48		34.4	16.50	8 - 8 - 48
Omaha, Nebr.....	37.1	20.77	1½	1	8 - 8 - 56				
Rock Island, Ill.....	39.6	19.00	2 60c.	2 60c.	8 - 8 - 48				
	43.8	21.00	2 70c.	2 70c.	8 - 8 - 48		36.1	19.50	15 8 - 8 - 56

<sup>1</sup> Scale became 46.9 cents on June 1, 1917.

<sup>2</sup> Rate, in cents, per hour.

<sup>3</sup> Allowed 1 day off every 2 weeks, with pay.

<sup>4</sup> On Sundays, 7 hours.

<sup>5</sup> Scale became 33.3 cents on June 1, 1917.

<sup>6</sup> For Sundays; holidays off, with pay.

<sup>7</sup> For Sundays; for holidays, regular rate.

<sup>8</sup> Allowed 2 days off each year, with pay.

<sup>9</sup> Work prohibited.

<sup>10</sup> Allowed 1 week off each year, with pay.

<sup>11</sup> Allowed 1 day off each month, with pay.

<sup>12</sup> For holidays; do not work on Sundays.

<sup>13</sup> Allowed 10 days' vacation each year, with pay.

<sup>14</sup> For Sundays; for holidays, time and one-half.

<sup>15</sup> Allowed 2 days off each month, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## OILERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
NORTH CENTRAL—concluded.										
St. Louis, Mo.	37.5	18.00			Regular rate multiplied by— $\frac{1}{2}$ $\frac{11}{12}$	8 - 8 - 48		Cents	Dolls.	
Oilers and cleaners, auto trucks	40.6	19.50	$\frac{1}{2}$	$\frac{11}{12}$		8 - 8 - 48				
Oilers, cleaners, and repairers	43.8	21.00	$\frac{1}{2}$	$\frac{11}{12}$		8 - 8 - 48				
Oilers, power-house men, and handy men	40.6	19.50	$\frac{1}{2}$	$\frac{11}{12}$		8 - 8 - 48				
SOUTH CENTRAL.										
Houston, Tex.	40.2	22.50	$\frac{1}{2}$	$\frac{11}{12}$		8 - 8 - 56				
Louisville, Ky.	32.1	18.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 56		30.4	17.00	
WESTERN.										
San Francisco, Cal.	43.3	20.77	$\frac{1}{2}$	1		8 - 8 - 48				

## PACKERS, BOTTLE BEER.

NORTH ATLANTIC.									
Boston, Mass.	35.4	17.00	$\frac{3}{4}$ 50c.	$\frac{3}{4}$ 50c.		8 - 8 - 48			
Buffalo, N. Y.	31.3	15.00	$\frac{1}{2}$	$\frac{6}{7}$ 12½		8 - 8 - 48			
Manchester, N. H.: Packers and shippers	39.6	19.00	$\frac{3}{4}$ 65c.	$\frac{3}{4}$ 65c.		8 - 8 - 48		33.3	16.00
Newark, N. J.: Packers and barrel headers	31.5	17.00	$\frac{1}{2}$	$\frac{8}{9}$ 2		9 - 9 - 54			
New York, N. Y.	31.5	17.00	$\frac{1}{2}$	$\frac{9}{10}$ 50c.		9 - 9 - 54		27.8	15.00
Philadelphia, Pa.	24.1	13.00	$\frac{1}{2}$	$\frac{1}{2}$		10 9 - 54			
Assistant	22.2	12.00	$\frac{1}{2}$	$\frac{1}{2}$		10 9 - 54			
Rochester, N. Y.	35.4	17.00	$\frac{3}{4}$ 50c.	$\frac{3}{4}$ 50c.		11 8 - 48			
Springfield, Mass.	35.4	17.00	$\frac{3}{4}$ 50c.	2		8 - 8 - 48			
SOUTH ATLANTIC.									
Baltimore, Md.	29.2	14.00	$\frac{3}{4}$ 35c.	$\frac{12}{13}$ 35c.		8 - 8 - 48			
NORTH CENTRAL.									
Grand Rapids, Mich.	37.5	18.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48		34.4	16.50
SOUTH CENTRAL.									
Dallas, Tex.	41.7	20.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48		37.5	18.00
Houston, Tex.	43.8	21.00	$\frac{1}{2}$	$\frac{1}{2}$		8 - 8 - 48			

<sup>1</sup> For Labor Day, time and one-half.<sup>2</sup> Allowed 2 days off each month, with pay.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Scale became \$3.3 cents on July 1, 1917.<sup>5</sup> 40 hours and \$12.50 per week, December to March, inclusive.<sup>6</sup> For Sundays; holidays off, with pay.<sup>7</sup> 45 hours and \$14.17 per week, November to March, inclusive.<sup>8</sup> For Sundays; for holidays, regular rate.<sup>9</sup> Rate, in cents, per hour, for Sundays; holidays, double time, except from May 15 to Sept. 15, inclusive, regular rate.<sup>10</sup> Allowed 2 days off each year, with pay.<sup>11</sup> 40 hours and \$14.16 per week, December to March, inclusive.<sup>12</sup> Rate, in cents, per hour, except Christmas and New Year's Day off, with pay; Labor Day, Thanksgiving Day and election days, work one-half day, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## STABLEMEN.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917. Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Cents. Dolls.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH ATLANTIC.										
Boston, Mass.	36.1	19.50			2 9 - 9 - 54		31.5	17.00	9 - 9 - 54	
First stablemen	38.9	21.00			2 9 - 9 - 54		34.3	18.50	9 - 9 - 54	
Buffalo, N. Y.:										
Day	329.6	16.00	1 50c.	1	9 - 9 - 54					
Night	428.3	17.00	1 50c.	1	10 - 10 - 60					
Manchester, N. H.	37.0	20.00	1 65c.	1 65c.	9 - 9 - 54		31.5	17.00	9 - 9 - 54	
Newark, N. J.	32.8	19.00	1 1/2	1	5 9 - 9 - 58					
New Haven, Conn.	34.8	19.50	1 50c.	1	8 - 8 - 56					
New York, N. Y.	31.7	19.00	1 60c.	1 75c.	10 - 10 - 60		28.3	17.00	10 - 10 - 60	
Philadelphia, Pa.:										
Bottling house	20.6	13.00	1 1/2	1	6 9 - 9 - 63					
Brewery	25.4	16.00	1 50c.	1	7 10 - 10 - 63					
Pittsburgh, Pa.	31.1	19.60	1	1	8 9 - 9 - 63		27.8	17.50	8 9 - 9 - 63	
Providence, R. I.	37.5	18.00	1 60c.	1 75c.	8 - 8 - 48		28.6	18.00	8 9 - 9 - 63	
First stablemen	43.8	21.00	1 60c.	1 75c.	8 - 8 - 48		33.3	21.00	8 9 - 9 - 63	
Rochester, N. Y.	34.3	18.50	1 50c.	1 10 50c.	11 9 - 9 - 54					
First stablemen	38.0	20.50	1 50c.	1 10 50c.	11 9 - 9 - 54					
Scranton, Pa.:										
Helpers	31.7	20.00	1 1/2	1	12 9 - 9 - 63		27.1	19.00	12 10 - 10 - 70	
Springfield, Mass.	35.7	20.00	1 50c.	1	12 9 - 9 - 63		25.0	17.50	12 10 - 10 - 70	
First stablemen	37.5	21.00	1 50c.	1	8 - 8 - 56					
Worcester, Mass.:										
Brewery	27.8	17.50	1 50c.	1	9 - 9 - 63					
First stablemen	38.0	20.50	1 50c.	2	9 - 9 - 54					
SOUTH ATLANTIC.										
Baltimore, Md.	26.7	16.00	1 40c.	1 3 1/2	10 - 10 - 60					
Stable bosses	31.7	19.00	1 40c.	1 3 1/2	10 - 10 - 60					
Washington, D. C.	25.0	15.00	1 50c.	1 4 1/2	10 - 10 - 60					
Stable bosses	28.3	17.00	(15)	(18)	10 - 10 - 60					
NORTH CENTRAL.										
Chicago, Ill.	28.6	20.00	1 1/2	1	17 10 - 10 - 70		24.7	17.31	17 10 - 10 - 70	
Cincinnati, Ohio	27.8	17.50	1 1/2	1	18 9 - 9 - 58					
Cleveland, Ohio	22.9	16.00	1 1/2	1	19 10 - 10 - 70					
Columbus, Ohio	24.3	17.00	1	1	10 - 10 - 70					
Detroit, Mich.	33.3	18.00	1 1/2	1	9 - 9 - 54					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> 48 hours per week, November to April, inclusive.<sup>3</sup> Scale became 31.5 cents on June 1, 1917.<sup>4</sup> Scale became 30 cents on June 1, 1917.<sup>5</sup> Work 4 hours on Sundays.<sup>6</sup> Allowed 2 days off each year, with pay.<sup>7</sup> 9 hours per day, 57 per week, October to March, inclusive; allowed 2 days off each year, with pay; work 3 hours on Sundays.<sup>8</sup> Allowed 1 day off each week, with pay.<sup>9</sup> Allowed 1 day off each month, with pay.<sup>10</sup> Rate, in cents, per hour, for Sundays; holidays off with pay, and 50 cents per hour additional if work is performed.<sup>11</sup> 48 hours per week, October to March, inclusive.<sup>12</sup> Allowed 1 week's vacation each year, with pay.<sup>13</sup> For full day Sundays; for 3 hours' work, allowed one-half day off during the week.<sup>14</sup> For Sundays; for holidays, double time.<sup>15</sup> Work prohibited.<sup>16</sup> Do not work.<sup>17</sup> Allowed 1 day off every 2 weeks, with pay.<sup>18</sup> For Sundays, 4 1/2 hours; work 58 1/2 hours, paid for 63.<sup>19</sup> Allowed 2 days off each month, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

STABLEMEN—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH CENTRAL—concluded.</b>										
Grand Rapids, Mich.	26.4	18.50	1½	1	1 10 -10 -70 9 -9 -54	.....	Cents. 25.0	Dolls. 17.50	1 10 -10 -70	
Indianapolis, Ind.	28.7	15.50	1½	1	.....	.....	.....	.....	.....	
Kansas City, Mo.: Day.	29.4	18.50	2 50c.	2 50c.	4 9 - 9 - 63	.....	28.6	18.00	4 9 - 9 - 63	
First stablemen.	32.5	20.50	2 50c.	1	4 9 - 9 - 63	.....	31.7	20.00	4 9 - 9 - 63	
Milwaukee, Wis.	28.6	18.00	1½	6 1	6 9 - 9 - 63	.....	.....	.....	.....	
Minneapolis, Minn.	28.3	17.00	2 50c.	8 50c.	10 -10 -60	.....	.....	.....	.....	
Omaha, Nebr.	37.0	20.00	2 50c.	2 50c.	9 - 9 - 54	.....	.....	.....	.....	
Peoria, Ill.	26.7	16.00	2 50c.	2 50c.	9 10 -10 -60	.....	.....	.....	.....	
Rock Island, Ill.	40.6	19.50	2 65c.	2 65c.	10 9 - 9 - 54	.....	32.4	17.50	11 10 -10 -60	
St. Louis, Mo.: Day.	28.3	17.00	1½	1	10 -10 -60	.....	.....	.....	.....	
Night.	30.0	18.00	1½	1	10 -10 -60	.....	.....	.....	.....	
St. Paul, Minn.	29.8	13.85	2 50c.	1	10 -10 -70	.....	.....	.....	.....	
<b>SOUTH CENTRAL.</b>										
Dallas, Tex.	30.2	19.00	1½	13 1	14 9 - 9 - 63	.....	24.3	17.00	10 -10 -70	
Houston, Tex.	35.7	20.00	1½	15 1	8 - 8 - 56	.....	.....	.....	16 9 - 9 - 54	
Louisville, Ky.: Stablemen, who also do hauling.	34.4	16.50	1½	1½	8 - 8 - 48	.....	27.8	15.00	16 9 - 9 - 54	
New Orleans, La.	36.5	17.50	1½	1½	8 - 8 - 48	.....	29.6	16.00	16 9 - 9 - 54	
	26.3	15.75	2	(17)	10 -10 -60	.....	24.2	14.50	10 -10 -60	
<b>WESTERN.</b>										
Butte, Mont.	51.5	28.85	1½	1	8 - 8 - 56	.....	.....	.....	.....	
Denver, Colo.	34.6	18.70	2 50c.	2 50c.	9 - 9 - 54	.....	.....	.....	.....	
Los Angeles, Cal.	50.0	24.00	2 75c.	18 75c.	8 - 8 - 48	.....	33.3	21.00	19 9 - 9 - 63	
Portland, Oreg.	42.6	23.00	2 60c.	18 60c.	9 - 9 - 54	.....	.....	.....	.....	
Salt Lake City, Utah.	33.9	20.00	2 50c.	1	20 9 - 9 - 59	.....	.....	.....	.....	
San Francisco, Cal.	54.2	26.00	2 75c.	2 75c.	8 - 8 - 48	.....	40.0	24.00	10 -10 -60	

<sup>1</sup> Allowed 2 weeks off each year, with pay.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Rate, in cents, per hour, for Sundays; for holidays, regular rate.<sup>4</sup> Allowed one-half day off each week, with pay.<sup>5</sup> Every other holiday off, with pay.<sup>6</sup> Allowed 1 day off every 2 weeks, with pay.<sup>7</sup> Scale became 30.8 cents on June 1, 1917.<sup>8</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>9</sup> 9 hours per day, 54 per week, October to March, inclusive.<sup>10</sup> 8 hours per day, 48 per week, Sept. 15 to Apr. 15, inclusive.<sup>11</sup> 9 hours per day, 54 per week, Oct. 1 to Apr. 1, inclusive.<sup>12</sup> Scale became 23.1 cents on June 1, 1917.<sup>13</sup> For Sundays; for holidays, time and one-half.<sup>14</sup> Allowed 1 day off each month, with pay.<sup>15</sup> Time and one-half for Labor Day.<sup>16</sup> 8 hours per day, 48 per week, October to March, inclusive.<sup>17</sup> 25 cents per hour more than regular rate.<sup>18</sup> Rate, in cents, per hour, for Sundays; for holidays, double time.<sup>19</sup> Allowed every other Sunday off, with pay.<sup>20</sup> Sundays, 5 hours.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 113

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

WASHERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH ATLANTIC.										
Philadelphia, Pa.	Cents. 22.2	Dolls. 12.00			Regular rate multiplied by $\frac{1}{2}$ 1 $\frac{1}{2}$	1 9 - 9 -54		Cents.	Dolls.	
Providence, R. I.	35.4	17.00			$\frac{2}{3}$ 60c. $\frac{2}{3}$ 75c.	8 - 8 -48				
Scranton, Pa.: Soakers and rinsers	31.3	15.00	$\frac{1}{2}$	$\frac{3}{2}$		8 - 8 -48		29.2	14.00	
NORTH CENTRAL.										
Chicago, Ill.: Washers, wagon.	33.3	20.00	$\frac{1}{2}$	(1)		10 - 10 -60		36.1	17.31	
Grand Rapids, Mich.: Washers, bottle	37.5	18.00	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48		34.4	16.50	
Washers, boiler	33.3	16.00	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48		30.2	14.50	
Indianapolis, Ind.: Washers, boiler	34.9	16.75	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48				
Kansas City, Mo.: Washers, boiler	43.8	21.00	$\frac{1}{2}$	1		8 - 8 -48				
Omaha, Nebr.: Washers, boiler	39.6	19.00	$\frac{2}{3}$ 60c.	$\frac{2}{3}$ 60c.		8 - 8 -48				
Peoria, Ill.: Washers, bottle	21.9	10.50	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48				
St. Louis, Mo.: Washers, boiler	37.5	18.00	1	1		8 - 8 -48				
Washers, bottle	36.5	17.50	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48				
SOUTH CENTRAL.										
Dallas, Tex.	41.7	20.00	$\frac{1}{2}$	1 $\frac{1}{2}$		8 - 8 -48				

WASHHOUSE MEN.

NORTH ATLANTIC.									
Boston, Mass.: Washhouse men	42.7	20.50	$\frac{2}{3}$ 60c.	$\frac{2}{3}$ 60c.		8 - 8 -48		37.5	18.00
Washhouse men, first	46.9	22.50	$\frac{2}{3}$ 60c.	$\frac{2}{3}$ 60c.		8 - 8 -48		41.7	20.00
Bridgeport, Conn.	39.6	19.00	$\frac{2}{3}$ 50c.	(1)		8 - 8 -48			
Buffalo, N. Y.: Washhouse men	40.6	19.50	$\frac{2}{3}$ 50c.	$\frac{2}{3}$ 50c.		7 8 - 8 -48			
Washhouse men, first	45.8	22.00	$\frac{2}{3}$ 50c.	$\frac{2}{3}$ 50c.		10 8 - 8 -48			
Fall River, Mass.: Washhouse men	34.4	16.50	$\frac{2}{3}$ 50c.	$\frac{2}{3}$ 50c.		8 - 8 -48			
Washhouse men, first	40.6	19.50	$\frac{2}{3}$ 50c.	$\frac{2}{3}$ 50c.		8 - 8 -48			
Manchester, N. H.: Washhouse men	39.6	19.00	$\frac{2}{3}$ 65c.	$\frac{2}{3}$ 65c.		8 - 8 -48		33.3	16.00
Washhouse men, first	43.8	21.00	$\frac{2}{3}$ 65c.	$\frac{2}{3}$ 65c.		8 - 8 -48		37.5	18.00

<sup>1</sup> Allowed 2 days off each year, with pay.

<sup>2</sup> Rate, in cents, per hour.

<sup>3</sup> For Sundays; work one-half day on Memorial Day and July 4, paid for full day; other holidays off, with pay.

<sup>4</sup> Work prohibited.

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

<sup>6</sup> Scale became 42.7 cents on June 1, 1917.

<sup>7</sup> 40 hours and \$16.25 per week, December to March, inclusive.

<sup>8</sup> Rate, in cents, per hour, for Sundays; allowed Labor Day, Christmas, and New Year's Day off, with pay.

<sup>9</sup> Scale became 47.9 cents on June 1, 1917.

<sup>10</sup> 40 hours and \$18.33 per week, December to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## WASHHOUSE MEN—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WORTH ATLANTIC—concluded.</b>										
Newark, N. J.: Washhouse men.....	Cents. 41.7	Dolls. 20.00		Regular rate multiplied by— 1½ <sup>2</sup> / <sub>2</sub>	1 8 - 8 - 48		Cents.	Dolls.		
New Haven, Conn.: Washhouse men.....	42.7	20.50	3 50c.	(4)	8 - 8 - 48					
Washhouse men, first.....	44.8	21.50	3 50c.	(4)	8 - 8 - 48					
New York, N. Y.: Washhouse men.....	41.7	20.00	3 60c.	5 75c.	8 - 8 - 48		37.5	18.00	8 - 8 - 48	
Washhouse men, first.....	45.8	22.00	3 60c.	5 75c.	8 - 8 - 48		41.7	20.00	8 - 8 - 48	
Philadelphia, Pa.: Washhouse men.....	35.4	17.00	1½	6 1½	7 8 - 8 - 48					
Washhouse men, first.....	41.7	20.00	1½	6 1½	7 8 - 8 - 48					
Pittsburgh, Pa.: Washhouse men.....	44.3	21.28	1½	1½	8 - 8 - 48		39.6	19.00	8 - 8 - 48	
Washhouse men, first.....	47.8	22.96	1½	1½	8 - 8 - 48		42.7	20.50	8 - 8 - 48	
Providence, R. I.: Washhouse men.....	41.7	20.00	3 60c.	3 75c.	8 - 8 - 48		38.5	18.50	8 - 8 - 48	
Washhouse men, first.....	45.8	22.00	3 60c.	3 75c.	8 - 8 - 48		42.7	20.50	8 - 8 - 48	
Washhouse men, first, 4 or more men, Union A.....	47.9	23.00	3 60c.	3 75c.	8 - 8 - 48		44.8	21.50	8 - 8 - 48	
Rochester, N. Y.: Washhouse men.....	39.6	19.00	3 50c.	8 50c.	9 8 - 8 - 48					
Washhouse men, first.....	46.9	22.50	3 50c.	8 50c.	9 8 - 8 - 48					
Scranton, Pa.: Washhouse men.....	38.5	18.50	1½	10 2	8 - 8 - 48		36.5	17.50	8 - 8 - 48	
Washhouse men, first.....	41.7	20.00	1½	10 2	8 - 8 - 48		39.6	19.00	8 - 8 - 48	
Springfield, Mass.: Washhouse men.....	41.7	20.00	3 50c.	2	8 - 8 - 48					
Washhouse men, first.....	45.8	22.00	3 50c.	2	8 - 8 - 48					
Worcester, Mass.: Washhouse men.....	43.8	21.00	3 50c.	2	8 - 8 - 48					
Washhouse men, first.....	45.8	22.00	3 50c.	2	8 - 8 - 48					
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.....	39.6	19.00	3 50c.	11 2	8 - 8 - 48					
Washington, D. C.: Washhouse men.....	37.5	18.00	1½	1½	8 - 8 - 48					
Washhouse men, first.....	41.7	20.00	1½	1½	8 - 8 - 48					
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Washhouse men.....	52.1	25.00	1½	1½	8 - 8 - 48		47.9	23.00	8 - 8 - 48	
Cincinnati, Ohio.....	40.6	19.50	1½	1½	8 - 8 - 48					
Cleveland, Ohio: Washhouse men.....	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					

<sup>1</sup> 40 hours and \$16.67 per week, November to March, inclusive.<sup>2</sup> For Sundays and Labor Day; for other holidays regular rate.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Work on Sundays prohibited; work one-half day on holidays, paid for full day.<sup>5</sup> Rate, in cents, per hour, for Sundays; work one-half day on holidays, paid for full day, except from May 15 to Sept. 15.<sup>6</sup> For Sundays; for holidays, regular rate.<sup>7</sup> Allowed 2 days off each year, with pay.<sup>8</sup> Rate, in cents, per hour, for Sundays; holidays off, with pay.<sup>9</sup> 40 hours per week, December to March, inclusive.<sup>10</sup> For Sundays; work one-half day on Memorial Day and July 4, paid for full day; other holidays off, with pay.<sup>11</sup> For Sundays; Christmas and New Year's Day off, with pay; work one-half day on Labor Day, Thanksgiving Day, and election days, paid for full day.<sup>12</sup> Work on Sundays prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BREWERY AND BOTTLING-HOUSE WORKMEN—Continued.

## WASHHOUSE MEN—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Rate of wages—		Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.						
NORTH CENTRAL—concluded.									
Detroit, Mich.: Washhouse men	Cents. 47.9	Dolls. 23.00		Regular rate multiplied by $\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		Cents. 47.9	Dolls.	
Grand Rapids, Mich.: Washhouse men	37.5	18.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		35.4	17.00	8 - 8 -48	
Indianapolis, Ind.	40.1	19.25	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48					
Kansas City, Mo.:									
Washhouse men.....	49.0	23.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		47.9	23.00	8 - 8 -48	
Washhouse men, first.....	53.1	25.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		52.1	25.00	8 - 8 -48	
Milwaukee, Wis.: Washhouse men.....	38.5	18.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48					
Minneapolis, Minn.....	42.7	20.50	$\frac{2}{5}$ 50c. $\frac{2}{5}$ 50c.	8 - 8 -48					
Omaha, Nebr.....	41.7	20.00	$\frac{2}{5}$ 60c. $\frac{2}{5}$ 60c.	8 - 8 -48					
Peoria, Ill.....	36.5	17.50	$\frac{2}{5}$ 50c. $\frac{2}{5}$ 50c.	8 - 8 -48					
St. Louis, Mo.....	46.9	22.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48					
St. Paul, Minn.....	42.7	20.50	$\frac{2}{5}$ 50c. $\frac{3}{5}$ 50c.	8 - 8 -48					
SOUTH CENTRAL.									
Dallas, Tex.....	47.9	23.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		45.8	22.00	8 - 8 -48	
Washhouse men, first.....	52.1	25.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		50.0	24.00	8 - 8 -48	
Houston, Tex.....	50.0	24.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48					
Louisville, Ky.....	41.7	20.00	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 -48		37.5	18.00	8 - 8 -48	
New Orleans, La.....	39.6	19.00	$\frac{2}{5}$ 60c. $\frac{2}{5}$ 60c.	8 - 8 -48		37.5	18.00	8 - 8 -48	

## WATCHMEN.

NORTH ATLANTIC.								
Boston, Mass.....	43.8	21.00	$\frac{2}{5}$ 60c. $\frac{2}{5}$ 60c.	8 - 8 -48		38.5	18.50	8 - 8 -48
Bridgeport, Conn.....	20.2	17.00	$\frac{2}{5}$ 50c. 1	12 - 12 -84				
Fall River, Mass.....	19.6	16.50	$\frac{2}{5}$ 50c. 1	12 - 12 -84				
New Haven, Conn.....	23.2	19.50	$\frac{2}{5}$ 50c. 1	12 - 12 -84				
Pittsburgh, Pa.....	38.0	21.25	$\frac{1}{2}$ 1	8 - 8 -56		33.9	19.00	8 - 8 -56
Providence, R. I.....	41.7	20.00	$\frac{2}{5}$ 60c. $\frac{2}{5}$ 75c.	8 - 8 -48		31.7	20.00	9 - 9 -63
Rochester, N. Y.....	22.6	19.00	$\frac{2}{5}$ 50c. 1	12 - 12 -84				
Scranton, Pa.....	30.2	19.00	$\frac{1}{2}$ 1	4 9 - 9 -63		28.6	18.00	9 - 9 -63
Worcester, Mass.....	34.9	22.00	1 1	9 - 9 -63		34.9	22.00	9 - 9 -63
SOUTH ATLANTIC.								
Baltimore, Md.....	21.4	15.00	$\frac{2}{5}$ 40c. 1	8 10 -10 -70				
NORTH CENTRAL.								
Cincinnati, Ohio.....	20.8	17.50	$\frac{1}{2}$ 1	7 12 -12 -84				
Grand Rapids, Mich.....	27.1	19.00	1 1	7 10 -10 -70		25.7	18.00	8 10 -10 -70
Indianapolis, Ind.....	25.0	19.25	$\frac{1}{2}$ 1	7 11 -11 -77				
SOUTH CENTRAL.								
Houston, Tex.....	41.1	23.00	$\frac{1}{2}$ 9 1	8 - 8 -56				

<sup>1</sup> Scale became 45.8 cents on June 1, 1917.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Rate, in cents, per hour; New Year's Day, July 4, Labor Day, and Christmas off, with pay; if work is performed on these days 50 cents additional per hour is paid.<sup>4</sup> Allowed 1 week off each year, with pay.<sup>5</sup> Allowed 1 day off each month, with pay.<sup>6</sup> Allowed 10 days' vacation each year, with pay.<sup>7</sup> Allowed 2 days off each month, with pay.<sup>8</sup> Allowed 2 weeks off each year, with pay.<sup>9</sup> For Sundays; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BREWERY AND BOTTLING-HOUSE WORKMEN—Concluded.  
MISCELLANEOUS OCCUPATIONS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH ATLANTIC.				Regular rate multiplied by—				
Boston, Mass.: Floor men, bottle beer.....	Cents. 31.3	Dolls. 15.00		1 50c. 1 50c.	8 -8 -48			
Floor men, brewery.....	42.7	20.50		1 60c. 1 60c.	8 -8 -48			
Buffalo, N. Y.: Pitch-yard men.....	240.6	319.50		1 50c. 4 50c.	3 8 -8 -48			
Fall River, Mass.: Grain dryers.....	26.0	12.50		1 50c. 1 50c.	8 -8 -48			
Newark, N. J.: Shipping-room men.....	43.8	21.00	1½	6 2	5 8 -8 -48			
Pittsburgh, Pa.: Pipefitters.....	45.5	21.84	1½	1 ½	8 -8 -48	40.6	19.50	
Pipefitters' helpers.....	40.8	19.60	1½	1 ½	8 -8 -48	36.5	17.50	
Rochester, N. Y.: Grain dryers.....	41.7	72.00		1 50c. 4 50c.	7 8 -8 -48			
Pitch-yard men.....	39.6	19.00		1 50c. 4 50c.	8 -8 -48			
Water tenders, boiler.....	42.7	20.50	1½	8 2	8 -8 -48			
Scranton, Pa.: Ash men.....	35.4	17.00	1½	9 2	8 -8 -48	33.3	16.00	
Grain dryers.....	35.4	17.00	1½	9 2	8 -8 -48	33.3	16.00	
Grain dryers, first.....	39.6	19.00	1½	9 2	8 -8 -48	37.5	18.00	
SOUTH ATLANTIC.								
Baltimore, Md.: Floor men, bottle beer.....	27.1	13.00	1 35c.	10 35c.	8 -8 -48			
Grain dryers.....	26.8	15.00	1 50c.	1	8 -8 -56			
NORTH CENTRAL.								
Chicago, Ill.: Pitch-yard men.....	52.1	25.00	1½	1 ½	8 -8 -48	47.9	23.00	
Columbus, Ohio: Ammonia and dynamo tenders.....	35.7	20.00	1	1	11 8 -8 -56			
Kansas City, Mo.: Beer inspectors.....	28.1	13.50	1½	12 2	8 -8 -48	27.1	13.00	
Pitch-yard men.....	49.0	23.50	1½	1 ½	8 -8 -48	47.9	23.00	
Milwaukee, Wis.: Grain dryers.....	37.5	18.00	1½	1 ½	8 -8 -48			
Pitch-yard men.....	38.5	18.50	1½	1 ½	8 -8 -48			
Peoria, Ill.: Ash wheelers.....	30.0	16.80	1	1	8 -8 -56			
SOUTH CENTRAL.								
Dallas, Tex.: Grain dryers.....	47.9	23.00	1½	1 ½	8 -8 -48	45.8	22.00	
Houston, Tex.: Coil and faucet men.....	46.9	22.50	1½	1 ½	8 -8 -48			
Condenser men.....	41.1	23.00	1½	13 1	8 -8 -56			
Pipefitters.....	59.4	28.50	1½	1 ½	8 -8 -48			
Platform men.....	37.5	21.00	1½	13 1	8 -8 -56			
Stampers.....	52.1	25.00	1½	1 ½	8 -8 -48			
New Orleans, La.: Floor men.....	25.0	13.50	1½	1 ½	9 -9 -54	23.1	12.50	
WESTERN.								
Salt Lake City, Utah: Pump men.....	45.8	22.00	1 70c.	1 70c.	8 -8 -48			
Seattle, Wash.: Pump men <sup>14</sup> .....	50.0	24.00	1½	4 13	8 -8 -48			

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Scale became 42.7 cents on June 1, 1917.<sup>3</sup> 40 hours and \$16.25 per week, December to March, inclusive.<sup>4</sup> Rate, in cents, per hour for Sundays; holidays off, with pay.<sup>5</sup> 40 hours and \$17.50 per week, November to March, inclusive.<sup>6</sup> For Sundays; for holidays, regular rate.<sup>7</sup> 40 hours and \$16.67 per week, December to March, inclusive.<sup>8</sup> For holidays; do not work on Sundays.<sup>9</sup> For Sundays; work one-half day on Memorial Day and July 4, paid for full day; other holidays off with pay.<sup>10</sup> Rate, in cents, per hour for Sundays; Christmas and New Year's Day off, with pay; work one-half day on Labor Day, Thanksgiving Day, and election days, paid for full day.<sup>11</sup> Allowed 1 day off each month, with pay.<sup>12</sup> For Sundays; for holidays, time and one-half.<sup>13</sup> For Labor Day, time and one-half.<sup>14</sup> "Near beer."

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES.

## ASBESTOS WORKERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<i>Regular rate multiplied by—</i>										
NORTH ATLANTIC.	Cents.	Dolls.					Cents.	Dolls.		
Boston, Mass.	53.0	23.32	2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Buffalo, N. Y.	153.1	25.50	1½	3 2	2 8 - 8 - 48	3	50.0	24.00	8 - 8 - 48	
Newark, N. J.	62.5	27.50	2	2	8 - 4 - 44	12	59.4	26.13	8 - 4 - 44	
New York, N. Y.	62.5	27.50	2	2	8 - 4 - 44	12	59.4	26.13	8 - 4 - 44	
Philadelphia, Pa.	53.1	23.38	4 1½	5 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Pittsburgh, Pa.	659.4	26.13	1½	7 2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Providence, R. I.	850.0	22.00	2	2	8 - 4 - 44	12				
Rochester, N. Y.	50.0	22.00	1½	2	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44	
Springfield, Mass.	53.0	23.32	2	2	8 - 4 - 44	12	(?)	(?)	(?)	
SOUTH ATLANTIC.										
Baltimore, Md.	53.1	25.50	1½	5 2	8 - 8 - 48	-----	50.0	24.00	8 - 8 - 48	
Washington, D. C.	53.1	25.50	1½	5 2	8 - 8 - 48	-----	50.0	24.00	8 - 8 - 48	
NORTH CENTRAL.										
Chicago, Ill.	70.0	30.80	1½	5 2	8 - 4 - 44	12	67.5	29.70	8 - 4 - 44	
Cincinnati, Ohio.	57.5	25.30	1½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Cleveland, Ohio.	1053.8	23.65	1½	11 2	8 - 4 - 44	12	47.5	22.80	8 - 8 - 48	
Detroit, Mich.	1050.0	24.00	1½	2	12 8 - 8 - 48	3	47.5	1022.80	18 8 - 8 - 48	
Grand Rapids, Mich.	1445.0	19.80	15 1½	5 2	8 - 4 - 44	12				
Kansas City, Mo.	56.3	24.75	15 1½	2	8 - 4 - 44	12				
Milwaukee, Wis.	57.5	25.30	1½	7 2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Minneapolis, Minn.	55.0	24.20	15 1½	2	8 - 4 - 44	12				
Omaha, Nebr.	1057.5	25.30	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
St. Louis, Mo.	67.5	29.70	1½	17 1½	8 - 4 - 44	12				
St. Paul, Minn.	55.0	24.20	15 1½	2	8 - 4 - 44	12				
WESTERN.										
Portland, Oreg.	50.0	22.00	15 1½	2	8 - 4 - 44	12				
San Francisco, Cal.	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Seattle, Wash.	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	

<sup>1</sup> Scale became 56.3 cents on Oct. 1, 1917.<sup>2</sup> 44 hours and \$23.38 per week, June to August, inclusive.<sup>3</sup> And on Saturday afternoons, June to August, inclusive.<sup>4</sup> Double time after 10 p. m. and on Saturday afternoons.<sup>5</sup> For Labor Day, triple time.<sup>6</sup> Scale became 62.5 cents on June 1, 1917.<sup>7</sup> And on Saturday afternoons.<sup>8</sup> Scale became 53 cents on Aug. 14, 1917.<sup>9</sup> Not organized on May 15, 1916.<sup>10</sup> Scale became 57.5 cents on June 1, 1917.<sup>11</sup> And on Saturday afternoons; for Labor Day, triple time.<sup>12</sup> Scale became 44 hours on June 1, and 62.5 cents on Aug. 1, 1917.<sup>13</sup> 44 hours and \$20.90 per week, June to August, inclusive.<sup>14</sup> Scale became 62.5 cents on Aug. 1, 1917.<sup>15</sup> Double time after midnight.<sup>16</sup> Scale became 60 cents on Oct. 1, 1917.<sup>17</sup> For Sundays; for holidays, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## BRICKLAYERS.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.				
	Rate of wages—						Per hour.	Rate of wages—			
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.				Per hour.	Per week full time.		
NORTH ATLANTIC.											
Boston, Mass.	70.0	30.80	2	2	8 -4 -44	12	65.0	28.60	8 -4 -44		
Bridgeport, Conn.	65.0	28.60	2	2	8 -4 -44	12	60.0	26.40	8 -4 -44		
Buffalo, N. Y.	70.0	30.80	1½	1½	3 8 -4 -44	5	65.0	31.20	8 -8 -48		
Fall River, Mass.	65.0	28.60	1½	1½	8 -4 -44	12	60.0	26.40	8 -4 -44		
Manchester, N. H.	65.0	28.60	6 1½	2	8 -4 -44	12	60.0	26.40	8 -4 -44		
Newark, N. J.	75.0	33.00	2	2	8 -4 -44	12	70.0	30.80	8 -4 -44		
New Haven, Conn.	65.0	28.60	2	2	8 -4 -44	12	60.0	26.40	8 -4 -44		
New York, N. Y.	75.0	33.00	2	2	8 -4 -44	12	65.0	28.60	8 -4 -44		
Philadelphia, Pa.	70.0	30.80	7 2	7 2	8 -4 -44	12	65.0	28.60	8 -4 -44		
Pittsburgh, Pa.	75.0	33.00	1½	2	8 -4 -44	12	70.0	30.80	8 -4 -44		
Providence, R. I.	70.0	30.80	1½	8 2	8 -4 -44	12	65.0	28.60	8 -4 -44		
Rochester, N. Y.	70.0	30.80	9 1½	2	8 -4 -44	12	67.5	29.70	8 -4 -44		
Scranton, Pa.	70.0	1030.80	1½	8 2	10 8 -4 -44	5	65.0	128.60	11 8 -4 -44		
Springfield, Mass.	70.0	30.80	2	2	8 -4 -44	12	65.0	28.60	8 -4 -44		
Worcester, Mass.	65.0	28.60	1½	2	8 -4 -44	12	.....	.....	.....		
SOUTH ATLANTIC.											
Atlanta, Ga.	60.0	1230.00	1½	2	12 9 -5 -50	12	50.0	125.00	18 9 -5 -50		
Baltimore, Md.	75.0	33.00	1½	8 2	8 -4 -44	12	70.0	31.50	14 8 -5 -45		
Charleston, S. C.	40.0	21.60	1½	2	15 9 -8 -53	.....	.....	.....	.....		
Jacksonville, Fla.	62.5	30.00	1½	2	8 -8 -48	.....	.....	.....	.....		
Richmond, Va.	75.0	1833.75	1½	17 2	16 8 -5 -45	12	65.0	18 29.25	18 8 -5 -45		
Washington, D. C.	970.0	2831.50	1½	21 2	20 8 -5 -45	12	.....	.....	.....		
NORTH CENTRAL.											
Chicago, Ill.	75.0	33.00	1½	2	8 -4 -44	12	.....	.....	.....		
Fireproofing	77.5	34.10	1½	2	8 -4 -44	12	.....	.....	.....		
Cincinnati, Ohio.	75.0	33.75	1½	8 2	8 -5 -45	12	70.0	31.50	8 -5 -45		
Cleveland, Ohio.	275.0	33.00	1½	8 2	8 -4 -44	12	70.0	30.80	8 -4 -44		
Columbus, Ohio.	75.0	33.00	1½	8 2	8 -4 -44	12	.....	.....	.....		
Davenport, Iowa, Moline and Rock Island, Ill.	75.0	33.00	1½	2	8 -4 -44	12	70.0	30.80	8 -4 -44		
Des Moines, Iowa.	277.5	34.10	2	2	8 -4 -44	12	75.0	33.00	8 -4 -44		

<sup>1</sup> Scale became 75 cents on Aug. 1, 1917.<sup>2</sup> Scale became 70 cents on Sept. 1, 1917.<sup>3</sup> 48 hours and \$33.60 per week, Nov. 16 to Mar. 15, inclusive.<sup>4</sup> And on Saturday afternoons, Mar. 16 to Nov. 15, inclusive.<sup>5</sup> 44 hours and \$28.60 per week, June to August, inclusive.<sup>6</sup> Double time after midnight.<sup>7</sup> On new work; on repair work, time and one-half.<sup>8</sup> And on Saturday afternoons.<sup>9</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>10</sup> 48 hours and \$33.60 per week, October to April, inclusive.<sup>11</sup> 48 hours and \$31.20 per week, October to April, inclusive.<sup>12</sup> 54 hours and \$32.40 per week, October to April, inclusive.<sup>13</sup> 54 hours and \$27 per week, October to April, inclusive.<sup>14</sup> 44 hours and \$30.80 per week, November to March, inclusive.<sup>15</sup> Work 53 hours, paid for 54.<sup>16</sup> 44½ hours and \$33.38 per week, December to February, inclusive.<sup>17</sup> For Sundays, July 4, Christmas, Labor Day, and Saturday afternoons; for other holidays, time and one-half.<sup>18</sup> 44½ hours and \$28.93 per week, December to February, inclusive.<sup>19</sup> Scale became 75 cents on July 1, 1917.<sup>20</sup> 44½ hours and \$31.15 per week, October to April, inclusive.<sup>21</sup> For Sundays; work on holidays prohibited.<sup>22</sup> Scale became 80 cents on June 1, 1917.<sup>23</sup> Scale became 81.3 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BRICKLAYERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour	Per week full time.	For overtime.			Per hour	Per week full time.		
<b>NORTH CENTRAL—concluded.</b>									
Detroit, Mich.	75.0	133.00	1½	2	1 8 -4 -44	9	70.0	2 30.80	2 8 -4 -44
Grand Rapids, Mich.	70.0	30.80	1½	2	8 -4 -44	12	65.0	28.60	8 -4 -44
Indianapolis, Ind.	75.0	33.00	3 ½	2	8 -4 -44	12	.....	.....	.....
Kansas City, Mo.	75.0	33.00	1 ½	4 2	8 -4 -44	12	.....	.....	.....
Milwaukee, Wis.	72.5	31.90	1 ½	2	5 8 -4 -44	12	67.5	29.70	8 -4 -44
Minneapolis, Minn.	75.0	43.00	1 ½	2	6 8 -4 -44	5	70.0	30.80	8 -4 -44
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.	77.50	33.00	2	2	8 -4 -44	12	.....	.....	.....
St. Paul, Minn.	75.0	43.00	1 ½	2	6 8 -4 -44	5	70.0	30.80	8 -4 -44
Wichita, Kans.	875.0	33.00	2	2	8 -4 -44	12	.....	.....	.....
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.	70.0	30.80	1 ½	2	8 -4 -44	12	.....	.....	.....
Fire-brick, in steel plants.	950.0	27.00	1 ½	2	9 -9 -54	.....	.....	.....	.....
Dallas, Tex.	87.5	38.50	1 ½	4 2	8 -4 -44	12	.....	.....	.....
Houston, Tex.	87.5	38.50	2	2	8 -4 -44	12	.....	.....	.....
Little Rock, Ark.	87.5	38.50	1 ½	2	8 -4 -44	12	75.0	33.00	6 8 -4 -44
Louisville, Ky.	70.0	30.80	1 ½	2	8 -4 -44	12	65.0	28.60	8 -4 -44
Memphis, Tenn.	82.5	36.30	1 ½	4 2	8 -4 -44	12	75.0	33.00	8 -4 -44
Nashville, Tenn.	70.0	30.80	1 ½	2	8 -4 -44	12	67.5	29.70	8 -4 -44
New Orleans, La.	62.5	27.50	10 1 ½	2	8 -4 -44	12	.....	.....	.....
<b>WESTERN.</b>									
Butte, Mont.	100.0	48.00	1 ½	1 ½	8 -8 -48	.....	.....	.....	.....
In mines, smelters, and concentrators.	75.0	36.00	1 ½	1 ½	8 -8 -48	.....	.....	.....	.....
Denver, Colo.	87.5	38.50	1 ½	2	8 -4 -44	12	.....	.....	.....
Los Angeles, Cal.	62.5	27.50	1 ½	4 2	8 -4 -44	12	.....	.....	.....
Portland, Oreg.	75.0	33.00	1 ½	1 ½	8 -4 -44	12	.....	.....	.....
Salt Lake City, Utah.	87.5	38.50	1 ½	2	8 -4 -44	12	80.0	35.20	8 -4 -44
Hollow tile walls.	100.0	44.00	1 ½	2	8 -4 -44	12	80.0	35.20	8 -4 -44
San Francisco, Cal.	87.5	38.50	2	2	8 -4 -44	12	.....	.....	.....
Seattle, Wash.	1181.3	35.75	1 ½	4 2	8 -4 -44	12	75.0	33.00	8 -4 -44
Spokane, Wash.	87.5	38.50	1 ½	4 2	8 -4 -44	12	75.0	33.00	8 -4 -44

## BRICKLAYERS: Sewer, tunnel, and caisson work.

NORTH ATLANTIC.									
Boston, Mass.	1275.0	33.00	2	2	8 -4 -44	12	70.0	30.80	8 -4 -44
Bridgeport, Conn.	1370.0	30.80	2	2	8 -4 -44	12	65.0	28.60	8 -4 -44
New Haven, Conn.	68.8	30.25	2	2	8 -4 -44	12	.....	.....	.....
New York, N. Y.	75.0	33.00	2	2	8 -4 -44	12	.....	.....	.....

<sup>1</sup> 48 hours and \$36 per week, December to February, inclusive.<sup>2</sup> 48 hours and \$33.60 per week, December to February, inclusive.<sup>3</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>4</sup> And on Saturday afternoon.<sup>5</sup> Work on Saturday afternoon prohibited.<sup>6</sup> 48 hours and \$36 per week, October to April, inclusive.<sup>7</sup> Scale became 85 cents on June 1, 1917.<sup>8</sup> Scale became 87.5 cents on June 1, 1917.<sup>9</sup> Scale became 65 cents on Sept. 15, 1917.<sup>10</sup> Double time after midnight.<sup>11</sup> Scale became 87.5 cents on Aug. 1, 1917.<sup>12</sup> Scale became 80 cents on Aug. 1, 1917.<sup>13</sup> Scale became 75 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

BRICKLAYERS: Sewer, tunnel, and caisson work—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.	75.0	33.00	1 1/2	1 1/2	8 -4 -44	12	Cents. 70.0	Dollars. 30.80	8 -4 -44
Providence, R. I.	80.0	35.20	1 1/2	3 2	8 -4 -44	12	75.0	33.00	8 -4 -44
Rochester, N. Y.	75.0	33.00	8 1/2	2	8 -4 -44	12			
NORTH CENTRAL.									
Chicago, Ill.	125.0	55.00	2	2	8 -4 -44	12			
Cleveland, Ohio:									
Sewer work.	100.0	44.00	1 1/2	2	8 -4 -44	12			
Tunnel work.	125.0	55.00	1 1/2	2	8 -4 -44	12			
Detroit, Mich.	100.0	44.00	1 1/2	2	8 -4 -44	9	75.0	33.00	8 -4 -44
Milwaukee, Wis.	100.0	44.00	2	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.	793.8	41.25	1 1/2	2 2	8 -4 -44	12	87.5	38.50	8 -4 -44

## BUILDING LABORERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Union A.	40.0	19.20	1 1/2	2	8 -8 -48	.....	35.0	16.80	8 -8 -48
Union B.	37.5	18.00	1	2	8 -8 -48	.....	35.0	15.40	8 -4 -44
Excavating.	37.5	18.00	1	2	8 -8 -48	.....	35.0	16.80	8 -8 -48
New York, N. Y.:									
Building work.	36.5	16.06	1	2	8 -4 -44	12	32.0	14.08	8 -4 -44
Excavating.	30.0	14.40	(10)	2	8 -8 -48	.....	25.0	12.00	8 -8 -48
Plumbing work.	50.0	24.00	2	2	8 -8 -48	.....	43.8	21.00	8 -8 -48
Pittsburgh, Pa.:									
Excavating.	30.0	14.40	1 1/2	2	8 -8 -48	.....	37.5	18.00	8 -8 -48
Plumbing work.	43.8	19.25	1 1/2	2	8 -4 -44	12	25.0	12.00	8 -8 -48
Providence, R. I.	30.0	15.00	1 1/2	2	9 -5 -50	12	25.0	12.50	9 -5 -50
Rochester, N. Y.:									
Excavating.	30.0	14.40	1 1/2	2	8 -8 -48	.....	28.0	13.44	8 -8 -48
Plumbing work.	32.0	14.08	1 1/2	2	8 -4 -44	12			
Scranton, Pa.:									
Building work.	30.0	14.40	1 1/2	2	8 -8 -48	.....			
Excavating.	27.5	14.85	1 1/2	2	9 -9 -54	.....			
Springfield, Mass.:									
Building work.	31.3	15.00	1 1/2	2	8 -8 -48	.....	30.0	14.40	8 -8 -48
Scaffolding.	45.0	19.80	2	2	8 -4 -44	12	40.6	17.88	8 -4 -44

<sup>1</sup> On new work; on repair work, time and one-half.<sup>2</sup> And on Saturday afternoons.<sup>3</sup> Double time after 7 p. m.<sup>4</sup> 48 hours and \$48 per week, December to February, inclusive.<sup>5</sup> 48 hours and \$36 per week, December to February, inclusive.<sup>6</sup> Work on Saturday afternoons prohibited.<sup>7</sup> Scale became 100 cents on Aug. 1, 1917.<sup>8</sup> Scale became 40 cents on June 1, 1917.<sup>9</sup> Scale became 40 cents on July 1, 1917.<sup>10</sup> Work prohibited.<sup>11</sup> Scale became 45 cents on June 4, 1917.<sup>12</sup> Scale became 35 cents on June 1, 1917.<sup>13</sup> Scale became 33 cents on July 1, 1917.<sup>14</sup> Double time after midnight.<sup>15</sup> Scale became 36 cents on July 1, 1917.<sup>16</sup> Scale became 37.5 cents on May 24, 1917.

## UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 121

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## BUILDING LABORERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays and Full week.		Rate of wages—		Hours—Full day; Saturdays and Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
SOUTH ATLANTIC.										
Baltimore, Md.	Cents. 43.8	Dolls. 19.25			Regular rate multiplied by $\frac{1}{2}$ $\frac{1}{2}$					
Washington, D. C.: Building work.	31.3	15.00	$1\frac{1}{2}$	2	8 - 4 - 44	12	Cents. 34.4	Dolls. 215.47	28 - 5 - 45	
Plumbing work.	31.3	15.00	2	2	8 - 8 - 48	.....	25.0	12.00	8 - 8 - 48	
NORTH CENTRAL.										
Chicago, Ill.: Excavating, scaffolding, shoring, etc.	45.0	19.80	$1\frac{1}{2}$	2	8 - 4 - 44	12	42.5	18.70	8 - 4 - 44	
Tunnel, well, and caisson work.	65.0	28.60	$1\frac{1}{2}$	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Windlass, trench, and scaffold work.	57.5	25.30	$1\frac{1}{2}$	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Cincinnati, Ohio.	30.0	15.00	$1\frac{1}{2}$	$3\frac{1}{2}$	9 - 5 - 50	12	25.0	12.50	9 - 5 - 50	
Cleveland, Ohio.	40.0	17.60	$1\frac{1}{2}$	$4\frac{1}{2}$	8 - 4 - 44	12	31.3	15.00	8 - 8 - 48	
Davenport, Iowa, and Moline and Rock Island, Ill.	35.0	18.90	$1\frac{1}{2}$	2	9 - 9 - 54	.....	(5)	(5)	(5)	
Des Moines, Iowa.	37.5	16.50	$1\frac{1}{2}$	2	8 - 4 - 44	2	(6)	(5)	(6)	
Detroit, Mich.	40.0	21.60	$1\frac{1}{2}$	2	9 - 9 - 54	.....	30.0	16.20	9 - 9 - 54	
Kansas City, Mo.: Building work.	37.5	18.00	$1\frac{1}{2}$	2	8 - 8 - 48	.....	35.0	16.80	8 - 8 - 48	
Plumbing work.	40.0	19.20	$6\frac{1}{2}$	2	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48	
Omaha, Nebr.	30.0	13.20	$1\frac{1}{2}$	$1\frac{1}{2}$	8 - 4 - 44	12	.....	.....	.....	
Peoria, Ill.	740.0	17.60	$1\frac{1}{2}$	2	8 - 4 - 44	12	34.4	15.13	8 - 4 - 44	
St. Louis, Mo.: Building work.	830.0	13.20	$1\frac{1}{2}$	2	8 - 4 - 44	12	25.0	11.00	8 - 4 - 44	
Excavating.	927.5	14.85	$1\frac{1}{2}$	2	9 - 9 - 54	.....	25.0	13.50	9 - 9 - 54	
Plumbing work.	1040.6	17.88	2	$11\frac{1}{2}$	8 - 4 - 44	12	.....	.....	.....	
Wrecking.	1222.5	12.15	$13\frac{1}{2}$	2	9 - 9 - 54	.....	.....	.....	.....	
SOUTH CENTRAL.										
Houston, Tex.	25.0	11.00	$1\frac{1}{2}$	2	8 - 4 - 44	12	.....	.....	.....	
Louisville, Ky.	1422.2	12.00	$15\frac{1}{2}$	2	9 - 9 - 54	.....	.....	.....	.....	
WESTERN.										
Butte, Mont.	46.9	22.50	$16\frac{1}{2}$	600c.	8 - 8 - 48	.....	.....	.....	.....	
Denver, Colo.	43.8	19.25	$1\frac{1}{2}$	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44	
Los Angeles, Cal.	34.4	15.13	$1\frac{1}{2}$	2	8 - 4 - 44	12	.....	.....	.....	
Portland, Oreg.	37.5	18.00	$1\frac{1}{2}$	$17\frac{1}{2}$	8 - 8 - 48	.....	.....	.....	.....	

<sup>1</sup> For Sundays; for holidays time and one-half.<sup>2</sup> 44 hours and \$15.13 per week, November to March, inclusive.<sup>3</sup> For Sundays, July 4, and Christmas; for other holidays regular rate.<sup>4</sup> And on Saturday afternoons.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> Double time after midnight.<sup>7</sup> Scale became 42.5 cents on Nov. 1, 1917.<sup>8</sup> Scale became 37.5 cents on June 22 and 40 cents on Oct. 1, 1917.<sup>9</sup> Scale became 33.3 cents on June 15, 1917.<sup>10</sup> Scale became 46.9 cents on June 1, 1917.<sup>11</sup> Time and one-half on Saturday afternoons.<sup>12</sup> Scale became 25 cents on June 15, 1917.<sup>13</sup> Double time on Saturdays after 6 p. m.<sup>14</sup> Scale became 25 cents on June 1, 1917.<sup>15</sup> Double time after 7 p. m.<sup>16</sup> Rate, in cents, per hour.<sup>17</sup> Double time after 8 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## BUILDING LABORERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Rate of wages—					
	Per hour.	Per week full time.	For over- time.		Per hour.		Per week full time.			
<b>WESTERN—concluded.</b>										
San Francisco:	Cents.	Dolls.	Regular rate multi- plied by—				Cents.	Dolls.		
Building work.....	37.5	18.00	2	8 -8 -48	31.3	15.00	8 -8 -48			
Excavating.....	37.5	18.00	2	8 -8 -48	27.8	15.00	9 -9 -54			
Patent chimney work.....	37.5	16.50	2	8 -4 -44	12	.....				
Seattle, Wash.:										
Building work.....	43.8	19.25	1½	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Carpenter work.....	43.8	19.25	1½	2	8 -4 -44	12	37.5	18.00	8 -8 -48	
Excavating.....	37.5	18.00	1½	2	8 -8 -48	.....	(1)	(1)	(1)	
Tunnel and caisson work.....	250.0	24.00	(3)	1	8 -8 -48	.....	40.0	19.20	8 -8 -48	
Spokane, Wash.....	43.8	21.00	1½	2	8 -8 -48	.....	37.5	18.00	8 -8 -48	

## CARPENTERS.

NORTH ATLANTIC.									
Boston, Mass.....	60.0	26.40	2	2	8 -4 -44	12	57.0	25.08	8 -4 -44
Stair builders.....	57.0	25.08	2	2	8 -4 -44	12	57.0	25.08	8 -4 -44
Bridgeport, Conn.....	60.0	26.40	2	2	8 -4 -44	12	53.1	23.38	8 -4 -44
Buffalo, N. Y.....	62.5	27.50	1½	2	8 -4 -44	4	50.0	24.00	8 -8 -48
Fall River, Mass.....	50.0	22.00	1½	2	8 -4 -44	12	48.0	21.12	8 -4 -44
Manchester, N. H.....	50.0	22.00	1½	2	8 -4 -44	12	40.0	19.20	8 -8 -48
Newark, N. J.....	65.0	28.60	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44
New Haven, Conn.....	55.0	24.20	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44
New York, N. Y.:									
Manhattan.....	68.8	30.25	2	2	7 8 -4 -44	12	62.5	27.50	8 -4 -44
Brooklyn, Bronx, and Queens.....	62.5	27.50	2	2	7 8 -4 -44	12	56.3	24.75	8 -4 -44
Richmond.....	62.5	27.50	2	2	7 8 -4 -44	12	50.0	22.00	8 -4 -44
Philadelphia, Pa.....	60.0	26.40	8 1½	2	8 -4 -44	12	55.0	24.20	8 -4 -44
Pittsburgh, Pa.....	71.0	31.24	1½	9 2	8 -4 -44	12	62.5	27.50	8 -4 -44
Providence, R. I.....	1050.0	22.00	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Rochester, N. Y.....	56.3	24.75	11 1½	2	8 -4 -44	12	53.1	23.38	8 -4 -44
Scranton, Pa.....	50.0	22.00	1½	12 2	8 -4 -44	12	.....	.....	.....
Springfield, Mass.....	55.0	24.20	1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Worcester, Mass.....	132.0	22.88	14 1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.....	40.0	20.00	1½	2	9 -5 -50	12	.....	.....	.....
Baltimore, Md.....	50.0	22.00	1½	9 2	8 -4 -44	12	43.8	19.25	15 8 -4 -44
Charleston, S. C.....	33.3	18.00	11 1½	2	16 9 -8 -53	.....	.....	.....	.....
Jacksonville, Fla.....	137.5	18.00	11 1½	2	8 -8 -48	.....	.....	.....	.....
Richmond, Va.....	43.8	21.00	1½	2	8 -8 -48	.....	37.5	18.00	8 -8 -48
Washington, D. C.....	62.5	27.81	1½	2	8 -4 -44	12	55.0	24.48	8 -4 -44

<sup>1</sup> Not organized on May 15, 1916.<sup>2</sup> 62.5 cents when working under air pressure.<sup>3</sup> No overtime: work in three shifts.<sup>4</sup> Scale became 65 cents and 40 hours on June 1, 1917.<sup>5</sup> 40 hours and \$24 per week, June to September, inclusive.<sup>6</sup> 44 hours and \$22 per week, June to August, inclusive.<sup>7</sup> Work on Saturday afternoons prohibited.<sup>8</sup> Double time after 10 p. m. and on Saturday after 5 p. m.<sup>9</sup> And on Saturday afternoons.<sup>10</sup> Scale became 60 cents on June 1, 1917.<sup>11</sup> Double time after midnight.<sup>12</sup> And on Saturday after 5 p. m.<sup>13</sup> Scale became 54 cents on June 1, 1917.<sup>14</sup> Double time after 9 p. m.<sup>15</sup> 48 hours and \$21 per week, November to March, inclusive.<sup>16</sup> Work 53 hours, paid for 54.<sup>17</sup> Scale became 45 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## CARPENTERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<i>REGULAR RATE MULTIPLIED BY</i>									
<b>NORTH CENTRAL.</b>	<i>Cents.</i>	<i>Dolls.</i>				<i>Cents.</i>	<i>Dolls.</i>		
Chicago, Ill.....	70.0	30.80	2	2	8 -4 -44	12	55.0	24.20	
Cincinnati, Ohio.....	62.5	27.80	1½	1 2	8 -4 -44½	12	60.0	26.70	
Cleveland, Ohio.....	70.0	30.80	2 ½	2	8 -4 -44	12	60.0	26.40	
Columbus, Ohio.....	55.0	24.20	1½	1 2	8 -4 -44	12	.....	.....	
Davenport, Iowa, and Mo-line and Rock Island, Ill.....	62.5	27.50	2	2	8 -4 -44	12	55.0	24.20	
Des Moines, Iowa.....	62.5	27.50	1½	2	8 -4 -44	12	60.0	26.40	
Detroit, Mich.....	60.0	26.40	2	2	8 -4 -44	12	50.0	22.00	
Grand Rapids, Mich.....	55.0	24.20	1½	2	8 -4 -44	1	45.0	21.60	
Indianapolis, Ind.....	57.5	25.30	4 ½	1 2	8 -4 -44	12	55.0	24.20	
Kansas City, Mo.....	65.0	28.60	1½	2	8 -4 -44	12	.....	.....	
Milwaukee, Wis.....	56.3	24.75	1½	2	8 -4 -44	12	50.0	22.00	
Minneapolis, Minn.....	55.0	26.40	1½	2	8 -8 -48	12	50.0	24.00	
Omaha, Nebr.....	57.5	25.30	1½	2	8 -4 -44	12	50.0	22.00	
Peoria, Ill.....	60.0	26.40	1½	1 2	8 -4 -44	12	.....	.....	
St. Louis, Mo.....	65.0	28.60	2	2	8 -4 -44	12	62.5	27.50	
St. Paul, Minn.....	55.0	26.40	1½	2	8 -8 -48	12	50.0	24.00	
Wichita, Kans.....	50.0	24.00	1½	2	8 -8 -48	12	.....	.....	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.....	845.0	21.60	1½	2	8 -8 -48	12	60.0	26.40	
Dallas, Tex.....	62.5	27.50	2 ½	2	8 -4 -44	12	56.3	24.75	
Houston, Tex.....	62.5	27.50	1½	1 2	8 -4 -44	12	75.0	33.00	
Floor dressing.....	82.5	36.30	1½	1 2	8 -4 -44	12	50.0	22.00	
Little Rock, Ark.....	60.0	26.40	9 ½	2	8 -4 -44	12	45.0	19.80	
Louisville, Ky.....	50.0	22.00	1½	2	8 -4 -44	12	50.0	22.00	
Memphis, Tenn.....	55.0	24.20	2 ½	2	8 -4 -44	12	.....	.....	
Nashville, Tenn.....	40.0	17.60	1½	2	8 -4 -44	12	.....	.....	
New Orleans, La.....	40.0	19.20	1½	2	8 -8 -48	12	.....	.....	
<b>WESTERN.</b>									
Butte, Mont.....	87.5	38.50	1½	1 2	8 -4 -44	12	.....	.....	
Denver, Colo.....	1070.0	30.80	1½	1 ½	8 -4 -44	12	60.0	26.40	
Los Angeles, Cal.....	50.0	24.00	1½	1 ½	8 -4 -44	12	.....	.....	
Portland, Oreg.....	56.3	24.75	1½	2	8 -4 -44	12	50.0	22.00	
Salt Lake City, Utah.....	75.0	33.00	1½	1 ½	8 -4 -44	12	62.5	27.50	
San Francisco, Cal.....	98.8	30.25	2	2	8 -4 -44	12	62.5	27.50	
Stair builders.....	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	
Seattle, Wash.....	65.0	28.60	2	1 2	8 -4 -44	12	56.3	24.75	
Spokane, Wash.....	62.5	27.50	1½	1 2	8 -4 -44	12	56.3	24.75	

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Double time after midnight and on Saturday afternoons.<sup>3</sup> Scale became 65 cents on July 1, 1917.<sup>4</sup> Double time after first 2 hours and on Saturday afternoons.<sup>5</sup> Work on Saturday afternoons prohibited.<sup>6</sup> Scale became 70 cents on June 15, 1917.<sup>7</sup> Scale became 70 cents on July 1, 1917.<sup>8</sup> Scale became 55 cents on July 1, 1917.<sup>9</sup> Double time after 10 p. m.<sup>10</sup> Scale became 75 cents on Oct. 15, 1915.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## CARPENTERS: Millwrights.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC.					Regular rate multiplied by					
Buffalo, N. Y.....	67.5	29.70	1½	2	8 - 4 - 44	4	Cents. 55.0	Dolls. 26.40	1 8 - 8 - 48	
Newark, N. J.....	65.0	28.60	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
New York, N. Y.....	62.5	30.00	2	2	8 - 8 - 48				-----	
NORTH CENTRAL.										
Chicago, Ill.....	70.0	30.80	2	2	8 - 4 - 44	12				
Cleveland, Ohio.....	70.0	30.80	3 1½	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44	
Detroit, Mich.....	67.5	29.70	4 1½	2	8 - 4 - 44	10	(*)	(*)	(*)	
St. Louis, Mo.....	65.0	28.60	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
SOUTH CENTRAL.										
Dallas, Tex.....	65.0	28.60	3 1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Memphis, Tenn.....	55.0	33.00	1½	2	10 - 10 - 60	-----	50.0	30.00	10 - 10 - 60	
WESTERN.										
San Francisco, Cal—										
Inside.....	762.5	30.00	2	2	8 - 8 - 48	-----			-----	
Outside.....	762.5	27.50	2	2	8 - 4 - 44	12			-----	

## CARPENTERS: Parquetry-floor layers.

NORTH ATLANTIC.									
Boston, Mass.....	8 60.0	9 26.40	2	2	9 8 - 4 - 44	12	57.0	9 25.08	9 8 - 4 - 44
NORTH CENTRAL.									
Cleveland, Ohio.....	75.0	33.00	3 1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Minneapolis, Minn.....	60.0	28.80	1½	2	8 - 8 - 48	-----	55.0	26.40	8 - 8 - 48
SOUTH CENTRAL.									
Dallas, Tex.....	72.5	31.90	3 1½	2	8 - 4 - 44	12			-----
Nashville, Tenn.....	50.0	22.00	1½	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	-----			-----

<sup>1</sup> 44 hours and \$24.20 per week, June to August, inclusive.<sup>2</sup> Scale became 68.8 cents on July 1, 1917.<sup>3</sup> Double time after midnight and on Saturday afternoons.<sup>4</sup> Double time after 8 p. m.<sup>5</sup> Not organized on May 15, 1916.<sup>6</sup> Scale became 70 cents on July 1, 1917.<sup>7</sup> Scale became 68.8 cents on May 27, 1917.<sup>8</sup> Scale became 65 cents on June 1, 1917.<sup>9</sup> 40 hours and \$24 per week, June to September, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## CEMENT FINISHERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.	162.5	27.50	2	2	8-4-44	12	Cents.	Dolls.	
Bridgeport, Conn.	165.0	28.60	2	2	8-4-44	12	60.0	26.40	
Buffalo, N. Y.	150.0	24.00	1½	2	8-8-48				
Fall River, Mass.	65.0	28.60	1½	1½	8-4-44	12	60.0	26.40	
Manchester, N. H.	60.0	26.40	4 1½	2	8-4-44	12			
Newark, N. J.	75.0	33.00	2	2	8-4-44	12	70.0	30.80	
New Haven, Conn.	65.0	28.60	2	2	8-4-44	12	60.0	26.40	
New York, N. Y.	70.0	30.80	2	2	8-4-44	12	63.5	27.50	
Philadelphia, Pa.	55.0	24.20	5 1½	2	8-4-44	12	50.0	22.00	
Pittsburgh, Pa.	56.8	24.75	1½	2	8-4-44	12	50.0	22.00	
Providence, R. I.	62.5	27.50	1½	2	8-4-44	12			
Rochester, N. Y.	70.0	30.80	7 1½	2	8-4-44	12	67.5	29.70	
Springfield, Mass.	70.0	30.80	2	2	8-4-44	12	65.0	28.60	
<b>SOUTH ATLANTIC.</b>									
Baltimore, Md.	50.0	24.00	1½	2	8-8-48				
Washington, D. C.	70.0	30.80	2	2	8-4-44	12	62.5	27.50	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.	67.5	29.70	1½	2	8-4-44	12	65.0	28.60	
Cincinnati, Ohio	55.0	27.50	1½	2	9-5-50	12	50.0	25.00	
Cleveland, Ohio	865.0	28.60	2	2	9-8-44	12	60.0	26.40	
Columbus, Ohio	50.0	27.00	1½	2	9-9-54				
Davenport, Iowa, and Rock Island, Ill.	55.0	26.40	10 1½	2	8-8-48		50.0	27.00	
Des Moines, Iowa	162.5	27.50	1½	1½	8-4-44	12			
Detroit, Mich.	155.0	26.40	13 1½	2	8-8-48		50.0	27.00	
Indianapolis, Ind.	60.0	30.00	1½	2	9-5-50	12	57.5	28.75	
Kansas City, Mo.	65.0	28.60	1½	2	8-4-44	12			
Milwaukee, Wis.	150.0	24.00	1½	2	14 8-8-48		45.0	21.60	
Minneapolis, Minn.	55.0	26.40	1½	2	8-8-48		50.0	24.00	
Omaha, Nebr.	62.5	27.50	1½	2	8-4-44	12			
St. Louis, Mo.	62.5	27.50	10 1½	2	8-4-44	12			
Composition work	65.0	28.60	10 1½	2	8-4-44	12			
St. Paul, Minn.	60.0	28.80	1½	2	8-8-48				
Wichita, Kans.	162.5	27.50	1½	2	8-4-44	12	(17)	(17)	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.	62.5	30.00	1½	2	8-8-48				
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.	75.0	40.50	1½	2	9-9-54		55.6	30.00	

<sup>1</sup> Scale became 70 cents on June 1, 1917.<sup>2</sup> Scale became 70 cents on Sept. 1, 1917.<sup>3</sup> Scale became 55 cents on June 1, 1917.<sup>4</sup> Double time after midnight.<sup>5</sup> Double time after 10 p. m. and on Saturday afternoons.<sup>6</sup> Scale became 60 cents on May 31, 1917.<sup>7</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>8</sup> Scale became 70 cents on Aug. 1, 1917.<sup>9</sup> Work on Saturday afternoons prohibited.<sup>10</sup> Double time on Saturday after 5 p. m.<sup>11</sup> Scale became 65 cents on July 1, 1917.<sup>12</sup> Scale became 60 cents on June 15, 1917.<sup>13</sup> Double time after 11.30 p. m.<sup>14</sup> Scale became 60 cents and 44 hours on July 1, 1917.<sup>15</sup> And on Saturday afternoons.<sup>16</sup> Scale became 75 cents on June 1, 1917.<sup>17</sup> Not organized on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## CEMENT FINISHERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WESTERN.</b>										
Butte, Mont.	112.5	49.50	1½	1½	8 - 4 - 44	12	Cents.	Dolls.		
Denver, Colo.	75.0	33.00	1 1½	2	8 - 4 - 44	12	(2)	(2)	(2)	
Los Angeles, Cal.	62.5	30.00	1½	2	8 - 8 - 48	.....				
Portland, Oreg.	62.5	27.50	1½	2	8 - 4 - 44	11	62.5	30.00	8 - 8 - 48	
Salt Lake City, Utah	75.0	36.00	1	1½	8 - 8 - 48	.....	62.5	30.00	8 - 8 - 48	
San Francisco, Cal.	75.0	33.00	2	2	8 - 4 - 44	12	.....			
Seattle, Wash.	68.8	33.00	1½	2	8 - 8 - 48	.....	62.5	30.00	8 - 8 - 48	
Spokane, Wash.	75.0	36.00	1½	2	8 - 8 - 48	.....				

## CEMENT FINISHERS' HELPERS.

<b>NORTH ATLANTIC.</b>									
Newark, N. J.	45.0	19.80	2	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44
New York, N. Y.	37.5	16.50	1½	1½	8 - 4 - 44	12	.....		
<b>NORTH CENTRAL.</b>									
Cleveland, Ohio.	45.0	19.80	2	2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44
Kansas City, Mo.	50.0	22.00	1½	2	8 - 4 - 44	12	.....		
<b>SOUTH CENTRAL.</b>									
Dallas, Tex.	45.0	21.60	1½	2	8 - 8 - 48	.....	.....		
<b>WESTERN.</b>									
Salt Lake City, Utah	62.5	30.00	1	1½	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48
San Francisco, Cal.	62.5	27.50	2	2	8 - 4 - 44	12	.....		

## CEMENT FINISHERS' LABORERS.

<b>NORTH CENTRAL.</b>									
Chicago, Ill.	45.0	19.80	1½	2	8 - 4 - 44	12	42.5	18.70	8 - 4 - 44
Milwaukee, Wis.	40.0	19.20	1½	2	8 - 8 - 48	.....	30.0	14.40	8 - 8 - 48
St. Louis, Mo.	40.0	17.60	7 1½	2	8 - 4 - 44	12	.....		
<b>WESTERN.</b>									
San Francisco, Cal.	50.0	22.00	2	2	8 - 4 - 44	12	.....		
Spokane, Wash.	43.8	21.00	1½	2	8 - 8 - 48	.....	.....		

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Not organized on May 15, 1916.<sup>3</sup> Scale became 40.6 cents on July 1, 1917.<sup>4</sup> Scale became 50 cents on Aug. 1, 1917.<sup>5</sup> Work on Saturday afternoon prohibited.<sup>6</sup> Scale became 50 cents on June 1, 1917.<sup>7</sup> Double time on Saturday after 5 p. m.<sup>8</sup> Scale became 56.3 cents on Sept. 10, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## COMPOSITION ROOFERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sun-days and holida- days.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.: First men or foremen.....	Cents. 155.0	Dolls. 24.20	Regular rate multiplied by— 2	2	8 -4 -44	12	Cents. ....	Dolls. ....	
Kettle men.....	50.0	22.00	* 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	....	....	
Newark, N. J.....	55.0	24.20	2	2	8 -4 -44	12	....	....	
New York, N. Y.....	49.6	20.63	2	2	8 -4 -44	12	43.8	19.25 8 -4 -44	
Philadelphia, Pa.....	36.3	15.99	1½	2	8 -4 -44	12	....	....	
Pittsburgh, Pa.: Mop men.....	45.0	19.80	1½	2	8 -4 -44	10	40.0	19.20 8 -8 -48	
Felt setter and roll runners.....	40.0	17.60	1½	2	8 -4 -44	10	35.0	16.80 8 -8 -48	
Kettle men.....	35.6	17.60	1½	2	9 -4½ -49½	10	31.1	16.80 9 -9 -54	
Rochester, N. Y.....	46.9	20.63	1½	2	8 -4 -44	12	43.8	19.25 8 -4 -44	
Scranton, Pa.: First men.....	46.9	22.50	1½	2	8 -8 -48	....	40.6	19.50 8 -8 -48	
Second men.....	40.6	19.50	1½	2	8 -8 -48	....	34.4	16.50 8 -8 -48	
Springfield, Mass.....	55.0	24.20	1½	2	8 -4 -44	12	50.0	22.00 8 -4 -44	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.....	67.5	32.40	1½	2	8 -8 -48	....	65.0	31.20 8 -8 -48	
Foremen.....	77.5	37.20	1½	2	8 -8 -48	....	75.0	36.00 8 -8 -48	
Cincinnati, Ohio.....	40.0	19.20	1½	2	8 -8 -48	....	37.5	18.00 8 -8 -48	
Mop men.....	50.0	24.00	1½	2	8 -8 -48	....	47.5	22.80 8 -8 -48	
Cleveland, Ohio.....	50.0	22.00	1½	2	8 -4 -44	12	37.5	18.00 8 -8 -48	
Foremen.....	57.5	25.30	1½	2	8 -4 -44	12	45.0	21.60 8 -8 -48	
Detroit, Mich.....	64.75	20.90	1½	2	8 -4 -44	12	(?)	(?)	
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	....	....	
<b>WESTERN.</b>									
Butte, Mont.....	50.0	24.00	8 60c.	8 60c.	8 -8 -48	....	....	....	
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.....	60.0	28.80	9 1½	2	8 -8 -48	....	50.0	24.00 8 -8 -48	

## COMPOSITION ROOFERS' HELPERS.

NORTH ATLANTIC.								
Boston, Mass.....	1037.5	16.50	2	2	8 -4 -44	12	....	....
Newark, N. J.....	45.0	19.80	2	2	8 -4 -44	12	....	....
Scranton, Pa.....	34.4	16.50	1½	2	8 -8 -48	....	28.1	13.50 8 -8 -48
<b>NORTH CENTRAL.</b>								
Chicago, Ill.....	45.0	21.60	1½	2	8 -8 -48	....	....	....
Milwaukee, Wis.....	35.0	15.40	1½	2	8 -4 -44	12	....	....

<sup>1</sup> Scale became 60 cents on June 1, 1917.<sup>2</sup> Time and one-half from 6 to 8 a. m.<sup>3</sup> Scale became 50 cents on June 1, 1917.<sup>4</sup> Scale became 50 cents on July 1, 1917.<sup>5</sup> Scale became 62.5 cents on July 1, 1917.<sup>6</sup> Scale became 55 cents on June 8, 1917.<sup>7</sup> Not organized on May 15, 1916.<sup>8</sup> Rate, in cents, per hour.<sup>9</sup> Double time after midnight.<sup>10</sup> Scale became 43.8 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## ELEVATOR CONSTRUCTORS.

Geographical division and city.	May 15, 1917.				Mos. dur. year ending May 15, 1917, Sat., Sunday half-holiday pre-vaile	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.	67.5	29.70	2	2	8 -4 -44	12	Cents, Dollars.	28.60	8 -4 -44
Buffalo, N. Y.	57.5	27.60	2	2	1 8 -8 -48	4	56.3	27.00	8 -8 -48
New York, N. Y.	69.0	30.36	2	2	8 -4 -44	12	66.0	29.04	8 -4 -44
Philadelphia, Pa.	72.5	31.90	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44
Pittsburgh, Pa.	72.5	31.90	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44
Providence, R. I.	56.3	24.75	2	2	8 -4 -44	12	53.1	23.38	8 -4 -44
Rochester, N. Y.	59.4	26.13	4 1 $\frac{1}{2}$	2	3 8 -4 -44	5	56.3	24.75	8 -4 -44
Springfield, Mass.	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12	52.5	23.10	8 -4 -44
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.	55.0	27.50	2	2	9 -5 -50	12	50.0	25.00	9 -5 -50
Baltimore, Md.	58.0	27.84	2	2	8 1 $\frac{1}{4}$ -48	12	53.1	25.50	8 3 $\frac{1}{4}$ -48
Washington, D. C.	69.0	30.36	2	2	7 8 -4 -44	5	62.5	27.50	8 8 -4 -44
<b>NORTH CENTRAL.</b>									
Chicago, Ill.	70.0	30.80	2	2	8 -4 -44	12	55.0	24.20	8 -4 -44
Cincinnati, Ohio.	62.5	27.50	2	2	8 -4 -44	12	55.0	24.20	8 -4 -44
Cleveland, Ohio.	62.5	27.50	2	2	10 8 -4 -44	6	.....	.....	.....
Columbus, Ohio.	56.3	27.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	11 8 -8 -48	3	.....	.....	.....
Detroit, Mich.	62.5	27.50	2	2	8 -4 -44	12	62.5	23.00	12 8 -8 -48
Grand Rapids, Mich.	55.0	26.40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -8 -48	.....	.....	.....	.....
Indianapolis, Ind.	60.0	26.40	2	2	8 -4 -44	12	57.5	25.30	8 -4 -44
Kansas City, Mo.	70.0	33.60	2	2	8 -8 -48	.....	65.6	31.50	8 -8 -48
Milwaukee, Wis.	52.5	23.10	1 $\frac{1}{2}$	2	8 -4 -44	12	47.5	20.90	8 -4 -44
Minneapolis, Minn.	57.5	25.30	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44
Omaha, Nebr.	56.3	24.75	2	2	8 -4 -44	12	52.5	23.10	8 -4 -44
St. Louis, Mo.	70.0	30.80	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44
St. Paul, Minn.	57.5	25.30	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12	.....	.....	.....
Dallas, Tex.	60.0	26.40	2	2	8 -4 -44	12	50.0	24.00	8 -8 -48
Houston, Tex.	55.0	24.20	2	2	8 -4 -44	12	.....	.....	.....
<b>WESTERN.</b>									
Denver, Colo.	62.5	27.50	2	1 $\frac{1}{2}$	8 -4 -44	12	56.3	24.75	8 -4 -44
Los Angeles, Cal.	65.0	24.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -8 -48	.....	.....	.....	.....
Portland, Oreg.	62.5	30.00	2	2	8 -8 -48	.....	.....	.....	.....
Salt Lake City, Utah.	62.5	30.00	1 $\frac{1}{2}$	2	8 -8 -48	.....	.....	.....	.....
San Francisco, Cal.	68.8	33.00	2	2	8 -8 -48	.....	62.5	30.00	8 -8 -48
Seattle, Wash.	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44

<sup>1</sup> 44 hours and \$25.30 per week, June to September, inclusive.<sup>2</sup> 44 hours and \$24.75 per week, June to September, inclusive.<sup>3</sup> 48 hours and \$28.50 per week, October to April, inclusive.<sup>4</sup> And on Saturday afternoons, May to September, inclusive; double time on Saturday after 5 p. m.<sup>5</sup> 48 hours and \$27 per week, October to April, inclusive.<sup>6</sup> Scale became 71 cents on November 1, 1917.<sup>7</sup> 48 hours and \$33.12 per week, October to April, inclusive.<sup>8</sup> 48 hours and \$30 per week, October to April, inclusive.<sup>9</sup> Scale became 65 cents on Nov. 1, 1917.<sup>10</sup> 48 hours and \$30 per week, October to March, inclusive.<sup>11</sup> 44 hours and \$24.75 per week, June to August, inclusive.<sup>12</sup> 44 hours and \$27.50 per week, June to August, inclusive.<sup>13</sup> On new work; on repair work, double time.<sup>14</sup> Double time after midnight.<sup>15</sup> On repair work, on Saturday, from 1 to 5 p. m., regular rate; after 5 p. m., time and one-half.<sup>16</sup> Scale became 56.3 cents on June 1, 1917.

## UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 129

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## ELEVATOR CONSTRUCTORS' HELPERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<i>REGULAR RATE MULTIPLIED BY</i>										
NORTH ATLANTIC.	Cents.	Dollars.					Cents.	Dollars.		
Boston, Mass.	43.8	19.25	2	2	8 -4 -44	12	42.5	18.70	8 -4 -44	
Buffalo, N. Y.	39.5	18.96	2	2	1 8 -8 -48	4	38.5	18.48	2 8 -8 -48	
New York, N. Y.	44.0	19.36	2	2	8 -4 -44	12	42.5	18.70	8 -4 -44	
Philadelphia, Pa.	46.0	20.24	2	2	8 -4 -44	12	42.0	18.48	8 -4 -44	
Pittsburg, Pa.	46.0	20.24	2	2	8 -4 -44	12	45.0	19.80	8 -4 -44	
Providence, R. I.	39.0	17.16	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Rochester, N. Y.	39.5	17.38	4 1/2	2	3 8 -4 -44	5	37.5	16.50	5 8 -4 -44	
Springfield, Mass.	37.5	16.50	1 1/2	2	8 -4 -44	12	36.3	15.95	8 -4 -44	
SOUTH ATLANTIC.										
Atlanta, Ga.	30.0	15.00	2	2	9 -5 -50	12	25.0	12.50	9 -5 -50	
Baltimore, Md.	37.5	18.00	2	2	8 1/2 -41 -48	12				
Washington, D. C.	6 44.0	19.36	2	2	7 8 -4 -44	5	42.5	18.70	8 8 -4 -44	
NORTH CENTRAL.										
Chicago, Ill.	45.0	19.80	3	2	8 -4 -44	12				
Cincinnati, Ohio.	42.5	18.70	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Cleveland, Ohio.	42.5	19.18	2	2	8 -4 -44	6	40.0	17.60	10 8 -4 -44	
Columbus, Ohio.	40.0	119.20	1 1/2	1 1/2	11 8 -8 -48	3	37.5	18.00	12 8 -8 -48	
Detroit, Mich.	42.5	18.70	2	2	8 -4 -44	12	40.0	19.20	8 -8 -48	
Grand Rapids, Mich.	35.0	16.80	13 1/2	13 1/2	8 -8 -48					
Indianapolis, Ind.	40.0	17.60	2	2	8 -4 -44	12				
Kansas City, Mo.	45.0	21.60	2	2	8 -8 -48	49.0	19.20	8 -8 -48		
Milwaukee, Wis.	36.3	15.95	14 1/2	2	8 -4 -44	12	32.5	14.30	8 -4 -44	
Minneapolis, Minn.	39.0	17.16	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Omaha, Nebr.	38.0	16.72	2	2	8 -4 -44	12	36.5	16.06	8 -4 -44	
St. Louis, Mo.	45.0	19.80	2	2	8 -4 -44	12	42.5	18.70	8 -4 -44	
St. Paul, Minn.	39.0	17.16	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
SOUTH CENTRAL.										
Birmingham, Ala.	35.0	15.40	1 1/2	2	8 -4 -44	12				
Dallas, Tex.	35.0	15.40	2	2	8 -4 -44	12	30.0	14.40	8 -8 -48	
Houston, Tex.	35.0	15.40	2	2	8 -4 -44	12				
WESTERN.										
Denver, Colo.	37.5	16.50	15 2	2	8 -4 -44	12	30.0	13.20	8 -4 -44	
Los Angeles, Cal.	1 31.3	15.00	1 1/2	1 1/2	8 -8 -48					
Portland, Oreg.	37.5	18.00	2	2	8 -8 -48					
Salt Lake City, Utah.	37.5	18.00	14 1/2	2	8 -8 -48					
San Francisco, Cal.	43.8	21.00	2	2	8 -8 -48	37.5	18.00	8 -8 -48		
Seattle, Wash.	43.8	19.25	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	

<sup>1</sup> 44 hours and \$17.38 per week, June to September, inclusive.<sup>2</sup> 44 hours and \$16.94 per week, June to September, inclusive.<sup>3</sup> 48 hours and \$18.96 per week, October to April, inclusive.<sup>4</sup> Double time after 5 p. m.<sup>5</sup> 48 hours and \$18 per week, October to April, inclusive.<sup>6</sup> Scale became 46 cents on Nov. 1, 1917.<sup>7</sup> 48 hours and \$21.12 per week, October to April, inclusive.<sup>8</sup> 48 hours and \$20.40 per week, October to April, inclusive.<sup>9</sup> 48 hours and \$20.30 per week, October to March, inclusive.<sup>10</sup> 48 hours and \$19.20 per week, October to March, inclusive.<sup>11</sup> 44 hours and \$17.60 per week, June to August, inclusive.<sup>12</sup> 44 hours and \$16.50 per week, June to August, inclusive.<sup>13</sup> On new work; on repair work, double time.<sup>14</sup> Double time after midnight.<sup>15</sup> On repair work, on Saturday, from 1 to 5 p. m. regular rate; after 5 p. m., time and one-half.<sup>16</sup> Scale became 41.3 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## ENGINEERS: Portable and hoisting.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week;	Rate of wages—		
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.	62.5	27.50	2	2	8 - 4 - 44	12	Cents. Dolls.		
Bridgeport, Conn.	62.5	27.50	1½	2	8 - 4 - 44	12	54.5	24.00	
Buffalo, N. Y.	56.3	27.00	1½	2	8 - 8 - 48	—	—	—	
Newark, N. J.:									
Building work.	68.8	30.25	2	2	8 - 4 - 44	12	—	—	
Concrete work, excavating and pile driving.	62.5	30.00	2	2	8 - 8 - 48	—	—	—	
New Haven, Conn.	54.5	24.00	1½	2	8 - 4 - 44	12	—	—	
New York, N. Y.:									
Building work, A.	68.8	30.25	2	2	8 - 4 - 44	12	—	—	
Building work, B.	68.8	30.25	2	2	8 - 4 - 44	12	—	—	
Cement mixers.	75.0	33.00	2	2	8 - 4 - 44	12	68.2	30.00	
Combination, engine and compressor.	84.7	37.25	2	2	8 - 4 - 44	12	—	—	
Excavator.	62.5	30.00	2	2	8 - 8 - 48	—	—	—	
Foundation work.	68.8	33.00	2	2	8 - 8 - 48	—	62.5	30.00	
Hod and stone hoisting.	75.0	33.00	2	2	8 - 4 - 44	12	50.0	22.00	
Philadelphia, Pa.:									
Boom derrick.	62.5	27.50	1½	2	8 - 4 - 44	12	—	—	
Hoist.	62.5	27.50	1½	2	8 - 4 - 44	12	56.3	24.75	
Pittsburgh, Pa.	70.0	30.80	1½	2	8 - 4 - 44	12	61.4	27.00	
Providence, R. I.	62.5	27.50	1½	2	8 - 4 - 44	12	—	—	
Rochester, N. Y.:									
Single drum.	62.5	27.50	2	2	8 - 4 - 44	12	57.3	25.20	
Double drum.	75.0	33.00	2	2	8 - 4 - 44	12	71.6	31.50	
Scranton, Pa.	56.3	27.00	1½	2	8 - 8 - 48	—	—	—	
Springfield, Mass.	62.5	27.50	2	2	8 - 4 - 44	12	54.5	24.00	
Worcester, Mass.	62.5	27.50	2	2	8 - 4 - 44	12	—	—	
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.:									
Boom derrick and hoist.	62.5	30.94	1½	2	9 - 41 - 49½	6	62.5	33.75	
Hoisting concrete.	45.0	22.28	1½	2	9 - 41 - 49½	6	45.0	24.30	
Baltimore, Md.	70.0	31.50	1½	2	8 - 5 - 45	12	62.5	30.00	
Washington, D. C.	70.0	30.80	1½	2	8 - 4 - 44	12	—	—	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.	75.0	33.00	1½	2	10 8 - 4 - 44	8	—	—	
Cincinnati, Ohio.	57.8	26.00	1½	2	8 - 5 - 45	12	55.6	25.00	
Cleveland, Ohio:									
Boom derrick.	75.0	33.00	1½	2	8 - 4 - 44	12	70.0	30.80	
Hoist.	127.0	30.80	1½	2	8 - 4 - 44	12	60.0	26.40	
Columbus, Ohio.	65.0	31.20	1½	2	8 - 8 - 48	—	50.0	24.00	

<sup>1</sup> Scale became 75 cents on Oct. 1, 1917.<sup>2</sup> And on Saturday afternoons.<sup>3</sup> Scale became 62.5 cents on June 1, 1917.<sup>4</sup> For broken time 75 cents. Scale became 75 cents for straight time on July 1, 1917.<sup>5</sup> For broken time, 75 cents.<sup>6</sup> Scale became 90.9 cents on July 1, 1917.<sup>7</sup> Scale became 81.3 cents on July 1, 1917.<sup>8</sup> For broken time, 70 cents.<sup>9</sup> For broken time, 62.5 cents.<sup>10</sup> 48 hours and \$36 per week, December to March, inclusive.<sup>11</sup> For broken time, 65 cents.<sup>12</sup> Scale became 75 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## ENGINEERS: Portable and hoisting—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1918.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—	Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<b>NORTH CENTRAL—concluded.</b>										
Davenport, Iowa, Moline and Rock Island, Ill.	Cents. 60.0	Dolls. 28.80	1½	2	8 - 8 - 48		Cents. 56.3	Dolls. 33.75	10 - 10 - 60	
Des Moines, Iowa	70.0	37.80	1½	2	9 - 9 - 54		65.0	35.10	9 - 9 - 54	
Detroit, Mich.:										
Boom derrick	75.0	33.00	2	2	8 - 4 - 44	12				
Hoist	70.0	30.80	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Grand Rapids, Mich.:										
Boom derrick	50.0	25.00	1½	2	9 - 5 - 50	12				
Hoist	40.0	21.60	1½	2	9 - 9 - 54	12				
Indianapolis, Ind.	70.0	33.80	1½	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44	
Kansas City, Mo.	75.0	33.00	1½	2	8 - 4 - 44	12	70.0	30.80	8 - 4 - 44	
Milwaukee, Wis.:										
Boom derrick	77.5	39.70	1½	2	8 - 4 - 44	6				
Hoist	62.5	27.50	1½	2	10 - 8 - 4 - 44	6				
Minneapolis, Minn.	60.0	32.40	1½	2	9 - 9 - 54					
Omaha, Nebr.	62.5	27.50	11 1½	2	8 - 4 - 44	12				
Peoria, Ill.	62.5	27.50	1½	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.	62.5	33.75	1½	2	9 - 9 - 54		60.0	36.00	10 - 10 - 60	
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.:										
Boom derrick	157.3	27.50	1½	2	8 - 8 - 48					
Hoist	152.1	25.00	1½	2	8 - 8 - 48					
Concrete mixers	145.4	22.60	1½	2	8 - 8 - 48					
Dallas, Tex.	62.5	27.50	1½	2	8 - 4 - 44	12				
Houston, Tex.:										
Boom derrick	1762.5	27.50	1½	2	8 - 4 - 44	12				
Hoist	1563.3	24.75	1½	2	8 - 4 - 44	12				
Little Rock, Ark.	50.0	22.00	1½	2	8 - 4 - 44		50.0	27.00	9 - 9 - 54	
Louisville, Ky.	56.3	27.00	2	2	8 - 8 - 48		(19)	(19)	(19)	
Memphis, Tenn.	60.0	28.40	1½	2	8 - 4 - 44	12				
New Orleans, La.	50.0	24.00	20 1½	2	8 - 8 - 48					
Pile driving	44.4	24.00	20 1½	2	9 - 9 - 54					

1 For hoisting and concrete mixing; for boom derrick, 62.5 cents; for steam shovel, 75 cents.

2 And on Saturday after 5 p. m.

3 For concrete mixing; for hoisting, 60 cents.

4 Scale became 55 cents on June 1, 1917.

5 Scale became 45 cents on June 1, 1917.

6 And on Saturday afternoons.

7 Scale became 72.5 cents on June 1, 1917.

8 48 hours and \$32.40 per week, November to April, inclusive.

9 Scale became 62.5 cents on June 1, 1917.

10 48 hours and \$30 per week, November to April, inclusive.

11 Double time after midnight.

12 Scale became 87.5 cents on Aug. 1, 1917.

13 Scale became 100 cents on Aug. 1, 1917.

14 For broken time, 62.5 cents.

15 For broken time, 56.3 cents.

16 For broken time, 50 cents.

17 Scale became 67.5 cents on Sept. 1, 1917.

18 Scale became 62.5 cents on June 1, 1917.

19 No scale in effect on May 15, 1916.

20 Double time after 9 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

ENGINEERS: Portable and hoisting—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WESTERN.</b>										
Butte, Mont.....	Cents. 75.0	Dolls. 33.00		Regular rate multiplied by 1½ 1½	8 - 4 - 44	12	Cents. ....	Dolls. ....		
Denver, Colo.: Boom derrick.....	75.0	33.00	1½ 1½	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44		
Hoist.....	68.8	30.25	1½ 1½	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44		
Los Angeles, Cal.: Tractor mixers.....	50.0	24.00	1½ 2	8 - 8 - 48	....	....	....	....	....	
Portland, Oreg.....	62.5	30.00	1½ 2	8 - 8 - 48	12	....	....	....	....	
Pile driving.....	75.0	36.00	1½ 2	8 - 8 - 48	....	62.5	30.00	8 - 8 - 48		
Stationary concrete mixers.....	50.0	24.00	1½ 2	8 - 8 - 48	....	....	....	....	....	
Salt Lake City, Utah: Building work.....	75.0	33.00	1½ 2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44		
Concrete mixers.....	62.5	27.50	1½ 2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44		
San Francisco, Cal.....	75.0	36.00	1½ 2	8 - 8 - 48	....	....	....	....	....	
Seattle, Wash.....	75.0	33.00	1½ 2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44		
Spokane, Wash.....	75.0	36.00	1½ 2	8 - 8 - 48	....	62.5	30.00	8 - 8 - 48		
Stationary concrete mixers.....	62.5	30.00	1½ 2	8 - 8 - 48	....	50.0	24.00	8 - 8 - 48		

## HOD CARRIERS.

NORTH ATLANTIC.									
Boston, Mass.: Union A.....	42.5	18.70	1½ 2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44	
Unions B and C.....	40.0	17.60	1½ 2	8 - 4 - 44	12	35.0	15.40	8 - 4 - 44	
Buffalo, N. Y.....	40.0	20.40	1½ 2	84-84-51	....	30.0	15.30	81-81-51	
Newark, N. J.....	45.0	19.80	2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44	
New York, N. Y.....	42.5	18.70	1½ 2	8 - 4 - 44	12	37.5	16.50	8 - 4 - 44	
Philadelphia, Pa.: Mortar men.....	45.0	19.80	1½ 1½	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44	
Wheelbarrow men.....	35.0	15.40	1½ 1½	8 - 4 - 44	12	25.0	11.00	8 - 4 - 44	
Pittsburgh, Pa.: Mortar men.....	45.0	19.80	1½ 2	8 - 4 - 44	12	....	....	....	....
Wheelbarrow men.....	30.0	13.20	1½ 2	8 - 4 - 44	12	....	....	....	....
Providence, R. I.....	75.0	17.50	1½ 2	9 - 5 - 50	12	30.0	15.00	9 - 5 - 50	
Rochester, N. Y.....	30.0	13.20	9 35c. 2	8 - 4 - 44	12	....	....	....	....
Scranton, Pa.....	35.0	15.40	1½ 2	10 8 - 4 - 44	5	....	....	....	....
Springfield, Mass.....	45.0	19.80	2	8 - 4 - 44	12	40.6	17.88	8 - 4 - 44	
Worcester, Mass.....	45.0	19.80	1½ 2	8 - 4 - 44	12	40.0	17.60	8 - 4 - 44	
<b>SOUTH ATLANTIC.</b>									
Baltimore, Md.....	40.0	17.60	1½ 2	8 - 4 - 44	12	34.4	11 15.47	11 8 - 5 - 45	
Washington, D. C.....	31.3	14.06	1½ 2	8 - 5 - 45	12	28.1	14 12.66	14 8 - 5 - 45	

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Scale became 75 cents on June 1, 1917.<sup>3</sup> Scale became 62.5 cents on June 1, 1917.<sup>4</sup> Scale became 42.5 cents on June 1, 1917.<sup>5</sup> Scale became 55 cents on June 4, 1917.<sup>6</sup> Scale became 45 cents on June 4, 1917.<sup>7</sup> Scale became 33 cents on June 1, 1917.<sup>8</sup> Scale became 36 cents on July 1, 1917.<sup>9</sup> Rate, in cents, per hour; time and one-half after first hour.<sup>10</sup> 48 hours and \$16.80 per week, October to April, inclusive.<sup>11</sup> 44 hours and \$15.13 per week, November to March, inclusive.<sup>12</sup> Scale became 35 cents on July 1, 1917.<sup>13</sup> 44 hours and \$13.91 per week, October to April, inclusive.<sup>14</sup> 44 hours and \$12.52 per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## HOD CARRIERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				
Regular rate multiplied by—								
Chicago, Ill.	Cents. 45.0	Dollars. 19.80	1½	2	8 -4 -44	12 Cents. 42.5	Dollars. 18.70	
Cincinnati, Ohio:							8 -4 -44	
Brick men	142.5	19.13	1½	2	8 -5 -45	12	.....	
Mortar men	145.0	20.25	1½	2	8 -5 -45	12	.....	
Cleveland, Ohio:								
Brick men	40.0	17.60	1½	2	8 -4 -44	12 31.3	13.75	
Mortar men	45.0	19.80	1½	2	8 -4 -44	12 35.0	15.40	
Columbus, Ohio	45.0	19.80	1½	2	8 -4 -44	12 37.5	16.50	
Davenport, Iowa, Moline and Rock Island, Ill.	42.5	18.70	1½	2	8 -4 -44	1 (5)	(5) (6)	
Des Moines, Iowa	40.0	17.60	1½	2	8 -4 -44	2 31.1	16.80	
Detroit, Mich.:							9 -9 -54	
Brick men	40.0	17.60	1½	2	-6 8 -4 -44	9 35.0	17.33	
Mortar men	43.8	19.27	1½	2	8 8 -4 -44	9 40.0	19.80	
Indianapolis, Ind.:							7 9 -4 -49 <sup>2</sup>	
Brick men	42.5	18.70	10 1½	2	8 -4 -44	12 40.0	17.60	
Mortar men	45.0	19.80	10 1½	2	8 -4 -44	12 42.5	18.70	
Kansas City, Mo.	50.0	22.00	1½	2	8 -4 -44	12 45.0	19.80	
Milwaukee, Wis.:							8 -4 -44	
Brick men	40.0	19.20	1½	2	8 -8 -48	.....	35.0 16.80	
Mortar men	42.5	20.40	1½	2	8 -8 -48	.....	35.0 16.80	
Minneapolis, Minn.	50.0	24.00	2	2	8 -8 -48	.....	45.0 21.60	
Omaha, Nebr.	40.0	17.60	1½	1½	8 -4 -44	12	.....	
Peoria, Ill.:								
Brick men	140.0	17.60	2	2	8 -4 -44	12 36.9	16.23	
Wheelbarrow men	140.0	17.60	2	2	8 -4 -44	12 34.4	15.13	
Mortar men	140.0	17.60	2	2	8 -4 -44	12 37.5	16.50	
Mortar mixers	140.0	17.60	2	2	8 -4 -44	12	.....	
St. Louis, Mo.:								
Brick men	1247.5	20.90	2	2	8 -4 -44	12	.....	
Mortar men	1250.0	22.00	2	2	8 -4 -44	12	.....	
St. Paul, Minn.	137.5	18.00	1½	2	8 -8 -48	.....	.....	
SOUTH CENTRAL.								
Birmingham, Ala.	25.0	11.00	1½	2	8 -4 -44	12	.....	
Houston, Tex.	31.3	13.75	1½	2	8 -4 -44	12	.....	
Louisville, Ky.:								
Brick men	40.0	17.60	2	2	8 -4 -44	12 35.0	15.40	
Mortar men	42.5	18.70	2	2	8 -4 -44	12 38.0	16.72	
Memphis, Tenn.	37.5	16.50	1½	2	8 -4 -44	12 30.0	13.20	
Nashville, Tenn.	20.0	8.80	1	1	8 -4 -44	.....	(14) (14)	

<sup>1</sup> Scale became 50 cents on Aug. 15, 1917.<sup>2</sup> And on Saturday afternoons.<sup>3</sup> 48 hours and \$15 per week, September to April, inclusive.<sup>4</sup> 48 hours and \$16.80 per week, September to April, inclusive.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> 48 hours and \$19.20 per week, December to February, inclusive.<sup>7</sup> 54 hours and \$18.90 per week, November to April, inclusive.<sup>8</sup> 48 hours and \$21 per week, December to February, inclusive.<sup>9</sup> 54 hours and \$21.60 per week, December to February, inclusive.<sup>10</sup> Double time after 7 p. m.<sup>11</sup> Scale became 42.5 cents on Nov. 1, 1917.<sup>12</sup> Scale became 55 cents on June 1, 1917.<sup>13</sup> Scale became 40.6 cents on June 20, 1917.<sup>14</sup> Not organized on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## HOD CARRIERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week;	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
WESTERN.									
Butte, Mont.	68.8	33.00		Regular rate multiplied by— 105c. <sup>1</sup> 105c. <sup>2</sup>	8-8-48	Cents.	Dolls.		
Denver, Colo.:									
Brick men.....	43.8	19.25	1½	2	8-4-44	12	37.5 16.50		
Mortar men.....	46.9	20.63	1½	2	8-4-44	12	40.6 17.88		
Los Angeles, Cal.:									
Union A.....	40.6	17.88	1½	1½	8-4-44	12	.....		
Union B.....	40.6	17.88	1½	2	8-4-44	12	.....		
Wheelbarrow men.....	34.4	15.13	1½	1½	8-4-44	12	.....		
Portland, Oreg.	50.0	24.00	2	2	8-8-48				
Salt Lake City, Utah:									
Brick men.....	50.0	22.00	4 1½	2	8-4-44	12	43.8 19.25		
Mortar men.....	56.3	24.75	4 1½	2	8-4-44	12	50.0 22.00		
Wheelbarrow men.....	43.8	19.25	4 1½	2	8-4-44	12	37.5 16.50		
San Francisco, Cal.:	50.0	22.00	2	2	8-4-44	12	.....		
Sewer work.....	62.5	27.50	2	2	8-4-44	12	.....		
Seattle, Wash.	50.0	22.00	1½	2	8-4-44	12	43.8 19.25		
Spokane, Wash.	56.3	24.75	2	2	8-4-44	12	50.0 22.00		

## INSIDE WIREMEN.

NORTH ATLANTIC.								
Boston, Mass.	65.0	28.60	2	2	8-4-44	12	62.5 27.50	8-4-44
Bridgeport, Conn.	64.5	24.00	2	2	8-4-44	12	50.0 22.00	8-4-44
Buffalo, N. Y.	62.5	30.00	4 1½	2	7-8-48	3	56.3 27.00	8-8-48
Fall River, Mass.	50.0	22.00	2	2	8-4-44	12	41.0 18.04	8-4-44
Manchester, N. H.	42.5	18.70	1½	2	8-4-44	4	37.5 18.00	10 8-48
Newark, N. J.	62.5	27.50	2	2	8-4-44	12	.....	.....
New Haven, Conn.	50.0	22.00	2	2	8-4-44	12	44.5 19.58	8-4-44
New York, N. Y.	65.0	28.60	2	2	8-4-44	12	60.0 28.40	8-4-44
Philadelphia, Pa.	56.3	24.75	12 1½	2	8-4-44	12	50.0 22.00	8-4-44
Pittsburgh, Pa.	62.5	27.50	12 1½	2	8-4-44	12	.....	.....
Providence, R. I.	145.0	24.20	2	2	8-4-44	12	50.0 22.00	8-4-44
Rochester, N. Y.	56.3	24.75	12 1½	2	8-4-44	9	53.1 23.38	15 8-4-44
Scranton, Pa.	60.0	26.40	1½	2	8-4-44	12	50.0 22.00	8-4-44
Springfield, Mass.	57.0	25.08	1½	2	8-4-44	12	50.0 22.00	8-4-44
Worcester, Mass.	50.0	22.00	16 1½	2	8-4-44	12	47.5 20.90	8-4-44

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Rate, in cents, per hour, for Sundays; for holidays, 140 cents per hour.<sup>3</sup> Do not work on holidays.<sup>4</sup> Double time after 10 p. m.<sup>5</sup> Scale became 56.3 cents on June 1, 1917.<sup>6</sup> Scale became 70 cents on July 1, 1917.<sup>7</sup> 44 hours and \$27.50 per week, June to August, inclusive.<sup>8</sup> And on Saturday afternoons, June to August, inclusive.<sup>9</sup> 44 hours and \$24.77 per week, June to August, inclusive.<sup>10</sup> 44 hours and \$16.50 per week, June to August, inclusive.<sup>11</sup> Scale became 68.8 cents on June 1, 1917.<sup>12</sup> Double time after midnight.<sup>13</sup> And on Saturday afternoons.<sup>14</sup> Scale became 60 cents on Sept. 1, 1917.<sup>15</sup> 48 hours and \$25.50 per week, October to December, inclusive.<sup>16</sup> Double time after 7 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## INSIDE WIREMEN—Concluded.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week. For Sun- days and holidays.	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half hol- iday pre- vailed	May 15, 1916.			
	Rate of wages—			Per hour.			Per hour.	Rate of wages—		
	Per hour.	Per full time.	Fo r over- time.							
SOUTH ATLANTIC.	Cents.	Dolls.	Regular rate multi- plied by—							
Baltimore, Md.	50.0	24.00	1½ 2		8 -8 -48		43.8	21.00		
Charleston, S. C.	33.3	18.00	3 1½ 2		1 9 -9 -54	3				
Jacksonville, Fla.	45.0	21.60	1½ 2		8 -8 -48					
Richmond, Va.	50.0	24.00	1½ 2		8 -8 -48		43.8	21.00		
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.	62.5	27.81	3 1½ 2		8 -4 -44	12	56.3	25.05		
Cleveland, Ohio.	47.5	23.00	2 2		8 -4 -44	12	70.0	30.80		
Des Moines, Iowa	56.3	24.75	6 1½ 2		8 -4 -44	12				
Detroit, Mich.	66.9	29.43	8 1½ 2		8 -4 -44	7	59.4	28.50		
Grand Rapids, Mich.	45.0	19.80	1½ 2		8 -4 -44	12	37.5	16.50		
Indianapolis, Ind.	57.0	25.08	1½ 2		8 -4 -44	12	53.0	23.32		
Kansas City, Mo.	68.8	30.25	9 1½ 2		8 -4 -44	12	65.0	28.60		
Milwaukee, Wis.	56.3	24.75	1½ 2		8 -4 -44	12	50.0	22.00		
Minneapolis, Minn.	956.3	24.75	9 1½ 2		8 -4 -44	12				
Moline and Rock Island, Ill.	62.5	27.50	9 1½ 2		8 -4 -44	2	50.0	24.00		
Omaha, Nebr.	57.5	25.30	0 1½ 2		8 -4 -44	12				
Peoria, Ill.	156.3	24.75	9 1½ 2		8 -4 -44	12				
St. Louis, Mo.	75.0	33.00	2 2		8 -4 -44	12				
St. Paul, Minn.	62.5	27.50	9 1½ 2		8 -4 -44	12	56.3	24.75		
Wichita, Kans.	1250.0	24.00	9 1½ 2		8 -8 -48					
SOUTH CENTRAL.										
Birmingham, Ala.	50.0	22.00	1½ 2		8 -4 -44	12				
Dallas, Tex.	1865.0	28.60	0 1½ 2		8 -4 -44	12	62.5	27.50		
Houston, Tex.	65.6	28.88	8 1½ 2		8 -4 -44	12	62.5	27.50		
Little Rock, Ark.	150.0	124.00	1½ 2		15 8 -8 -48					
Louisville, Ky.	1645.0	21.60	0 1½ 2		8 -8 -48		40.0	19.20		
Memphis, Tenn.	56.3	24.75	9 1½ 2		8 -4 -44	12	50.0	22.00		
Nashville, Tenn.	33.3	18.00	1½ 2		9 -9 -54		(17)	(17)		
New Orleans, La.	50.0	24.00	2 2		8 -8 -48					
WESTERN.										
Butte, Mont.	87.5	38.50	2 2		8 -4 -44	12				
Denver, Colo.	62.5	27.50	1½ 1½ 2		8 -4 -44	12	60.0	26.40		
Los Angeles, Cal.	50.0	24.00	9 1½ 2		8 -8 -48					
Portland, Oreg.	56.3	24.75	6 1½ 2		8 -4 -44	12				
Salt Lake City, Utah	1362.5	27.50	2 2		8 -4 -44	12				
San Francisco, Cal.	75.0	35.00	2 2		8 -4 -44	12	62.5	27.50		
Seattle, Wash.	75.0	33.00	6 1½ 2		8 -4 -44	12	62.5	27.50		
Spokane, Wash.	70.0	33.60	6 1½ 2		8 -8 -48		56.3	27.00		

<sup>1</sup> 49½ hours and \$16.50 per week, June 16 to Sept. 15, inclusive.

<sup>2</sup> Scale became 65 cents on Sept. 1, and 70 cents on Dec. 1, 1917.

<sup>3</sup> And on Saturday afternoons.

<sup>4</sup> Scale became 78.1 cents on Nov. 1, 1917.

<sup>5</sup> Scale became 60 cents on July 1, 1917.

<sup>6</sup> Double time after 10 p. m.

<sup>7</sup> Scale became 71.3 cents on Nov. 1, 1917.

<sup>8</sup> Double time after 8 p. m.

<sup>9</sup> Double time after midnight.

<sup>10</sup> Scale became 62.5 cents on July 16, 1917.

<sup>11</sup> Scale became 62.5 cents on July 1, 1917.

<sup>12</sup> Scale became 56.3 cents on June 1, 1917.

<sup>13</sup> Scale became 70 cents on July 1, 1917.

<sup>14</sup> Scale became 55 cents on July 1, 1917.

<sup>15</sup> 44 hours and \$22 per week July to September, inclusive.

<sup>16</sup> Scale became 50 cents on June 1, 1917.

<sup>17</sup> Not organized on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## INSIDE WIREMEN: Fixture hangers.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<i>Regular rate multiplied by—</i>									
BOSTON, MASS.	Cents. 60.0	Dolls. 26.40	2	2	8 -4 -44	12	Cents. 55.0	Dolls. 24.20	8 -4 -44
Buffalo, N. Y.	45.0	21.60	2 1½	2	1 8 -8 -48	3	.....	.....	.....
Newark, N. J.	50.0	22.00	2	2	8 -4 -44	12	.....	.....	.....
New Haven, Conn.	50.0	22.00	2	2	8 -4 -44	12	44.5	19.58	8 -4 -44
New York, N. Y.	65.0	28.60	2	2	8 -4 -44	12	60.0	26.40	8 -4 -44
Philadelphia, Pa.	56.3	24.75	3 1½	4 2	8 -4 -44	12	50.0	22.00	8 -4 -44
Pittsburgh, Pa.	57.5	25.30	3 1½	4 2	8 -4 -44	12	.....	.....	.....
Providence, R. I.	55.0	24.20	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Rochester, N. Y.	56.3	24.75	3 1½	2	8 -4 -44	7	53.1	23.38	6 8 -4 -44
<i>SOUTH ATLANTIC.</i>									
Baltimore, Md.	50.0	24.00	1½	2	8 -8 -48	.....	43.8	21.00	8 -8 -48
Washington, D. C.	56.3	24.75	2	2	8 -4 -44	12	.....	.....	.....
<i>NORTH CENTRAL.</i>									
Chicago, Ill.	75.0	33.00	1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Cleveland, Ohio	60.0	26.40	9 1½	10 2	8 -4 -44	12	59.4	28.50	13 8 -8 -48
Detroit, Mich.	62.5	27.50	12 1½	2	8 -4 -44	12	37.5	16.50	8 -4 -44
Grand Rapids, Mich.	45.0	19.80	1½	2	8 -4 -44	12	47.0	20.68	8 -4 -44
Indianapolis, Ind.	50.0	22.00	1½	2	8 -4 -44	12	56.3	24.75	8 -4 -44
Kansas City, Mo.	62.5	27.50	1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Minneapolis, Minn.	456.3	24.75	3 1½	4 2	8 -4 -44	12	.....	.....	.....
Omaha, Nebr.	50.0	22.00	3 1½	2	8 -4 -44	12	.....	.....	.....
Peoria, Ill.	56.3	24.75	3 1½	2	8 -4 -44	12	.....	.....	.....
St. Louis, Mo.	65.0	28.60	1½	2	8 -4 -44	12	.....	.....	.....
St. Paul, Minn.	50.0	24.00	3 1½	2	8 -8 -48	.....	.....	.....	.....
<i>SOUTH CENTRAL.</i>									
Dallas, Tex.	65.0	28.60	3 1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44
<i>WESTERN.</i>									
Los Angeles, Cal.	50.0	24.00	3 1½	2	8 -8 -48	.....	.....	.....	.....
Portland, Oreg.	56.3	24.75	3 1½	4 2	8 -4 -44	12	.....	.....	.....
San Francisco, Cal.	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44
Seattle, Wash.	62.5	27.50	3 1½	4 2	8 -4 -44	12	50.0	22.00	8 -4 -44

<sup>1</sup> 44 hours and \$19.80 per week, June to August, inclusive.<sup>2</sup> Double time after 10 p. m.<sup>3</sup> Double time after midnight.<sup>4</sup> And on Saturday afternoons.<sup>5</sup> Scale became 60 cents on Sept. 1, 1917.<sup>6</sup> 48 hours and \$25.50 per week, October to December, inclusive.<sup>7</sup> Scale became 56.3 cents on Aug. 7, 1917.<sup>8</sup> Scale became 62.5 cents on June 1, 1917.<sup>9</sup> Double time after 6:30 p. m.<sup>10</sup> And on Saturdays after 4:30 p. m.<sup>11</sup> Scale became 65.8 cents on Nov. 1, 1917.<sup>12</sup> Double time after first 2 hours.<sup>13</sup> Forty-eight hours and \$23.13 per week, June to September, inclusive.<sup>14</sup> Scale became 62.5 cents on July 16, 1917.<sup>15</sup> Scale became 62.5 cents on July 1, 1917.<sup>16</sup> Scale became 70 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## LATHERS.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week.	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.			Rate of wages—			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
<b>NORTH ATLANTIC.</b>										
Boston, Mass.:	Cents.	Dolls.	Regular rate multiplied by							
Metal or wood.....	72.5	29.00	2 2	8 -0 -40	1 12	Cents.	Dolls.	8 -0 -40		
Wood.....	(2)	.....	2 2	8 -0 -40	1 12	(3)	.....	8 -0 -40		
Bridgeport, Conn.:										
Metal or wood.....	68.8	30.25	2 2	8 -4 -44	12					
Wood.....	(4)	.....	2 68.8c.	8 -4 -44	12	(3)	.....	8 -4 -44		
Buffalo, N. Y.:										
Metal or wood.....	56.3	27.00	1½ 2	6 8 -8 -48	3	50.0	24.00	8 -8 -48		
Wood.....	(7)	.....	1½ 2	8 8 -8 -48	3	(3)	.....	8 -8 -48		
Fall River, Mass.:										
Metal.....	45.0	22.05	1½ 2	10 9 -4 -49	12	40.0	19.60	9 -4 -49		
Wood.....	(11)	.....	1 1	10 9 -4 -49	12	(12)	.....	9 -4 -49		
Newark, N. J.:										
Metal or wood.....	75.0	33.00	2 2	8 -4 -44	12					
Wood.....	(13)	.....	2 2	8 -4 -44	12					
New Haven, Conn.:										
Metal.....	68.8	30.25	2 2	8 -4 -44	12					
Wood.....	(9)	.....	2 2	8 -4 -44	12	(14)	.....	8 -4 -44		
New York, N. Y.:										
Metal.....	68.8	30.25	2 2	8 -4 -44	12					
Wood.....										
Manhattan and Bronx.....	(15)	.....	2 2	8 -4 -44	12	(13)	.....	8 -4 -44		
Brooklyn.....	(16)	.....	2 2	8 -4 -44	12					
Philadelphia, Pa.:										
Metal.....	70.0	30.80	2 2	8 -4 -44	12	62.5	27.50	8 -4 -44		
Wood.....	62.5	27.50	2 2	8 -4 -44	12					
Wood.....	(17)	.....	1 1	8 -4 -44	12	(11)	.....	8 -4 -44		
Pittsburgh, Pa.:										
Metal or wood.....	68.8	30.25	1½ 18 2	8 -4 -44	12	62.5	27.50	8 -4 -44		
Wood.....	(2)	.....	1½ 18 2	8 -4 -44	12	(3)	.....	8 -4 -44		
Providence, R. I.:										
Metal.....	(19)	.....	1½ 2	8 -4 -44	12					
Wood.....	(20)	.....	1½ 2	8 -4 -44	12					
Rochester, N. Y.:										
Metal or wood.....	21 55.0	24.20	1½ 2	8 -4 -44	12	50.0	22.00	8 -4 -44		
Wood.....	(22)	.....	1 (23)	8 -4 -44	12					

<sup>1</sup> Full holiday on Saturdays.<sup>2</sup> \$3.60 per 1,000 laths.<sup>3</sup> \$3.25 per 1,000 laths.<sup>4</sup> \$3.75 per 1,000 laths.<sup>5</sup> Rate, in cents, per hour.<sup>6</sup> 44 hours and \$24.75 per week, June to August, inclusive.<sup>7</sup> \$2.75 per 1,000 laths.<sup>8</sup> 44 hours per week, June to August, inclusive.<sup>9</sup> \$2.50 per 1,000 laths.<sup>10</sup> Scale became 44 hours on June 1, 1917.<sup>11</sup> \$2.25 per 1,000 laths.<sup>12</sup> \$2.00 per 1,000 laths.<sup>13</sup> \$3.50 per 1,000 laths.<sup>14</sup> \$2.30 per 1,000 laths.<sup>15</sup> \$4.50 per 1,000 laths.<sup>16</sup> \$3.50 per 1,000 laths; scale became \$4.00 on June 1, 1917.<sup>17</sup> \$3 per 1,000 laths; \$3.25 per 1,000 laths requiring 5 nails; \$4.50 per 1,000 hardwood laths.<sup>18</sup> And on Saturday after 4:30 p. m.<sup>19</sup> 4.5 cents per square yard; scale became 5 cents on June 1, 1917.<sup>20</sup> \$2.25 per 1,000 laths; scale became \$2.50 on June 1, 1917.<sup>21</sup> Scale became 60 cents on June 1, 1917.<sup>22</sup> \$2.50 per 1,000 laths; scale became \$3 on June 1, 1917.<sup>23</sup> Do not work on Sundays or holidays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## LATHERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur-ing year end-ing May 15, 1917. Saturday half holi-day pre-vailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays, Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sun-days and hol-i-days.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.					Regular rate multiplied by—				
Scranton, Pa.:	Cents.	Dolls.					Cents.	Dolls.	
Metal or wood.....	60.0	26.40	1½	2	8 -4 -44	12	-----	-----	
Wood.....	(1)	-----	1	1	8 -4 -44	12	-----	-----	
Springfield, Mass.:									
Metal.....	260.0	26.40	2	2	8 -4 -44	12	55.0	24.20	
Wood.....	(3)	-----	2	2	8 -4 -44	12	-----	-----	
Worcester, Mass.:									
Metal.....	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	
Wood.....	(1)	-----	2	2	8 -4 -44	12	(3)	8 -4 -44	
SOUTH ATLANTIC.									
Baltimore, Md. ....	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	
Charleston, S. C. ....	(6)	-----	1½	7 1	8 -3 -48	-----	-----	-----	
Washington, D. C.:									
Metal or wood.....	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	
Wood.....	(3)	-----	2	2	8 -4 -44	12	-----	-----	
NORTH CENTRAL.									
Chicago, Ill. ....	71.9	31.63	2	2	8 -4 -44	12	-----	-----	
Cincinnati, Ohio:									
Metal.....	62.5	27.81	1½	8 2	8 -4 -44	12	-----	-----	
Wood.....	(3)	-----	1½	8 2	8 -4 -44	12	-----	-----	
Cleveland, Ohio:									
Metal or wood, first class .....	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	
Metal or wood, second class .....	65.6	28.88	2	2	8 -4 -44	12	62.5	27.50	
Des Moines, Iowa:									
Wood, wire, or metal, first class.....	57.5	25.30	2	2	8 -4 -44	12	-----	-----	
Wood, wire, or metal, sec-ond class.....	50.0	22.00	2	2	8 -4 -44	12	-----	-----	
Detroit, Mich.:									
Metal or wood.....	68.8	30.25	2	(10)	8 -4 -44	12	66.3	29.15	
Wood, second class.....	60.0	26.40	2	(10)	8 -4 -44	12	56.9	25.03	
Grand Rapids, Mich.:									
Metal, first class.....	55.0	26.40	1½	2	8 -8 -48	-----	50.0	24.00	
Metal, second class.....	45.0	21.60	1½	2	8 -8 -48	-----	-----	-----	
Wood.....	50.0	24.00	1½	2	8 -8 -48	-----	-----	-----	
Indianapolis, Ind.:									
Metal or wood.....	62.5	27.81	2	2	8 -4 -44	12	55.0	24.48	
Wood.....	50.0	22.25	2	2	8 -4 -44	12	(11)	8 -4 -44	
Kansas City, Mo.:									
Metal.....	68.8	30.25	2	2	8 -4 -44	12	-----	-----	
Wood.....	1250.3	24.75	2	2	8 -4 -44	12	-----	-----	

<sup>1</sup> \$2.75 per 1,000 laths.<sup>2</sup> Scale became 62.5 cents on June 1, 1917.<sup>3</sup> \$2.50 per 1,000 laths; scale became \$3 per 1,000 for 4 nails to a lath, \$3.25 for 5 nails to a lath on June 1, 1917.<sup>4</sup> \$3.25 per 1,000 laths.<sup>5</sup> \$2.50 per 1,000 laths.<sup>6</sup> \$2.25 per 1,000 laths.<sup>7</sup> For Sundays no established rate.<sup>8</sup> And on Saturday afternoons.<sup>9</sup> \$3.50 per 1,000 laths.<sup>10</sup> Do not work on Sundays or holidays.<sup>11</sup> \$2.15 for 32-inch, \$2.25 for 48-inch, \$2.50 for hardwood laths per 1,000.<sup>12</sup> Scale became 68.8 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## LATHERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Milwaukee, Wis.:	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
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.....	62.5	27.50	1½	2	8 -4 -44	1	56.3	27.00	8 -8 -48	
Wood.....	56.3	24.75	1½	2	8 -4 -44	1	50.0	24.00	8 -8 -48	
Wood, first class.....	50.0	22.00	1½	2	8 -4 -44	1	43.8	21.00	8 -8 -48	
Wood, second class.....	43.8	19.25	1½	2	8 -4 -44	1	37.5	18.00	8 -8 -48	
Omaha, Nebr.:										
Wood, wire, and metal....	70.0	30.80	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
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 or wood.....	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
Wood.....	(*)	.....	2	2	8 -4 -44	12	(*)	.....	8 -4 -44	
St. Paul, Minn.:										
Metal.....	62.5	30.00	2	2	8 -8 -48	.....	.....	.....		
Wood, first class.....	56.3	27.00	2	2	8 -8 -48	.....	.....	.....		
Wood, second class.....	50.0	24.00	2	2	8 -8 -48	.....	.....	.....		
Wichita, Kans.:										
Metal or wood.....	62.5	27.50	1½	1½	8 -4 -44	12	50.0	22.00	8 -4 -44	
Metal or wood.....	(*)	.....	1½	1½	8 -4 -44	12	(*)	(*)	(*)	
SOUTH CENTRAL.										
Dallas, Tex.:										
Metal.....	75.0	33.00	2	2	8 -4 -44	12	68.8	33.00	8 -8 -48	
Wood, pine.....	(*)	.....	2	2	8 -4 -44	12	(*)	.....	8 -8 -48	
Wood, cypress.....	(*)	.....	2	2	8 -4 -44	12	(*)	.....	8 -8 -48	
Houston, Tex.:										
Metal.....	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
Wood.....	(*)	.....	2	2	8 -4 -44	12	.....	.....		
Louisville, Ky.:										
Metal.....	52.5	23.10	2	2	8 -4 -44	12	.....	.....		
Wood.....	(*)	.....	2	2	8 -4 -44	12	.....	.....		
Memphis, Tenn.:										
Wood.....	(*)	.....	1	1½	8 -8 -48	.....	(*)	(*)	(*)	
WESTERN.										
Butte, Mont.:										
Metal or wood.....	100.0	44.00	2	2	8 -4 -44	12	.....	.....		
Metal.....	(*)	.....	2	1½ 2	8 -4 -44	12	.....	.....		
Wood.....	(*)	.....	2	1½ 2	8 -4 -44	12	.....	.....		

<sup>1</sup> Scale became 71.9 cents on June 1, 1917.<sup>2</sup> \$3.50 per 1,000 laths.<sup>3</sup> \$3 per 1,000 laths.<sup>4</sup> 4½ cents per yard for laths 48 inches long, ordinary work; 5 cents per yard for laths 32 inches long, 5-nail work; 6 cents per yard for metal laths nailed on; 7 cents per yard for metal laths stapled on.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> \$4 per 1,000 laths.<sup>7</sup> \$3.75 per 1,000 laths.<sup>8</sup> \$3.25 per 1,000 laths.<sup>9</sup> \$3.15 per 1,000 laths.<sup>10</sup> \$2.75 per 1,000 laths.<sup>11</sup> 4 cents per square yard.<sup>12</sup> 10 cents per square yard.<sup>13</sup> For holidays; for Sundays, regular rate.<sup>14</sup> 7 cents per square yard.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## LATHERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour	Per week full time.		
WESTERN—concluded.										
Denver, Colo.: Metal or wood, first class...	Cents. 62.5	Dolls. 27.50	Regular rate multiplied by— $\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12	Cents. 50.0	Dolls. 22.00	8 -4 -44	
Metal or wood, second class	56.3	24.75	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12	43.8	19.25	8 -4 -44	
Los Angeles, Cal.: Metal and wood.....	50.0	22.00	$\frac{1}{2}$	2	8 -4 -44	12	(*)		8 -4 -44	
Wood.....	(*)		$\frac{1}{2}$	2	8 -4 -44	12	(*)		8 -4 -44	
Portland, Oreg.: Metal.....	75.0	33.00	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Wood.....	(*)		2	2	8 -4 -44	12	(*)		8 -4 -44	
Salt Lake City, Utah: Metal or wood, first class...	75.0	33.00	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12	62.5	27.50	8 -4 -44	
Metal or wood, second class	65.6	28.88	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12	56.3	24.75	8 -4 -44	
San Francisco, Cal.: Metal or wood.....	75.0	33.00	2	2	8 -4 -44	12				
Seattle, Wash.: Metal or wood, first class...	75.0	30.00	2	2	8 -0 -40	11	62.5	27.50	8 -4 -44	
Metal or wood, second class	75.0	30.00	2	2	8 -0 -40	11	56.3	24.75	8 -4 -44	
Wood, third class.....	75.0	30.00	2	2	8 -0 -40	11	50.0	22.00	8 -4 -44	
Spokane, Wash.: Metal.....	62.5	27.50	2	2	8 -4 -44	12				
Wood.....	(*)		2	2	8 -4 -44	12				

## MARBLE SETTERS.

NORTH ATLANTIC.	Cents.	Dolls.	Regular rate multiplied by— $\frac{1}{2}$	Hours— Full day; Saturdays; Full week.	Cents.	Dolls.	Hours— Full day; Saturdays; Full week.		
								Per hour	Per week full time.
Boston, Mass.....	68.8	30.25	2	2	8 -4 -44	12	60.0	26.40	8 -4 -44
Bridgeport, Conn.....	65.0	28.60	2	2	8 -4 -44	12			
Buffalo, N. Y.....	68.8	33.00	$\frac{1}{2}$	2	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			
New York, N. Y.....	68.8	30.25	2	2	8 -4 -44	12			
Philadelphia, Pa.....	68.8	30.25	$\frac{1}{2}$	2	8 -4 -44	12			
Pittsburgh, Pa.....	68.8	30.25	$\frac{1}{2}$	$\frac{1}{2}$	8 -2	8			
Rochester, N. Y.....	68.8	30.25	$\frac{1}{2}$	2	8 -4 -44	12			
Scranton, Pa.....	68.8	33.00	$\frac{1}{2}$	2	8 -8 -48	3			
Springfield, Mass.....	70.0	30.80	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44
SOUTH ATLANTIC.									
Atlanta, Ga.....	68.8	33.00	$\frac{1}{2}$	2	8 -8 -48	3			
Baltimore, Md.....	68.8	30.25	$\frac{1}{2}$	$\frac{1}{2}$	8 -2	8	4 -4 -44	12	68.8 10 30.94
Washington, D. C.....	68.8	30.25	$\frac{1}{2}$	2	8 -4 -44	12			10 8 -5 -4
NORTH CENTRAL.									
Chicago, Ill.....	71.9	31.63	$\frac{1}{2}$	$\frac{1}{2}$	8 2	8	4 -4 -44	12	
Cincinnati, Ohio.....	68.8	30.25	$\frac{1}{2}$	$\frac{1}{2}$	8 2	8	4 -4 -44	12	
Cleveland, Ohio.....	68.8	30.25	$\frac{1}{2}$	$\frac{1}{2}$	8 2	8	4 -4 -44	12	

<sup>1</sup> \$2 per 1,000 laths.<sup>2</sup> \$1.75 per 1,000 laths.<sup>3</sup> \$3 per 1,000 laths.<sup>4</sup> Full holiday on Saturdays, 1 month.<sup>5</sup> Scale became 71.9 cents on Sept. 1, 1917.<sup>6</sup> Scale became 70 cents on Sept. 1, 1917.<sup>7</sup> 44 hours and \$30.25 per week June to August, inclusive.<sup>8</sup> And on Saturday afternoons.<sup>9</sup> Double time after midnight.<sup>10</sup> 44 hours and \$39.25 per week, November to March, inclusive.<sup>11</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## MARBLE SETTERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917. Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—	Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
NORTH CENTRAL—concluded.					Regular rate multiplied by—					
Davenport, Iowa, Moline, and Rock Island, Ill.	Cents. 68.8	Dolls. 30.25	1½ 2		8 -4 -44	12	Cents. 75.0	Dolls. 33.00	8 -4 -44	
Des Moines, Iowa.....	77.5	34.10	2	2	8 -4 -44	12				
Detroit, Mich.....	68.8	30.25	1½ 2		1 8 -4 -44	9				
Grand Rapids, Mich.....	68.8	30.25	1½ 2		8 -4 -44	12				
Indianapolis, Ind.....	68.8	30.25	2 1½ 3 2		8 -4 -44	12				
Kansas City, Mo.....	68.8	30.25	1½ 2		8 -4 -44	12				
Milwaukee, Wis.....	68.8	30.25	2	2	8 -4 -44	12				
Minneapolis, Minn.....	68.8	30.25	1½ 2		4 8 -4 -44	5	68.8	30.25	8 -4 -44	
Omaha, Nebr.....	68.8	30.25	1½ 2		8 -4 -44	12				
St. Louis, Mo.....	68.8	30.25	1½ 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 3 2		8 -4 -44	12				
Houston, Tex.....	68.8	30.25	2	2	8 -4 -44	12				
Louisville, Ky.....	68.8	30.25	1½ 3 2		8 -4 -44	12	65.0	28.60	8 -4 -44	
New Orleans, La.....	62.5	27.50	6 1½ 2		8 -4 -44	12				
WESTERN.										
Butte, Mont.....	100.0	48.00	1½ 1½		8 -8 -48	—				
Denver, Colo.....	68.8	30.25	1½ 2		8 -4 -44	12				
Portland, Oreg.....	68.8	30.25	1½ 6 1½		8 -4 -44	12				
Salt Lake, 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				

## MARBLE SETTERS' HELPERS.

NORTH ATLANTIC.									
Boston, Mass.....	\$ 35.0	15.40	1½ 2	2	8 -4 -44	12			
New York, N. Y.....	43.8	19.25	2	2	9 8 -4 -44	12	40.6	17.88	8 -4 -44
NORTH CENTRAL.									
Chicago, Ill.....	45.0	19.80	10 1½ 3 2		8 -4 -44	12	42.5	18.70	8 -4 -44
Cincinnati, Ohio.....	31.3	14.06	1½ 2		8 -5 -45	12			
St. Louis, Mo.....	1135.0	15.40	1½ 3 2		8 -4 -44	12	27.5	12.10	8 -4 -44
WESTERN.									
San Francisco, Cal.....	1237.5	16.50	1½ 2	2	8 -4 -44	12			
Seattle, Wash.....	43.8	19.25	1½ 2	2	8 -4 -44	12	37.5	16.60	8 -4 -44

<sup>1</sup> 48 hours and \$33 per week, December to February, inclusive.<sup>2</sup> Double time after 7 p. m.<sup>3</sup> And on Saturday afternoons.<sup>4</sup> 48 hours and \$33 per week, October to April, inclusive.<sup>5</sup> Double time after midnight.<sup>6</sup> For Sundays; for holidays, double time.<sup>7</sup> Scale became 68.8 cents on Oct. 1, 1917.<sup>8</sup> Scale became 42.5 cents on June 1, 1917.<sup>9</sup> Work on Saturday afternoons prohibited.<sup>10</sup> Double time after 10.20 p. m.<sup>11</sup> Scale became 37.5 cents on June 1, and 40 cents on Oct. 1, 1917.<sup>12</sup> Scale became 43.8 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## MOSAIC AND TERRAZZO WORKERS.

Geographical division and city.	May 15, 1917.						Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.		
NORTH ATLANTIC.					Regular rate multiplied by— 2 2						
New York, N. Y.....	59.4	26.13			8 -4 -44	12	Cents. 56.3	Dolls. 24.75	8 -4 -44		
Philadelphia, Pa.: First class.....	46.0	20.24	1½	1 2	8 -4 -44	12	41.0	18.04	8 -4 -44		
Second class.....	40.0	17.60	1½	1 2	8 -4 -44	12	35.0	15.40	8 -4 -44		
Third class.....	34.0	14.96	1½	1 2	8 -4 -44	12	29.0	12.76	8 -4 -44		
NORTH CENTRAL.											
Chicago, Ill.....	68.8	30.25	1½	2	8 -4 -44	12	.....	.....	.....		
Cincinnati, Ohio.....	50.0	25.00	1½	1½	2 9 -5 -50	12	.....	.....	.....		
Detroit, Mich.....	59.5	28.56	1½	1½	8 -3 -43	.....	(3)	(3)	(3)		

## PAINTERS.

NORTH ATLANTIC.										
Boston, Mass.....	62.5	25.00	2	2	8 -0 -40	4 12	60.5	24.20	8 -0 -40	
Bridgeport, Conn.....	50.0	22.00	1½	5 2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Buffalo, N. Y.....	50.0	24.00	1½	2	8 -8 -48	3	46.9	22.50	7 8 -8 -48	
Fall River, Mass.....	41.0	18.04	1½	2	8 -4 -44	12	.....	.....	.....	
Manchester, N. H.....	37.5	18.00	1½	2	8 -8 -43	.....	.....	.....	.....	
Newark, N. J.....	50.0	22.00	2	2	8 -4 -44	12	46.9	20.63	8 -4 -44	
New Haven, Conn.....	45.5	20.00	2	2	8 -4 -44	12	40.9	18.00	8 -4 -44	
New York, N. Y.: Manhattan, Bronx, Kings, and Richmond.....	62.5	27.50	2	8 143c.	8 -4 -44	12	.....	.....	.....	
Queens.....	62.5	27.50	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Independent union.....	50.0	22.00	2	2	8 -4 -44	12	.....	.....	.....	
Philadelphia, Pa.....	45.0	19.80	1½	2	8 -4 -44	12	42.5	18.70	8 -4 -44	
Pittsburgh, Pa.....	65.0	28.60	1½	2	9 8 -4 -44	12	58.1	25.58	8 -4 -44	
Providence, R. I.....	50.0	22.00	10 1½	2	8 -4 -44	12	45.5	20.02	8 -4 -44	
Rochester, N. Y.....	50.0	22.00	1½	2	8 -4 -44	12	.....	.....	.....	
Scranton, Pa.....	50.0	22.00	1½	2	8 -4 -44	12	45.0	19.80	8 -4 -44	
Springfield, Mass.....	50.0	22.00	11 1½	2	8 -4 -44	12	.....	.....	.....	
Worcester, Mass.....	50.0	22.00	12 1½	2	8 -4 -44	12	45.5	20.02	8 -4 -44	
SOUTH ATLANTIC.										
Atlanta, Ga.....	36.1	19.50	1½	2	13 9 -8 -53	.....	33.3	18.00	12 9 -8 -53	
Baltimore, Md.....	43.8	21.00	1½	2	8 -8 -48	.....	37.5	18.00	8 -8 -48	
Charleston, S. C.....	25.0	12.00	1½	2	8 -8 -48	.....	.....	.....	.....	
Jacksonville, Fla.....	45.0	21.60	11 1½	2	8 -8 -48	.....	37.5	18.00	8 -8 -48	
Richmond, Va.....	37.5	18.00	1½	2	8 -8 -48	.....	30.6	16.50	9 -9 -54	
Washington, D. C.....	1456.3	24.75	1½	5 2	8 -4 -44	12	50.0	22.00	8 -4 -44	

<sup>1</sup> And on Saturdays after 5 p. m.<sup>2</sup> Scale became 44 hours on Aug. 1, 1917.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Full holiday on Saturdays.<sup>5</sup> And on Saturday afternoons.<sup>6</sup> 44 hours and \$22 per week, June to August, inclusive.<sup>7</sup> 44 hours and \$20.63 per week, June to August, inclusive.<sup>8</sup> Rate, in cents, per hour.<sup>9</sup> Work on Saturday afternoons prohibited.<sup>10</sup> Double time after midnight and on Saturday afternoons.<sup>11</sup> Double time after midnight.<sup>12</sup> Double time after 9 p. m., and on Saturday afternoons.<sup>13</sup> Work 53 hours, paid for 54.<sup>14</sup> Scale became 62.5 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PAINTERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.....	72.5	31.90	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -4 -44	12	Cents.	Dolls.	8 -4 -44	
Cincinnati, Ohio.....	55.0	24.20	1 $\frac{1}{2}$	2 $\frac{1}{2}$	8 -4 -44	12				
Cleveland, Ohio.....	55.0	24.20	1 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$ -4 -44	12				
Columbus, Ohio.....	50.0	22.00	1 $\frac{1}{2}$	2	8 -4 -44	2	45.0	21.60	8 -8 -48	
Davenport, Iowa, Moline and Rock Island, Ill.....	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12				
Des Moines, Iowa.....	50.0	22.00	1 $\frac{1}{2}$	2	8 -4 -44	12				
Detroit, Mich.....	60.0	26.40	1 $\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Indianapolis, Ind.....	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Grand Rapids, Mich.....	50.0	24.00	6 1 $\frac{1}{2}$	2	8 -8 -48		37.5	18.00	8 -8 -48	
Kansas City, Mo.....	60.0	26.40	1 $\frac{1}{2}$	2	8 -4 -44	12				
Milwaukee, Wis.....	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Minneapolis, Minn.....	55.0	24.20	1 $\frac{1}{2}$	2	6 8 -4 -44	12				
Omaha, Nebr.....	62.5	27.50	6 1 $\frac{1}{2}$	2	8 -4 -44	12	55.0	24.20	8 -4 -44	
Peoria, Ill.....	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
St. Louis, Mo.....	62.5	27.50	2	2	8 -8 -44	12				
St. Paul, Minn.....	55.0	24.20	1 $\frac{1}{2}$	2	8 -4 -44	12				
Wichita, Kans.....	50.0	24.00	1 $\frac{1}{2}$	2	8 -8 -48		47.5	22.80	8 -8 -48	
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.....	50.0	22.00	8 1 $\frac{1}{2}$	2	8 -4 -44	2	45.0	21.60	8 -8 -48	
Dallas, Tex.....	60.0	26.40	6 1 $\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Houston, Tex.....	60.0	26.40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -4 -44	12	53.1	23.38	8 -4 -44	
Little Rock, Ark.....	55.0	24.20	6 1 $\frac{1}{2}$	2	8 -4 -44	12				
Louisville, Ky.....	50.0	24.00	1 $\frac{1}{2}$	2	8 -8 -48					
Memphis, Tenn.....	60.0	26.40	7 1 $\frac{1}{2}$	2	8 -4 -44	12	52.5	23.10	8 -4 -44	
Nashville, Tenn.....	40.0	19.20	1 $\frac{1}{2}$	2	8 -8 -48					
New Orleans, La.....	40.0	19.20	1 $\frac{1}{2}$	2	8 -8 -48					
<b>WESTERN.</b>										
Butte, Mont.....	81.3	35.75	2	2	8 -4 -44	12				
Denver, Colo.....	62.5	27.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -4 -44	12	55.0	24.20	8 -4 -44	
Los Angeles, Cal.....	50.0	24.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -8 -48		43.8	21.00	8 -8 -48	
Portland, Oreg.....	50.0	22.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -4 -44	12				
Salt Lake City, Utah.....	75.0	33.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -4 -44	12	62.5	27.50	8 -4 -44	
San Francisco, Cal.....	62.5	27.50	2	2	8 -4 -44	12				
Seattle, Wash.....	65.0	28.80	6 1 $\frac{1}{2}$	2	8 -4 -44	12	56.3	24.75	8 -4 -44	
Spokane, Wash.....	62.5	27.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	6 8 -4 -44	12	56.3	24.75	8 -4 -44	

## PAINTERS: Fresco.

NORTH ATLANTIC.									
Boston, Mass.....	67.5	27.00	2	2	8 -0 -40	8 12	65.5	26.20	8 -0 -40
Fall River, Mass.....	50.0	22.00	9 1 $\frac{1}{2}$	2	8 -4 -44	12			

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> And on Saturday afternoons; work on Labor Day, Christmas, and July 4 prohibited.<sup>3</sup> Scale became 60 cents on July 1, 1917.<sup>4</sup> Work on Labor Day prohibited.<sup>5</sup> Work on Saturday afternoons prohibited.<sup>6</sup> Double time after midnight.<sup>7</sup> Double time after midnight and on Saturday afternoons.<sup>8</sup> Full holiday on Saturdays.<sup>9</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PAINTERS: Fresco—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages				Hours—Full day; Saturdays, Full week.		Rate of wages			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays, Full week.	
NORTH ATLANTIC—concluded.										
New York, N. Y.: Manhattan, Bronx, Kings, and Richmond.	Cents. 62.5 62.5 50.0 50.0 50.0 50.0	Dolls. 27.50 27.50 22.00 22.00 22.00 22.00	2 2 2 $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	<sup>1</sup> 143c. 2 2 2 2 $\frac{1}{2}$ $\frac{1}{2}$	8 -4 -44 8 -4 -44 8 -4 -44 8 -4 -44 8 -4 -44 8 -4 -44	12	Cents. 56.3 56.3 50.0 50.0 45.5	Dolls. 24.75 24.75 22.00 20.02	8 -4 -44 ----- ----- ----- 8 -4 -44	
SOUTH ATLANTIC.										
Charleston, S. C.	50.0	24.00	$\frac{1}{2}$	2	8 -8 -48	-----			-----	
NORTH CENTRAL.										
Cincinnati, Ohio.	60.0	26.40	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12			-----	
Indianapolis, Ind.	55.0	24.20	$\frac{1}{2}$	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
St. Paul, Minn.	55.0	24.20	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12			-----	
WESTERN.										
Butte, Mont.	81.3	35.75	2	2	8 -4 -44	12			-----	
Los Angeles, Cal.	62.5	30.00	$\frac{1}{2}$	$\frac{1}{2}$	8 -8 -48	-----			-----	
Salt Lake City, Utah	75.0	33.00	$\frac{1}{2}$	$\frac{1}{2}$	8 -4 -44	12	68.8	30.25	8 -4 -44	
Seattle, Wash.	71.3	31.35	$\frac{1}{2}$	2	8 -4 -44	12	62.5	27.50	8 -4 -44	

## PAINTERS: Sign.

NORTH ATLANTIC.									
Boston, Mass.	62.5	25.00	2	2	8 -0 -40	6 12			-----
Bridgeport, Conn.	62.5	30.00	$\frac{1}{2}$	$\frac{1}{2}$	8 -8 -48	-----	50.0	24.00	8 -8 -48
Buffalo, N. Y.	75.0	33.00	$\frac{1}{2}$	2	8 -4 -44	12	62.5	27.50	8 -4 -44
New York, N. Y.: Manhattan, Bronx, and Richmond	62.5	27.50	2	<sup>1</sup> 143c.	8 -4 -44	12			-----
Philadelphia, Pa.	56.3	24.75	$\frac{1}{2}$	2	8 -4 -44	12	43.8	19.25	8 -4 -44
Pittsburgh, Pa.	70.6	31.08	$\frac{1}{2}$	2	<sup>6</sup> 8 -4 -44	3	(?)	(?)	-----
Rochester, N. Y.	50.0	$\frac{1}{2}$	2	<sup>8</sup> 8 -8 -48	-----			-----	
Springfield, Mass.	50.0	22.00	$\frac{1}{2}$	2	8 -4 -44	12			-----
Worcester, Mass.	50.0	22.00	$\frac{9}{12}$	$\frac{1}{2}$	8 -4 -44	12	45.5	20.02	8 -4 -44
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	2	2	8 -4 -44	12			-----
Cincinnati, Ohio.	65.6	28.88	$\frac{1}{2}$	2	8 -4 -44	12			-----
Cleveland, Ohio:									
Grades 1 and 2.	75.0	33.00	$\frac{1}{2}$	2	8 -4 -44	12			-----
Grade 3.	60.0	26.40	$\frac{1}{2}$	<sup>10</sup> 2	<sup>6</sup> 8 -4 -44	12	55.0	24.20	8 -4 -44
Detroit, Mich.	68.8	30.25	$\frac{1}{2}$	2	8 -4 -44	12	62.5	27.50	8 -4 -44
Grand Rapids, Mich.	56.3	24.75	$\frac{1}{2}$	2	8 -4 -44	5	(?)	(?)	(?)

<sup>1</sup> Rate, in cents, per hour, limited to 7 hours.<sup>2</sup> Double time after midnight.<sup>3</sup> Double time after 9 p. m.<sup>4</sup> And on Saturday afternoons.<sup>5</sup> Full holiday on Saturdays.<sup>6</sup> Work on Saturday afternoons prohibited.<sup>7</sup> No scale in effect on May 15, 1916.<sup>8</sup> 44 hours and \$22 per week, June to August, inclusive.<sup>9</sup> Double time after 9 p. m.<sup>10</sup> Work on Labor Day prohibited.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 145

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

**BUILDING TRADES—Continued.**

**PAINTERS: Sign—Concluded.**

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half hol- iday pre- vailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week;			Rate of wages—			
	Per hour.	Per week full time.	For over- time.				Per hour.	Per week full time.		
NORTH CENTRAL—concluded.				Regular rate multi- plied by—						
Indianapolis, Ind.	62.5	27.50	1½	2	8 -4 -44	7	Cents. Dolls.			
Kansas City, Mo.	75.0	33.00	1½	2	8 -4 -44	12	56.3 27.00	1 84-41-48		
Milwaukee, Wis.	62.5	27.50	1½	2	8 -4 -44	12	70.0 30.80	8 -4 -44		
Roadmen.	52.5	23.08	1½	2	8 -4 -44	12				
Minneapolis, Minn.	62.5	27.50	1½	3 1½	8 -4 -44	—	56.3 27.00	8 -8 -48		
Omaha, Nebr.	60.0	26.40	1½	2	8 -4 -44	12	55.0 24.20	8 -4 -44		
Peoria, Ill.	65.0	28.60	1½	2	8 -4 -44	12	55.0 24.20	8 -4 -44		
St. Louis, Mo.	75.0	33.00	2	2	8 -4 -44	12	68.8 30.25	8 -4 -44		
St. Paul, Minn.	62.5	27.50	1½	3 1½	8 -4 -44	—	56.3 27.00	8 -8 -48		
SOUTH CENTRAL.										
Birmingham, Ala.	56.3	24.75	1½	5 2	4 8 -4 -44	12				
Dallas, Tex.	62.5	30.00	7 1½	2	6 8 -8 -48	—				
Louisville, Ky.	62.5	27.50	1½	2	8 -4 -44	3	50.0 24.00	8 -8 -48		
Memphis, Tenn.	62.5	27.50	6 1½	2	8 -4 -44	12	52.5 23.10	8 -4 -44		
WESTERN.										
Butte, Mont.	81.3	35.75	2	2	8 -4 -44	12				
Denver, Colo.	67.5	32.40	1½	2	8 -8 -48	—	62.5 30.00	8 -8 -48		
Los Angeles, Cal.	62.5	27.50	9 1½	2	8 -4 -44	12				
Portland, Oreg.	62.5	27.50	1½	2	8 -4 -44	12				
Salt Lake City, Utah.	68.8	33.00	1½	1½	8 -8 -48	—	62.5 30.00	8 -8 -48		
San Francisco, Cal.	1168.8	30.25	9 1½	2	8 -4 -44	12				
Seattle, Wash.	75.0	33.00	9 1½	2	8 -4 -44	12	62.5 27.50	8 -4 -44		

**PLASTERERS.**

NORTH ATLANTIC.								
Boston, Mass.	70.0	28.00	2	2	8 -0 -40	12 12		
Bridgeport, Conn.	145.0	28.60	2	2	8 -4 -44	12	60.0 26.40	8 -4 -44
Buffalo, N. Y.	145.0	28.60	2	2	8 -4 -44	9	60.0 26.40	145-4-44
Fall River, Mass.	65.0	28.60	1½	1½	8 -4 -44	12	60.0 26.40	8 -4 -44
Manchester, N. H.	60.0	26.40	9 1½	2	8 -4 -44	12		
Newark, N. J.	75.0	33.00	2	2	8 -4 -44	12	70.0 30.80	8 -4 -44
New Haven, Conn.	65.0	28.60	2	2	8 -4 -44	12	60.0 26.40	8 -4 -44
New York, N. Y.	75.0	33.00	2	2	16 8 -4 -44	12		

<sup>1</sup> 8 hours per day, 48 per week, November to April, inclusive.

<sup>2</sup> Also board and traveling expenses.

<sup>3</sup> For holidays, double time.

<sup>4</sup> 48 hours and \$27 per week, October to April, inclusive.

<sup>5</sup> And on Saturday afternoons.

<sup>6</sup> 44 hours and \$27.50 per week, June to August, inclusive.

<sup>7</sup> Double time after 1 a. m.

<sup>8</sup> Double time after midnight and on Saturday afternoons.

<sup>9</sup> Double time after midnight.

<sup>10</sup> Scale became 68.8 cents on June 1, 1917.

<sup>11</sup> Scale became 75 cents on July 16, 1917.

<sup>12</sup> Full holiday on Saturdays.

<sup>13</sup> Scale became 70 cents on Sept. 1, 1917.

<sup>14</sup> Scale became 70 cents on May 21, 1917.

<sup>15</sup> 48 hours and \$28.80 per week, Nov. 15 to Mar. 15, inclusive.

<sup>16</sup> Work on Saturday afternoons prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PLASTERERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.	70.0	28.00	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	<sup>2</sup> <sub>2</sub>	8 -0 -40	<sup>8</sup> <sub>12</sub>	Cents. 65.0	26.00	
Pittsburgh, Pa.	75.0	33.00	2	2	8 -4 -44	12	Dollars. 62.5	27.50	
Providence, R. I.	68.8	27.50	2	2	8 -0 -40	<sup>3</sup> <sub>11</sub>	84	8 -4 -44	
Rochester, N. Y.	70.0	30.80	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	8 -4 -44	12	67.5	29.70	
Scranton, Pa.	65.0	28.60	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	8 -4 -44	12	65.0	28.60	
Springfield, Mass.	70.0	30.80	2	2	8 -4 -44	12	65.0	28.60	
Worcester, Mass.	65.0	28.60	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	8 -4 -44	12	65.0	28.60	
SOUTH ATLANTIC.									
Atlanta, Ga.	545.0	23.85	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	9 -8 -53	—	Dollars. 62.5	27.50	
Baltimore, Md.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50	
Charleston, S. C.	40.0	21.60	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	<sup>6</sup> <sub>9</sub> -8 -53	—	—	8 -4 -44	
Jacksonville, Fla.	56.3	27.00	<sup>7</sup> <sub>1</sub> / <sub>2</sub>	2	8 -8 -48	—	—	8 -4 -44	
Washington, D. C.	70.0	30.80	2	2	8 -4 -44	12	62.5	27.50	
NORTH CENTRAL.									
Chicago, Ill.	75.0	33.00	2	<sup>2</sup> <sub>2</sub>	8 -4 -44	12	—	—	
Cincinnati, Ohio.	75.0	33.38	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	<sup>5</sup> <sub>2</sub>	8 -4 -44 <sup>1</sup> <sub>2</sub>	12	—	—	
Cleveland, Ohio.	75.0	33.00	2	<sup>9</sup> <sub>2</sub>	8 -4 -44	12	68.8	30.25	
Columbus, Ohio.	<sup>10</sup> 70.0	30.80	2	<sup>9</sup> <sub>2</sub>	8 -4 -44	12	65.0	28.60	
Davenport, Iowa, Rock Island and Moline, Ill.	75.0	33.00	2	2	8 -4 -44	12	—	—	
Des Moines, Iowa.	75.0	33.00	2	2	8 -4 -44	12	—	—	
Detroit, Mich.	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	
Grand Rapids, Mich.	70.0	30.80	<sup>11</sup> <sub>1</sub> / <sub>2</sub>	2	8 -4 -44	12	60.0	26.40	
Indianapolis, Ind.	72.0	32.01	2	2	8 -4 -44 <sup>1</sup> <sub>2</sub>	12	68.8	30.59	
Kansas City, Mo.	75.0	33.00	2	<sup>12</sup> <sub>2</sub>	8 -4 -44	12	—	—	
Milwaukee, Wis.	<sup>16</sup> 65.0	28.60	2	<sup>2</sup> <sub>2</sub>	8 -4 -44	12	—	—	
Minneapolis, Minn.	75.0	33.00	2	<sup>2</sup> <sub>2</sub>	8 -4 -44	12	70.0	30.80	
Omaha, Nebr.	75.0	33.00	2	<sup>14</sup> <sub>2</sub>	8 -4 -44	12	—	—	
Peoria, Ill.	75.0	33.00	2	2	8 -4 -44	12	—	—	
St. Louis, Mo.	<sup>17</sup> 75.0	33.00	2	2	8 -4 -44	12	—	—	
St. Paul, Minn.	<sup>18</sup> 70.0	30.80	2	2	8 -4 -44	12	—	—	
Wichita, Kans.	<sup>17</sup> 62.5	27.50	<sup>1</sup> <sub>1</sub> / <sub>2</sub>	2	8 -4 -44	7	( <sup>19</sup> )	( <sup>19</sup> )	
SOUTH CENTRAL.									
Birmingham, Ala.	62.5	27.50	2	2	8 -4 -44	12	—	—	
Dallas, Tex.	87.5	38.50	2	2	8 -4 -44	12	—	—	

<sup>1</sup> Double time after 11 p. m. and on Saturdays.<sup>2</sup> For Sundays; work on holidays prohibited.<sup>3</sup> Full holiday on Saturdays.<sup>4</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>5</sup> Scale became 50 cents on Sept. 3, 1917.<sup>6</sup> Work 53 hours, paid for 54.<sup>7</sup> Double time after 8 p. m.<sup>8</sup> For Sundays; work on holidays and Saturday afternoons prohibited.<sup>9</sup> Work on Saturday afternoons prohibited.<sup>10</sup> Scale became 75 cents on Sept. 1, 1917.<sup>11</sup> Double time after 7:30 p. m.<sup>12</sup> Work on July 4, Labor Day, Thanksgiving, and Christmas prohibited.<sup>13</sup> Scale became 70 cents on Aug. 1, 1917.<sup>14</sup> Work on Labor Day, Thanksgiving, and Christmas prohibited.<sup>15</sup> Scale became 81.3 cents on June 1, 1917.<sup>16</sup> Scale became 75 cents on Sept. 17, 1917.<sup>17</sup> Scale became 75 cents on June 1, 1917.<sup>18</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PLASTERERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—	Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<i>REGULAR RATE MULTIPLIED BY</i>										
SOUTH CENTRAL—concluded.	Cents.	Dolls.					Cents.	Dolls.		
Houston, Tex.	87.5	38.50	2	2	1 8 -4 -44	12	87.5	27.50	2 8 -4 -44	
Little Rock, Ark.	75.0	33.00	1½	2-	8 -4 -44	12	62.5	22.00	8 -4 -44	
Louisville, Ky.	65.0	28.60	2	2	8 -4 -44	12	.....	.....	.....	
Memphis, Tenn.	75.0	33.00	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Nashville, Tenn.	56.3	24.75	1½	2	8 -4 -44	12	50.0	24.00	8 -8 -48	
New Orleans, La.	62.5	28.13	2	2	8 -5 -45	5	.....	.....	.....	
<i>WESTERN.</i>										
Butte, Mont.	100.0	44.00	1½	1½	8 -4 -44	12	.....	.....	.....	
Denver, Colo.	87.5	38.50	1½	3 2	8 -4 -44	12	75.0	33.00	8 -4 -44	
Los Angeles, Cal.	62.5	27.50	1½	2	8 -4 -44	12	75.0	33.00	8 -4 -44	
Portland, Oreg.	75.0	33.00	2	2	8 -4 -44	12	75.0	33.00	8 -4 -44	
Salt Lake City, Utah.	87.5	38.50	2	2	8 -4 -44	12	75.0	33.00	8 -4 -44	
San Francisco, Cal.	87.5	35.00	2	2	8 -0 -40	4 12	.....	.....	.....	
Seattle, Wash.	87.5	35.00	2	2	8 -0 -40	4 12	75.0	30.00	8 -0 -40	
Spokane, Wash.	87.5	38.50	1½	2	8 -4 -44	12	75.0	33.00	8 -4 -44	

## PLASTERERS' LABORERS.

<i>NORTH ATLANTIC.</i>									
Boston, Mass.	45.0	18.00	2	* 2	8 -0 -40	4 12	.....	.....	.....
Newark, N. J.	45.0	19.80	2	* 2	8 -4 -44	12	37.5	16.50	8 -4 -44
New York, N. Y.:									
Union A.	46.9	20.63	2	2	8 -4 -44	12	43.8	19.25	8 -4 -44
Union B, Kings.	743.8	19.25	2	2	8 -4 -44	12	.....	.....	.....
Union C, Queens.	46.9	20.63	1½	2	8 -4 -44	12	40.6	17.88	8 -4 -44
Philadelphia, Pa.	46.9	18.75	8 1½	2	8 -0 -40	4 12	44.0	17.60	8 -0 -40
Pittsburgh, Pa.	45.0	19.80	1½	2	8 -4 -44	12	.....	.....	.....
Rochester, N. Y.	1030.0	13.20	11 3½	2	8 -4 -44	12	.....	.....	.....
Scranton, Pa.	35.0	15.40	1½	2	8 -4 -44	12	.....	.....	.....
Worcester, Mass.	50.0	22.00	1½	2	8 -4 -44	12	40.0	17.60	8 -4 -44
<i>SOUTH ATLANTIC.</i>									
Washington, D. C.	37.5	16.50	1½	2	8 -4 -44	12	31:3	13.75	8 -4 -44
<i>NORTH CENTRAL.</i>									
Chicago, Ill.	50.0	22.00	1½	12 2	8 -4 -44	12	.....	.....	.....
Cincinnati, Ohio.	45.0	20.25	1½	2	8 -5 -45	12	.....	.....	.....
Cleveland, Ohio.	45.0	19.80	1½	12 2	8 -4 -44	12	35.0	15.40	8 -4 -44
Detroit, Mich.	50.0	22.00	1½	12 2	8 -4 -44	12	43.8	19.25	8 -4 -44

<sup>1</sup> Work on Saturday afternoons prohibited.<sup>2</sup> 48 hours and \$30 per week, October to March, inclusive.<sup>3</sup> For Sundays; work on holidays prohibited.<sup>4</sup> Full holiday on Saturdays.<sup>5</sup> Scale became 50 cents on June 1, 1917.<sup>6</sup> For Saturdays, time and one-half.<sup>7</sup> Scale became 46.9 cents on June 1, 1917.<sup>8</sup> Double time after 11 p. m.<sup>9</sup> Scale became 55 cents on June 4, 1917.<sup>10</sup> Scale became 36 cents on July 1, 1917.<sup>11</sup> Rate, in cents, for first hour; time and one-half until midnight; double time thereafter.<sup>12</sup> And on Saturday afternoons.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PLASTERERS' LABORERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays: Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.				Regular rate multiplied by—				
Indianapolis, Ind.	45.0	19.80	1½	2	8 -4 -44	12 42.5	18.70	8 -4 -44
Kansas City, Mo.	50.0	22.00	2	2	8 -4 -44	12 45.0	19.80	8 -4 -44
Milwaukee, Wis.	42.5	20.20	1½	2	8 -8 -48	12 37.5	18.00	8 -8 -48
Minneapolis, Minn.	50.0	22.00	2	2	8 -4 -44	12 45.0	19.80	8 -4 -44
Peoria, Ill.	43.1	18.98	2	2	8 -4 -44	12 40.6	17.88	8 -4 -44
St. Louis, Mo.	56.3	24.75	2	2	8 -4 -44	12 -----	-----	-----
SOUTH CENTRAL.								
Birmingham, Ala.	25.0	11.00	1½	2	8 -4 -44	12 30.0	13.20	8 -4 -44
Louisville, Ky.	42.5	18.70	2	2	8 -4 -44	12 38.0	16.72	8 -4 -44
New Orleans, La.	28.3	12.75	1½	2	8 -5 -45	5 22.5	10.80	8 -8 -48
Tenders	28.3	12.75	1½	2	8 -5 -45	5 32.5	15.60	8 -8 -48
WESTERN.								
Butte, Mont.	68.8	30.25	105c.	105c.	8 -4 -44	12 -----	-----	8 -4 -44
Denver, Colo.	50.0	22.00	1½	2	8 -4 -44	12 43.8	19.25	8 -4 -44
Los Angeles, Cal.	60.0	22.00	1½	2	8 -4 -44	12 56.3	24.75	8 -4 -44
Tenders	50.0	22.00	1½	1½	8 -4 -44	12 -----	-----	-----
Portland, Oreg.	50.0	24.00	2	2	8 -8 -48	12 -----	-----	-----
Salt Lake City, Utah	62.5	27.50	1½	2	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.	50.0	20.00	1½	2	8 -0 -40	8 12 50.0	22.00	8 -4 -44
Spokane, Wash.	62.5	27.50	2	2	8 -4 -44	12 56.3	24.75	8 -4 -44

## PLUMBERS AND GAS FITTERS.

NORTH ATLANTIC.								
Boston, Mass.: Plumbers.	68.8	30.25	2	2	8 -4 -44	12 65.0	28.60	8 -4 -44
Gas fitters.	65.0	28.60	2	2	8 -4 -44	12 60.0	26.40	8 -4 -44
Bridgeport, Conn.	54.5	24.00	10 1	2	8 -4 -44	12 -----	-----	-----
Buffalo, N. Y.	62.5	30.00	1½	2	11 8 -8 -48	3 56.3	12 27.00	12 8 -8 -48
Fall River, Mass.	50.0	22.00	2	2	8 -4 -44	12 -----	-----	-----
Manchester, N. H.	47.7	21.00	1½	1½	8 -4 -44	12 -----	-----	-----
Newark, N. J.	62.5	27.50	2	2	8 -4 -44	12 -----	-----	-----
New Haven, Conn.	54.5	24.00	10 1	2	8 -4 -44	12 -----	-----	-----
New York, N. Y.: Manhattan, Bronx, and Brooklyn.	148.8	30.25	2	2	8 -4 -44	12 -----	-----	-----
Queens.	162.5	27.50	2	2	8 -4 -44	12 -----	-----	-----
Richmond.	68.8	30.25	2	2	8 -4 -44	12 53.1	23.38	8 -4 -44

<sup>1</sup> Double time after 7 p. m.<sup>2</sup> Scale became 45.6 cents on Nov. 1, 1917.<sup>3</sup> Scale became 62.5 cents on June 18, 1917.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Rate, in cents, per hour, for Sundays; for holidays, \$1.40 per hour.<sup>6</sup> For Sundays: work on holidays prohibited.<sup>7</sup> Double time after 10 p. m.<sup>8</sup> Full holiday on Saturdays.<sup>9</sup> Scale became 62.5 cents on July 16, 1917.<sup>10</sup> Double time after 6 p. m.<sup>11</sup> Scale became 44 hours on June 1, 1917.<sup>12</sup> 44 hours and \$24.75 per week, June to August, inclusive.<sup>13</sup> Scale became 50 cents on July 1, 1917.<sup>14</sup> Scale became 59.1 cents on Sept. 1, 1917.<sup>15</sup> Scale became 75 cents on July 2, 1917.<sup>16</sup> Scale became 68.8 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PLUMBERS AND GAS FITTERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—concluded.</b>										
Philadelphia, Pa.: Union A.....	Cents. 56.3	Dolls. 24.75	2	2	8 -4 -44	12	Cents. 50.0	Dolls. 22.00	8 -4 -44	
Unions B and C.....	56.3	24.75	2	2	8 -4 -44	12	43.8	19.25	8 -4 -44	
Pittsburgh, Pa.....	75.0	33.00	1½	1 2	8 -4 -44	12	68.8	30.25	8 -4 -44	
Providence, R. I.....	62.5	27.50	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44	
Rochester, N. Y.....	59.4	26.13	1½	2	8 -4 -44	12	56.3	24.75	8 -4 -44	
Scranton, Pa.....	53.8	23.38	2	2	8 -4 -44	12	.....	.....	.....	
Springfield, Mass.....	59.1	26.00	2	2	8 -4 -44	12	.....	.....	.....	
Worcester, Mass.: Plumbers.....	60.0	26.40	2	2	8 -4 -44	12	56.3	24.75	8 -4 -44	
Gas fitters.....	64.0	18.00	2	2	8 -4 -44	12	.....	.....	.....	
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.....	44.4	24.00	1½	2	6 9 -8 -53	.....	.....	.....	.....	
Baltimore, Md.....	56.3	24.75	2	2	8 -4 -44	10	50.0	24.00	8 -8 -48	
Charleston, S. C.....	50.0	24.00	7 1½	2	8 -8 -48	.....	43.8	21.00	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	12	.....	.....	.....	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.....	75.0	33.00	9 2	2	8 -4 -44	12	.....	.....	.....	
Cincinnati, Ohio.....	65.6	28.87	7 1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Cleveland, Ohio.....	1075.0	33.00	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
Columbus, Ohio.....	62.5	30.00	1½	2	8 -8 -48	.....	56.3	27.00	8 -8 -48	
Davenport, Iowa.....	62.5	27.50	1½	2	8 -4 -44	12	.....	.....	.....	
Des Moines, Iowa.....	68.8	30.25	1½	2	8 -4 -44	12	65.6	28.88	8 -4 -44	
Detroit, Mich.....	1068.8	30.25	12 1	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Grand Rapids, Mich.....	56.3	24.75	7 1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Indianapolis, Ind.....	67.5	29.70	1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Kansas City, Mo.....	75.0	33.00	2	2	8 -4 -44	12	.....	.....	.....	
Milwaukee, Wis.....	62.5	27.50	7 1½	1 2	8 -4 -44	12	.....	.....	.....	
Minneapolis, Minn.....	1062.5	27.50	7 1½	2	8 -4 -44	12	.....	.....	.....	
Moline, Ill.....	68.8	30.25	1½	1 2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Omaha, Nebr.....	75.0	33.00	2	2	8 -4 -44	12	68.3	30.03	8 -4 -44	
Peoria, Ill.....	70.0	30.80	1½	1 2	8 -4 -44	12	66.3	29.15	8 -4 -44	
Rock Island, Ill.....	68.2	30.00	1½	1 ½	8 -4 -44	12	.....	.....	.....	
St. Louis, Mo.: Plumbers.....	75.0	33.00	2	2	8 -4 -44	12	.....	.....	.....	
Gas fitters.....	75.0	33.00	2	2	8 -4 -44	12	66.3	29.15	8 -4 -44	
St. Paul, Minn.....	1062.5	27.50	7 1½	1 2	8 -4 -44	12	.....	.....	.....	
Wichita, Kans.....	62.5	30.00	1½	1 ½	8 -8 -48	.....	60.0	25.20	8 -8 -48	
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.....	75.0	33.00	7 1½	2	8 -4 -44	12	.....	.....	.....	
Dallas, Tex.....	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	8 -4 -44	

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Double time on Saturday after 8 p. m.<sup>3</sup> Scale became 56.3 cents on Aug. 1, 1917.<sup>4</sup> Scale became 61.4 cents on July 1, 1917.<sup>5</sup> Scale became 54.5 cents on June 1, 1917.<sup>6</sup> Work 53 hours, paid for 54.<sup>7</sup> Double time after midnight.<sup>8</sup> Scale became 62.5 cents on June 4, 1917.<sup>9</sup> Time and one-half on Saturday from noon to 5 p. m.<sup>10</sup> Scale became 81.3 cents on Sept. 1, 1917.<sup>11</sup> Scale became 75 cents on Sept. 1, 1917.<sup>12</sup> Double time after first hour.<sup>13</sup> Scale became 68.8 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## PLUMBERS AND GAS FITTERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays, Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>SOUTH CENTRAL—concluded.</b>									
Houston, Tex.	75.0	33.00	2	2	8 -4 -44	12	Cents.	Dolls.	
Little Rock, Ark.	68.8	30.25	1 2	2	8 -4 -44	6	62.5	27.50	
Louisville, Ky.	60.0	26.40	1 2	3 2	8 -4 -44	12	.....	.....	
Memphis, Tenn.	62.5	30.00	4 1 2	2	8 -8 -48	.....	.....	.....	
Nashville, Tenn.	50.0	23.50	4 1 2	2	8 -7 -47	.....	.....	.....	
New Orleans, La.	56.3	27.00	2	2	8 -8 -48	.....	.....	.....	
<b>WESTERN.</b>									
Butte, Mont.	100.0	48.00	2	2	8 -8 -48	.....	.....	.....	
Denver, Colo.	75.0	33.00	2	2	8 -4 -44	12	62.5	27.50	
Los Angeles, Cal.	62.5	30.00	2	2	8 -8 -48	.....	56.3	27.00	
Portland, Oreg.	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.	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	
Seattle, Wash.	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	
Spokane, Wash.	75.0	33.00	1 2	2	8 -4 -44	12	62.5	27.50	

## SHEET-METAL WORKERS.

NORTH ATLANTIC.								
Boston, Mass.:								
Building work.	60.0	26.40	2	2	8 -4 -44	12	.....	.....
Railroad shops.	734.0	18.36	1 2	1 2	8 9 -8 -53	.....	31.0	16.74
Bridgeport, Conn.	54.5	24.00	9 1 2	2	8 -4 -44	12	.....	.....
Buffalo, N. Y.	1050.0	124.00	12 1 2	2	11 8 -8 -48	3	.....	.....
Fall River, Mass.	43.8	19.25	2	2	8 -4 -44	12	37.5	16.50
Manchester, N. H.	34.4	16.50	1 2	1 2	8 -8 -48	.....	.....	.....
Newark, N. J.	62.5	27.50	2	2	8 -4 -44	12	60.0	26.40
New Haven, Conn.:								
Building work.	54.5	24.00	2	2	8 -4 -44	12	50.0	22.00
Railroad shops.	181.5	17.00	1 2	1 2	8 9 -8 -53	.....	30.0	16.20
New York, N. Y.:								
Manhattan, Bronx, Brook- lyn, and Queens.	62.5	27.50	14 1 2	2	8 -4 -44	12	.....	.....
Richmond.	62.5	27.50	2	2	8 -4 -44	12	50.0	24.00
Philadelphia, Pa.	56.3	24.75	4 1 2	2	8 -4 -44	12	50.0	22.00
Pittsburgh, Pa.	160.0	26.40	1 2	2	8 -4 -44	12	.....	.....

<sup>1</sup> Time and one-half on Saturday afternoons.<sup>2</sup> 48 hours and \$30 per week, November to April, inclusive.<sup>3</sup> And on Saturday after 5 p. m.<sup>4</sup> Double time after midnight.<sup>5</sup> Scale became 56.3 cents and 44 hours, on June 1, 1917.<sup>6</sup> And on Saturday afternoons.<sup>7</sup> Scale became 37 cents on June 1, 1917.<sup>8</sup> Work 53 hours, paid for 54.<sup>9</sup> Double time after 6 p. m.<sup>10</sup> Scale became 53.1 cents on Sept. 1, and 56.3 cents on Nov. 1, 1917.<sup>11</sup> 44 hours and \$22 per week, June to August, inclusive.<sup>12</sup> Double time after 9 p. m.<sup>13</sup> Scale became 34.5 cents on June 1, 1917.<sup>14</sup> Double time after midnight and on Saturday afternoons.<sup>15</sup> Scale became 70 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## SHEET-METAL WORKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—concluded.										
Providence, R. I.	52.0	22.88	1½	2	8 - 4 - 44	12	Cents. 50.0	Dolls. 22.00	8 - 4 - 44	
Rochester, N. Y.	250.0	22.00	3 1½	2	8 - 4 - 44	12				
Scranton, Pa.	450.0	22.00	1½	2	8 - 4 - 44	12	46.9	20.63	8 - 4 - 44	
Springfield, Mass.	54.5	24.00	2	2	8 - 4 - 44	12				
Worcester, Mass.	50.0	22.00	1 1½	2	8 - 4 - 44	12	44.3	19.50	8 - 4 - 44	
SOUTH ATLANTIC.										
Atlanta, Ga.:										
Building work.	33.3	16.67	1½	2	5 9 - 5 - 50	5				
Railroad shops, road A	38.0	20.52	1½	1½	9 - 9 - 54					
Railroad shops, road A, foremen.	40.0	21.60	1½	1½	9 - 9 - 54					
Railroad shops, road B.	41.0	22.14	1½	1½	9 - 9 - 54					
Railroad shops, road G.	42.0	29.40	1½	1½	10 - 10 - 70					
Baltimore, Md.	645.0	21.80	1½	2	8 - 8 - 48		40.0	19.20	8 - 8 - 44	
Jacksonville, Fla.—Railroad shops.	39.5	21.33	1½	1½	9 - 9 - 54					
Richmond, Va.:										
Building work.	41.9	20.11	1½	2	8 - 8 - 48		(?)	(?)	(?)	
Railroad shops, roads A and C.	32.0	17.28	1½	1½	9 - 9 - 54					
Railroad shops, road B.	36.0	19.44	1½	1½	9 - 9 - 54					
Washington, D. C.	856.3	25.03	1½	2	8 - 4½ - 44½	12	50.0	22.25	8 - 4½ - 44½	
NORTH CENTRAL.										
Chicago, Ill.:										
Building work.	70.0	30.80	2	2	8 - 4 - 44	12				
Shopmen.	60.0	26.40	9 1½	2	8 - 4 - 44	12	57.5	25.30	8 - 4 - 44	
Automobile shopmen.	52.8	26.11	9 1½	2	9 - 43 - 49½	12	50.0	24.75	9 - 43 - 49½	
Cincinnati, Ohio.	50.0	24.00	1½	2	8 - 8 - 48		50.0	22.00	8 - 4 - 44	
Cleveland, Ohio.	1060.0	24.60	11 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Columbus, Ohio.	37.5	18.00	1½	1½	8 - 8 - 48					
Davenport, Iowa, Moline and Rock Island, Ill.	1240.0	1319.20	1½	2	13 8 - 8 - 48	3				
Des Moines, Iowa.	57.5	25.30	11 1½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Detroit, Mich.	60.0	26.40	1½	2	8 - 4 - 44	11	50.0	24.00	8 - 8 - 48	
Indianapolis, Ind.:										
Building work.	57.5	25.30	1½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Railroad shops, road B.	35.0	18.90	1½	1½	9 - 9 - 54		31.5	17.01	9 - 9 - 54	
Railroad shops, road C.	1437.5	23.63	1½	1½	9 - 9 - 63		34.5	21.74	9 - 9 - 63	

<sup>1</sup> Double time after 9 p. m.<sup>2</sup> Scale became 56.3 cents on July 2, 1917.<sup>3</sup> Double time after midnight, and on Saturday after 8 p. m.<sup>4</sup> Scale became 53.1 cents on Sept. 1, 1917.<sup>5</sup> 54 hours and \$18 per week, July to January, inclusive.<sup>6</sup> Scale became 50 cents on July 1, 1917.<sup>7</sup> No scale in effect on May 15, 1916.<sup>8</sup> Scale became 62.5 cents on Aug. 1, 1917.<sup>9</sup> Double time after 10 p. m. and on Saturday afternoons.<sup>10</sup> Scale became 65 cents on May 21, and 70 cents on Oct. 1, 1917.<sup>11</sup> Double time after midnight.<sup>12</sup> Scale became 55 cents and 44 hours, on June 15, 1917.<sup>13</sup> 44 hours and \$17.60 per week, July to September, inclusive.<sup>14</sup> Scale became 47 cents on July 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## SHEET-METAL WORKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
NORTH CENTRAL—concluded.										
Kansas City, Mo.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Building work.....	1 62.5	27.50	2 1/2	3 2	8 -4 -44	12	37.0	17.76	8 -8 -48	
Railroad shops, road B.....	42.5	20.40	1 1/2	1 1/2	8 -8 -48	.....	37.0	17.76	8 -8 -48	
Railroad shops, road D.....	39.5	18.96	1 1/2	1 1/2	8 -8 -48	.....	37.0	17.76	8 -8 -48	
Railroad shops, road E.....	40.0	21.55	1 1/2	1 1/2	4 9 -8 -53	.....	37.0	19.94	4 9 -8 -53	
Railroad shops, road E, night.....	40.0	23.20	1 1/2	1 1/2	6 9 3/4 -9 3/4 -58	.....	37.0	22.20	5 9 3/4 -9 3/4 -58	
Railroad shops, road F.....	38.0	20.14	1 1/2	1 1/2	4 9 -8 -53	.....	35.0	18.85	4 9 -8 -53	
Railroad shops, road H.....	40.0	21.60	1 1/2	1 1/2	9 -9 -54	.....	37.0	19.98	9 -9 -54	
Railroad shops, road I.....	40.0	21.60	1 1/2	1 1/2	9 -9 -54	.....	38.0	20.52	9 -9 -54	
Milwaukee, Wis.:										
Building work.....	52.5	25.20	6 1/2	2	7 8 -8 -48	3	50.0	24.00	7 8 -8 -48	
Railroad shops, car department.....	8 30.5	16.17	1 1/2	1 1/2	9 -9 -53	.....	28.0	11.20	8 -0 -40	
Railroad shops, locomotive department.....	1933.5	17.09	1 1/2	1 1/2	11 9 -5 -50	5	31.0	12.40	8 -0 -40	
Minneapolis, Minn. ....	1250.0	24.00	6 1/2	2	12 8 -8 -48	.....	.....	.....	.....	
Omaha, Nebr. ....	50.0	22.00	1 1/2	1 1/2	8 -4 -44	12	42.5	18.70	8 -4 -44	
Peoria, Ill. ....	1930.0	22.00	1 1/2	3 2	8 -4 -44	10	35.0	21.60	8 -8 -48	
St. Louis, Mo.:										
Building work.....	62.5	27.50	1 1/2	2	8 -4 -44	12	60.0	26.40	8 -4 -44	
Railroad shops, road A.....	39.0	21.06	1 1/2	1 1/2	9 -9 -54	.....	36.0	19.44	9 -9 -54	
Railroad shops, road B.....	140.0	21.55	1 1/2	1 1/2	4 9 -8 -53	.....	37.0	19.94	4 9 -8 -53	
Railroad shops, road C.....	1542.0	22.68	1 1/2	1 1/2	15 9 -9 -54	.....	37.5	20.25	9 -9 -54	
Railroad shops, road F.....	1642.0	22.68	1 1/2	1 1/2	9 -9 -54	.....	37.0	19.98	9 -9 -54	
Railroad shops, road G.....	52.5	25.20	2	2	8 -8 -48	.....	.....	.....	.....	
Railroad shops, road H.....	1738.0	20.48	1 1/2	1 1/2	4 9 -8 -53	.....	28.0	15.09	4 9 -8 -53	
St. Paul, Minn. ....	150.0	22.00	2 1/2	2	8 -4 -44	12	45.0	21.60	8 -8 -48	
Wichita, Kans. ....	56.3	27.00	6 1/2	2	8 -8 -48	.....	50.0	24.00	8 -8 -48	
SOUTH CENTRAL.										
Birmingham, Ala.:										
Building work.....	50.0	22.00	6 1/2	2	8 -4 -44	12	.....	.....	.....	
Railroad shops, roads B, E, and F.....	41.0	22.14	1 1/2	1 1/2	9 -9 -54	.....	.....	.....	.....	
Railroad shops, road C.....	47.0	25.38	1 1/2	1 1/2	9 -9 -54	.....	39.0	21.06	9 -9 -54	
Railroad shops, road D.....	40.5	21.87	1 1/2	1 1/2	9 -9 -54	.....	.....	.....	.....	
Dallas, Tex. ....	68.5	30.14	6 1/2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Houston, Tex. ....	1862.5	27.50	1 1/2	3 2	8 -4 -44	12	.....	.....	.....	

<sup>1</sup> Scale became 65 cents on June 5, 1917.<sup>2</sup> Double time after midnight and on Saturday afternoons.<sup>3</sup> And on Saturday afternoons.<sup>4</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>5</sup> Work 58 hours, paid for 60.<sup>6</sup> Double time after midnight.<sup>7</sup> 44 hours per week, June 15 to Sept. 15, inclusive.<sup>8</sup> Scale became 40 cents on June 13, 1917.<sup>9</sup> Work 53 hours, paid for 54.<sup>10</sup> Scale became 41 cents on June 13, 1917.<sup>11</sup> Work 47 hours, paid for 48, October to April, inclusive.<sup>12</sup> Scale became 66.3 cents and 44 hours on June 1, 1917.<sup>13</sup> Scale became 57.5 cents on June 18, 1917.<sup>14</sup> Scale became 50 cents on June 27, 1917.<sup>15</sup> Scale became 52 cents on July 1, 1917, and 48 hours on Sept. 1, 1917.<sup>16</sup> Scale became 47 cents on June 1, 1917.<sup>17</sup> Scale became 46 cents on June 1, 1917; rate to increase 1 cent per hour per month until rate is 52 cents.<sup>18</sup> Scale became 68.8 cents on Aug. 1, and 75 cents on Dec. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## SHEET-METAL WORKERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
SOUTH CENTRAL—concluded.										
Little Rock, Ark.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Building work.....	60.0	28.80	1½	2	8-8-48		52.5	25.20	8-8-48	
Railroad shops, road A.....	38.5	20.75	1½	1½	19-8-53		38.0	20.48	19-8-53	
Railroad shops, road B.....	41.0	22.09	1½	1½	19-8-53		45.0	19.80	8-4-44	
Louisville, Ky.....	47.5	20.90	4 1½	2	8-4-44	12				
Memphis, Tenn.:										
Building work.....	53.1	25.50	4 1½	2	8-8-48		50.0	24.00	8-8-48	
Railroad shops.....	42.5	22.95	1½	1½	9-9-54		40.0	21.60	9-9-54	
Nashville, Tenn.....	30.0	14.40	1½	1½	8-8-48					
New Orleans, La.....	45.0	19.80	4 1½	2	8-4-44	3	40.0	19.20	8-8-48	
WESTERN.										
Butte, Mont.....	87.5	38.50	1½	6 2	8-4-44	12				
Denver, Colo.:										
Building work.....	62.5	27.50	4 1½	2	8-4-44	12	56.3	24.75	8-4-44	
Railroad shops, road A.....	43.5	20.88	1½	1½	8-8-48		42.0	20.16	8-8-48	
Railroad shops, road B.....	50.0	24.00	1½	1½	8-8-48		42.0	20.16	8-8-48	
Railroad shops, road C.....	43.5	20.88	1½	1½	8-8-48		42.0	20.16	8-8-48	
Los Angeles, Cal.....	56.3	24.75	8 1½	2	8-4-44	12				
Portland, Oreg.....	65.6	28.88	4 1½	2	8-4-44	12	56.3	24.75	8-4-44	
Salt Lake City, Utah.:										
Building work.....	62.5	27.50	1½	6 2	8-4-44	12				
Railroad shops.....	45.5	21.84	1½	1½	8-8-48		44.0	21.12	8-8-48	
San Francisco, Cal.....	75.0	33.00	2	2	8-4-44	12	68.8	30.25	8-4-44	
Seattle, Wash.....	68.8	30.25	4 1½	2	8-4-44	12	62.5	27.50	8-4-44	
Ship yards.....	105.0	42.50	2	2	8-8-48					
Spokane, Wash.....	65.6	31.50	1½	1½	8-8-48		56.3	27.00	8-8-48	

## SHIP CARPENTERS.

NORTH ATLANTIC.									
Boston.....	56.3	27.00	2	2	8-8-48		50.0	24.00	8-8-48
New York.....	53.1	25.50	2	2	8-8-48		50.0	24.00	8-8-48
Philadelphia, Pa.....	49.0	23.52	1½ 1½	2	8-8-48		(18)	(18)	(18)
SOUTH ATLANTIC.									
Charleston, S. C.....	39.7	21.45	2	2	14 9-5-50	12	33.3	18.00	14 9-5-50
NORTH CENTRAL.									
St. Louis, Mo.:									
Inside.....	50.0	22.00	2	2	8-4-44	12			
Outside.....	56.3	24.75	2	2	8-4-44	12			
WESTERN.									
Portland, Oreg.....	62.5	30.00	2	2	8-8-48		50.0	24.00	8-8-48
Seattle, Wash.....	62.5	30.00	2	2	8-8-48		56.3	27.00	8-8-48

<sup>1</sup> Work 53 hours, paid for 53 hours and 53 minutes.

<sup>2</sup> Scale became 50 cents on June 27, 1917.

<sup>3</sup> Scale became 50 cents on July 2, 1917.

<sup>4</sup> Double time after midnight.

<sup>5</sup> Scale became 50 cents on Sept. 1, 1917.

<sup>6</sup> And on Saturday afternoons.

<sup>7</sup> Scale became 50 cents on June 1, 1917.

<sup>8</sup> Double time after midnight and on Saturday afternoons.

<sup>9</sup> Scale became 52 cents on June 1, 1917.

<sup>10</sup> Scale became 68.8 cents on Sept. 1, 1917.

<sup>11</sup> Scale became 56.3 cents on June 1, 1917.

<sup>12</sup> Double time after 10 p. m.

<sup>13</sup> No scale in effect on May 15, 1916.

<sup>14</sup> Work 50 hours, paid for 54.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## SLATE AND TILE ROOFERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<i>NORTH ATLANTIC.</i>										
Bridgeport, Conn.	56.3	24.75	1½	2	8-4-44	12	Cents.	Dolls.		
Buffalo, N. Y.	55.0	26.40	1½	2	8-8-48					
Newark, N. J.	68.8	30.25	2	(2)	8-4-44	12				
New Haven, Conn.	62.5	27.50	1½	2	8-4-44	12				
New York, N. Y.	68.8	30.25	2	2	8-4-44	12				
Philadelphia, Pa.	62.5	27.50	1½	2	8-4-44	12	56.3	24.75	8-4-44	
Pittsburgh, Pa.	62.5	27.50	1½	2	8-4-44	12	60.0	26.40	8-4-44	
Providence, R. I.	52.0	22.88	5 1½	2	8-4-44	12	50.0	22.00	8-4-44	
Scranton, Pa.	46.9	22.50	1½	2	8-8-48	12	40.6	19.50	8-8-48	
<i>SOUTH ATLANTIC.</i>										
Baltimore, Md.	50.0	24.00	1½	2	8-8-48	3				
Washington, D. C.	62.5	27.50	1½	(7)	8-4-44	12	56.3	25.03	8-4-44	
<i>NORTH CENTRAL.</i>										
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	1½	2	8-4-44	4				
Cleveland, Ohio.	80.0	35.20	1½	2	8-4-44	12	70.0	35.60	8-8-48	
Detroit, Mich.	62.5	30.00	10 1½	2	9-8-48	4	50.0	24.00	11 8-8-48	
Kansas City, Mo.	162.5	75.00	13 1½	2	8-4-44	12				
Milwaukee, Wis.	52.5	125.20	16 1½	2	14-8-48	3	50.0	24.00	16 8-8-48	
St. Louis, Mo.	75.0	33.00	1½	2	8-4-44	12	70.0	30.80	8-4-44	
<i>SOUTH CENTRAL.</i>										
Dallas, Tex.	68.8	30.25	15 1½	2	8-4-44	12	62.5	27.50	8-4-44	
<i>WESTERN.</i>										
San Francisco, Cal.	62.5	27.50	1½	2	8-4-44	12				

## STEAM FITTERS.

<i>NORTH ATLANTIC.</i>									
Boston, Mass.	162.5	27.50	2	2	8-4-44	12			
Bridgeport, Conn.	154.5	24.00	10 1	2	8-4-44	12			
Buffalo, N. Y.	62.5	30.00	15 1½	2	19-8-48	3	56.3	27.00	20 8-8-48
Fall River, Mass.	50.0	22.00	2	2	8-4-44	12	43.8	19.25	8-4-44

<sup>1</sup> Scale became 62.5 cents on July 15, 1917.<sup>2</sup> Do not work on Sundays or holidays.<sup>3</sup> Scale became 65 cents on June 1, 1917.<sup>4</sup> Work on July 4, Labor Day, and Christmas prohibited.<sup>5</sup> Double time after 9 p. m.<sup>6</sup> 45 hours and \$22.50 per week, June to August, inclusive.<sup>7</sup> For Sundays, July 4, Labor Day, and Christmas, double time; for other holidays, time and one-half.<sup>8</sup> Scale became 60 cents on June 1, 1917.<sup>9</sup> 44 hours and \$27.50 per week, May to August, inclusive.<sup>10</sup> Double time after 6 p. m.<sup>11</sup> 44 hours and \$22 per week, May to August, inclusive.<sup>12</sup> Scale became 65 cents on June 5, 1917.<sup>13</sup> Double time after midnight and on Saturday afternoons.<sup>14</sup> 44 hours and \$23.10 per week, June 16 to Sept. 15 inclusive.<sup>15</sup> Double time after midnight.<sup>16</sup> 44 hours and \$22 per week, June 16 to Sept. 15, inclusive.<sup>17</sup> Scale became 68.8 cents on Sept. 1, 1917.<sup>18</sup> Scale became 62.5 cents on July 15, 1917.<sup>19</sup> Scale became 44 hours per week on June 1, 1917.<sup>20</sup> 44 hours and \$24.75 per week June to August, inclusive.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 155

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

**BUILDING TRADES**—Continued.

**STEAM FITTERS**—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC—concluded.</b>									
Manchester, N. H.	47.7	21.00	1½	1½	8 -4 -44	12	Cents. 43.8	Dolls. 21.00	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.	54.5	24.00	1	2	8 -4 -44	12	.....	.....	.....
New York, N. Y.	68.8	30.25	2	2	8 -4 -44	12	.....	.....	.....
Philadelphia, Pa.	55.3	24.75	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Pittsburgh, Pa.	75.0	33.00	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44
Providence, R. I.	65.0	24.20	2	2	8 -4 -44	12	50.0	22.00	8 -4 -44
Rochester, N. Y.	59.4	26.13	7 1½	2	8 -4 -44	12	56.3	24.75	8 -4 -44
Scranton, Pa.	56.3	24.75	2	2	8 -4 -44	11	53.1	25.50	8 -8 -48
Springfield, Mass.	54.5	24.00	2	2	8 -4 -44	12	.....	.....	.....
Worcester, Mass.	1047.7	21.00	2	2	8 -4 -44	12	.....	.....	.....
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.	44.4	24.00	1½	2	11 9 -8 -53	.....	.....	.....	.....
Baltimore, Md.	55.3	27.00	12 1½	1½ 2	8 -8 -48	.....	.....	.....	.....
Charleston, S. C.	50.0	24.00	14 1½	2	8 -8 -48	43.8	21.00	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.	62.5	27.50	2	2	8 -4 -44	12	57.5	25.30	8 -4 -44
<b>NORTH CENTRAL.</b>									
Chicago, Ill.	75.0	33.00	2	2	8 -4 -44	12	.....	.....	.....
Sprinkler fitters.	89.0	35.20	2	2	8 -4 -44	12	75.0	33.00	8 -4 -44
Cincinnati, Ohio.	62.5	27.50	15 1½	2	8 -4 -44	12	.....	.....	.....
Cleveland, Ohio.	68.8	30.25	15 1½	2	8 -4 -44	12	.....	.....	.....
Columbus, Ohio.	62.5	30.00	1½	2	8 -8 -48	.....	56.3	27.00	8 -8 -48
Des Moines, Iowa.	68.8	30.25	1½	2	8 -4 -44	12	65.6	28.88	8 -4 -44
Detroit, Mich.	168.8	80.25	17 2	2	8 -4 -44	12	52.5	27.50	8 -4 -44
Grand Rapids, Mich.	56.3	24.75	14 1½	2	8 -4 -44	12	59.0	22.00	8 -4 -44
Indianapolis, Ind.	167.5	29.70	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44
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	.....	.....	.....
Milwaukee, Wis.	153.4	76.13	15 1½	2	8 -4 -44	12	56.3	24.75	8 -4 -44
Sprinkler fitters.	62.5	27.50	2	2	8 -4 -44	12	.....	.....	.....
Minneapolis, Minn.	2062.5	27.50	2	2	8 -4 -44	12	.....	.....	.....
Omaha, Nebr.	75.0	33.00	1½	2	8 -4 -44	12	68.3	30.03	8 -4 -44
Peoria, Ill.	66.3	29.15	2	2	8 -4 -44	12	.....	.....	.....
Sprinkler fitters.	50.0	22.00	2	2	8 -4 -44	12	.....	.....	.....

<sup>1</sup> Scale became 59.1 cents on Sept. 1, 1917.

<sup>2</sup> Double time after 6 p. m.

<sup>3</sup> Scale became 75 cents on July 1, 1917.

<sup>4</sup> Scale became 62.5 cents on June 1, 1917.

<sup>5</sup> And on Saturday afternoons.

<sup>6</sup> Scale became 65 cents on Sept. 1, 1917.

<sup>7</sup> Double time after midnight and on Saturday after 8 p. m.

<sup>8</sup> 44 hours and \$22.38 per week, June to August, inclusive.

<sup>9</sup> Scale became 56.8 cents on July 17, 1917.

<sup>10</sup> Scale became \$4.6 cents on June 1, 1917.

<sup>11</sup> Work 58 hours, paid for 54.

<sup>12</sup> Double time on Saturdays after completion of 8-hour day.

<sup>13</sup> For Labor Day regular rate multiplied by 4.

<sup>14</sup> Double time after midnight.

<sup>15</sup> Double time after midnight and on Saturday afternoons.

<sup>16</sup> Scale became 75 cents on Sept. 1, 1917.

<sup>17</sup> For first hour, single time.

<sup>18</sup> Scale became 68.8 cents on Aug. 1, 1917.

<sup>19</sup> Scale became 62.5 cents on Oct. 1, 1917.

<sup>20</sup> Scale became 68.8 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## STEAM FITTERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL—concluded.</b>									
St. Louis, Mo.	75.0	33.00	2	2	8 -4 -44	12	Cents.	Dolls.	
St. Paul, Minn.	62.5	30.00	2 1/2	2	8 -8 -48	-----			
Wichita, Kans.	62.5	30.00	1 1/2	1 1/2	8 -8 -48	3	60.0	28.80	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.	75.0	33.00	1 1/2	2	8 -4 -44	12			
Dallas, Tex.	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	
Houston, Tex.	75.0	33.00	2	2	8 -4 -44	12			
Little Rock, Ark.	68.8	30.25	2	2	8 -4 -44	6	62.5	27.50	
Louisville, Ky.	55.0	24.20	2	2	8 -4 -44	12			
Memphis, Tenn.	62.5	27.50	6 1/2	2	8 -4 -44	12			
Nashville, Tenn.	56.3	24.75	1 1/2	2	8 -4 -44	12	50.0	24.00	
New Orleans, La.	56.3	27.00	2	2	8 -8 -48	-----			
<b>WESTERN.</b>									
Butte, Mont.	100.0	44.00	2	2	8 -4 -44	12			
Denver, Col.	75.0	33.00	2	2	8 -4 -44	12	62.5	27.50	
Los Angeles, Cal.	62.5	30.00	2	2	8 -8 -48	-----	56.3	27.00	
Portland, Oreg.	75.0	33.00	2	2	8 -4 -44	12			
Sprinkler fitters.	56.3	24.75	2	2	8 -4 -44	12			
Salt Lake City, Utah	75.0	33.00	2	2	8 -4 -44	12			
San Francisco, Cal.	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	
Sprinkler fitters.	75.0	33.00	2	2	8 -4 -44	12			
Seattle, Wash.	81.3	35.75	2	2	8 -4 -44	12	75.0	33.00	
Spokane, Wash.	75.0	33.00	1 1/2	2	8 -4 -44	12	62.5	27.50	

## STEAM FITTERS' HELPERS.

NORTH ATLANTIC.								
Boston, Mass.	734.4	15.13	2	2	8 -4 -44	12		
Bridgeport, Conn.	34.4	15.13	8 1/2	2	8 -4 -44	12		
Buffalo, N. Y.	31.3	15.00	2 1/2	2	8 -8 -48	3	25.0	1012.00
Fall River, Mass.	28.1	12.38	2	2	8 -4 -44	12		
Newark, N. J.	37.5	16.50	2	2	8 -4 -44	12	33.1	14.58
New Haven, Conn.	34.0	14.96	2	2	8 -4 -44	12	25.0	11.00
New York, N. Y.	110.0	17.60	2	12 2	8 -4 -44	12	37.5	16.50
Philadelphia, Pa.	182.5	14.30	2	2	8 -4 -44	12	28.1	12.38
Sprinkler fitters' helpers.	32.5	14.30	2	2	8 -4 -44	12	28.3	12.43

<sup>1</sup> Scale became 68.8 cents and 44 hours on July 1, 1917.<sup>2</sup> Double time after midnight.<sup>3</sup> 44 hours and \$27.50 per week, June 15 to Sept. 15, inclusive.<sup>4</sup> 48 hours and \$30 per week, November to April, inclusive.<sup>5</sup> Scale became 60 cents on Aug. 4, 1917.<sup>6</sup> Double time after 6 p. m. and on Saturday afternoons.<sup>7</sup> Scale became 42.5 cents on Sept. 1, 1917.<sup>8</sup> Double time after 6 p. m.<sup>9</sup> Scale became 44 hours on June 1, 1917.<sup>10</sup> 44 hours and \$11 per week, June to August, inclusive.<sup>11</sup> Scale became 42.5 cents on July 1, 1917.<sup>12</sup> And on Saturday afternoons.<sup>13</sup> Scale became 37.5 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## STEAM FITTERS' HELPERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages				Hours—Full day; Saturdays; Full week.		Rate of wages			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
NORTH ATLANTIC—concluded.					Regular rate multiplied by—					
Pittsburgh, Pa.	43.8	19.25	2	<sup>1</sup> <sub>2</sub>	8 -4 -44	12	37.5	16.50	8 -4 -44	
Providence, R. I.	231.3	13.75	2	2	8 -4 -44	12	25.0	12.00	8 -8 -48	
Scranton, Pa.	31.3	13.75	2	2	8 -4 -44	11	27.3	12.00	8 -4 -44	
Springfield, Mass.	31.8	14.00	2	2	8 -4 -44	12	.....	.....	.....	
Worcester, Mass.	30.7	13.50	2	2	8 -4 -44	12	.....	.....	.....	
SOUTH ATLANTIC.										
Baltimore, Md.	31.3	15.00	<sup>6</sup> <sub>1</sub> <sub>2</sub>	<sup>6</sup> <sub>2</sub>	8 -8 -48	.....	.....	.....	.....	
Washington, D. C.	30.0	13.20	2	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	<sup>7</sup> <sub>1</sub> <sub>2</sub>	2	8 -4 -44	12	.....	.....	.....	
Cleveland, Ohio.	34.4	15.13	<sup>9</sup> <sub>1</sub> <sub>2</sub>	2	8 -4 -44	12	.....	.....	.....	
Detroit, Mich.	34.4	15.13	2	2	8 -4 -44	12	31.3	13.75	8 -4 -44	
Indianapolis, Ind.	33.8	14.85	2	2	8 -4 -44	12	31.3	13.75	8 -4 -44	
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.	31.3	13.75	<sup>7</sup> <sub>1</sub> <sub>2</sub>	2	8 -4 -44	12	28.1	12.38	8 -4 -44	
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.	31.3	13.75	<sup>1</sup> <sub>2</sub>	2	8 -4 -44	12	28.1	12.38	8 -4 -44	
Peoria, Ill.	37.5	16.50	2	2	8 -4 -44	12	36.3	15.95	8 -4 -44	
St. Louis, Mo.	43.8	19.25	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
St. Paul, Minn.	35.0	16.80	<sup>9</sup> <sub>1</sub> <sub>2</sub>	2	11 8 -8 -48	.....	.....	.....	.....	
SOUTH CENTRAL.										
Dallas, Tex.	40.0	17.60	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Louisville, Ky.	122.5	12.10	2	2	8 -4 -44	12	.....	.....	.....	
Memphis, Tenn.	31.3	13.75	<sup>18</sup> <sub>1</sub>	2	8 -4 -44	12	.....	.....	.....	
WESTERN.										
Butte, Mont.	46.9	20.63	2	2	8 -4 -44	12	43.8	19.25	8 -4 -44	
Denver, Colo.	37.5	16.50	2	2	8 -4 -44	12	31.3	13.75	8 -4 -44	
Portland, Oreg.	37.5	16.50	2	2	8 -4 -44	12	.....	.....	.....	
Salt Lake City, Utah.	431.3	13.75	2	2	8 -4 -44	12	.....	.....	.....	
San Francisco, Cal.	43.8	19.25	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	
Sprinkler fitters' helpers.	37.5	16.50	2	2	8 -4 -44	12	.....	.....	.....	
Seattle, Wash.	43.8	19.25	2	2	8 -4 -44	12	37.5	16.50	8 -4 -44	

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Scale became 43.8 cents on Sept. 1, 1917.<sup>3</sup> 44 hours and \$11 per week, June to August, inclusive.<sup>4</sup> Scale became 33 cents on June 1, 1917.<sup>5</sup> Double time on Saturdays after completion of 8-hour day.<sup>6</sup> For Labor Day regular rate multiplied by 4.<sup>7</sup> Double time after midnight and on Saturday afternoons.<sup>8</sup> Scale became 40 cents on July 1, 1917.<sup>9</sup> Double time after midnight.<sup>10</sup> Scale became 35 cents on July 1, 1917.<sup>11</sup> Scale became 44 hours on July 1, 1917.<sup>12</sup> Scale became 30 cents on Aug. 4, 1917.<sup>13</sup> Double time after 6 p. m., and on Saturday afternoons.<sup>14</sup> Scale became 37.5 cents on June 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## STONE MASONS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<i>REGULAR RATE MULTIPLIED BY</i>										
<b>NORTH ATLANTIC.</b>	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>		
Boston, Mass.	170.0	30.80	2	2	8-4-44	12	65.0	28.60	8-4-44	
Bridgeport, Conn.	265.0	28.60	2	2	8-4-44	12	60.0	26.40	8-4-44	
Buffalo, N. Y.	65.0	31.20	1½	2	8-8-48	3	55.0	26.40	8-8-48	
Fall River, Mass.	65.0	28.60	1½	1½	8-4-44	12	60.0	26.40	8-4-44	
Newark, N. J.	75.0	33.00	2	2	8-4-44	12	70.0	30.80	8-4-44	
New Haven, Conn.	60.0	26.40	2	2	8-4-44	12	55.0	24.20	8-4-44	
New York, N. Y.	62.5	27.50	2	2	8-4-44	12	.....	.....	.....	
Laying cement blocks and dressed stone	75.0	33.00	2	2	8-4-44	12	.....	.....	.....	
Philadelphia, Pa.	60.0	26.40	1½	2	8-4-44	12	55.0	24.20	8-4-44	
Pittsburgh, Pa.	65.0	28.60	1½	2	8-4-44	12	62.5	27.50	8-4-44	
Providence, R. I.	70.0	30.80	1½	2	8-4-44	12	65.0	28.60	8-4-44	
Foundation work	50.0	22.00	1½	2	8-4-44	12	45.0	19.80	8-4-44	
Rochester, N. Y.	70.0	30.80	8 ½	2	8-4-44	12	67.5	29.70	8-4-44	
Scranton, Pa.	60.0	28.80	1½	2	8-8-48	.....	50.0	24.00	8-8-48	
Laying dressed stone	65.0	31.20	1½	2	8-8-48	.....	60.0	28.80	8-8-48	
Springfield, Mass.	70.0	30.80	2	2	8-4-44	12	65.0	28.60	8-4-44	
Worcester, Mass.	65.0	28.60	1½	2	8-4-44	12	55.0	24.20	8-4-44	
<i>SOUTH ATLANTIC.</i>										
Atlanta, Ga.	60.0	30.00	1½	2	9-5-50	12	50.0	25.00	10 9-5-50	
Baltimore, Md.	62.5	27.50	1½	2	8-4-44	12	62.5	28.13	11 8-5-45	
Washington, D. C.	70.0	31.50	1½	2	12 8-5-45	12	.....	.....	.....	
<i>NORTH CENTRAL.</i>										
Chicago, Ill.	75.0	33.00	1½	2	8-4-44	12	.....	.....	.....	
Cincinnati, Ohio	65.0	29.25	1½	2	8-5-45	12	60.0	27.00	8-5-45	
Cleveland, Ohio	75.0	33.00	1½	2	8-4-44	12	70.0	30.80	8-4-44	
Concrete block work	60.0	26.40	1½	2	8-4-44	12	.....	.....	.....	
Columbus, Ohio	70.0	30.80	1½	2	8-4-44	12	.....	.....	.....	
Davenport, Iowa, Moline and Rock Island, Ill.	75.0	33.00	1½	2	8-4-44	12	65.0	28.60	8-4-44	
Detroit, Mich.	75.0	33.00	1½	2	14 8-4-44	9	70.0	30.80	15 8-4-44	
Grand Rapids, Mich.	70.0	30.80	1½	2	8-4-44	12	65.0	28.60	8-4-44	
Indianapolis, Ind.	70.0	30.80	8 ½	2	8-4-44	12	.....	.....	.....	
Kansas City, Mo.	62.5	27.50	1½	2	8-4-44	12	.....	.....	.....	
Milwaukee, Wis.	72.5	31.90	2	2	16 8-4-44	12	67.5	29.70	8-4-44	
Minneapolis, Minn.	70.0	30.80	1½	2	17 8-4-44	5	65.0	28.60	18 8-4-44	
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.	70.0	30.80	2	2	8-4-44	12	.....	.....	.....	
St. Paul, Minn.	65.0	31.20	1½	2	8-8-48	.....	.....	.....	.....	
Wichita, Kans.	62.5	27.50	2	2	8-4-44	12	.....	.....	.....	

<sup>1</sup> Scale became 75 cents on Aug. 1, 1917.<sup>2</sup> Scale became 70 cents on Sept. 1, 1917.<sup>3</sup> 44 hours and \$28.60 per week, June to August, inclusive.<sup>4</sup> 44 hours and \$24.20 per week, June to August, inclusive.<sup>5</sup> Scale became 65 cents on Nov. 1, 1917.<sup>6</sup> Scale became 67.5 cents on July 15, 1917.<sup>7</sup> And on Saturday afternoons.<sup>8</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>9</sup> And on Saturday after 5 p. m.<sup>10</sup> 53 hours and \$26.50 per week, October to April, inclusive.<sup>11</sup> 44 hours and \$27.50 per week, November to March, inclusive.<sup>12</sup> 44½ hours and \$31.15 per week, November to April, inclusive.<sup>13</sup> Scale became 80 cents on June 1, 1917.<sup>14</sup> 48 hours and \$36 per week, December to February, inclusive.<sup>15</sup> 48 hours and \$33.60 per week, December to February, inclusive.<sup>16</sup> Work on Saturday afternoons prohibited.<sup>17</sup> 48 hours and \$33.60 per week, October to April, inclusive.<sup>18</sup> 48 hours and \$31.20 per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

STONE MASONS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week		Rate of wages—	Hours—Full day; Saturdays; Full week	
	Per hour.	Per week full time.	For overtime.			Per hour.		
SOUTH CENTRAL.				Regular rate multiplied by				
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.	87.5	38.50	1½	2	8 -4 -44	5	62.5 227.50	
Louisville, Ky.	60.0	26.40	1½	1 ½	8 -4 -44	12		
Laying dressed stone.	65.0	28.60	1½	2	8 -4 -44	12		
Nashville, Tenn.	60.0	26.40	1½	2	8 -4 -44	12		
New Orleans, La.	62.5	27.50	3 ½	2	8 -4 -44	12		
WESTERN.								
Butte, Mont.	100.0	48.00	1½	1 ½	8 -8 -48	...		
Denver, Colo.	75.0	33.00	1½	2	8 -4 -44	12	62.5 27.50	
Portland, Oreg.	75.0	33.00	1½	4 ½	8 -4 -44	12		
Salt Lake City, Utah.	62.5	27.50	1½	1 ½	8 -4 -44	12		
Seattle, Wash.	81.3	35.75	1½	2	8 -4 -44	12	75.0 33.00	
Spokane, Wash.	87.5	38.50	1½	2	8 -4 -44	12	75.0 33.00	

## STRUCTURAL-IRON WORKERS.

NORTH ATLANTIC.								
Boston, Mass.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50
Bridgeport, Conn.	62.5	27.50	1½	1 ½	8 -4 -44	12		
Buffalo, N. Y.	62.5	30.00	1½	2	8 -8 -48	4		
Newark, N. J.	97.25	31.90	2	2	8 -4 -44	12	68.8	30.25
New Haven, Conn.	62.5	27.50	1½	1 ½	8 -4 -44	12		
New York, N. Y.:								
Brooklyn and Queens	1066.3	29.15	1½	2	8 -4 -44	12	62.5	27.50
Manhattan, Bronx, and Richmond	68.8	30.25	2	2	8 -4 -44	12	66.3	29.15
Philadelphia, Pa.	70.0	30.80	11 ½	2	8 -4 -44	12	60.0	26.40
Pittsburgh, Pa.	70.0	30.80	12 ½	2	8 -4 -44	12	62.5	27.50
Providence, R. I.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50
Rochester, N. Y.	68.8	30.25	1½	2	8 -4 -44	12	62.5	27.50
Scranton, Pa.	62.5	30.00	1½	4 ½	13 8 -8 -48	4		
Worcester, Mass.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50
SOUTH ATLANTIC.								
Atlanta, Ga.	62.5	27.50	1½	1 ½	8 -4 -44	12		
Baltimore, Md.	62.5	27.50	1½	1 ½	8 -4 -44	12		
Richmond, Va.	62.5	27.50	1½	1 ½	8 -4 -44	12		
Washington, D. C.	70.0	30.80	1½	2	8 -4 -44	12	62.5	27.50

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> 48 hours and \$30 per week, October to April, inclusive.<sup>3</sup> Double time after midnight.<sup>4</sup> Double time on holidays.<sup>5</sup> Scale became 87.5 cents on Aug. 1, 1917.<sup>6</sup> Scale became 68.8 cents on June 1, 1917.<sup>7</sup> Scale became 65 cents on June 1, 1917.<sup>8</sup> 44 hours and \$28.60 per week, June to September, inclusive.<sup>9</sup> Scale became 75 cents on July 1, 1917.<sup>10</sup> Scale became 68.8 cents on July 1, 1917.<sup>11</sup> Double time after first hour.<sup>12</sup> Double time from 6 p. m. to 7 a. m.<sup>13</sup> 44 hours and \$27.50 per week, June to September, inclusive.<sup>14</sup> And on Saturday afternoons, June to September, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

BUILDING TRADES—Continued.  
STRUCTURAL-IRON WORKERS—Concluded.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—						Rate of wages—			
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.....	169.0	\$30.36	3 $\frac{1}{2}$	2	8 -4 -44	8	68.0	*29.92		
Cincinnati, Ohio.....	65.0	28.60	1 $\frac{1}{2}$	2	8 -4 -44	12	62.5	27.81		
Cleveland, Ohio.....	80.0	35.20	2	.2	6 *8 -4 -44	12	70.0	30.80		
Columbus, Ohio.....	76.0	26.40	1 $\frac{1}{2}$	.2	8 -4 -44	12	.....	8 -4 -44		
Davenport, Iowa, Moline and Rock Island, Ill.....	62.5	27.50	8 $\frac{1}{2}$	.2	8 -4 -44	12	.....	.....		
Des Moines, Iowa.....	62.5	29.00	1 $\frac{1}{2}$	2	9 *8 -4 -48	3	56.3	*27.00		
Detroit, Mich.....	1165.0	28.60	2	.2	8 -4 -44	12	.....	.....		
Indianapolis, Ind.....	75.0	33.00	1 $\frac{1}{2}$	2	13 *8 -4 -44	12	70.0	30.80		
Kansas City, Mo.....	68.8	30.25	1 $\frac{1}{2}$	.2	8 -4 -44	12	.....	.....		
Milwaukee, Wis.....	62.5	*27.50	15 $\frac{1}{2}$	2	14 *8 -4 -44	6	.....	.....		
Minneapolis, Minn.....	162.5	27.50	1 $\frac{1}{2}$	2	16 *8 -4 -44	4	.....	.....		
Omaha, Nebr.....	68.8	*270.25	15 $\frac{1}{2}$	2	17 *8 -4 -44	6	65.0	*28.60		
Peoria, Ill.....	62.5	27.50	15 $\frac{1}{2}$	2	8 -4 -44	12	.....	.....		
St. Louis, Mo.....	70.0	30.80	3 $\frac{1}{2}$	2	8 -4 -44	12	67.5	29.70		
St. Paul, Minn.....	162.5	30.00	3 $\frac{1}{2}$	2	16 *8 -8 -48	4	.....	.....		
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.....	62.5	27.50	19 $\frac{1}{2}$	2	8 -4 -44	12	.....	.....		
Dallas, Tex.....	67.5	29.70	3 $\frac{1}{2}$	20	8 -4 -44	12	.....	.....		
Houston, Tex.....	2162.5	27.50	1 $\frac{1}{2}$	2	8 -4 -44	12	.....	.....		
Reinforced concrete.....	56.3	24.75	1 $\frac{1}{2}$	2	8 -4 -44	12	.....	.....		
Louisville, Ky.....	60.0	26.40	1 $\frac{1}{2}$	.2	8 -4 -44	12	50.0	22.00		
Memphis, Tenn.....	65.0	28.60	3 $\frac{1}{2}$	2	8 -4 -44	12	.....	8 -4 -44		
New Orleans, La.....	62.5	27.50	1 $\frac{1}{2}$	.2	8 -4 -44	12	.....	.....		
<b>WESTERN.</b>										
Butte, Mont.....	2275.0	36.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 -8 -48	.....	.....	.....		
Denver, Colo.....	70.0	30.80	1 $\frac{1}{2}$	.2	8 -4 -44	12	62.5	27.50		
Los Angeles, Cal.....	50.0	24.00	15 $\frac{1}{2}$	2	8 -8 -48	.....	.....	.....		
Portland, Ore.....	70.0	30.80	1 $\frac{1}{2}$	.2	8 -4 -44	12	62.5	27.50		
Reinforced concrete.....	62.5	27.50	1 $\frac{1}{2}$	.2	8 -4 -44	12	56.3	24.75		
Salt Lake City, Utah.....	68.8	30.25	5 $\frac{1}{2}$	2	8 -4 -44	12	62.5	27.50		
San Francisco, Cal.....	75.0	33.00	15 $\frac{1}{2}$	2	8 -4 -44	12	.....	8 -4 -44		
Seattle, Wash.....	75.0	33.00	15 $\frac{1}{2}$	2	8 -4 -44	12	62.5	27.50		
Reinforced concrete.....	62.5	27.50	16 $\frac{1}{2}$	2	8 -4 -44	12	56.3	24.75		
Spokane, Wash.....	75.0	33.00	1 $\frac{1}{2}$	.2	8 -4 -44	12	62.5	27.50		
Reinforced concrete.....	62.5	27.50	1 $\frac{1}{2}$	.2	8 -4 -44	12	56.3	24.75		

<sup>1</sup> Scale became 70 cents on May 31, 1917.<sup>2</sup> 48 hours and \$33.60 per week, December to March, inclusive.<sup>3</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>4</sup> 48 hours and \$33.12 per week, December to March, inclusive.<sup>5</sup> And on Saturday afternoons.<sup>6</sup> Work 7 hours, paid for 8, when working 3 shifts.<sup>7</sup> Scale became 65 cents on July 1, 1917.<sup>8</sup> Double time after 2 hours.<sup>9</sup> 44 hours and \$27.50 per week, June to August, inclusive.<sup>10</sup> 44 hours and \$24.75 per week, June to August, inclusive.<sup>11</sup> Scale became 70 cents on Sept. 1, 1917.<sup>12</sup> Work on Labor Day prohibited.<sup>13</sup> Work on Saturday afternoons prohibited.<sup>14</sup> 48 hours and \$30 per week, November to April, inclusive.<sup>15</sup> Double time after 7 p. m.<sup>16</sup> Scale became 68.8 cents and 44 hours on June 1, 1917.<sup>17</sup> 48 hours and \$33 per week, November to April, inclusive.<sup>18</sup> 48 hours and \$31.20 per week, November to April, inclusive.<sup>19</sup> Double time after midnight.<sup>20</sup> Triple time for Labor Day.<sup>21</sup> Scale became 67.5 cents on Sept. 1, 1917.<sup>22</sup> Scale became 87.5 cents on Oct. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## STRUCTURAL-IRON WORKERS: Finishers.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC.</b>										
Boston, Mass.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Bridgeport, Conn.	162.5	27.50	1½	2	8 -4 -44	12	.....	.....	.....	
Buffalo, N. Y.	72.5	30.00	1½	2	3 8 -8 -48	4	.....	.....	.....	
Newark, N. J.	162.5	31.90	2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
New Haven, Conn.	162.5	27.50	1½	2	8 -4 -44	12	.....	.....	.....	
New York, N. Y.	66.3	29.15	1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Philadelphia, Pa.	70.0	30.80	6 1½	2	8 -4 -44	12	60.0	26.40	8 -4 -44	
Pittsburgh, Pa.	75.0	28.60	8 1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Providence, R. I.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Rochester, N. Y.	68.8	30.25	1½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Scranton, Pa.	62.5	30.00	1½	10 2	9 8 -8 -48	4	.....	.....	.....	
Worcester, Mass.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.	62.5	27.50	1½	2 2	8 -4 -44	12	.....	.....	.....	
Baltimore, Md.	62.5	27.50	1½	2 2	8 -4 -44	12	.....	.....	.....	
Richmond, Va.	62.5	27.50	1½	2 2	8 -4 -44	12	.....	.....	.....	
Washington, D. C.	70.0	30.80	1½	2 2	8 -4 -44	12	62.5	27.50	8 -4 -44	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.	70.0	30.80	11 1½	2	8 -4 -44	12	.....	.....	.....	
Cincinnati, Ohio.	59.0	25.96	1½	2 2	8 -4 -44	12	56.3	25.03	8 -4 -44	
Cleveland, Ohio.	80.0	35.20	2	2	12 8 -8 -44	4	70.0	30.80	8 -4 -44	
Detroit, Mich.	1365.0	28.60	2	2	8 -4 -44	12	.....	.....	.....	
Indianapolis, Ind.	75.0	33.00	1½	14 2	15 8 -8 -44	12	70.0	30.80	8 -4 -44	
Kansas City, Mo.	68.8	30.25	1½	2 2	8 -4 -44	12	.....	.....	.....	
Milwaukee, Wis.	62.5	127.50	17 1½	2	16 8 -8 -44	6	.....	.....	.....	
Minneapolis, Minn.	62.5	127.50	1½	2	18 8 -8 -44	4	.....	.....	.....	
Omaha, Nebr.	68.8	1930.25	17 1½	2	19 8 -8 -44	6	65.0	1628.60	16 8 -4 -44	
Peoria, Ill.	62.5	27.50	17 1½	2	8 -4 -44	12	67.5	29.70	8 -4 -44	
St. Louis, Mo.	70.0	30.80	11 1½	2	8 -4 -44	12	67.5	29.70	8 -4 -44	
St. Paul, Minn.	262.5	30.00	17 1½	2	20 8 -8 -48	4	.....	.....	.....	
<b>SOUTH CENTRAL.</b>										
Louisville, Ky.	60.0	26.40	1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
New Orleans, La.	62.5	27.50	1½	2	8 -4 -44	12	.....	.....	.....	

<sup>1</sup> Scale became 68.8 cents on June 1, 1917.<sup>2</sup> And on Saturday afternoons.<sup>3</sup> Scale became 65 cents on June 1; 44 hours and \$28.60 per week, June to September, inclusive.<sup>4</sup> Scale became 75 cents on July 1, 1917.<sup>5</sup> Scale became 68.8 cents on Sept. 1, 1917.<sup>6</sup> Double time after first hour.<sup>7</sup> Scale became 70 cents on June 1, 1917.<sup>8</sup> Double time from 6 p. m. to 7 a. m.<sup>9</sup> 44 hours and \$27.50 per week, June to September, inclusive.<sup>10</sup> And on Saturday afternoons, June to September, inclusive.<sup>11</sup> Double time after 7 p. m. and on Saturday afternoons.<sup>12</sup> Work 7 hours, paid for 8, when working 3 shifts.<sup>13</sup> Scale became 70 cents on Sept. 1, 1917.<sup>14</sup> Work on Labor Day prohibited.<sup>15</sup> Work on Saturday afternoons prohibited.<sup>16</sup> 48 hours and \$30 per week, November to April, inclusive.<sup>17</sup> Double time after 7 p. m.<sup>18</sup> 48 hours and \$30 per week, September to April, inclusive. Scale became 44 hours on June 1, 1917.<sup>19</sup> 48 hours and \$33 per week, November to April, inclusive.<sup>20</sup> Scale became 68.8 cents and 44 hours on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## STRUCTURAL-IRON WORKERS: Finishers—Concluded.

Geographical division and city.	May 15, 1917.					Mos. dur-ing year end-ing May 15, 1917, Saturday half-holiday pre-vailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WESTERN.</b>										
Denver, Colo.....	70.0	30.80	1½	1 2	8 -4 -44	12	Cents.	Dolls.	8 -4 -44	
Los Angeles, Cal.....	50.0	24.00	2 ½	2	8 -8 -48	-----	62.5	27.50	-----	
Portland, Ore.....	70.0	30.80	1 ½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Salt Lake City, Utah.....	68.8	30.25	1 ½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
San Francisco, Cal.....	62.5	27.50	2	2	8 -4 -44	12	-----	-----	-----	
Seattle, Wash.....	75.0	33.00	3 ½	2	8 -4 -44	12	62.5	27.50	8 -4 -44	

## STRUCTURAL-IRON WORKERS: Finishers' helpers.

	NORTH ATLANTIC.	Cents.	Dolls.	Regular rate multiplied by—		Hours—Full day; Saturdays; Full week.	Per hour.	Cents.	Dolls.	Hours—Full day; Saturdays; Full week.
				Per hour.	Per week full time.					
Boston, Mass.....	50.0	22.00	2	2	8 -4 -44	12	45.0	19.80	8 -4 -44	-----
Bridgeport, Conn.....	44.0	17.60	1½	1 2	8 -4 -44	12	-----	-----	-----	-----
Buffalo, N. Y.....	35.0	16.80	1½	2	8 -8 -48	4	-----	-----	-----	-----
Newark, N. J.....	45.0	22.00	2	2	8 -4 -44	12	-----	-----	-----	-----
New Haven, Conn.....	40.0	17.60	1½	1 2	8 -4 -44	12	-----	-----	-----	-----
New York, N. Y.....	47.5	20.90	1½	2	8 -4 -44	12	43.8	19.25	8 -4 -44	-----
Philadelphia, Pa.....	50.0	22.00	8 ½	2	8 -4 -44	12	45.0	19.80	8 -4 -44	-----
Pittsburgh, Pa.....	47.5	20.90	10 ½	1 2	8 -4 -44	12	45.0	19.80	8 -4 -44	-----
Rochester, N. Y.....	37.5	16.50	1½	2	8 -4 -44	12	34.4	15.13	8 -4 -44	-----
Worcester, Mass.....	50.0	22.00	2	2	8 -4 -44	12	45.0	19.80	8 -4 -44	-----
<b>SOUTH ATLANTIC.</b>										
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	-----	-----	-----	-----
Richmond, Va.....	35.0	15.40	1½	1 2	8 -4 -44	12	-----	-----	-----	-----
Washington, D. C.....	40.0	17.60	1½	1 2	8 -4 -44	12	35.0	15.40	8 -4 -44	-----
<b>NORTH CENTRAL.</b>										
Cincinnati, Ohio.....	37.5	16.50	1½	1 2	8 -4 -44	12	35.0	15.58	8 -4 -44	-----
Cleveland, Ohio.....	45.0	19.80	2	2	12 8 -4 -44	12	40.0	17.60	8 -4 -44	-----
Detroit, Mich.....	40.0	17.60	2	2	8 -4 -44	12	-----	-----	-----	-----
<b>SOUTH CENTRAL.</b>										
Memphis, Tenn.....	35.0	15.40	18 ½	2	8 -4 -44	12	-----	-----	-----	-----
<b>WESTERN.</b>										
San Francisco, Cal.: Inside.....	37.5	18.00	2	2	8 -8 -48	-----	33.3	18.00	9 -9 -54	-----
Outside.....	37.5	16.50	2	2	8 -4 -44	12	-----	-----	-----	-----

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Double time after 7 p. m.<sup>3</sup> Double time after midnight.<sup>4</sup> Scale became 55 cents on June 1, 1917.<sup>5</sup> Scale became 40 cents on June 1, 1917.<sup>6</sup> 44 hours and \$17.60 per week, June to September, inclusive.<sup>7</sup> Scale became 50 cents on Sept. 1, 1917.<sup>8</sup> Double time after first hour.<sup>9</sup> Scale became 50 cents on June 1, 1917.<sup>10</sup> Double time after 6 p. m.<sup>11</sup> Scale became 43.8 cents on July 1, 1917.<sup>12</sup> Work 7 hours, paid for 8, when working 3 shifts.<sup>13</sup> Double time after 7 p. m. and on Saturday afternoons.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Continued.

## TILE LAYERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC.</b>										
Boston, Mass.	75.0	30.00	2	2	8 -0 -40	1 12	63.8	30.25	8 -4 -44	
Bridgeport, Conn.	68.8	30.25	2	2	8 -4 -44	12	.....	.....	.....	
Buffalo, N. Y.	60.0	28.80	2 1/2	2	8 -8 -48	3	.....	.....	.....	
Newark, N. J.	68.8	30.25	2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
New York, N. Y.	75.0	33.00	2	2	8 -4 -44	12	63.8	30.25	8 -4 -44	
Philadelphia, Pa.	67.5	29.70	1 1/2	2	8 -4 -44	12	65.0	28.60	8 -4 -44	
Pittsburgh, Pa.	65.0	28.60	1 1/2	2	8 -4 -44	12	.....	.....	.....	
Providence, R. I.	62.5	27.50	1 1/2	2	8 -4 -44	12	.....	.....	.....	
Rochester, N. Y.	60.0	26.40	3 1/2	2	8 -4 -44	12	.....	.....	.....	
Scranton, Pa.	60.0	26.40	1 1/2	2	8 -4 -44	12	57.5	25.30	8 -4 -44	
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md.	56.3	27.00	1 1/2	2	8 -8 -48	.....	50.0	24.00	8 -8 -48	
Washington, D. C.	62.5	27.50	1 1/2	2	8 -4 -44	12	56.3	24.75	8 -4 -44	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.	75.0	33.00	1 1/2	4 2	8 -4 -44	12	.....	.....	.....	
Cincinnati, Ohio.	68.8	30.25	2	2	8 -4 -44	12	.....	.....	.....	
Cleveland, Ohio.	65.0	28.60	1 1/2	2	8 -4 -44	12	.....	.....	.....	
Des Moines, Iowa.	71.9	31.63	1 1/2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
Detroit, Mich.	68.8	30.25	1 1/2	2	8 -4 -44	7	60.0	28.80	2 8 -8 -48	
Grand Rapids, Mich.	62.5	27.50	1 1/2	2	8 -4 -44	12	.....	.....	.....	
Indianapolis, Ind.	68.8	30.25	3 1/2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Kansas City, Mo.	75.0	33.00	9 1/2	2	8 -4 -44	12	.....	.....	.....	
Milwaukee, Wis.	65.0	28.60	1 1/2	2	8 -4 -44	12	.....	.....	.....	
Minneapolis, Minn.	68.8	30.25	1 1/2	2	8 -4 -44	12	65.6	28.88	8 -4 -44	
Omaha, Nebr.	71.9	31.63	9 1/2	2	8 -4 -44	12	68.8	30.25	8 -4 -44	
St. Louis, Mo.	68.8	30.25	1 1/2	2	8 -4 -44	12	.....	.....	.....	
St. Paul, Minn.	68.8	30.25	1 1/2	2	8 -4 -44	12	65.6	28.88	8 -4 -44	
<b>SOUTH CENTRAL.</b>										
Dallas, Tex.	75.0	36.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	
Little Rock, Ark.	62.5	27.50	1 1/2	2	8 -4 -44	12	.....	.....	.....	
<b>WESTERN.</b>										
Butte, Mont.	100.0	48.00	1 1/2	1 1/2	8 -8 -48	.....	.....	.....	.....	
Denver, Colo.	70.0	30.80	9 1/2	2	8 -4 -44	12	62.5	27.50	8 -4 -44	
Los Angeles, Cal.	1156.3	27.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	
Portland, Oreg.	68.8	33.00	1 1/2	2	8 -8 -48	.....	.....	.....	.....	
Salt Lake City, Utah.	68.8	30.25	1 1/2	2	8 -4 -44	12	.....	.....	.....	
San Francisco, Cal.	75.0	33.00	2	2	8 -4 -44	12	.....	.....	.....	
Seattle, Wash.	75.0	36.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	

<sup>1</sup> Full holiday on Saturdays.<sup>2</sup> 44 hours and \$26.40 per week, June to August, inclusive.<sup>3</sup> Double time after midnight.<sup>4</sup> And on Saturday afternoons.<sup>5</sup> Work on Saturday afternoons prohibited.<sup>6</sup> Scale became 68.8 cents on Oct. 1, 1917.<sup>7</sup> Scale became 75 cents on Aug. 1, 1917.<sup>8</sup> 48 hours and \$33 per week, November to March, inclusive.<sup>9</sup> Double time after midnight and on Saturday afternoons.<sup>10</sup> Scale became 71.9 cents on June 1 and 75 cents on Nov. 1, 1917.<sup>11</sup> Scale became 62.5 cents on Aug. 15, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## BUILDING TRADES—Concluded.

## TILE LAYERS' HELPERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Cents.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<i>NORTH ATLANTIC.</i>										
Boston, Mass.	41.3	16.50	2	2	8-0-40	12	Cents.	Dolls.	8-4-44	
Bridgeport, Conn.	41.3	18.15	2	2	8-4-44	12	37.5	16.50	8-8-48	
Buffalo, N. Y.	31.3	15.00	4 1/2	2	8-8-48	3	30.0	14.40	8-8-48	
Newark, N. J.	40.6	17.88	2	2	8-4-44	12	37.5	16.50	8-4-44	
New York, N. Y.	40.6	17.88	2	2	8-4-44	12	30.0	13.20	8-4-44	
Philadelphia, Pa.	40.5	17.82	1 1/2	2	8-4-44	12	39.0	17.60	8-4-44	
Pittsburgh, Pa.	37.5	16.50	1 1/2	2	8-4-44	12	36.3	15.95	8-4-44	
Providence, R. I.	34.4	15.13	1 1/2	2	8-4-44	12	30.0	13.20	8-4-44	
Rochester, N. Y.	31.3	13.75	4 1/2	2	8-4-44	12	30.0	13.20	8-4-44	
Scranton, Pa.	30.0	13.20	1 1/2	2	8-4-44	12	.....	.....	.....	
<i>SOUTH ATLANTIC.</i>										
Washington, D. C.	31.3	13.75	1 1/2	2	8-4-44	12	25.0	11.00	8-4-44	
<i>NORTH CENTRAL.</i>										
Chicago, Ill.	43.8	19.25	1 1/2	6 2	8-4-44	12	.....	.....	.....	
Cincinnati, Ohio.	37.5	16.50	1 1/2	2	8-4-44	12	.....	.....	.....	
Cleveland, Ohio.	34.4	15.13	1 1/2	10 2	8-4-44	12	.....	.....	.....	
Des Moines, Iowa.	40.6	17.88	1 1/2	2	8-4-44	12	37.5	16.50	8-4-44	
Detroit, Mich.	37.5	16.50	1 1/2	2	11 8-4-44	7	31.3	15.00	8-8-48	
Grand Rapids, Mich.	31.3	13.75	1 1/2	2	8-4-44	12	.....	.....	.....	
Indianapolis, Ind.	35.0	15.40	4 1/2	2	8-4-44	12	31.3	13.75	8-4-44	
Kansas City, Mo.	37.5	16.50	12 1/2	2	8-4-44	12	.....	.....	.....	
Milwaukee, Wis.	37.5	16.50	1 1/2	2	8-4-44	12	.....	.....	.....	
Minneapolis, Minn.	34.4	15.13	1 1/2	6 2	8-4-44	12	.....	.....	.....	
Omaha, Nebr.	40.0	17.60	12 1/2	2	8-4-44	12	37.5	16.50	8-4-44	
St. Louis, Mo.	37.5	16.50	1 1/2	6 2	8-4-44	12	.....	.....	.....	
St. Paul, Minn.	34.4	15.13	1 1/2	6 2	8-4-44	12	.....	.....	.....	
<i>WESTERN.</i>										
Denver, Colo.	37.5	16.50	12 1/2	2	8-4-44	12	34.4	15.13	8-4-44	
Los Angeles, Cal.	31.3	15.00	4 1/2	2	8-8-48	.....	.....	.....	.....	
Portland, Oreg.	40.6	19.50	1 1/2	2	8-8-48	.....	.....	.....	.....	
Salt Lake City, Utah.	34.4	15.13	1 1/2	2	8-4-44	12	.....	.....	.....	
San Francisco, Cal.	37.5	16.50	2	2	8-4-44	12	.....	.....	.....	
Seattle, Wash.	42.4	21.00	2	2	8-1-49 1/2	.....	37.5	18.00	8-8-48	

<sup>1</sup> Scale became 43.8 cents on June 1, 1917.<sup>2</sup> Full holiday on Saturdays.<sup>3</sup> 44 hours and \$13.75 per week, June to August, inclusive.<sup>4</sup> Double time after midnight.<sup>5</sup> 44 hours and \$13.20 per week, January to August, inclusive.<sup>6</sup> And on Saturday afternoons.<sup>7</sup> Work on Saturday afternoons prohibited.<sup>8</sup> Scale became 37.5 cents on July 1, 1917.<sup>9</sup> Scale became 37.5 cents on Aug. 1, 1917.<sup>10</sup> Time and one-half on Saturday afternoons.<sup>11</sup> 48 hours and \$18 per week, November to March, inclusive.<sup>12</sup> Double time after midnight and on Saturday afternoons.<sup>13</sup> Scale became 40.6 cents on June 1 and 43.8 cents on Nov. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS.

## CHAUFFEURS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.	Cents. 25.0	Dolls. 15.75	Regular rate multiplied by— <sup>1</sup> 30c.	1	9 - 9 - 63		Cents.	Dolls.	
Extra.	25.0	14.00	<sup>1</sup> 23 <sup>1</sup> 4c	1	8 - 8 - 56				
Building material.	238.0	19.00	<sup>1</sup> 40c.	2	9 - 5 - 50				
Electric car, department store.	35.2	19.00	1	2	9 - 9 - 54		31.5	17.00	
Gasoline car, department store.	35.2	19.00	1	2	9 - 9 - 54		33.3	18.00	
Electric truck, coal delivery.	34.0	17.00	1	2	6 9 - 5 - 50	6	33.3	16.50	
Gasoline truck, coal delivery.	38.0	19.00	1	2	6 9 - 5 - 50	6	37.4	18.50	
Heavy auto truck, baggage transfer.	30.0	18.00	<sup>1</sup> 35c.	2	10 - 10 - 60				
Light auto truck, baggage transfer.	26.7	16.00	<sup>1</sup> 35c.	2	10 - 10 - 60				
Lumber delivery, gas or electric.	40.0	20.00	1	1	9 - 5 - 50	12	30.9	17.00	
Lumber, light truck.	36.0	18.00	1	1	9 - 5 - 50	12	(19)	(19)	
Milk delivery.	31.7	20.00	1	1	12 9 - 9 - 63				
Newspaper.	37.5	18.00	<sup>1</sup> 40c.	(18)	8 - 8 - 48		(19)	(19)	
Piano and furniture delivery.	31.8	21.00	<sup>1</sup> 40c.	2	11 - 11 - 66				
Touring car, public service.	28.6	21.00	<sup>1</sup> 30c.	1	<sup>14</sup> 10 <sup>1</sup> -10 <sup>1</sup> -73 <sup>1</sup>		27.2	20.00	
Taxicab.	27.5	19.25	<sup>1</sup> 30c.	1	<sup>14</sup> 10 - 10 - 70				
General—									
Union A.	22.7	17.50	<sup>1</sup> 30c.	1	11 - 11 - 77				
Union K, 1 ton or less.	24.2	16.00	(15)	16 2	11 - 11 - 66		21.2	14.00	
Union K, not exceeding 3 tons.	27.3	18.00	(15)	16 2	11 - 11 - 66		24.2	16.00	
Union K, over 3 tons— helpers.	30.3	20.00	(15)	16 2	11 - 11 - 66		27.3	18.00	
Heavy auto truck, baggage transfer.	321.7	13.00	<sup>1</sup> 25c.	2	10 - 10 - 60				
Light auto truck, baggage transfer.	318.3	11.00	<sup>1</sup> 25c.	2	10 - 10 - 60				
Piano and furniture.	27.3	18.00	<sup>1</sup> 40c.	2	11 - 11 - 66				
Buffalo, N. Y.: Coal delivery.	30.0	18.00	1 <sup>1</sup> <sub>2</sub>	2	10 - 10 - 60		27.0	17.00	
Department store.	33.3	20.00	1 <sup>1</sup> <sub>2</sub>	2	10 - 10 - 60		30.0	18.00	
Ice delivery.	33.3	20.00	1 <sup>1</sup> <sub>2</sub>	2	10 - 10 - 60		30.0	18.00	
Helpers, coal.	28.3	17.00	1 <sup>1</sup> <sub>2</sub>	2	10 - 10 - 60		22.2	14.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Scale became 42 cents on June 1, 1917.<sup>3</sup> And on Saturday afternoons.<sup>4</sup> Scale became 36 cents on June 1, 1917.<sup>5</sup> 54 hours per week, October to March, inclusive.<sup>6</sup> Scale became 40 cents on June 1, 1917.<sup>7</sup> Scale became 33.3 cents on May 18, 1917.<sup>8</sup> Scale became 30 cents on May 18, 1917.<sup>9</sup> Work 50 hours per week, September to April, inclusive.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Scale became 36.5 cents for light, 39.7 cents for medium, and 41.3 cents for heavy trucks on Sept. 1, 1917.<sup>12</sup> Allowed one day off every three weeks, October to May, inclusive, and one week's vacation each year, with pay.<sup>13</sup> For Sundays, 50 cents per hour; holidays, double time.<sup>14</sup> Allowed one day off, each month, with pay.<sup>15</sup> From 6 p. m. to 8 p. m., 30 cents; 8 p. m. to 4 a. m., 45 cents; and 4 a. m. to 6 a. m., 30 cents per hour.<sup>16</sup> For Sundays; holidays off, with pay; double time if work is performed.<sup>17</sup> Scale became 25 cents on May 18, 1917.<sup>18</sup> Scale became 21.7 cents on May 18, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued				Regular rate multiplied by—				
Newark, N. J.:	Cents.	Dolls.			Cents.	Dolls.		
Auto truck, beef and provisions.	33.3	20.00	1	1	10 -10 -60			
Commission houses.	33.3	20.00	1	1½	10 -10 -60			
Local express.	35.0	21.00	( <sup>1</sup> )	2	10 -10 -60			
Manufacturing shops.	33.3	20.00	1	1½	10 -10 -60			
1-ton truck.	25.0	15.00	1	1½	10 -10 -60			
3-ton electric truck.	30.0	18.00	1	1½	10 -10 -60			
3-ton truck.	37.5	22.50	8 50c.	2	10 -10 -60	30.0	18.00	
5-ton truck.	41.7	25.00	8 50c.	2	10 -10 -60	33.3	20.00	
Helpers—								
Beef and provisions.	26.7	16.00	1	1	10 -10 -60	23.3	14.00	
Express.	20.0	12.00	1	2	10 -10 -60		10 -10 -60	
Manufacturing shops.	20.0	12.00	1	2	10 -10 -60			
New York, N. Y.:	38.3	23.00	8 50c.	5 1	10 -10 -60			
Grocery.	41.7	25.00	1	1	6 10 -10 -60	(?)	(?)	
Milk, special delivery.	25.7	18.00	1	1	8 10 -10 -70		(?)	
Milk, wholesale delivery, 65 cans or under.	27.3	21.00	1	1	8 11 -11 -77			
Milk, wholesale delivery, over 65 cans.	29.9	23.00	1	1	8 11 -11 -77			
Public service.	28.6	20.00	1	1	10 -10 -70	(?)	(?)	
Taxicab.	27.5	19.25	1	1	10 -10 -70			
Touring car.	30.0	21.00	1	1	10 -10 -70			
Trucks—								
Coal and asphalt, 4 tons and over.	41.7	25.00	9 1	2	10 10 -10 -60	3	36.7	
Coal, electric, under 4 tons.	33.3	20.00	9 1	2	10 10 -10 -60	3	(?)	
Coal, electric, 4 tons or over.	36.7	22.00	9 1	2	10 10 -10 -60	3	(?)	
Coal gasoline, under 4 tons.	38.3	23.00	9 1	2	10 10 -10 -60	3	(?)	
Electric, 2 tons.	30.0	18.00	11 40c.	2	10 10 -10 -60		(?)	
Electric, 3 tons.	31.7	19.00	11 40c.	2	10 10 -10 -60	28.3	17.00	
Electric, 3½ tons.	28.0	18.50	8 30c.	(12)	12 10 -10 -66	26.5	17.50	
Electric, 4 tons.	35.0	21.00	11 40c.	2	10 10 -10 -60	(?)	(?)	
Electric, 5 tons.	36.7	22.00	11 40c.	2	10 10 -10 -60	33.3	20.00	
Excavating, 5 to 7 tons.	34.1	22.50	1	1½	11 -11 -66	33.3	22.00	
Excavating, over 7 tons.	37.9	25.00	1	1½	11 -11 -66		11 -11 -66	
Fish, 2 tons or over.	41.7	25.00	8 35c.	1½	12 10 -10 -60			
Flour.	41.7	25.00	1	1	6 10 -10 -60	(?)	(?)	
Furniture and storage, 1 ton or under.	32.5	19.50	1	1½	10 -10 -60	30.0	18.00	
Furniture and storage, over 1 ton.	35.8	21.50	1	1½	10 -10 -60	33.3	20.00	
Gasoline, 1 ton.	31.7	19.00	11 40c.	2	10 -10 -60	(?)	(?)	

<sup>1</sup> 30 cents per hour in Newark; \$2 per trip to New York City.<sup>2</sup> For Sundays; holidays off, with pay; double time if work is performed.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Scale became 40 cents on June 14, 1917.<sup>5</sup> Sunday work prohibited; 14 days off each year, with pay.<sup>6</sup> Allowed 14 days off each year, with pay.<sup>7</sup> No scale in effect on May 15, 1916.<sup>8</sup> Allowed one day off each month with pay.<sup>9</sup> Double time after 1 hour and on Saturday afternoons, June to August, inclusive.<sup>10</sup> Work 55 hours per week, June to August, inclusive.<sup>11</sup> Rate, in cents, per hour; 50 cents per hour after 9 p. m.<sup>12</sup> Work 6 hours on Sundays and holidays, paid for full day.<sup>13</sup> Scale became 54 hours on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Concluded.									
Truck—Concluded.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Gasoline, under 2 tons.	25.8	17.00	1 30c.	(2)	* 10 -10 -66		24.2	16.00	
Gasoline, 2 tons.	33.3	20.00	1 40c.	2	10 -10 -60	(5)	(5)	(6)	
Gasoline, 3 tons.	35.0	21.00	1 40c.	2	10 -10 -60	31.7	19.00	10 -10 -60	
Gasoline, 3 to 5 tons.	32.6	21.50	1	1 1/2	11 -11 -66	30.3	20.00	11 -11 -66	
Gasoline, 4 tons.	36.7	22.00	1 40c.	2	10 -10 -60	(5)	(5)	(5)	
Gasoline, 5 tons.	38.3	23.00	1 40c.	2	10 -10 -60	35.0	21.00	10 -10 -60	
Piano moving, electric.	37.0	20.00	1 45c.	2	9 - 9 -54				
Piano moving, gasoline.	46.3	25.00	1 45c.	2	9 - 9 -54				
Piano moving, light.	27.8	15.00	1 45c.	2	9 - 9 -54				
Produce, under 2 tons.	31.8	21.00	1 35c.	1 1/2	* 11 -11 -66				
Produce, 2 tons or over.	37.9	25.00	1 35c.	1 1/2	* 11 -11 -66				
Helpers, trucks—									
Auto.	728.3	17.00	1 30c.	8 1	10 -10 -60				
Auto.	31.7	19.00	1	9	10 -10 -60	(5)	(5)	(6)	
Coal and asphalt.	28.3	17.00	10 1	2	11 -10 -60	3	25.0	15.00	
Express, 2 tons or under.	18.2	12.00	1 20c.	(2)	10 -10 -66		15.2	10.00	
Furniture and storage.	29.2	17.50	1	1 1/2	10 -10 -60		25.8	15.50	
Grocery, electric.	30.0	18.00	1	1	9 10 -10 -60	(5)	(5)	(5)	
Grocery, gasoline.	31.7	19.00	1	1	9 10 -10 -60	(5)	(5)	(5)	
Produce.	27.3	18.00	1 35c.	1 1/2	* 11 -11 -66				
Philadelphia, Pa.: Trucks—									
Taxicab.	27.0	1215.00	1 1/2	1	9 1/2 - 9 1/2 -55 1/2		20.8	15.00	
Beef delivery.	30.0	21.00	1	1	14 - 0 -70	18 12	27.1	19.00	
Piano movers.	33.3	20.00	1 1/2	1	10 -10 -60	(5)	(5)	(5)	
Touring car.	29.7	16.50	1 1/2	1	9 1/2 - 9 1/2 -55 1/2		22.9	16.50	
Coal, 2 tons.	30.9	17.00	1 35c.	1 1/2	10 - 5 -55	7	(5)	(5)	
Coal, 3 tons.	32.7	18.00	1 35c.	1 1/2	10 - 5 -55	7	25.0	15.00	
Coal, 4 tons.	30.3	18.50	1 40c.	1 1/2	11 - 6 -61	2	26.7	16.00	
Coal, 5 tons.	34.5	19.00	1 35c.	1 1/2	10 - 5 -55	12	(5)	(5)	
Fruit and vegetables, 2 tons.	32.1	18.00	1 40c.	1 1/2	10 - 6 -56	12	28.6	16.00	
Lumber, 2 to 3 tons.	28.7	17.50	1 40c.	1 1/2	11 - 6 -61	2	(5)	(5)	
Lumber, 5 tons.	30.3	18.50	1 40c.	1 1/2	11 - 6 -61	2	(5)	(5)	
Helpers, piano movers.	30.0	18.00	1 1/2	1	10 -10 -60	(5)	(5)	(5)	
Pittsburgh, Pa.: Furniture delivery.	30.0	18.00	1	1	10 -10 -60				
Light-package delivery.	28.3	17.00	1	1	10 -10 -60				
Helpers, furniture delivery.	23.3	14.00	1	1	10 -10 -60				
Providence, R. I.: Coal.	33.3	20.00	1 1/2	2	10 -10 -60		30.0	18.00	
Department store and furniture.	28.3	17.00	1 1/2	2	10 -10 -60		26.7	16.00	
Helpers, department store and furniture.	21.7	13.00	1 1/2	2	10 -10 -60		20.0	12.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Full day's pay for 6 hours work.<sup>3</sup> Every other Sunday and holiday off with pay.<sup>4</sup> Rate, in cents, per hour; 50 cents per hour after 9 p. m.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> Scale became 60 hours on July 1, 1917.<sup>7</sup> Scale became 35 cents on June 14, 1917.<sup>8</sup> Sunday work prohibited; 14 days off each year with pay.<sup>9</sup> Allowed 14 days off each year with pay.<sup>10</sup> Double time after 1 hour and on Saturday afternoons, June to August, inclusive.<sup>11</sup> Work 55 hours per week, June to August, inclusive.<sup>12</sup> And 5 per cent on all money turned in if the amount equals \$54 or more per week.<sup>13</sup> Full holiday on Saturdays.<sup>14</sup> Rate, in cents, per hour; time and one-half after 9 p. m.<sup>15</sup> For holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.  
CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Rochester, N. Y.	30.0	18.00	1½	2	10 -10 -60		Cents.	Dolls.	
Auto truck	26.7	16.00	1½	2	10 -10 -60				
Ice	30.1	22.00	3 35c.	4 50c.	12 -13 -73		27.4	20.00	
Taxicab	17.9	15.00	3 25c.	1	12 -12 -84		(6)	(6)	
Scranton, Pa.:									
Milk	30.0	21.00	1	1	8 10 -10 -70				
Truck, large	40.4	20.00	1	2	9 - 4½ -49½		12	36.4	
Truck, small	28.3	14.00	1	2	9 - 4½ -49½		12	18.00	
Springfield, Mass.:									
Trucks									
Coal, 2 tons	36.4	20.00	2	2	10 10 -5 -55		5	26.7	
Coal, 4 tons or over	141.3	23.00	2	2	10 10 -5 -55		5	29.1	
Under 2 tons	36.4	20.00	1½	2	10 - 5 -55		12	29.1	
Under 2 tons	36.4	20.00	1½	2	10 - 5 -55		12	28.6	
2 tons and over	40.0	22.00	1½	2	10 - 5 -55		12	32.1	
2 tons and over	40.0	22.00	1½	2	10 - 5 -55		12	18.00	
3 tons or under	122.1	18.00	1½	1½	9½ - 9½ -56		29.1	16.00	
Over 3 tons	1235.7	20.00	1½	1½	9½ - 9½ -56		(6)	(6)	
SOUTH ATLANTIC.									
Jacksonville, Fla.	120.8	15.00	1	1	12 -12 -72		(6)	(6)	
NORTH CENTRAL.									
Chicago, Ill.	1438.3	23.00	1	16 1	10 -10 -60		35.0	21.00	
Baggage delivery	30.0	23.08	1	16 1	11 -11 -77		27.0	20.77	
Baggage and parcel delivery	1733.3	22.00	3 35c.	3 35c.	11 -11 -66		32.6	21.50	
Bone and tallow hauling	41.7	25.00	3 45c.	(19)	10 -10 -60		36.7	22.00	
Department stores, cars under 1 ton	34.2	20.50	3 50c.	1½	10 -10 -60		30.0	18.00	
Department stores, furniture, Union A	38.3	23.00	1	16 1½	10 -10 -60		35.0	21.00	
Department stores, furniture, Union B	37.5	22.50	3 50c.	1½	10 -10 -60	20 3	29.6	16.00	
Laundry, delivery cars	31.5	21.00	1	(20)	9 - 9 -54				
Laundry and towels	33.3	21.00	1½	2	9 - 9 -54				

<sup>1</sup> Double time after midnight.<sup>2</sup> 48 hours and \$18 per week, November to April, inclusive.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Rate, in cents, per hour, for Sunday; for holidays, regular rate.<sup>5</sup> Scale became 21.4 cents on Sept. 15, 1917.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Scale became 32.9 cents on July 15, 1917.<sup>8</sup> Allowed 1 day off each month and 1 week off each year, with pay.<sup>9</sup> Scale became 38.2 cents on Sept. 15, 1917.<sup>10</sup> Work 60 hours per week, October to April, inclusive.<sup>11</sup> Scale became 43.6 cents on Sept. 15, 1917.<sup>12</sup> Scale became 37.5 cents on Aug. 1, 1917.<sup>13</sup> Some work on 20 per cent commission, with a guaranty of \$10 per week.<sup>14</sup> Scale became 41.7 cents on June 15, 1917.<sup>15</sup> Holidays off with pay.<sup>16</sup> Allowed 1 day off every 2 weeks, with pay.<sup>17</sup> Scale became 35.6 cents on Aug. 20, 1917.<sup>18</sup> Do not work on Sundays; regular rate for July 4; double time for Memorial Day; other holidays off, with pay.<sup>19</sup> Allowed 2 weeks' vacation each year, with pay.<sup>20</sup> One half day off, with pay; on Thursdays, June to August, inclusive.<sup>21</sup> And 10 per cent commission on collections over \$95 per week.<sup>22</sup> Work prohibited.<sup>23</sup> And 7½ per cent commission on all business handled.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Continued.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Livery.....	24.7	18.00	1 35c.	1	10½-10 -73		33.3	20.00	
Livery and public carriages.....	36.7	22.00	1 50c.	1	10 -10 -60		(3)	(3)	
Livery, funeral.....	27.9	19.50	1	1	10 -10 -70				
Milk, extra men, and peddlers.....	37.0	20.00	1½	1	4 8 - 6 -54				
Trucks—									
Bakery, delivery.....	33.3	20.00	1	1 30c.	5 10 -10 -60				
Brick, commission.....	45.0	27.00	1 45c.	1½	10 -10 -60				
Brick, under 2 tons.....	33.0	19.80	1 45c.	1½	10 -10 -60				
Brick, 2 to 4 tons.....	36.7	22.00	1 45c.	1½	10 -10 -60				
Brick, 5 tons.....	41.7	25.00	1 45c.	1½	10 -10 -60				
Brick, 6 tons or over.....	46.0	27.60	1 45c.	1½	10 -10 -60				
Brick, sand, and terra cotta, 4 tons or over.....	36.4	24.00	1½	1½	4 11 -11 -66		34.1	22.50	
Building material, 2 tons or under.....	30.3	19.98	1½	1½	11 -11 -66		(3)	(3)	
Building material, 3 tons.....	37.5	22.50	(3)	1½	10 -10 -60		(3)	(3)	
Building material, 4 tons or under.....	38.1	21.00	1½	1½	11 -11 -66		29.5	19.50	
Building material, 4 tons.....	40.0	24.00	(3)	1½	10 -10 -60		(3)	(3)	
Building material, 5 tons.....	43.3	26.00	(3)	1½	10 -10 -60		(3)	(3)	
Building material, 6 tons.....	45.8	27.50	(3)	1½	10 -10 -60		(3)	(3)	
Building material, 7 tons.....	47.5	28.50	(3)	1½	10 -10 -60		(3)	(3)	
Coal delivery, 1½ tons or under.....	35.0	21.00	1 55c.	1½	10 -10 -60		(3)	(3)	
Coal delivery, 2 tons.....	37.5	22.50	1 55c.	1½	10 -10 -60		35.0	21.00	
Coal delivery, over 2 tons.....	40.0	24.00	1 55c.	1½	10 -10 -60		(3)	(3)	
Commission houses, 2 tons or under.....	37.1	24.50	1 60c.	9 ½	11 -11 -66				
Commission houses, 3 tons.....	38.6	25.50	1 60c.	9 ½	11 -11 -66				
Commission houses, over 3 tons.....	37.3	23.50	1 50c.	1½	10½-10½-63		32.6	21.50	
Commission houses, 4 tons.....	40.2	26.50	1 60c.	9 ½	11 -11 -66				
Commission houses, 5 tons.....	41.7	27.50	1 60c.	9 ½	11 -11 -66				
Delivery and general hauling, under 1 ton.....	31.7	20.00	1 50c.	1½	10½-10½-63		27.3	18.00	
Electric, 3 tons or over.....	30.0	18.00	(3)	1½	10 -10 -60				
Furniture delivery.....	36.5	23.00	1	1½	10½-10½-63		33.3	21.00	
Gasoline, 2 tons.....	32.5	19.50	(3)	1½	10 -10 -60				
Gasoline, 3 tons.....	35.0	21.00	(3)	1½	10 -10 -60				
Gasoline, 4 tons.....	37.5	22.50	(3)	1½	10 -10 -60				
Gasoline, 5 tons.....	40.8	24.50	(3)	1½	10 -10 -60				
General work, ton and under 2 tons.....	29.7	20.50	1 40c.	1½	11½-11½-69		29.1	20.10	
Grocery and meat delivery, light.....	27.0	15.00	1½	(3)	9 -10½-55½		(3)	(3)	
Grocery and meat delivery, heavy.....	32.4	18.00	1½	(3)	9 -10½-55½		(3)	(3)	
Grocery and market delivery, 1 ton or under.....	29.5	19.50	1 50c.	1½	11 -11 -66		27.3	18.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Allowed one day off every two weeks with pay.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Allowed 2 weeks' vacation each year, with pay.<sup>5</sup> One week's vacation each year, with pay.<sup>6</sup> Scale became 38.6 cents on June 22, 1917.<sup>7</sup> 45 cents for first hour; 55 cents per hour thereafter.<sup>8</sup> Scale became 34.1 cents on July 21, 1917.<sup>9</sup> For Sundays; work 4 hours on holidays, paid for full day.<sup>10</sup> Scale became 32.5 cents on June 11, 1917.<sup>11</sup> Scale became 35 cents on June 11, 1917.<sup>12</sup> Scale became 37.5 cents on June 11, 1917.<sup>13</sup> Scale became 40 cents on June 11, 1917.<sup>14</sup> Scale became 43.3 cents on June 11, 1917.<sup>15</sup> Sunday work prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—	Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—continued.										
Chicago, Ill.—Continued.										
Trucks—Continued.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Ice delivery.....	136.7	22.00	2 35c.	3 75c.	10 -10 -60	.....	35.0	21.00	10 -10 -60	
Lime, cement, 2 tons or under.....	30.3	20.00	1 1/2	1 1/2	11 -11 -66	.....	(*)	(*)	11 -11 -66	
Lime, cement, 4 tons.....	31.8	21.00	2 40c.	1 1/2	11 -11 -66	.....	28.8	19.00	11 -11 -66	
Lumber, box, and shavings, 1 1/2 to 2 1/2 tons.....	28.8	19.00	2 40c.	1 1/2	11 -11 -66	.....	27.3	18.00	11 -11 -66	
Lumber, box, and shavings, 2 1/2 to 4 tons.....	30.8	20.00	2 40c.	1 1/2	11 -11 -66	.....	28.8	19.00	11 -11 -66	
Machinery movers and general hauling, 2 tons.....	34.9	22.00	2 50c.	1 1/2	10 1/2 -10 1/2 -63	.....	29.5	19.50	11 -11 -66	
Machinery movers and general hauling, 3 tons.....	37.3	23.50	2 50c.	1 1/2	10 1/2 -10 1/2 -63	.....	31.8	21.00	11 -11 -66	
Milk, daywork.....	37.9	25.00	1 1/2	1	6 10 -10 -66	.....	.....	.....	.....	
Milk, night work.....	48.2	26.00	1 1/2	1	6 8 -8 -54	.....	.....	.....	.....	
Newspaper delivery, day.....	33.3	18.00	1 1/2	1	9 -9 -54	.....	(*)	(*)	(*)	
Newspaper delivery, night.....	33.9	19.00	1 1/2	1	8 -8 -56	.....	(*)	(*)	(*)	
Packing house, 1 ton and under.....	29.1	17.73	1	7 1/2	10 4/8 -7 1/2 -61	.....	25.8	15.75	10 4/8 -7 1/2 -61	
Packing house, 2 tons and under.....	29.4	17.96	1	7 1/2	10 4/8 -7 1/2 -61	.....	26.9	16.38	10 4/8 -7 1/2 -61	
Packing house, under 3 tons.....	31.6	19.28	1	7 1/2	10 4/8 -7 1/2 -61	.....	29.0	17.70	10 4/8 -7 1/2 -61	
Packing house, 3 tons and over.....	36.8	22.43	1	7 1/2	10 4/8 -7 1/2 -61	.....	34.2	20.85	10 4/8 -7 1/2 -61	
Parcel and machinery delivery.....	29.5	19.50	2 50c.	1 1/2	11 -11 -66	.....	(*)	(*)	(*)	
Piano moving.....	45.6	26.00	2 60c.	2	9 1/2 -9 1/2 -57	.....	39.7	25.00	10 1/2 -10 1/2 -63	
Do.....	45.6	26.00	2 60c.	2	9 1/2 -9 1/2 -57	.....	43.3	26.00	10 1/2 -10 1/2 -60	
Roofing material.....	31.8	21.00	2 50c.	2	11 -11 -66	.....	.....	.....	.....	
Do.....	35.0	21.60	2 45c.	1 1/2	10 -10 -60	.....	(*)	(*)	(*)	
Stone.....	40.9	27.00	2 35c.	1 1/2	11 -11 -66	.....	(*)	(*)	(*)	
Stone, lime, and cement, 4 tons.....	36.4	24.00	1 1/2	1 1/2	11 -11 -66	.....	33.3	22.00	11 -11 -66	
Wreck or line, street railway.....	40.1	22.47	1	1	8 -8 -56	.....	37.1	20.77	8 -8 -56	
1 to 2 tons.....	10 36.1	19.50	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
2 tons.....	32.6	22.50	2 40c.	1 1/2	11 1/2 -11 1/2 -69	.....	(*)	(*)	(*)	
3 tons.....	11 38.9	21.00	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
3 tons.....	34.1	23.50	2 40c.	1 1/2	11 1/2 -11 1/2 -69	.....	(*)	(*)	(*)	
4 tons.....	12 41.7	22.50	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
4 tons.....	35.5	24.50	2 40c.	1 1/2	11 1/2 -11 1/2 -69	.....	(*)	(*)	(*)	
5 tons.....	12 45.4	24.50	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
5 tons.....	36.2	25.00	2 40c.	1 1/2	11 1/2 -11 1/2 -69	.....	(*)	(*)	(*)	
6 tons.....	14 48.1	26.00	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
6 tons.....	15 43.3	26.00	2 45c.	1 1/2	10 -10 -60	.....	.....	.....	.....	
7 tons.....	16 50.0	27.00	2 45c.	1 1/2	9 -9 -54	.....	.....	.....	.....	
7 tons.....	16 45.0	27.00	2 45c.	1 1/2	10 -10 -60	.....	.....	.....	.....	

<sup>1</sup> Scale became 41.7 cents on June 15, 1917.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Rate, in cents, per hour; for holidays, double time.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Scale became 34.1 cents on June 22, 1917.<sup>6</sup> Work 6 hours on Sundays; allowed two weeks' vacation each year, with pay.<sup>7</sup> Work on holidays prohibited.<sup>8</sup> 45 cents for first hour; 55 cents per hour thereafter.<sup>9</sup> Scale became 38.6 cents on June 22, 1917.<sup>10</sup> Scale became 38.9 cents on June 11, 1917.<sup>11</sup> Scale became 41.7 cents on June 11, 1917.<sup>12</sup> Scale became 44.4 cents on June 11, 1917.<sup>13</sup> Scale became 48.1 cents on June 11, 1917.<sup>14</sup> Scale became 50.9 cents on June 11, 1917.<sup>15</sup> Scale became 45.8 cents on June 11, 1917.<sup>16</sup> Scale became 52.8 cents on June 11, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur- ing year end- ing May 15, 1917, Saturday half hol- iday pre- vailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For Sun- days and hol- idays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Chicago, Ill.—Concluded.									
Helpers—									
Department store, furniture.	Cents. 30.8	Dolls. 18.50	1'50c.	Regular rate multiplied by $\frac{1}{2}$	# 10 -10 -60	8 3	Cents. ....	Dolls. ....	
Trucks—									
Bakery.....	23.3	14.00	1	1'30c.	10 -10 -60	....	....	....	
Brick, 5 tons.....	35.5	21.30	1 45c.	1 1/2	10 -10 -60	....	....	....	
Coal.....	30.0	18.00	1 40c.	1 1/2	10 -10 -60	....	....	....	
Commission house, 3 tons.....	29.4	18.50	1'50c.	1 1/2	10 1/2 -10 1/2 -63	....	24.2	16.00 11 -11 -66	
Department store, furniture.	28.3	17.00	1	* 1 1/2	10 -10 -60	....	25.0	15.00 10 -10 -60	
Lumber, box, and shavings.....	22.7	15.00	1'30c.	1 1/2	11 -11 -66	....	19.7	13.00 11 -11 -66	
Machinery movers.....	29.4	18.50	1'50c.	1 1/2	10 1/2 -10 1/2 -63	....	(*)	(*) (4)	
Packing house.....	26.5	16.17	1	* 1 1/2	10 1/2 -7 1/2 -61	....	36.5	23.00 10 1/2 -10 1/2 -63	
Piano moving.....	44.4	24.00	1'60c.	2	9 -9 -54	....	40.0	24.00 10 -10 -60	
Do.....	44.4	24.00	1'60c.	2	9 -9 -54	....	....	....	
4 tons or under.....	33.0	19.80	1 45c.	1 1/2	10 -10 -60	....	....	....	
Cincinnati, Ohio:									
Bakery and pie.....	29.2	17.50	1	(6)	10 -10 -60	....	27.5	16.50 10 -10 -60	
Ice delivery.....	28.8	19.00	1 40c.	7 40c.	11 -11 -66	....	25.0	18.00 12 -12 -72	
Livery.....	25.0	17.50	1 37 1/2 c.	1	10 -10 -70	....	(*)	(*) (4)	
Piano moving.....	35.0	21.00	1 35c.	* 1 1/2	10 -10 -60	....	(*)	(*) (4)	
Piano moving and furniture.....	28.3	17.00	1'30c.	* 1 1/2	10 -10 -60	....	(*)	(4) (4)	
Trucks—									
Gasoline, 1 ton.....	10 26.7	16.00	1 1/2	2	10 -10 -60	....	....	....	
Gasoline, 2 tons.....	130.0	18.00	1 1/2	2	10 -10 -60	....	28.3	17.00 10 -10 -60	
Gasoline, 3 tons.....	131.7	19.00	1 1/2	2	10 -10 -60	....	30.0	18.00 10 -10 -60	
Gasoline, 4 and 5 tons.....	135.0	21.00	1 1/2	2	10 -10 -60	....	33.3	20.00 10 -10 -60	
Piano and furniture, under 1 ton.....	26.7	16.00	1	* 1 1/2	10 -10 -60	....	(*)	(4) (4)	
Piano and furniture, 1 to 2 tons.....	28.3	17.00	1	* 1 1/2	10 -10 -60	....	(*)	(4) (4)	
1 1/2 tons.....	29.2	17.50	1 1/2	2	10 -10 -60	....	(*)	(4) (4)	
2 tons.....	30.8	18.50	1 1/2	2	10 -10 -60	....	(*)	(4) (4)	
2 to 3 1/2 tons.....	30.0	18.00	1	* 1 1/2	10 -10 -60	....	(*)	(4) (4)	
3 1/2 tons and over.....	31.7	19.00	1	* 1 1/2	10 -10 -60	....	(*)	(4) (4)	
Helpers—									
Auto.....	25.0	15.00	1 1/2	2	10 -10 -60	....	(*)	(4) (4)	
Ice delivery.....	24.2	16.00	1 40c.	7 40c.	11 -11 -66	....	18.1	13.00 12 -12 -72	
Trucks—									
Under 3 tons.....	123.3	14.00	1 1/2	2	10 -10 -60	....	21.7	13.00 10 -10 -60	
3 tons or over.....	126.7	16.00	1 1/2	2	10 -10 -60	....	25.0	15.00 10 -10 -60	
1 ton and under.....	27.5	16.50	1 1/2	2	10 -10 -60	....	(*)	(*) (4)	
3 tons.....	32.5	19.50	1 1/2	2	10 -10 -60	....	(*)	(4) (4)	
4 tons or over.....	35.8	21.50	1 1/2	2	10 -10 -60	....	(*)	(4) (4)	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Holidays off, with pay.<sup>3</sup> One half day off, with pay, on Thursdays, June to August, inclusive.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Work on holidays prohibited.<sup>6</sup> Work prohibited.<sup>7</sup> Rate, in cents, per hour, for Sundays; for holidays, regular rate.<sup>8</sup> Scale became 26.1 cents on July 18, 1917.<sup>9</sup> Do not work on Sundays.<sup>10</sup> Scale became 27.5 cents on Aug. 1, 1917.<sup>11</sup> Scale became 30.8 cents on Aug. 1, 1917.<sup>12</sup> Scale became 32.5 cents on Aug. 1, 1917.<sup>13</sup> Scale became 35.8 cents on Aug. 1, 1917.<sup>14</sup> Scale became 24.2 cents on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week;	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Cleveland, Ohio:										
Auto trucks.....	34.2	20.50	1 1/2	2	2 10 -10 -60		33.3	20.00	* 10 -10 -60	
Auto van.....	36.7	22.00	1 1/2	2	10 -10 -60		35.0	21.00	10 -10 -60	
Excavating.....	42.0	25.20	1 1/2	2	10 -10 -60		31.7	19.00	10 -10 -60	
Ice-delivery motor.....	31.8	21.00	30 c.	1	4 10 -10 -66		31.1	20.50	* 10 -10 -66	
Taxicab.....	6 23.4	18.00	3 50c.	3 50c.	11 -11 -77					
Helpers.....	25.8	15.50	1 1/2	2	2 10 -10 -60		25.0	15.00	* 10 -10 -60	
Des Moines, Iowa.....	27.5	16.50	1	1	10 -10 -60		(*)	(*)	(*)	
Detroit, Mich.....	38.3	23.00	1 1/2	2	10 -10 -60		33.3	20.00	10 -10 -60	
Ice, auto.....	35.8	21.50	1	1	10 -10 -60		(*)	(*)	(*)	
Kansas City, Mo.:										
Trucks, 2 tons.....	30.0	18.00	1	1 1/2	10 -10 -60		27.5	16.50	10 -10 -60	
Trucks, 3 tons.....	32.5	19.50	1	1 1/2	10 -10 -60		30.0	18.00	10 -10 -60	
Trucks, 4 and 5 tons.....	33.3	20.00	1	1 1/2	10 -10 -60					
St. Louis, Mo.:										
Furniture delivery.....	34.2	20.50	7 1/2	1 1/2	10 -10 -60					
Ice delivery.....	31.7	19.00	1	9 30c.	8 10 -10 -60		(*)	(*)	(*)	
Public service.....	22.2	17.50	4 35c.	1	10 11-11-78 1/2					
Trucks—										
Coal, under 3 tons.....	21.2	14.00	1	1 1/2	11 -11 -66					
Coal, 3 to 5 tons.....	27.3	18.00	1	1 1/2	11 -11 -66					
Coal, 5 to 7 tons.....	31.8	21.00	1	1 1/2	11 -11 -66					
Department store, electric.....	26.7	16.00	12 1	1 1/2	10 -10 -60					
Department store, under 2 tons.....	25.0	15.00	12 1	1 1/2	10 -10 -60					
Department store, 2 tons or over.....	28.3	17.00	12 1	1 1/2	10 -10 -60					
Grocery, 2 tons or under.....	22.7	15.00	1	1 1/2	11 -11 -66					
Grocery, over 2 tons.....	25.8	17.00	1	1 1/2	11 -11 -66					
Milk, small motor.....	121.4	15.00	4 25c.	1	10 -10 -70		14.3	14.00	14 -14 -98	
Milk, 3 1/2 tons.....	126.8	18.75	4 35c.	1	10 -10 -70		17.7	17.30	14 -14 -98	
2 tons or less.....	126.2	16.50	1	1 1/2	10 1/2-10-63					
Over 2 tons.....	129.4	18.50	1	1 1/2	10 1/2-10-63					
Helpers—										
Freight.....	124.6	15.50	1	1 1/2	10 1/2-10-63					
Furniture.....	28.3	17.00	7 1/2	1 1/2	10 -10 -60					
St. Paul, Minn.: Coal and sand trucks.....	38.5	23.10	1	1 1/2	10 -10 -60		(*)	(*)	(*)	
SOUTH CENTRAL.										
Houston, Tex.....	21.4	18.00	4 25c.	1	12 -12 -84		14.3	12.00	12 -12 -80	
New Orleans, La.....	18.6	13.00	4 75c.	1	10 -10 -70		17.1	12.00	10 -10 -74	

<sup>1</sup> Double time after 8 p. m.<sup>2</sup> Allowed 6 days off each year, with pay.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Work 6 hours on Sundays.<sup>5</sup> Scale became 27.3 cents on June 1, 1917.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Regular rate for first hour.<sup>8</sup> 60 hours and \$17 per week, November to April, inclusive.<sup>9</sup> Rate, in cents, per hour, for Sundays; for holidays, time and one-half.<sup>10</sup> 2 days off each month, with pay.<sup>11</sup> Double time on Labor Day.<sup>12</sup> And 25 cents for supper, after 6 p. m.<sup>13</sup> Scale became 22.1 cents on Oct. 1, 1917.<sup>14</sup> Scale became 27.5 cents on Sept. 1, 1917.<sup>15</sup> Scale became 28.6 cents on Aug. 16, 1917.<sup>16</sup> Scale became 31.7 cents on Aug. 16, 1917.<sup>17</sup> Scale became 27 cents on Aug. 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## CHAUFFEURS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WESTERN.</b>										
Butte, Mont.	Cents. 33.3	Dolls. 28.00	Regular rate multiplied by 50c.	1	12 - 12 - 84		Cents. 29.2	Dolls. 24.50	12 - 12 - 84	
Trucks, 1,500 pounds or under.	46.9	22.50	1	1	8 - 8 - 48		(3)	(3)	(3)	
Trucks, 1,500 pounds to 3 tons.	50.0	24.00	1	1	8 - 8 - 48		50.0	24.00	8 - 8 - 48	
Trucks, over 3 tons.	53.1	25.50	1	1	8 - 8 - 48		43.8	21.00	8 - 8 - 48	
Helpers.	46.9	22.50	1	1	8 - 8 - 48		30.0	18.00	10 - 10 - 60	
Portland, Oreg.	35.0	21.00	4 1/2	1 1/2	10 - 10 - 60					
San Francisco, Cal.	30.4	21.00	50c.	1	6 11 1/2 - 11 1/2 - 69					
Department store, parcels.	35.0	21.00	(6)	2	10 - 10 - 60					
Grocery and liquor.	35.0	21.00	50c.	2	10 - 10 - 60					
Trucks.	45.0	27.00	1 75c.	1 1/2	10 - 10 - 60		40.0	24.00	10 - 10 - 60	
Trucks, capacity less than 3,000 pounds.	30.0	18.00	1 50c.	1 1/2	10 - 10 - 60					
Trucks, less than 3 tons.	35.0	21.00	1 60c.	1 1/2	10 - 10 - 60					
Trucks, 3 tons or over.	40.0	24.00	1 60c.	1 1/2	10 - 10 - 60					
Trucks, 6,500 pounds capacity.	45.0	27.00	1 75c.	1 1/2	10 - 10 - 60		(3)	(3)	(3)	
Seattle, Wash.										
Trucks, less than 3 tons.	37.5	22.50	1 1/2	1 1/2	10 - 10 - 60		30.0	18.00	10 - 10 - 60	
Trucks, 3 tons or over.	37.5	22.50	1 1/2	1 1/2	10 - 10 - 60		35.0	21.00	10 - 10 - 60	
Salt Lake City, Utah:										
Trucks, motor.	30.0	18.00	1 1/2	1 1/2	10 - 10 - 60					

## TEAMSTERS AND DRIVERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Drivers, baggage transfer—									
1 horse.	123.3	14.00	1	8 1	9 10 - 10 - 60				
2 horses.	126.7	16.00	1	8 1	9 10 - 10 - 60				
Drivers, building material—									
1 horse.	128.0	14.00	1 30c.	12 2	9 - 5 - 50	12			
2 horses.	132.0	16.00	1 35c.	12 2	9 - 5 - 50	12			
3 horses.	134.0	17.00	1 40c.	12 2	9 - 5 - 50	12			
Drivers, carriage.	20.0	16.00	1 30c.	1	11 - 14 - 80				
Drivers, coal delivery—									
1 horse.	130.0	15.00	1	2	16 9 - 5 - 50	6	29.3	14.50	16 9 - 4 1/2 - 49 1/2
2 horses.	132.0	16.00	1	2	16 9 - 5 - 50	6	31.3	15.50	16 9 - 4 1/2 - 49 1/2
3 horses.	134.0	17.00	1	2	16 9 - 5 - 50	6	33.3	16.50	16 9 - 4 1/2 - 49 1/2
Wharfmen.	130.0	15.00	1	2	16 9 - 5 - 50	6	29.3	14.50	16 9 - 4 1/2 - 49 1/2

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> And 25 cents per day additional when copper sells above 15 cents per pound.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Regular rate for first hour.<sup>5</sup> Scale became 60 hours on June 1, 1917.<sup>6</sup> \$1.50 per extra trip, not exceeding 3 hours; for more than 3 hours, 1 day's pay.<sup>7</sup> Scale became 26.7 cents on May 18, 1917.<sup>8</sup> Double time on holidays.<sup>9</sup> Work every other Sunday; average 65 hours per week.<sup>10</sup> Scale became 30 cents on May 18, 1917.<sup>11</sup> Scale became 32 cents on June 1, 1917.<sup>12</sup> And on Saturday afternoons.<sup>13</sup> Scale became 36 cents on June 1, 1917.<sup>14</sup> Scale became 38 cents on June 1, 1917.<sup>15</sup> 54 hours, October to March, inclusive.<sup>16</sup> Scale became 34 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed.	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Boston, Mass.—Continued.									
Drivers, department stores—									
1 horse.....	29.6	16.00	1	2	9 - 9 - 54	.....	27.8	15.00	9 - 9 - 54
2 horses.....	31.5	17.00	1	2	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54
Drivers, laundry delivery.....	33.3	18.00	1½	2	1 9 - 9 - 54	.....	31.3	15.00	8 - 8 - 48
Drivers, lumber delivery—									
1 horse.....	32.0	16.00	1	1	9 - 5 - 50	12	28.0	14.00	8 9 - 5 - 50
2 horses.....	36.0	18.00	1	1	9 - 5 - 50	12	32.0	16.00	8 9 - 5 - 50
3 horses.....	38.0	19.00	1	1	9 - 5 - 50	12	34.0	17.00	8 9 - 5 - 50
4 horses.....	40.0	20.00	1	1	9 - 5 - 50	12	36.0	18.00	8 9 - 5 - 50
Drivers, market and commission houses—									
1 horse.....	28.0	16.50	4 40c.	5 2	10½ - 6½ - 59	12	23.7	14.00	10½ - 6½ - 59
2 horses.....	31.4	18.50	4 40c.	5 2	10½ - 6½ - 59	12	27.1	16.00	10½ - 6½ - 59
3 horses.....	33.1	19.50	4 40c.	5 2	10½ - 6½ - 59	12	28.8	17.00	10½ - 6½ - 59
4 horses.....	34.7	20.50	4 40c.	5 2	10½ - 6½ - 59	12	30.5	18.00	10½ - 6½ - 59
Drivers, milk delivery—									
Route men.....	28.6	20.00	1	1	7 10 - 10 - 70	.....	27.9	19.50	7 10 - 10 - 70
Route foremen.....	38.3	23.00	1	1	7 10 - 10 - 60	.....	37.5	22.50	7 10 - 10 - 60
2-horse trucks.....	25.7	18.00	1	1	7 10 - 10 - 70	.....	25.0	17.50	7 10 - 10 - 70
Drivers, newspaper delivery—									
Relay routes.....	31.3	15.00	4 40c.	9 2	8 - 8 - 48	.....	(10)	(10)	(10)
1 horse.....	37.5	18.00	4 40c.	9 2	8 - 8 - 48	.....	(10)	(10)	(10)
Drivers, piano and furniture.....	27.3	18.00	4 40c.	2	11 - 11 - 66	.....			
Drivers and packers, piano and furniture.....	25.8	17.00	4 40c.	2	11 - 11 - 66	.....			
Drivers, general—									
Light wagon.....	22.7	15.00	(11)	5 2	11 - 11 - 66	.....	19.7	13.00	11 - 11 - 66
1 horse.....	24.2	16.00	(11)	5 2	11 - 11 - 66	.....	21.2	14.00	11 - 11 - 66
2 horses.....	27.3	18.00	(11)	5 2	11 - 11 - 66	.....	24.2	16.00	11 - 11 - 66
3 horses.....	28.8	19.00	(11)	5 2	11 - 11 - 66	.....	25.8	17.00	11 - 11 - 66
4 horses.....	30.3	20.00	4 45c.	5 2	11 - 11 - 66	.....	27.3	18.00	11 - 11 - 66
5 horses.....	31.8	21.00	4 45c.	5 2	11 - 11 - 66	.....	28.8	19.00	11 - 11 - 66
6 horses.....	33.3	22.00	4 45c.	5 2	11 - 11 - 66	.....	30.3	20.00	11 - 11 - 66
Drivers' helpers—									
Baggage transfer, 1 horse.....	218.3	11.00	1	13 1	14 10 - 10 - 60	.....			
Baggage transfer, 2 horses.....	20.0	12.00	1	13 1	14 10 - 10 - 60	.....			
Department store delivery, 1 horse.....	20.4	11.00	1	2	9 - 9 - 54	.....	18.5	10.00	9 - 9 - 54
Furniture and department store delivery.....	24.1	13.00	1	2	9 - 9 - 54	.....	22.2	12.00	9 - 9 - 54
Piano and furniture delivery.....	25.8	17.00	4 40c.	2	11 - 11 - 66	.....			

<sup>1</sup> Hours vary, but total 54 per week.<sup>2</sup> And various commissions.<sup>3</sup> 55 hours per week, October to March, inclusive.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Holidays off, with pay; double time if work is performed.<sup>6</sup> Scale became 35.7 cents on Sept. 1, 1917.<sup>7</sup> One day off every 3 weeks, May to October, inclusive, and 1 week's vacation each year, with pay.<sup>8</sup> Scale became 46.7 cents on Sept. 1, 1917.<sup>9</sup> For Sundays, \$4 per day.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> From 6 p. m. to 8 p. m., 30 cents; 8 p. m. to 4 a. m., 45 cents; and 4. a. m. to 6 a. m., 30 cents per hour.<sup>12</sup> Scale became 21.7 cents on May 18, 1917.<sup>13</sup> For Sundays; for holidays, double time.<sup>14</sup> Work every other Sunday; average 65 hours per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—continued.										
Boston, Mass.—Concluded. Drivers' helpers—Conclid.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Laundry.....	25.9	14.00	1½	2	1 9 - 9 - 54	.....	(2)	(2)	(2)	
Lumpers.....	27.3	18.00	(3)	4 2	11 - 11 - 66	.....	24.2	16.00	11 - 11 - 66	
Milk delivery.....	21.4	15.00	1	1	6 10 - 10 - 70	.....	20.7	14.50	6 10 - 10 - 70	
General.....	24.2	16.00	(3)	4 2	11 - 11 - 66	.....				
Buffalo, N. Y.: Drivers, 2 horses, coal delivery.....	30.0	18.00	1½	2	10 - 10 - 60	.....	27.0	17.00	10½ - 10½ - 63	
Drivers, department store—1 horse.....	26.7	16.00	1½	2	10 - 10 - 60	.....	25.0	15.00	10 - 10 - 60	
2 horses.....	30.0	18.00	1½	2	10 - 10 - 60	.....	30.0	18.00	10 - 10 - 60	
Drivers, ice—1 horse.....	26.7	16.00	1½	2	10 - 10 - 60	.....	25.0	15.00	10 - 10 - 60	
2 horses.....	30.0	18.00	1	1	10 - 10 - 60	.....	30.0	18.00	10 - 10 - 60	
Teamsters, market—1 horse.....	25.8	17.00	1	1	11 - 11 - 66	.....	28.3	17.00	10 - 10 - 60	
2 horses.....	30.0	18.00	1	1	10 - 10 - 60	.....	31.7	19.00	10 - 10 - 60	
Teamsters, general—1 horse.....	26.7	16.00	1½	2	10 - 10 - 60	.....	19.7	13.00	11 - 11 - 66	
2 horses.....	31.8	21.00	1	1	11 - 11 - 66	.....	22.7	15.00	11 - 11 - 66	
3 horses.....	33.3	20.00	1½	2	10 - 10 - 60	.....	25.8	17.00	11 - 11 - 66	
Newark, N. J.: Drivers, general—1 horse.....	25.0	15.00	7 30c.	1½	10 - 10 - 60	.....	21.7	13.00	10 - 10 - 60	
2 horses.....	28.3	17.00	7 30c.	1½	10 - 10 - 60	.....	25.0	15.00	10 - 10 - 60	
1-horse trucks, manufacturing.....	25.0	15.00	1	8 1	10 - 10 - 60	.....				
1-horse trucks, beef or provisions.....	26.7	16.00	1	1	10 - 10 - 60	.....	25.0	15.00	10 - 10 - 60	
1-horse trucks, local express.....	25.0	15.00	7 30c.	2	10 - 10 - 60	.....				
1-horse express, Newark to New York.....	26.7	16.00	7 30c.	2	10 - 10 - 60	.....				
2-horse teams, Newark to New York.....	30.0	18.00	7 30c.	2	10 - 10 - 60	.....				
1 horse, produce and commission houses.....	25.0	15.00	1	1½	10 - 10 - 60	.....				
2 horses, produce and commission houses.....	28.3	17.00	1	1½	10 - 10 - 60	.....				
Teamsters—2-horse trucks, manufacturing.....	26.7	16.00	7 30c.	2	10 - 10 - 60	.....				
2-horse trucks, beef and provisions.....	30.0	18.00	1	1	10 - 10 - 60	.....	26.7	16.00	10 - 10 - 60	
3-horse trucks, beef and provisions.....	30.0	18.00	1	1	10 - 10 - 60	.....				
3-horse trucks, express.....	31.7	19.00	7 30c.	2	10 - 10 - 60	.....				
3-horse trucks, Newark to New York.....	33.3	20.00	7 30c.	2	10 - 10 - 60	.....				
Teamsters' helpers.....	25.0	15.00	7 30c.	1½	10 - 10 - 60	.....	21.7	13.00	10 - 10 - 60	

<sup>1</sup> Hours vary, but total 54 per week.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> From 6 p. m. to 8 p. m., 30 cents; 8 p. m. to 4 a. m., 45 cents; and 4 a. m. to 6 a. m., 30 cents per hour.<sup>4</sup> Holidays off, with pay; double time if work is performed.<sup>5</sup> Scale became 25.7 cents on Sept. 1, 1917.<sup>6</sup> One day off every 3 weeks, October to May, inclusive, and 1 week's vacation each year, with pay.<sup>7</sup> Rate, in cents, per hour.<sup>8</sup> For Sundays; holidays off, with pay; double time if work is performed.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week;	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.:									
Drivers, beef—	Cents.	Dolls.	<i>Regular rate multiplied by—</i>				Cents.	Dolls.	
2-horse trucks.....	33.3	20.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
3-horse trucks.....	36.7	22.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
Drivers, building material—									
1 horse.....	28.3	17.00	3 40c.	2	10 -10 -60	.....	25.0	15.00	
2 horses.....	31.7	19.00	3 40c.	2	10 -10 -60	.....	28.3	17.00	
3 horses.....	35.0	21.00	3 40c.	2	10 -10 -60	.....	31.7	19.00	
4 horses.....	38.3	23.00	3 40c.	2	10 -10 -60	.....	35.0	21.00	
Drivers, butter and eggs—									
1-horse wagon.....	28.3	17.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
2-horse wagon.....	33.3	20.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
Drivers, carriage or bus—	22.7	15.00	1 25c.	(*)	6 10 -10 -60	.....	21.2	14.00	
Drivers, coach, funerals—									
Brooklyn.....	19.5	15.00	(6)	1	11 -11 -77	.....	16.7	14.00	
Manhattan.....	17.9	15.00	1	1	12 -12 -84	.....	.....	12 -12 -84	
Drivers, coal and asphalt—									
1 horse.....	28.3	17.00	7 1	2	8 10 -10 -60	3	23.3	14.00	
2 horses.....	31.7	19.00	7 1	2	8 10 -10 -60	3	26.7	16.00	
3 horses.....	35.0	21.00	7 1	2	8 10 -10 -60	3	30.0	18.00	
4 to 5-ton trucks.....	33.3	20.00	7 1	2	8 10 -10 -60	3	28.3	17.00	
Drivers, small delivery wagons—									
1 horse.....	26.7	16.00	8 40c.	2	10 -10 -60	.....	23.3	14.00	
2 horses.....	30.0	18.00	8 40c.	2	10 -10 -60	.....	26.7	16.00	
Drivers, excavating—									
1 horse.....	20.5	13.50	1	1½	11 -11 -66	.....	18.2	12.00	
2 horses.....	25.9	17.10	1	1½	11 -11 -66	.....	23.6	15.60	
3 horses.....	28.2	18.60	1	1½	11 -11 -66	.....	25.9	17.10	
Drivers, express—									
1 horse.....	22.7	15.00	1 25c.	(4)	6 10 -10 -66	.....	21.2	14.00	
2 horses.....	25.0	16.50	1 30c.	(4)	6 10 -10 -66	.....	23.5	15.50	
Drivers, fish delivery—									
1 horse.....	30.0	18.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
2 horses.....	35.0	21.00	1 35c.	1½	2 10 -10 -60	.....	.....	.....	
Drivers, flour delivery—									
1-horse trucks.....	31.7	19.00	1	1	9 10 -10 -60	.....	(10)	(10)	
2-horse trucks.....	35.0	21.00	1	1	9 10 -10 -60	.....	(10)	(10)	
Drivers, freight delivery, 2-horse trucks.....	24.2	16.00	1 30c.	(4)	6 10 -10 -66	.....	22.7	15.00	
Drivers, furniture and flour—									
1-horse trucks.....	128.3	17.00	1 35c.	1	9 10 -10 -60	.....	.....	.....	
2-horse trucks.....	133.3	20.00	1 35c.	(18)	10 -10 -60	.....	.....	.....	
Drivers, 2-horse van, furniture and storage.....	31.7	19.00	1	1½	10 -10 -60	.....	28.3	17.00	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Scale became 9 hours per day on July 1, 1917.<sup>3</sup> Rate, in cents, per hour, until 9 p. m., 30 cents per hour thereafter.<sup>4</sup> Full day's pay for 6 hours' work.<sup>5</sup> Every other Sunday and holiday off, with pay.<sup>6</sup> \$1 per trip after 6 p. m.<sup>7</sup> Double time after 1 hour and on Saturday afternoons, June to August, inclusive.<sup>8</sup> 55 hours per week, June to August, inclusive.<sup>9</sup> Allowed 14 days off each year, with pay.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Scale became 31.7 cents on June 14, 1917.<sup>12</sup> Scale became 35 cents on June 14, 1917.<sup>13</sup> Work on Sunday prohibited; holidays off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
New York, N. Y.—Concl'd.									
Drivers, 1-horse trucks, union A.....	Cents. 20.5	Dolls. 13.50	Regular rate multiplied by 1	1½	11 -11 -66	.....	Cents. 18.2	Dolls. 12.00	11 -11 -66
Drivers, 1-horse trucks, union B.....	21.2	14.00	1 25c.	(2)	3 10 -10 -66	.....	19.7	13.00	3 10 -10 -66
Drivers, general trucking—									
1-horse trucks.....	28.3	17.00	4 40c.	2	10 -10 -60	.....	25.0	15.00	10 -10 -60
2-horse trucks.....	31.7	19.00	4 40c.	2	10 -10 -60	.....	28.3	17.00	10 -10 -60
3-horse trucks.....	35.0	21.00	4 40c.	2	10 -10 -60	.....	31.7	19.00	10 -10 -60
Drivers, grocery delivery—									
1-horse trucks.....	31.7	19.00	1	1	5 10 -10 -60	.....	(6)	(6)	(6)
2-horse trucks.....	36.7	22.00	1	1	5 10 -10 -60	.....	(6)	(6)	(6)
Drivers, milk delivery—									
Special.....	21.4	15.00	1	1	7 10 -10 -70	.....			
1 horse.....	25.7	18.00	1	1	7 10 -10 -70	.....			
2 horses.....	30.0	21.00	1	1	7 10 -10 -70	.....			
3 horses.....	27.1	19.00	1	1	7 10 -10 -70	.....			
Drivers, poultry delivery.....	32.1	18.00	1 30c.	(6)	10 -6 -56	12	30.0	18.00	10 -10 -60
Drivers, produce—									
1 horse.....	27.3	18.00	1 35c.	1½	9 11 -11 -66	.....			
2 horses.....	31.8	21.00	1 35c.	1½	9 11 -11 -66	.....			
Drivers, sand—									
2 horses.....	27.3	18.00	1	1½	11 -11 -66	.....	25.0	16.50	11 -11 -66
3 horses.....	29.5	19.50	1	1½	11 -11 -66	.....	27.3	18.00	11 -11 -66
Drivers, 2-horse trucks, shipping.....	33.3	18.00	1 45c.	2	9 -9 -54	.....			
Drivers, theatrical properties.....	30.0	18.00	1 40c.	10 1	10 -10 -60	.....			
Drivers, windlass trucks—									
1 horse.....	30.0	18.00	4 40c.	2	10 -10 -60	.....	(6)	(6)	(6)
2 horses.....	33.3	20.00	4 40c.	2	10 -10 -60	.....	(6)	(6)	(6)
3 horses.....	36.7	22.00	4 40c.	2	10 -10 -60	.....	(6)	(6)	(6)
4 horses.....	40.0	24.00	4 40c.	2	10 -10 -60	.....	(6)	(6)	(6)
Drivers' helpers—									
1-horse express.....	13.6	9.00	1 15c.	(2)	3 10 -10 -66	.....	12.1	8.00	3 10 -10 -66
2-horse express.....	29.2	17.50	1	1½	10 -10 -60	.....	25.8	15.50	10 -10 -60
2-horse trucks.....	125.0	15.00	1 30c.	1	6 10 -10 -60	.....			
Flour.....	30.0	18.00	1	1	5 10 -10 -60	.....	(6)	(6)	(6)
Grocery.....	28.3	17.00	1	1	5 10 -10 -60	.....	(6)	(6)	(6)
Milk.....	21.4	15.00	1	1	7 10 -10 -70	.....			
Philadelphia, Pa.: Drivers, beef delivery—									
1 horse.....	25.7	18.00	1	1	14 -0 -70	12 12	20.0	14.00	14 -0 -70
2 horses.....	27.1	19.00	1	1	14 -0 -70	12 12	24.3	17.00	14 -0 -70

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work 6 hours on Sundays and holidays; paid for full day.<sup>3</sup> Holidays and every other Sunday off, with pay.<sup>4</sup> Rate, in cents, per hour, until 9 p. m.; 50 cents per hour thereafter.<sup>5</sup> Allowed 14 days off each year, with pay.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Allowed 1 day off each month, with pay.<sup>8</sup> Work prohibited.<sup>9</sup> Scale became 10 hours per day on July 1, 1917.<sup>10</sup> For Sundays; for holidays, double time.<sup>11</sup> Scale became 30 cents on June 14, 1917.<sup>12</sup> Full holiday on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur- ing year end- ing May 15, 1917, Sat- urday half hol- iday pre- vailed	May 15, 1916.			
	Rate of wages—					Rate of wages—			
	Per hour.	Per week full time.	For over- time.	For Sun- days and holidays.		Per hour.	Per week full time.		
NORTH ATLANTIC—continued.									
Philadelphia—Concluded.									
Drivers, coal delivery—	Cents.	Dolls.	Regular rate multi- plied by—			Cents.	Dolls.		
1-ton wagon.....	23.0	14.00	4 35c.	2 2	11 - 6 - 61	12	20.0	12.00	10 - 10 - 60
1½-ton wagon.....	23.8	14.50	4 35c.	2 2	11 - 6 - 61	12	21.7	13.00	10 - 10 - 60
2-ton wagon.....	24.6	15.00	4 35c.	2 2	11 - 6 - 61	12	23.3	14.00	10 - 10 - 60
2½-ton wagon.....	26.2	16.00	4 35c.	2 2	11 - 6 - 61	12	(*)	(*)	(*)
3-ton wagon.....	26.2	16.00	4 35c.	2 2	11 - 6 - 61	12	25.0	15.00	10 - 10 - 60
4-ton wagon.....	27.9	17.00	4 35c.	2 2	11 - 6 - 61	12	25.8	15.50	10 - 10 - 60
5-ton wagon.....	29.5	18.00	4 35c.	2 2	11 - 6 - 61	12	26.7	16.00	10 - 10 - 60
Drivers, general delivery,									
1 horse.....	24.1	13.50	4 25c.	1	10 - 6 - 56	12	21.4	12.00	10 - 6 - 56
Drivers, general teaming—									
1-horse wagon.....	19.0	12.00	4 30c.	5 1	11 - 8 - 63	12	16.2	10.50	11 - 10 - 65
2-horse wagon.....	28.6	16.00	4 25c.	1	10 - 6 - 56	12	—	—	—
2-horse trucks.....	23.8	15.00	4 30c.	5 1	11 - 8 - 63	12	20.8	13.50	11 - 10 - 65
Single wagons working double.....	20.6	13.00	4 30c.	5 1	11 - 8 - 63	—	17.7	11.50	11 - 10 - 65
Drivers, lumber—									
1 horse.....	23.0	14.00	4 40c.	2 1	11 - 6 - 61	12	20.5	12.50	11 - 6 - 61
2 horses.....	26.2	16.00	4 40c.	2 1	11 - 6 - 61	12	23.8	14.50	11 - 6 - 61
3-horse lumber or box wagons.....	23.0	14.00	4 40c.	2 1	11 - 6 - 61	12	(*)	(*)	(*)
Jiggers.....	24.6	15.00	4 40c.	2 1	11 - 6 - 61	12	22.1	13.50	11 - 6 - 61
Drivers, piano movers.....	33.3	20.00	1 ½	1	10 - 10 - 60	—	(*)	(*)	(*)
Pittsburgh, Pa.: Drivers, department stores—									
1 horse.....	23.3	14.00	1	1	10 - 10 - 60	—	—	—	—
2 horses.....	25.0	15.00	1	1	10 - 10 - 60	—	—	—	—
Providence, R. I.: Drivers, carriage.....	17.3	14.00	1	1	12 - 9 - 81	—	16.0	13.00	12 - 9 - 81
Drivers, coal delivery—									
1 horse.....	25.0	15.00	1 ½	2	10 - 10 - 60	—	21.7	13.00	10 - 10 - 60
2 horses.....	26.7	16.00	1 ½	2	10 - 10 - 60	—	23.3	14.00	10 - 10 - 60
3 horses.....	28.3	17.00	1 ½	2	10 - 10 - 60	—	25.0	15.00	10 - 10 - 60
Drivers, department stores and furniture—									
1 horse.....	25.0	15.00	1 ½	2	10 - 10 - 60	—	23.3	14.00	10 - 10 - 60
2 horses.....	26.7	16.00	1 ½	2	10 - 10 - 60	—	25.0	15.00	10 - 10 - 60
Teamsters, general.....	21.7	13.00	1	1	10 - 10 - 60	—	20.0	12.00	10 - 10 - 60
Rochester, N. Y.: Drivers, brick walls.....	25.0	15.00	6 1 ½	2	10 - 10 - 60	—	24.2	14.50	10 - 10 - 60
Drivers, building material.....	25.0	15.00	6 1 ½	2	10 - 10 - 60	—	24.2	14.50	10 - 10 - 60
Drivers, coal—									
1 horse.....	23.3	14.00	6 1 ½	2	7 10 - 10 - 60	—	22.5	13.50	7 10 - 10 - 60
2 or 3 horses.....	30.0	18.00	6 1 ½	2	7 10 - 10 - 60	—	25.0	15.00	7 10 - 10 - 60
Drivers, delivery wagons, 1 horse.....	22.5	13.50	6 1 ½	2	10 - 10 - 60	—	21.7	13.00	10 - 10 - 60
Drivers, dump carts.....	23.3	14.00	6 1 ½	2	10 - 10 - 60	—	21.7	13.00	10 - 10 - 60
Drivers, general—									
1 horse.....	22.5	14.00	6 1 ½	2	10 - 10 - 60	—	22.5	13.50	10 - 10 - 60
2 horses.....	26.7	16.00	6 1 ½	2	10 - 10 - 60	—	25.8	15.50	10 - 10 - 60

<sup>1</sup> Rate in cents, per hour, until 9 p. m.; time and one-half thereafter.<sup>2</sup> For Sundays; for holidays, time and one-half.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> For Sundays; for holidays, double time.<sup>6</sup> Double time after midnight.<sup>7</sup> Work 55 hours, paid for 60, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.					
NORTH ATLANTIC—concluded.									
Rochester, N. Y.—Concluded.	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.	
Drivers, ice.	30.1	122.00	2 35c.	1	1 12 -13 -73		24.7	18.00	
Drivers, milk.	24.3	17.00	1	1	6 10 -10 -70				
Drivers, piano.	31.7	19.00	2 35c.	2	10 10 -70		30.8	18.50	
Drivers' helpers—									
General.	21.7	13.00	7 12	2	10 -10 -60		20.8	12.50	
Ice.	27.4	20.00	2 25c.	8 40c.	1 12 -13 -73		21.9	16.00	
Scranton, Pa.: Drivers—									
Baggage or bus.	23.3	14.00	1	1	10 -10 -60				
Bakery.	25.0	15.00	1	(9)	10 -10 -60				
Coal.	26.7	16.00	1	10 2	10 -10 -60		23.3	14.00	
Dump wagon.	26.7	16.00	1	2	10 -10 -60		23.3	14.00	
1 horse.	28.3	14.00	1 12	2	9 - 44-49 12		24.2	12.00	
2 horses.	34.3	17.00	1 12	2	9 - 44-49 12		30.3	15.00	
Springfield, Mass.: Drivers, general work—									
1 horse, union A.	1125.0	14.00	1 12	1 12	94 - 91-56		(12)	(12)	
1 horse, union B.	30.9	17.00	1 12	2	10 - 5 -55	12	25.0	14.00	
2 horses, union A.	1128.6	16.00	1 12	1 12	94 - 91-56		(12)	(12)	
2 horses, union B.	32.7	18.00	1 12	2	10 - 5 -55	12	26.8	15.00	
Drivers, coal—									
1 horse.	1428.3	17.00	2	2	16 10 - 5 -55	5	25.0	15.00	
2 horses.	1430.0	18.00	2	2	16 10 - 5 -55	5	26.7	16.00	
Drivers' helpers, general work.	1126.8	15.00	1 12	1 12	94 - 91-56				
Teamsters' helpers, coal.	1126.7	16.00	2	2	16 10 - 5 -55	5	23.3	14.00	
Worcester, Mass.: Drivers, coal—									
1 horse.	32.0	16.00	1 12	1 12	9 - 5 -50	2	25.5	14.00	
2 horses.	34.0	17.00	1 12	1 12	9 - 5 -50	2	27.3	15.00	
Drivers' helpers, coal.	30.0	15.00	1 12	1 12	9 - 5 -50	2	23.6	13.00	
SOUTH ATLANTIC.									
Washington, D. C.: Drivers—									
Bakery salesmen, morning men.	26.7	16.00	1	(20)	10 -10 -60				
Bakery salesmen, evening men.	29.4	15.00	1	(20)	8 12 - 8 12 -51				

<sup>1</sup> 48 hours and \$18 per week, November to April, inclusive.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> For holidays; for Sundays, 50 cents per hour.<sup>4</sup> 48 hours and \$15 per week, November to April, inclusive.<sup>5</sup> And various commissions.<sup>6</sup> Average hours.<sup>7</sup> Double time after midnight.<sup>8</sup> Rate, in cents, per hour for Sundays; for holidays, regular rate.<sup>9</sup> Work on Sundays prohibited; for Labor Day, 70 cents per hour; for other holidays, double time.<sup>10</sup> 70 cents per hour on Labor Day.<sup>11</sup> Scale became 28.6 cents on Aug. 1, 1917.<sup>12</sup> No scale in effect on May 15, 1916.<sup>13</sup> Scale became 30 cents on Aug. 1, 1917.<sup>14</sup> Scale became 30 cents on Sept. 15, 1917.<sup>15</sup> 60 hours per week, October to April, inclusive.<sup>16</sup> Scale became 31.7 cents on Sept. 15, 1917.<sup>17</sup> Scale became 28.6 cents on Aug. 1, 1917.<sup>18</sup> 54 hours per week, October to March, inclusive.<sup>19</sup> And 10 per cent commission on all sales over \$160 per week.<sup>20</sup> \$3 per day and 10 per cent commission on all sales over \$30.<sup>21</sup> And 14 per cent commission on all sales over \$100 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur. ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.	
SOUTH ATLANTIC—concluded.									
Washington, D. C.—Concl'd.									
Drivers—Concluded.									
Bakery, assistant route agents and extra salesmen.									
Cents.	Dolls.	Regular rate multi- plied by—					Cents.	Dolls.	
30.0	18.00	1	(1)		10 -10 -60				
25.0	17.50	* 30c.	1		4 10 -10 -70				
Ice cream delivery.									
Milk delivery.	21.4	15.00	1	(2)	7 10 -10 -70				
Milk, route agents.	25.7	18.00	1	(2)	7 10 -10 -70				
Drivers' helpers, ice cream.	20.0	14.00	* 30c.	1	4 10 -10 -70				
NORTH CENTRAL.									
Chicago, Ill.: Drivers—									
Baggage and parcels.	27.3	18.00	* 30c.	* 30c.	11 -11 -66		26.5	17.50	
Baggage, extra.	25.0	19.25	1	1	11 -11 -77			11 -11 -66	
Baggage, office or city.	24.7	19.04	* 30c.	1	11 11 -11 -77		21.7	16.73	
Bakery.	25.0	15.00	* 30c.	* 30c.	12 10 -10 -60		23.3	14.00	
Bakery, sales drivers.	38.3	22.00	1	(14)	12 10 -10 -60		35.0	21.00	
Bone and tallow.	48.1	28.85	1	(16)	17 10 -10 -60		42.3	25.38	
Drivers, building material—									
1 horse.	24.6	16.20	1½	1½	11 -11 -66		23.0	15.20	
2 horses.	27.3	18.00	1½	1½	11 -11 -66		25.8	17.00	
3 horses.	31.8	21.00	1½	1½	11 -11 -66		30.3	20.00	
Brick from cars.	25.0	30.00	* 35c.	1½	10 -10 -60				
Brick from yards.	23.0	18.00	* 35c.	1½	10 -10 -60				
Pressed brick, 1 horse.	30.0	18.00	* 45c.	1½	10 -10 -60				
Pressed brick, 2 horses.	33.0	19.80	* 45c.	1½	10 -10 -60				
Drivers, bus.	30.0	18.00	1	(2)	10 -10 -60		25.8	17.00	
Drivers, coach.	21.0	16.15	* 30c.	1	24 11 -11 -77		18.0	13.85	
Drivers, coal—									
1 horse.	27.3	18.00	* 40c.	1½	11 -11 -66		22.7	15.00	
2 horses.	31.8	21.00	* 50c.	1½	11 -11 -66		27.3	18.00	
3 horses.	36.4	24.00	* 55c.	1½	11 -11 -66		31.8	21.00	

<sup>1</sup>\$3 per day and 10 per cent commission on all sales over \$30.<sup>2</sup>Scale became 30 cents on June 1, 1917.<sup>3</sup>Rate, in cents, per hour.<sup>4</sup>Allowed 15 days off each year, with pay; in case of illness, 25 days off, with pay.<sup>5</sup>And 1 per cent commission on all cash turned in. Commission became 2 per cent on Sept. 1, 1917.<sup>6</sup>Work one-half day, paid for full day.<sup>7</sup>Average hours.<sup>8</sup>Scale became 28.6 cents on Sept. 1, 1917.<sup>9</sup>Scale became 21.4 cents on June 1, 1917.<sup>10</sup>Scale became 29.5 cents on Aug. 20, 1917.<sup>11</sup>Allowed 1 day off every 2 weeks, with pay.<sup>12</sup>Allowed 1 week's vacation each year, with pay.<sup>13</sup>And 7 per cent commission on all sales over \$225 per week.<sup>14</sup>Work prohibited.<sup>15</sup>And 7 per cent commission on all sales over \$200 per week.<sup>16</sup>Do not work on Sundays; Memorial Day, double time; July 4, regular rate; other holidays off, with pay.<sup>17</sup>Allowed 2 weeks' vacation each year, with pay.<sup>18</sup>Scale became 26.9 cents on June 22, 1917.<sup>19</sup>Scale became 29.1 cents on June 22, 1917.<sup>20</sup>Scale became 34.1 cents on July 21, 1917.<sup>21</sup>Per 1,000 bricks, within 2 miles of cars; over 2 miles, 10 cents per 1,000 additional.<sup>22</sup>Scale became 32.5 cents on July 16, 1917.<sup>23</sup>\$3 for 6 hours or less; \$5 for over 6 hours.<sup>24</sup>Allowed every other Sunday off, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<b>NORTH CENTRAL—continued.</b>										
Chicago, Ill.—Continued.										
Drivers, commission house—										
1 horse, union E.....	28.0	18.50	1 40c.	2 1/2	11 -11 -66			Cents.	Dolls.	
1 horse, union F.....	30.0	18.00	1 40c.	2 1/2	10 -10 -60			27.5	16.50	
2 horses, union E.....	31.1	20.50	1 40c.	2 1/2	11 -11 -66			30.8	18.50	
2 horses, union F.....	33.3	20.00	1 40c.	2 1/2	10 -10 -60			30.8	18.50	
3 horses, union E.....	32.6	21.50	1 40c.	2 1/2	11 -11 -66			30.0	18.00	
Drivers, department and furniture stores—										
1 horse, union A.....	29.2	17.50	1	3 1/2	10 -10 -60			25.8	15.50	
1 horse, union F.....	27.5	16.50	1 40c.	3 1/2	10 -10 -60			30.0	18.00	
2 horses, union A.....	33.3	20.00	1	3 1/2	10 -10 -60			30.0	18.00	
Drivers, excavating—										
2-horse wagons.....	53.3	18.00	1 40c.	2	9 - 9 - 54					
3-horse plows.....	64.4	24.00	1 40c.	2	9 - 9 - 54					
Drivers, freight, 2 horses—	33.3	18.00	1 60c.	2	9 - 9 - 54			30.0	18.00	
Drivers, transfermen, 2 horses.....	35.0	21.00	1 35c.	(7)	8 10 -10 -60			30.8	18.50	
Drivers and packers, furniture.....	36.7	22.00	1	1 1/2	10 -10 -60			31.7	19.00	
Drivers, furniture and piano.....	34.9	22.00	1	1 1/2	10 1/2 -10 1/2 -63			28.8	19.00	
Drivers, grease wagon—										
1 horse.....	930.0	18.00	1	3 1	10 -10 -60					
2 horses.....	1025.0	21.00	1	3 1	10 -10 -60			31.7	19.00	
3 horses.....	1138.3	23.00	1	3 1	10 -10 -60			35.0	21.00	
Drivers, grocery and market, 1 horse.....	30.0	18.00	1 50c.	1 1/2	10 -10 -60			25.8	15.50	
Drivers, grocery and meat—										
1 horse.....	22.5	12.50	1 1/2	(12)	9 -10 1/2 -55 1/2			(18)	(18)	
2 horses.....	27.0	15.00	1 1/2	(12)	9 -10 1/2 -55 1/2			(18)	(18)	
Drivers, hay and grain—										
1 horse.....	25.0	16.50	1 1/2	1 1/2	11 -11 -66			22.0	14.50	
2 horses.....	28.8	19.00	1 1/2	1 1/2	11 -11 -66			25.8	17.00	
3 horses.....	31.4	20.75	1 1/2	1 1/2	11 -11 -66			28.4	18.75	
Drivers—										
Hotel and transfer.....	23.2	17.88	1 30c.	1	14 11 -11 -77			20.2	15.58	
Ice trucks.....	1531.7	19.00	1 35c.	17 75c.	10 -10 -60			30.8	16 18.50	
Ice wagon, peddlers.....	1534.2	20.50	1 35c.	17 75c.	10 -10 -60			33.3	19 20.00	
Drivers, iron and stone—										
2 horses.....	2928.8	19.00	1 1/2	2	11 -11 -66			28.0	18.50	
3 horses.....	31.1	20.50	1 1/2	2	11 -11 -66			30.3	20.00	
4 horses <sup>2</sup> .....	357.9	25.00	1 1/2	2	11 -11 -66			37.1	24.50	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> For Sundays; for holidays, regular rate.<sup>3</sup> For Sundays; holidays off, with pay.<sup>4</sup> Thursdays, during June, July, and August, half holiday, with pay.<sup>5</sup> Scale became 36.1 cents on June 25, 1917.<sup>6</sup> Scale became 47.2 cents on June 25, 1917.<sup>7</sup> Do not work on Sundays; Memorial Day, double time; July 4, regular rate; other holidays off, with pay.<sup>8</sup> Allowed 2 weeks' vacation each year, with pay.<sup>9</sup> Scale became 33.3 cents on June 15, 1917.<sup>10</sup> Scale became 38.3 cents on June 15, 1917.<sup>11</sup> Scale became 41.7 cents on June 15, 1917.<sup>12</sup> Work prohibited; holidays off, with pay.<sup>13</sup> No scale in effect on May 15, 1916.<sup>14</sup> Allowed every other Sunday off, with pay.<sup>15</sup> Scale became 36.7 cents on June 1, 1917.<sup>16</sup> \$18 per week, November to April, inclusive.<sup>17</sup> Rate, in cents, per hour, for Sundays; for holidays, double time.<sup>18</sup> Scale became 39.2 cents on June 1, 1917.<sup>19</sup> \$18.50 per week, November to April, inclusive.<sup>20</sup> Scale became 31.1 cents on June 18, 1917.<sup>21</sup> Scale became 33.3 cents on June 18, 1917.<sup>22</sup> Drivers take care of the horses.<sup>23</sup> Scale became 40.2 cents on June 18, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur-ing year end-ing May 15, 1917, Saturday half holi-day pre-vailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sun-days and hol-i-days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Chicago, Ill.—Continued.										
Drivers—										
Laundry, hotel, and restaurant.	Cents. 38.9	Dolls. 1 <sup>2</sup> 21.00	Regular rate multiplied by— <sup>1</sup> <sup>1</sup> <sup>2</sup> <sup>2</sup>	2	9 - 9 - 54	.....	Cents. ( <sup>2</sup> )	Dolls. ( <sup>2</sup> ) 16.00	( <sup>2</sup> ) 9 - 9 - 54	
Laundry, light wagons.	31.5	17.00		1	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54	
Laundry, white goods, 1 horse.	27.8	15.00	1 <sup>1</sup> horse.	2	9 - 9 - 54	.....	29.6	16.00	9 - 9 - 54	
Laundry, branches, 1 horse.	33.3	18.00	1 <sup>1</sup> horse.	2	9 - 9 - 54	.....	( <sup>2</sup> )	( <sup>2</sup> ) 17.00	( <sup>2</sup> ) 9 - 9 - 54	
Laundry and dyehouse.	37.0	20.00	1 <sup>1</sup> Laundry and dyehouse, towel supply.	8 2	9 - 9 - 54	.....	31.5	17.00	9 - 9 - 54	
Drivers, lumber, box and shavings—	46.3	25.00	1 <sup>1</sup> 1 horse.	8 2	9 - 9 - 54	.....	37.0	20.00	9 - 9 - 54	
1 horse.	22.7	15.00	( <sup>11</sup> )	1 <sup>1</sup> 2 horses.	11 - 11 - 66	.....	21.2	14.00	11 - 11 - 66	
2 horses.	25.8	17.00	( <sup>11</sup> )	1 <sup>1</sup> 3 horses.	11 - 11 - 66	.....	24.2	16.00	11 - 11 - 66	
3 horses.	30.3	20.00	( <sup>11</sup> )	1 <sup>1</sup> Drivers, machinery moving—	11 - 11 - 66	.....	28.8	19.00	11 - 11 - 66	
1 horse.	1222.0	14.50	1 <sup>1</sup> 2 horses.	2	11 - 11 - 66	.....	21.2	14.00	11 - 11 - 66	
2 horses.	1299.5	19.50	1 <sup>1</sup> 2 horses, parcel.	2	11 - 11 - 66	.....	28.8	19.00	11 - 11 - 66	
2 horses, parcel.	25.8	17.00	1 <sup>1</sup> 3 horses.	2	11 - 11 - 66	.....	31.1	20.50	11 - 11 - 66	
3 horses.	1231.8	21.00	1 <sup>1</sup> 4 horses.	2	11 - 11 - 66	.....	32.6	21.50	11 - 11 - 66	
4 horses.	1733.3	22.00	1 <sup>1</sup> 4 horses.	2	11 - 11 - 66	.....	37.9	25.00	11 - 11 - 66	
4 horses.	1238.6	25.50	1 <sup>1</sup> 6 horses.	2	11 - 11 - 66	.....	46.2	30.50	11 - 11 - 66	
6 horses.	2047.0	31.00	1 <sup>1</sup> Drivers, machinery and safe movers.	2	11 - 11 - 66	.....	29.5	19.50	11 - 11 - 66	
Drivers, machinery and safe movers.	2130.3	20.00	1 <sup>1</sup> Drivers, machinery moving and general teaming—	2	11 - 11 - 66	.....	22.0	14.50	11 - 11 - 66	
1 horse.	27.3	18.00	1 <sup>1</sup> 2 horses.	1 <sup>1</sup> Route men.	11 - 11 - 66	.....	25.0	16.50	11 - 11 - 66	
2 horses.	30.3	20.00	1 <sup>1</sup> Route men, retail.	1 <sup>1</sup> 1 <sup>2</sup>	11 - 11 - 66	.....	24.7	19.00	11 - 11 - 66	

<sup>1</sup> And 5 per cent commission on all starch work handled.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> And 10 per cent commission on all collections over \$95 per week.<sup>4</sup> Work on Sundays prohibited.<sup>5</sup> And 7½ per cent commission on all business handled.<sup>6</sup> And various commissions.<sup>7</sup> And 5 per cent commission on all business over \$150 per week.<sup>8</sup> For Sundays; holidays off, with pay.<sup>9</sup> And 2 per cent commission on all collections and credits for first 3 working days.<sup>10</sup> And 2 per cent commission on all collections and credits for Mondays and Tuesdays.<sup>11</sup> 30 cents per hour until 8 p. m.; 40 cents per hour thereafter.<sup>12</sup> Scale became 24.2 cents on June 18, 1917.<sup>13</sup> Scale became 31.8 cents on June 18, 1917.<sup>14</sup> Rate, in cents, per hour.<sup>15</sup> Scale became 34.1 cents on June 18, 1917.<sup>16</sup> Drivers take care of 2 horses.<sup>17</sup> Scale became 35.6 cents on June 18, 1917.<sup>18</sup> Drivers take care of the horses.<sup>19</sup> Scale became 40.9 cents on June 18, 1917.<sup>20</sup> Scale became 49.2 cents on June 18, 1917.<sup>21</sup> Scale became 32.6 cents on June 18, 1917.<sup>22</sup> Allowed 2 weeks' vacation each year, with pay; work 6 hours on Sundays.<sup>23</sup> Allowed 2 weeks' vacation each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL—continued.</b>									
Chicago, Ill.—Continued.					<i>Regular rate multiplied by—</i>				
Drivers, milk—Concluded.	<i>Cents.</i>	<i>Dolls.</i>			<i>Cents.</i>	<i>Dolls.</i>			
Wholesale.....	41.7	22.50	1½	1	1 8 - 8 - 54	.....			
Truck, day work.....	30.3	20.00	1½	1	1 10 - 10 - 66	.....			
Truck, night work, 2 horses.....	40.7	22.00	1½	1	1 8 - 8 - 54	.....			
Truck, night work, 3 and 4 horses.....	44.4	24.00	1½	1	1 8 - 8 - 54	.....			
Drivers, newspaper delivery									
Daywork, agreement A.....	33.3	12.00	1½	1	6 - 6 - 36	(2)	(2)	(2)	
Daywork, agreement B.....	33.3	14.00	1½	1	7 - 7 - 42	(2)	(2)	(2)	
Daywork, agreement C.....	33.3	15.00	1½	1	7½ - 7½ - 45	(2)	(2)	(2)	
Daywork, agreement D.....	33.3	16.00	1½	1	8 - 8 - 48	(2)	(2)	(2)	
Daywork, agreement E.....	33.3	18.00	1½	1	9 - 9 - 54	(2)	(2)	(2)	
Night work.....	33.9	19.00	1½	1	8 - 8 - 56	(2)	(2)	(2)	
Drivers, packing house—									
1 horse.....	30.5	18.58	1	1 ½	10 45 - 7 ½ - 61	12	27.9	17.00	
2 horses.....	33.7	20.58	1	1 ½	10 48 - 7 ½ - 61	12	31.1	19.00	
Drivers, piano moving—									
Union B.....	38.6	22.00	4 60c.	2	9 ½ - 9 ½ - 57	33.3	21.00	10 ¾ - 10 ¾ - 63	
Union L.....	40.7	22.00	4 60c.	2	9 - 9 - 54	36.7	22.00	10 - 10 - 60	
Drivers—									
Roofing material.....	28.8	19.00	4 50c.	2	11 - 11 - 66	28.0	18.50	11 - 11 - 66	
Sand carts.....	33.3	18.00	4 40c.	2	9 - 9 - 54				
Sand wagons.....	35.2	19.00	4 40c.	2	9 - 9 - 54				
Street sprinklers—contractors.....	32.3	21.00	(7)	1	10 - 10 - 65	27.7	18.00	10 - 10 - 65	
Drivers, stone delivery—									
1 horse.....	27.3	18.00	4 35c.	1½	11 - 11 - 66	(2)	(2)	(2)	
2 horses.....	31.8	21.00	4 35c.	1½	11 - 11 - 66	(2)	(2)	(2)	
Drivers, stone, lime, and cement—									
1 horse.....	24.5	16.20	1½	1½	11 - 11 - 66	23.0	15.20	11 - 11 - 66	
2 horses.....	27.3	18.00	1½	1½	11 - 11 - 66	25.8	17.00	11 - 11 - 66	
3 horses.....	31.8	21.00	1½	1½	11 - 11 - 66	30.3	20.00	11 - 11 - 66	
Drivers, street railway—									
Dump, money, or tower wagons.....	25.5	16.80	1½	1½	11 - 11 - 66	23.2	15.30	11 - 11 - 66	
Wreck wagons.....	27.3	18.00	1½	1½	11 - 11 - 66	25.0	16.50	11 - 11 - 66	
1-horse wagons.....	24.1	15.90	1½	1½	11 - 11 - 66	22.7	15.00	11 - 11 - 66	
Drivers, garbage wagons, 2 horses.....	31.7	22.17	1	1 ½	10 - 10 - 70	28.3	19.83	10 - 10 - 70	
Drivers and salesmen, tea and coffee.....	41.7	20.00	1	1 ½	8 - 8 - 48				
Drivers—									
Single wagon with team attached, union A.....	25.8	17.00	1 45c.	1½	11 - 11 - 66				
Single wagon with team attached, union B.....	25.8	17.00	1 30c.	1½	11 - 11 - 66				

<sup>1</sup> Allowed 2 weeks' vacation each year, with pay; work 6 hours on Sundays.

<sup>2</sup> No scale in effect on May 15, 1916.

<sup>3</sup> For Sundays; work on holidays prohibited.

<sup>4</sup> Rate, in cents, per hour.

<sup>5</sup> Scale became 36.1 cents on June 25, 1917.

<sup>6</sup> Scale became 38 cents on June 25, 1917.

<sup>7</sup> Work prohibited.

<sup>8</sup> For holidays; work half day on Sundays, paid for full day.

<sup>9</sup> Scale became 26.8 cents on June 22, 1917.

<sup>10</sup> Scale became 29.5 cents on June 22, 1917.

<sup>11</sup> Scale became 34.1 cents on June 22, 1917.

<sup>12</sup> Scale became 35 cents on June 15, 1917.

<sup>13</sup> For Sundays; for holidays, double time.

<sup>14</sup> And various commissions.

<sup>15</sup> Scale became 28 cents on June 1, 1917.

<sup>16</sup> Rate, in cents, for first hour; 60 cents for second hour, and time and one-half thereafter.

<sup>17</sup> Rate, in cents, per hour, until 8 p. m.; 45 cents per hour thereafter.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Chicago, Ill.—Concluded.										
Drivers, yard and general teaming.	Cents. 31.7	Dolls. 19.00			Regular rate multiplied by— 1 $\frac{3}{2}$ 1	10 -10 -60	.....	Cents. 28.3	Dolls. 17.00	10 -10 -60
Drivers, general—										
1 horse, union M.	24.4	16.85	3 40c.	1 $\frac{1}{2}$	11 $\frac{1}{2}$ -11 $\frac{1}{2}$ -69	.....	22.2	15.30	11 $\frac{1}{2}$ -11 $\frac{1}{2}$ -69	
1 horse, union N.	22.7	15.00	5 45c.	1 $\frac{1}{2}$	11 -11 -66	.....	24.4	16.85	11 $\frac{1}{2}$ -11 $\frac{1}{2}$ -69	
2 horses, union M.	29.0	20.00	3 40c.	1 $\frac{1}{2}$	11 $\frac{1}{2}$ -11 $\frac{1}{2}$ -69	.....				
2 horses, union N.	27.3	18.00	6 45c.	1 $\frac{1}{2}$	11 -11 -66	.....				
3 horses, union N.	30.3	20.00	6 45c.	1 $\frac{1}{2}$	11 -11 -66	.....				
4 horses, union N.	31.8	21.00	5 45c.	1 $\frac{1}{2}$	11 -11 -66	.....				
6 horses, union N.	34.8	23.00	5 45c.	1 $\frac{1}{2}$	11 -11 -66	.....				
Drivers, trucks—										
1 horse.	22.7	15.00	1030c.	1 $\frac{1}{2}$	11 -11 -66	.....				
2 horses.	27.3	18.00	1030c.	1 $\frac{1}{2}$	11 -11 -66	.....				
3 horses.	30.3	20.00	1030c.	1 $\frac{1}{2}$	11 -11 -66	.....				
4 horses.	31.8	21.00	1030c.	1 $\frac{1}{2}$	11 -11 -66	.....				
6 horses.	34.8	23.00	1030c.	1 $\frac{1}{2}$	11 -11 -66	.....				
Drivers' helpers—										
Baggage delivery.	18.7	14.42	3 30c.	1	11 11 -11 -77	.....	15.7	12.12	11 11 -11 -77	
Baggage, extra.	20.0	15.40	1		11 -11 -77	.....	27.9	16.73	10 -10 -60	
Bone and tallow.	32.7	19.62	1	(12)	13 10 -10 -60	.....				
Department store and furniture, union A.	25.8	15.50	3 40c.	2 1 $\frac{1}{2}$	11 10 -10 -60	14 3	.....			
Department store and furniture, union B.	26.7	16.00	1	2 1 $\frac{1}{2}$	10 -10 -60	.....	23.3	14.00	10 -10 -60	
Furniture.	25.0	15.75	3 40c.	1 $\frac{1}{2}$	10 1-10-63	.....				
Extra furniture.	35.0	22.05	1	1 $\frac{1}{2}$	10 1-10-63	.....	30.0	19.80	11 -11 -66	
Furniture and piano.	30.2	19.00	1	1 $\frac{1}{2}$	10 1-10-63	.....	25.8	17.00	11 -11 -66	
Grease wagon, 2 horses.	31.7	19.00	1	2 1 $\frac{1}{2}$	10 -10 -60	.....	28.3	17.00	10 -10 -60	
Grease wagon, 3 horses.	35.0	21.00	1	2 1 $\frac{1}{2}$	10 -10 -60	.....	31.7	19.00	10 -10 -60	
Ice trucks, or peddlers.	30.0	18.00	3 35c.	1 $\frac{1}{2}$	10 -10 -60	.....	29.6	17.75	10 -10 -60	
Piano, union B.	38.9	21.00	3 60c.	2	9 - 9 - 54	.....	35.0	21.00	10 -10 -60	
Piano, union L.	38.9	21.00	3 60c.	2	9 - 9 - 54	.....	31.7	20.00	10 $\frac{1}{2}$ -10 $\frac{1}{2}$ -63	
Street railway, wreck wagon.	25.5	16.80	1 $\frac{1}{2}$	1 $\frac{1}{2}$	11 -11 -66	.....	23.2	15.30	11 -11 -66	
Cincinnati, Ohio:										
Drivers.										
Bakery.	26.7	16.00	1	(19)	10 -10 -60	.....	20.7	14.50	10 -10 -70	
Bakery and pie, 1-horse.	26.7	16.00	1	(19)	10 -10 -60	.....	23.3	14.00	10 -10 -60	
Bakery and pie, 2 horses.	26.7	16.00	1	(19)	10 -10 -60	.....	25.0	15.00	10 -10 -60	
Bakery and pie, sales.	25.0	20 $\frac{1}{2}$ 0.00	1	(19)	10 -10 -60	.....	23.3	20 $\frac{1}{2}$ 4.00	10 -10 -60	
Carriages.	22.9	16.00	1	1	11 10 -10 -70	.....	20.0	14.00	11 10 -10 -70	
Furniture, 1-horse wagon.	24.2	14.50	1 $\frac{1}{2}$	2	10 -10 -60	(21)	(21)	(21)	(21)	

<sup>1</sup> Scale became 35 cents on June 15, 1917.<sup>2</sup> For Sundays; holidays off, with pay.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Scale became 25 cents on June 11, 1917.<sup>5</sup> Rate, in cents, for first hour; 60 cents for second hour, and time and one-half thereafter.<sup>6</sup> Scale became 29.5 cents on June 11, 1917.<sup>7</sup> Scale became 32.6 cents on June 11, 1917.<sup>8</sup> Scale became 34.1 cents on June 11, 1917.<sup>9</sup> Scale became 37.1 cents on June 11, 1917.<sup>10</sup> Rate, in cents, per hour, until 8 p. m.; 45 cents per hour thereafter.<sup>11</sup> Allowed every other Sunday off, with pay.<sup>12</sup> Do not work on Sundays; holidays off, with pay.<sup>13</sup> Allowed 2 weeks' vacation each year, with pay.<sup>14</sup> Thursdays, during June, July, and August, half holiday, with pay.<sup>15</sup> Scale became 35 cents on June 15, 1917.<sup>16</sup> Scale became 38.3 cents on June 15, 1917.<sup>17</sup> \$17.25 per week, November to April, inclusive.<sup>18</sup> Rate, in cents, per hour, for Sundays; for holidays, double time.<sup>19</sup> Work prohibited.<sup>20</sup> And 3 per cent commission on sales over \$100 per week.<sup>21</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Cincinnati, Ohio—Concl'd.	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Drivers—Concluded.			1 40c.	2 40c.						
Ice, route.....	31.7	19.00	1 1/2	2	3 10 -10 -60	.....	28.3	17.00	4 10 -10 -60	
Ice cream, 1 horse.....	20.6	13.00	1 1/2	1	9 - 9 - 63	.....	16.4	11.50	10 -10 -70	
Ice cream, route.....	28.6	18.00	1 1/2	1	9 - 9 - 63	.....	20.0	14.00	10 -10 -70	
Ice cream, truck.....	28.6	18.00	1 1/2	1	9 - 9 - 63	.....	21.4	15.00	10 -10 -70	
Milk route.....	28.6	18.00	1 1/2	1	7 9 - 9 - 63	.....	22.9	16.00	10 -10 -70	
Milk route, foremen.....	34.9	22.00	1 1/2	1	7 9 - 9 - 63	.....	26.4	18.50	10 -10 -70	
Milk truck.....	28.6	18.00	1 1/2	1	7 9 - 9 - 63	.....	22.1	15.50	10 -10 -70	
Milk truck, wholesale.....	31.0	19.50	1 1/2	1	7 9 - 9 - 63	.....	24.6	17.25	10 -10 -70	
Stores.....	21.4	15.00	1	1	10 -10 -70	.....	19.3	13.50	10 -10 -70	
1 horse, heavy wagon.....	23.3	14.00	1 1/2	2	10 -10 -60	.....	21.7	13.00	10 -10 -60	
2 horses.....	27.5	16.50	1 1/2	2	10 -10 -60	.....	(*)	(*)	(*)	
2 horses, light wagon.....	1025.0	15.00	1 1/2	2	10 -10 -60	.....	23.3	14.00	10 -10 -60	
2 horses, heavy wagon.....	1126.7	16.00	1 1/2	2	10 -10 -60	.....	25.0	15.00	10 -10 -60	
3 horses.....	29.2	17.50	1 1/2	2	10 -10 -60	.....	(*)	(*)	(*)	
3 or 4 horses.....	1227.5	16.50	1 1/2	2	10 -10 -60	.....	26.7	16.00	10 -10 -60	
Supply wagon.....	25.8	17.00	1 40c.	2 40c.	11 -11 -66	.....	18.1	13.00	12 -12 -72	
Piano-moving wagons.....	31.7	19.00	1 35c.	1 1/2	10 -10 -60	.....	(*)	(*)	(*)	
Piano and furniture vans.....	28.3	17.00	1 30c.	1 1/2	10 -10 -60	.....	(*)	(*)	(*)	
Drivers' helpers—										
Agreement A.....	23.3	14.00	1 1/2	2	10 -10 -60	.....	21.7	13.00	10 -10 -60	
Agreement B.....	24.2	14.50	1 1/2	2	10 -10 -60	.....	(*)	(*)	(*)	
Ice route.....	26.7	16.00	1 40c.	2 40c.	10 -10 -60	.....	21.7	13.00	10 -10 -60	
Furniture.....	25.0	15.00	1 30c.	1 1/2	10 -10 -60	.....	(*)	(*)	(*)	
Milk truck.....	23.8	15.00	1 1/2	1	9 - 9 - 63	.....	20.4	14.25	10 -10 -70	
1 horse, light wagon.....	121.7	13.00	1 1/2	2	10 -10 -60	.....	(*)	(*)	(*)	
Cleveland, Ohio:										
Drivers—										
Excavating.....	30.6	16.50	1 1/2	2	9 - 9 - 54	.....	25.0	15.00	10 -10 -60	
Furniture van.....	31.7	19.00	1 1/2	2	10 -10 -60	.....	30.8	18.50	10 -10 -60	
Furniture, 1-horse.....	28.3	17.00	1 1/2	2	10 -10 -60	.....	27.5	16.50	10 -10 -60	
1 horse, light wagon.....	20.8	12.50	1 1/2	2	17 10 -10 -63	.....	20.0	12.00	1710 -10 -60	
1 horse, heavy wagon.....	22.5	13.50	1 1/2	2	17 10 -10 -60	.....	21.7	13.00	1710 -10 -60	
2 horses, wagon.....	24.2	14.50	1 1/2	2	17 10 -10 -63	.....	23.3	14.00	1710 -10 -60	
2 horses, truck.....	27.5	16.50	1 1/2	2	17 10 -10 -60	.....	26.7	16.00	1710 -10 -60	
3 horses, truck, union A.....	30.8	18.50	1 1/2	2	17 10 -10 -60	.....	30.0	18.00	1710 -10 -60	
3 horses, truck, union B.....	31.8	21.00	1 30c.	1	18 10 -10 -66	.....	31.1	20.50	1710 -10 -66	
Water wagon.....	28.8	19.00	1 30c.	1	11 -11 -66	.....	28.0	18.50	11 -11 -66	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Rate, in cents, per hour, for Sundays; for holidays, regular rate.<sup>3</sup> 54 hours per week, November to March, inclusive.<sup>4</sup> 54 hours and \$15 per week, November to March, inclusiva.<sup>5</sup> And 2 cents for each delivery package over 50 per week returned.<sup>6</sup> And various commissions.<sup>7</sup> Allowed 2 weeks' vacation each year, with pay.<sup>8</sup> Scale became 24.2 cents on Aug. 1, 1917.<sup>9</sup> No scale in effect on May 15, 1916.<sup>10</sup> Scale became 25.8 cents on Aug. 1, 1917.<sup>11</sup> Scale became 27.5 cents on Aug. 1, 1917.<sup>12</sup> Scale became 28.3 cents on Aug. 1, 1917.<sup>13</sup> For holidays: do not work on Sundays.<sup>14</sup> Scale became 22.5 cents on Aug. 1, 1917.<sup>15</sup> Double time after 8 hours.<sup>16</sup> Double time after 8 p. m.<sup>17</sup> Allowed 6 days off each year, with pay.<sup>18</sup> Work 6 hours on Sundays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917; Sat.-urday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.								
Cleveland, Ohio—Concluded.								
Drivers, ice delivery—								
Route.....	31.8	21.00	1 30c.	1	2 10 -10 -66	31.1	20.50	
Special orders.....	23.5	15.50	1 30c.	1	2 10 -10 -66	22.7	15.00	
2 horses.....	28.8	19.00	1 30c.	1	2 10 -10 -66	28.0	18.50	
Route foremen.....	37.9	25.00	1 30c.	1	2 10 -10 -66	37.1	24.50	
Drivers, milk delivery—								
Retail, special or wholesale sale.....	3 26.4	18.46	1	1	4 10 -10 -70	(6)	(5)	
Truck, night.....	28.0	19.62	1	1	4 10 -10 -70	(6)	(5)	
Drivers' helpers—								
Furniture van.....	26.7	16.00	1 1/2	2	10 -10 -60	25.8	15.50	
Ice delivery.....	23.5	15.50	1 30c.	1	2 10 -10 -66	22.7	15.00	
Columbus, Ohio:								
Drivers, ice.....	29.2	6 17.50	1	1	10 -10 -60	.....	.....	
Drivers' helpers, ice.....	25.0	6 15.00	1	1	10 -10 -60	.....	.....	
Des Moines, Iowa:								
Drivers—								
2 horses, general.....	30.6	16.50	1	1	9 - 9 -54	27.8	15.00	
Transfer.....	22.5	13.50	1	1	10 -10 -60	20.0	12.00	
1 horse.....	20.0	12.00	1	1	10 -10 -60	17.5	10.50	
2 horses.....	27.5	16.50	1	1	10 -10 -60	22.5	13.50	
Detroit, Mich.:								
Drivers, bakery—								
Wholesale and retail.....	62.5	30.00	1	1	8 - 8 -48	25.8	7 15.50	
Retail.....	62.5	30.00	1	1	8 - 8 -48	21.7	9 13.00	
Wholesale.....	62.5	30.00	1	1	8 - 8 -48	33.3	10 20.00	
Drivers, bottled water.....	40.0	24.00	1	1	10 -10 -60	(5)	(5)	
Drivers, general—								
1 horse.....	30.0	18.00	1 1/2	2	10 -10 -60	26.5	15.90	
2 horses.....	35.0	21.00	1 1/2	2	10 -10 -60	30.0	18.00	
3 horses.....	37.5	22.50	1 1/2	2	10 -10 -60	32.5	19.15	
4 horses.....	40.0	24.00	1 1/2	2	10 -10 -60	35.0	21.00	
Drivers, ice.....	31.7	19.00	1	1	10 -10 -60	(5)	(5)	
Drivers, milk, wholesale.....	42.9	18.00	1	1	11 6 - 6 -42	.....	.....	
Drivers, tea and coffee.....	37.5	218.00	1	1	11 8 - 8 -48	37.5	9 18.00	
Drivers, windlass wagon.....	37.5	22.50	1 1/2	2	10 -10 -60	32.5	19.50	
Drivers' helpers.....	35.0	21.00	1 1/2	2	10 -10 -60	30.0	18.00	
Indianapolis, Ind.:								
Drivers, bakery—								
Bread wagon, 1-horse.....	21.7	18 13.00	1 1/2	1 1/2	10 -10 -60	.....	.....	
Cake wagon, 1-horse.....	25.0	15.00	1 1/2	1 1/2	10 -10 -60	21.7	13.00	
Cake wagon, or truck, 2 horses.....	28.3	17.00	1 1/2	1 1/2	10 -10 -60	25.0	15.00	
Truck, 3 horses.....	30.0	18.00	1 1/2	1 1/2	10 -10 -60	26.7	16.00	
Drivers, general—								
1 horse.....	21.7	13.00	1 1/2	1 1/2	10 -10 -60	.....	.....	
2 horses.....	25.0	15.00	1 1/2	1 1/2	10 -10 -60	.....	.....	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work 6 hours on Sundays.<sup>3</sup> For first 6 months; for second 6 months, 29 cents; thereafter, 30.5 cents.<sup>4</sup> Allowed 2 days off each month, with pay.<sup>5</sup> No scale in effect on May 15, 1916.<sup>6</sup> \$16 per week, November to April, inclusive.<sup>7</sup> And 10 per cent commission on sales over \$200 per week.<sup>8</sup> Average hours; do not work on Saturdays.<sup>9</sup> And 10 per cent commission on sales over \$150 per week.<sup>10</sup> And 10 per cent commission on sales over \$250 per week.<sup>11</sup> Average hours.<sup>12</sup> And 12 per cent commission on sales over \$150 per week.<sup>13</sup> And 4 per cent commission on all sales over \$200 per week.<sup>14</sup> For Sundays; work on holidays prohibited.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Indianapolis, Ind.—Concl'd.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Drivers, ice.....	22.7	15.00	1½	1¾	11 -11 -66		26.7	16.00	10 -10 -60	
Drivers' helpers, ice.....	20.5	13.50	1½	1¼	11 -11 -66		30.0	18.00	10 -10 -60	
Kansas City, Mo.: Drivers—										
Bakery, retail.....	33.3	1 20.00	1	1	10 -10 -60		26.7	16.00	10 -10 -60	
Bakery, wholesale.....	30.0	18.00	1	1	10 -10 -60		30.0	18.00	10 -10 -60	
Do.....	30.0	18.00	1	1	10 -10 -60		30.0	18.00	10 -10 -60	
Pie wagon.....	30.0	18.00	1	1	10 -10 -60		26.7	16.00	10 -10 -60	
1 horse, light wagon.....	22.5	13.50	1	1½	10 -10 -60		20.0	12.00	10 -10 -60	
2 horses, light wagon.....	25.0	15.00	1	1½	10 -10 -60		22.5	13.50	10 -10 -60	
2 horses, heavy wagon.....	27.5	16.50	1	1½	10 -10 -60		25.0	15.00	10 -10 -60	
3 horses.....	32.5	19.50	1	1½	10 -10 -60		30.0	18.00	10 -10 -60	
Minneapolis, Minn.: Drivers—										
Baggage.....	27.5	16.50	9 35c.	1	10 10 -10 -60		25.0	15.00	10 10 -10 -60	
Coal teams.....	28.3	17.00	9 35c.	9 35c.	10 -10 -60		26.7	16.00	10 10 -10 -60	
Ice route.....	32.7	19.62	1	12 1½	13 10 -10 -60					
Ice, wholesale.....	27.9	16.73	1	12 1½	13 10 -10 -60					
Milk.....	27.5	17.31	1	1	16 9 -9 -63					
Moving vans.....	30.0	18.00	9 25c.	9 35c.	10 -10 -60		27.5	16.50	10 -10 -60	
Team, 2 or more tons.....	26.7	16.00	9 35c.	9 35c.	10 -10 -60		25.0	15.00	10 -10 -60	
Omaha, Nebr.: Drivers, freight—										
2 horses, light wagon.....	26.7	16.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
2 horses, heavy wagon.....	30.0	18.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
Drivers, piano trucks or wagons.....	33.3	20.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
Drivers, general work—										
1-horse wagon.....	23.3	14.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
2-ton, or under, trucks.....	30.0	18.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
Over 2-ton trucks.....	33.3	20.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
Drivers' helpers—										
Trucks or wagons.....	27.5	16.50	1½	1½	10 -10 -60		(17)	(17)	(17)	
Moving vans.....	30.0	18.00	1½	1½	10 -10 -60		(17)	(17)	(17)	
Peoria, Ill.: Drivers, ice.....	25.7	18.50	19 40c.	20 2	18 12 -12 -72					
Drivers' helpers, ice.....	22.9	16.50	19 40c.	20 2	21 12 -12 -72					

<sup>1</sup> And 10 per cent commission on all sales over \$200 per week.<sup>2</sup> And 10 per cent commission on all sales over \$80 per week.<sup>3</sup> And 10 per cent commission on all sales up to \$300 per week; over \$300, 6 per cent commission.<sup>4</sup> And 10 per cent commission on all sales over \$100 per week and 50 cents per day for caring for horses.<sup>5</sup> And 10 per cent commission on all sales over \$300 per week.<sup>6</sup> And 10 per cent commission on all sales over \$180 per week.<sup>7</sup> And 10 per cent commission on sales up to \$100; 8 per cent on sales of from \$101 to \$300; and 6 per cent on sales over \$300 per week.<sup>8</sup> And 9 per cent commission on sales over \$169 per week.<sup>9</sup> Rate, in cents, per hour.<sup>10</sup> Work 70 hours every other week.<sup>11</sup> 26.9 cents per hour, \$16.15 per week, November to April, inclusive.<sup>12</sup> For Sundays; for holidays, regular rate.<sup>13</sup> Average hours.<sup>14</sup> Scale became 33.3 cents and various commissions, on Sept. 1, 1917.<sup>15</sup> And various commissions.<sup>16</sup> Allowed 14 days off each year, with pay.<sup>17</sup> No scale in effect on May 15, 1916.<sup>18</sup> 60 hours and \$16 per week, October to March, inclusive.<sup>19</sup> Rate, in cents, per hour; 50 cents per hour for deliveries to hospitals, steamboats, and ice-cream manufacturers.<sup>20</sup> Work on Sundays prohibited.<sup>21</sup> 60 hours and \$15 per week, October to March, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur-ing year end-ing May 15, 1917, Sat-urday half hol-i-day pre-valled	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sun-days and hol-i-days.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
St. Louis, Mo.:									
Drivers, coal—	Cents.	Dolls.	Regular rate multi-plicated by—				Cents.	Dolls.	
1 horse.....	18.9	12.50	1	1 1/2	11 -11 -66	.....	.....	.....	
2 horses.....	24.2	16.00	1	1 1/2	11 -11 -66	.....	.....	.....	
2 horses, 5,000 pounds or under.....	20.5	13.50	1	1 1/2	11 -11 -66	.....	.....	.....	
3 horses.....	28.0	18.50	1	1 1/2	11 -11 -66	.....	.....	.....	
Drivers, department store—									
1 horse.....	23.3	14.00	2 1	1 1/2	10 -10 -60	.....	.....	.....	
2 horses.....	25.0	15.00	2 1	1 1/2	10 -10 -60	.....	.....	.....	
Drivers, moving—	28.3	17.00	1	1 1/2	10 -10 -60	.....	.....	.....	
Drivers, furniture—									
1 horse.....	27.5	16.50	3 1	1 1/2	10 -10 -60	.....	.....	.....	
2 horses.....	29.2	17.50	3 1	1 1/2	10 -10 -60	.....	.....	.....	
Drivers, general work—									
1-horse truck.....	20.6	13.00	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	
2-horse truck, under 5,000 pounds.....	23.3	14.70	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	
2-horse truck, over 5,000 pounds.....	26.2	16.50	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	
3-horse truck.....	28.1	17.70	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	
4-horse truck.....	30.0	18.90	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	
Drivers, grocery delivery—									
2 horses.....	21.2	14.00	1	1 1/2	11 -11 -66	.....	.....	.....	
2 horses, heavy trucks.....	22.7	15.00	1	1 1/2	11 -11 -66	.....	.....	.....	
3 horses, heavy trucks.....	24.2	16.00	1	1 1/2	11 -11 -66	.....	.....	.....	
Drivers, ice.....	28.8	19.00	1	10 30c	9 11 -11 -66	.....	27.3	11 18.00	
Drivers, milk—								11 -11 -66	
Retail.....	12.2	12 1/2 00	1	1	(13)	.....	14.3	12 14.00	
Do.....	13.3	13 00	1	1	(13)	.....	14.3	12 14.00	
Special.....	120.0	14.00	15 25c.	1	10 -10 -70	.....	14.3	14.00	
Station wagon, 2 horses.....	1621.4	15.00	15 35c.	1	10 -10 -70	.....	14.3	14.00	
Wholesale.....	1720.0	18 19.62	1	1	(13)	.....	14.3	14.00	
Do.....	1921.2	20 27.77	1	1	(13)	.....	14.3	14.00	
Drivers, public carriage.....	19.0	15.00	18 25c.	1	21 11 1/2 -11 1/2 -78 1/2	.....	.....	.....	
Drivers, pull-up.....	220.6	13.00	1	1 1/2	10 1/2 -10 1/2 -63	.....	.....	.....	

<sup>1</sup> For Labor Day, double time.<sup>2</sup> And 25 cents for supper, after 6 p. m.<sup>3</sup> Time and one-half after 1 hour.<sup>4</sup> Scale became 23 cents on Aug. 16, 1917.<sup>5</sup> Scale became 25.7 cents on Aug. 16, 1917.<sup>6</sup> Scale became 28.6 cents on Aug. 16, 1917.<sup>7</sup> Scale became 30.5 cents on Aug. 16, 1917.<sup>8</sup> Scale became 32.4 cents on Aug. 16, 1917.<sup>9</sup> 60 hours and \$17 per week, November to April, inclusive.<sup>10</sup> Rate, in cents, per hour, for Sunday; for holidays time and one-half.<sup>11</sup> 60 hours and \$15 per week, November to April, inclusive.<sup>12</sup> And various commissions.<sup>13</sup> Hours vary; total about 98 per week.<sup>14</sup> Scale became 20.7 cents on Sept. 1, 1917.<sup>15</sup> Rate, in cents, per hour.<sup>16</sup> Scale became 22.1 cents on Sept. 1, 1917.<sup>17</sup> Scale became 20.5 cents on Sept. 1, 1917.<sup>18</sup> For routes selling less than \$2,000 worth of milk each month.<sup>19</sup> Scale became 21.7 cents on Sept. 1, 1917.<sup>20</sup> For routes selling over \$2,000 worth of milk each month.<sup>21</sup> Allowed 2 days off each month, with pay.<sup>22</sup> Scale became 23.8 cents on Aug. 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.					
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—	Hours—Full day; Saturdays; Full week;				
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.			
<b>NORTH CENTRAL—concluded.</b>												
St. Louis, Mo.—Concluded. Drivers, tea and coffee—	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.				
Salesmen.....	33.3	18.00	1	1½	9 - 9 - 54	.....	(2)	(2)	(2)			
2-horse truck.....	30.6	16.50	1	1½	9 - 9 - 54	.....	(2)	(2)	(2)			
3-horse truck.....	32.8	17.70	1	1½	9 - 9 - 54	.....	(2)	(2)	(2)			
Drivers' helpers—												
Ice.....	25.0	15.00	1	8 30c.	10 - 10 - 60	.....	23.3	14.00	10 - 10 - 60			
1-horse wagon.....	25.8	15.50	4 1	1½	10 - 10 - 60	.....	.....	.....	.....			
2-horse truck.....	26.7	16.00	4 1	1½	10 - 10 - 60	.....	.....	.....	.....			
St. Paul, Minn.: Drivers, ice.....	33.7	20.19	1	(6)	10 - 10 - 60	.....	30.8	18.46	10 - 10 - 60			
Drivers, ice, 2 horses.....	31.0	18.60	1	1½	10 - 10 - 60	.....	27.5	16.50	10 - 10 - 60			
Drivers' helpers, ice.....	30.8	18.46	1	(6)	10 - 10 - 60	.....	28.9	17.31	10 - 10 - 60			
<b>SOUTH CENTRAL.</b>												
Dallas, Tex.: Drivers, ice delivery—	31.3	17.50	1	1	10 8 - 8 - 56	.....	.....	.....	.....			
Retail.....	27.5	19.25	1	1	10 - 10 - 70	.....	.....	.....	.....			
Wholesale.....												
Drivers' helpers, ice delivery—												
Retail.....	25.0	14.00	1	1	10 8 - 8 - 53	.....	.....	.....	.....			
Wholesale.....	20.0	14.00	1	1	11 10 - 10 - 70	.....	.....	.....	.....			
Houston, Tex.: Drivers, carriage.....	14.3	12.00	12 25c.	1	12 - 12 - 84	.....	.....	.....	.....			
Louisville, Ky.: Drivers.....	1821.9	10.50	1½	2	8 - 8 - 48	.....	(14)	(14)	(14)			
Teamsters.....	50.0	24.00	1½	2	8 - 8 - 48	.....	(14)	(14)	(14)			
Memphis, Tenn.: Drivers, laundry.....	16.7	10.00	1	(16)	10 - 10 - 60	.....	(2)	(2)	(2)			
Do.....	20.0	12.00	1	(16)	10 - 10 - 60	.....	(2)	(2)	(2)			
New Orleans, La.: Drivers, carriage.....	18.6	13.00	17 75c.	1	10 - 10 - 70	.....	17.1	12.00	10 - 10 - 70			
Teamsters and loaders.....	28.0	16.80	12 45c.	2	10 - 10 - 60	.....	.....	.....	.....			
<b>WESTERN.</b>												
Butte, Mont.: Drivers—												
2 horses.....	46.9	22.50	1	1	8 - 8 - 48	.....	43.8	21.00	8 - 8 - 48			
3 and 4 horses.....	53.1	25.50	1	1	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48			
6 horses.....	59.4	28.50	1	1	8 - 8 - 48	.....	56.3	27.00	8 - 8 - 48			
Drivers' helpers.....	46.9	22.50	1	1	8 - 8 - 48	.....	43.8	21.00	8 - 8 - 48			

<sup>1</sup> And 10 per cent commission on sales and collections above \$150 per week.<sup>2</sup> Not organized on May 15, 1916.<sup>3</sup> Rate, in cents, per hour, for Sunday; for holidays, time and one-half.<sup>4</sup> Time and one-half after 1 hour.<sup>5</sup> \$18.46 per week, November to April, inclusive.<sup>6</sup> \$3 per day.<sup>7</sup> \$16 per week, November to April, inclusive.<sup>8</sup> \$17.31 per week, November to April, inclusive.<sup>9</sup> \$16.15 per week, November to April, inclusive.<sup>10</sup> Hours vary, but total 56 per week.<sup>11</sup> Hours vary, but total 70 per week.<sup>12</sup> Rate, in cents, per hour.<sup>13</sup> Scale became 28.1 cents on Sept. 1, 1917.<sup>14</sup> No scale in effect on May 15, 1916.<sup>15</sup> And free washing to the extent of \$1 per week; and 15 per cent on all in excess of \$50 brought in.<sup>16</sup> For Sundays, \$3 per day; for holidays, regular rate.<sup>17</sup> Rate, in cents, per hour, after 10 p. m.<sup>18</sup> And 25 cents per day additional when copper sells at 15 cents or more per pound.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>WESTERN—continued.</b>									
Portland, Oreg.:									
Drivers—	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.		
Furniture wagon, 3 horses	32.5	19.50	1 1	1 1/2	10 -10 -60	(2)	20.0	(2) 12.00	
1-horse wagon.....	25.0	15.00	1 1	1 1/2	10 -10 -60	25.0	15.00	10 -10 -60	
2 horses, light wagon.....	27.5	16.50	1 1	1 1/2	10 -10 -60	.....	.....	10 -10 -60	
Over 2½ tons capacity.....	30.0	18.00	1 1	1 1/2	10 -10 -60	.....	.....	.....	
Drivers' helpers.....	27.5	16.50	1 1	1 1/2	10 -10 -60	.....	.....	.....	
Drivers' helpers, machinery wagon.....	30.0	18.00	1 1	1 1/2	10 -10 -60	.....	.....	.....	
Salt Lake City, Utah:									
Teamsters, building material.....	27.5	16.50	1 1/2	1 1/2	10 -10 -60	.....	.....	.....	
Teamsters, general.....	27.5	16.50	1 1/2	1 1/2	10 -10 -60	25.0	15.00	10 -10 -60	
San Francisco, Cal.:									
Driver, bakery wagon.....	\$35.0	21.00	1	1	\$10 -10 -60	.....	.....	.....	
Drivers, building material—									
2 horses.....	35.0	21.00	4 75c.	1 1/2	10 -10 -60	30.0	18.00	10 -10 -60	
2 horses, brick wagon.....	37.5	22.50	4 75c.	1 1/2	10 -10 -60	32.5	19.50	10 -10 -60	
4-horse wagon or 2-horse trucks.....	40.0	24.00	4 75c.	1 1/2	10 -10 -60	35.0	21.00	10 -10 -60	
6-horse wagon.....	50.0	30.00	4 75c.	1 1/2	10 -10 -60	45.0	27.00	10 -10 -60	
Drivers, department and hardware stores—									
1 horse.....	30.0	18.00	(5)	2	10 -10 -60	25.0	15.00	10 -10 -60	
2 horses.....	35.0	21.00	(5)	2	10 -10 -60	30.0	18.00	10 -10 -60	
Drivers, fruit wagon, 1 horse.....	38.3	23.00	4 50c.	1 1/2	10 -10 -60	33.3	20.00	10 -10 -60	
Drivers, grocery and liquor stores—									
1 horse.....	30.0	18.00	4 40c.	2	10 -10 -60	25.0	15.00	10 -10 -60	
2 horses.....	35.0	21.00	4 50c.	2	10 -10 -60	30.0	18.00	10 -10 -60	
Drivers, ice wagon.....	42.5	24.25	4 60c.	(6)	7 9½ - 9½ -57	36.5	21.92	7 10 -10 -60	
Drivers, milk—									
Route, wholesale and retail.....	35.7	22.50	4 50c.	1	8 9 - 9 - 63	33.0	20.77	8 9 - 9 - 63	
Route, relief.....	39.4	24.81	4 50c.	1	8 9 - 9 - 63	36.6	23.08	8 9 - 9 - 63	
Drivers, parcels—									
1 horse.....	32.5	19.50	(6)	2	10 -10 -60	27.5	16.50	10 -10 -60	
2 horses.....	35.0	21.00	(6)	2	10 -10 -60	30.0	18.00	10 -10 -60	
Drivers, general—									
1-horse small wagon.....	25.0	15.00	4 50c.	1 1/2	10 -10 -60	20.0	12.00	10 -10 -60	
1-horse large wagon or 2-horse wagon, under 2 tons capacity.....	30.0	18.00	4 50c.	1 1/2	10 -10 -60	25.0	15.00	10 -10 -60	
1-horse truck, or wagons of 2 to 4 tons capacity.....	35.0	21.00	4 60c.	1 1/2	10 -10 -60	30.0	18.00	10 -10 -60	
2-horse truck or wagon over 4 tons.....	40.0	24.00	4 60c.	1 1/2	10 -10 -60	35.0	21.00	10 -10 -60	
4-horse trucks or 6-horse plow teams.....	45.0	27.00	4 75c.	1 1/2	10 -10 -60	40.0	24.00	10 -10 -60	
Drivers' helpers, ice wagon.....	36.8	21.00	4 60c.	(6)	7 9½ - 9½ -57	32.5	19.50	7 10 -10 -60	

<sup>1</sup> Time and one-half after 1 hour.<sup>2</sup> Not organized on May 15, 1916.<sup>3</sup> Scale became 46.3 cents and 54 hours on May 21, 1917.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> \$1.50 per trip not exceeding 3 hours; for more than 3 hours, one day's pay.<sup>6</sup> Work 5 hours or less, paid for full day; more than 5 hours, paid for one and one-half days.<sup>7</sup> 9 hours per day, 54 per week, November to April, inclusive.<sup>8</sup> Allowed 4 days off each month, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Continued.

## TEAMSTERS AND DRIVERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>WESTERN—concluded.</b>										
Seattle, Wash.: Drivers—	Cents. Drivers—	Dolls. Bakery salesmen.....	Regular rate multiplied by— <sup>1</sup> 50c. <sup>1</sup> 50c.	10 -10 -60	.....	Cents. 33.3	Dolls. 20.00	10 -10 -60		
Bakery salesmen.....	38.3	23.00	<sup>1</sup> 50c. <sup>1</sup> 50c.	11 -11 -66	.....	29.5	19.50	11 -11 -66		
Wagons under 2 tons.....	25.0	16.50	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	.....					
Wagons over 2 tons.....	31.8	21.00	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{4}$	11 -11 -66	.....				
Furniture and baggage wagons.....	32.5	19.50	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	30.0	18.00	10 -10 -60	
Milk wagon.....	36.3	25.38	<sup>1</sup> 40c.	1	<sup>2</sup> 10 -10 -70	.....	29.7	20.77	* 10 -10 -70	
Heavy machinery wagon, 2-horse light combination wagon.....	37.5	22.50	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	35.0	21.00	10 -10 -60	
Coffee and tea.....	30.0	18.00	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	27.5	16.50	10 -10 -60	
Drivers' helpers.....	35.0	21.00	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	(4)	(4)	(4)	
Drivers' helpers, heavy machinery wagons.....	30.0	18.00	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	27.5	16.50	10 -10 -60	
Drivers' helpers, heavy machinery wagons.....	30.0	18.00	<sup>1</sup> $\frac{1}{2}$	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....				

## MISCELLANEOUS OCCUPATIONS.

<b>NORTH ATLANTIC.</b>									
New York, N. Y.: Floor men or wagon washers	24.2	16.00	<sup>1</sup> 25c.	<sup>5</sup> 1	6 10 -10 -66	.....	22.7	15.00	* 10 -10 -66
Loaders—									
Auto trucks.....	733.3	20.00	<sup>1</sup> 35c.	(8)	10 -10 -60	.....			
Fish.....	35.0	21.00	<sup>1</sup> 35c.	<sup>1</sup> $\frac{1}{2}$	9 10 -10 -60	.....			
Flour.....	36.7	22.00	1	<sup>10</sup> 1	10 -10 -60	.....			
Poultry.....	37.5	21.00	<sup>1</sup> 30c.	(11)	10 -10 -60	.....	30.0	18.00	10 -6 -56
Packers, furniture and storage.....	32.5	19.50	1	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	30.0	18.00	10 -10 -60
Packers, inside.....	31.7	19.00	1	<sup>1</sup> $\frac{1}{2}$	10 -10 -60	.....	(4)	(4)	(4)
Piano movers.....	33.3	18.00	<sup>1</sup> 45c.	2	9 -9 -54	.....			
Polishers and cabinet makers, furniture.....	731.7	19.00	<sup>1</sup> 30c.	(11)	<sup>12</sup> 10 -10 -60	.....			
Philadelphia, Pa.: Stablemen, lumber.....	26.2	16.00	<sup>1</sup> 40c.	<sup>13</sup> 1	11 -6 -61	1			
Providence, R. I.: Stablemen.....	22.5	16.00	<sup>1</sup> $\frac{1}{2}$	1	10 -10 -70	.....	20.0	14.00	10 -10 -70
Rochester, N. Y.: Stablemen.....	20.0	14.00	1	1	10 -10 -70	.....			
Scranton, Pa.: Stablemen.....	28.3	17.00	1	1	10 -10 -60	.....	17.9	15.00	<sup>14</sup> 12 -12 -84
Stablemen, milk.....	1520.0	14.00	1	1	<sup>16</sup> 10 -10 -70	.....			
Springfield, Mass.: Stablemen.....	25.7	18.00	<sup>1</sup> $\frac{1}{2}$	1	<sup>17</sup> 10 -10 -70	.....	(4)	(4)	(4)

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Allowed 7 days off every 3 months, with pay.<sup>3</sup> And 10 per cent commission on collections over \$150 per week.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Allowed every other Sunday and holiday off, with pay.<sup>6</sup> Work 6 hours on Sundays.<sup>7</sup> Scale became 35 cents on June 14, 1917.<sup>8</sup> Work on Sundays prohibited; Hebrew and other holidays off, with pay.<sup>9</sup> Scale became 54 hours on July 1, 1917.<sup>10</sup> Hebrew and other holidays off, with pay.<sup>11</sup> Work on Sundays and holidays prohibited.<sup>12</sup> 14 days off each year, with pay.<sup>13</sup> Time and one-half for holidays.<sup>14</sup> Allowed 2 days off each month, with pay.<sup>15</sup> Scale became 24.6 cents on July 22, 1917.<sup>16</sup> 1 week off each year, with pay. Scale became 65 hours on July 22, 1917.<sup>17</sup> Scale became 60 hours on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## CHAUFFEURS, TEAMSTERS, AND DRIVERS—Concluded.

## MISCELLANEOUS OCCUPATIONS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL.</b>									
Cincinnati, Ohio:									
Ice-house men and station men	Cents. 23.9	Dolls. 17.00	Regular rate multiplied by 1 40c.	1	Hours—Full day; Saturdays; Full week. 2 11 -11 -71	Cents. 20.8	Dolls. 17.50	Hours—Full day; Saturdays; Full week. 12 -12 -84	
Ice pullers	28.6	16.00	1 40c.	1	8 - 8 -56	20.8	17.50	12 -12 -84	
Piano movers	26.7	16.00	1 30c.	2 1 1/2	10 -10 -60	(4)	(4)	(4)	
Stable bosses	20.2	17.00	1 40c.	1	5 12 -12 -84	19.0	16.00	12 -12 -84	
Stablemen	19.0	16.00	1	1	12 -12 -84	17.9	15.00	12 -12 -84	
Stablemen	21.4	16.50	1 1/2	1	11 -11 -77	(4)	(4)	(4)	
Stablemen's helpers	17.9	15.00	1 40c.	1	5 12 -12 -84	16.7	14.00	12 -12 -84	
Wagon washers	22.9	16.00	1	1	6 10 -10 -70				
Cleveland, Ohio:									
Barn bosses, ice	28.0	18.50	1 30c.	1	7 10 -10 -66	27.3	18.00	7 10 -6 -66	
Packers, furniture	31.7	19.00	1 1/2	2	10 -10 -60	30.8	18.50	10 -10 -60	
Platform men, ice	21.5	15.50	1 30c.	1	7 10 -6 -66	22.7	15.00	7 10 -6 -66	
Warehousemen	31.7	19.00	1 1/2	2	10 -10 -60	30.8	18.50	10 -10 -60	
Yardmen, ice	23.5	15.50	1 30c.	1	7 10 -6 -66	22.7	15.00	7 10 -6 -66	
Detroit, Mich.:									
Ice cutters	38.3	23.00	1	1	10 -10 -60	(4)	(4)	(4)	
Ice druggers	35.0	21.00	1	1	10 -10 -60	(4)	(4)	(4)	
St. Louis, Mo.:									
Packers, furniture moving	28.3	17.00	1	1 1/2	10 -10 -60				
Stablemen	8 16.2	12.46	1	1	11 -11 -77				
Stablemen, dairies	9 15.4	12.92	1	1	12 -12 -84				
Stablemen, groceries	16.4	12.60	1	1	11 -11 -77				
<b>WESTERN.</b>									
Butte, Mont.: Stablemen	46.9	36.25	(11)	1	8 - 8 -56	43.8	24.50	8 - 8 -56	
San Francisco, Cal.:									
Brass polishers and floor men	1225.0	15.00	1	1	12 10 -10 -60				
Stable bosses	133.0	23.08	1	1	10 -10 -70				
Stablemen	130.0	21.00	1	1	10 -10 -70				
Washers, automobile	35.0	21.00	1	1	14 10 -10 -60				

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work 5 hours on Sundays.<sup>3</sup> Do not work on Sundays.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Allowed 1 day off every 2 weeks, with pay.<sup>6</sup> Every other Sunday off with pay.<sup>7</sup> Work 6 hours on Sundays.<sup>8</sup> Scale became 19.5 cents on Aug. 16, 1917.<sup>9</sup> Scale became 16.1 cents on Sept. 1, 1917.<sup>10</sup> 25 cents per day additional when copper sells above 15 cents per pound.<sup>11</sup> Overtime prohibited.<sup>12</sup> Scale became 33.3 cents and 54 hours on June 1, 1917.<sup>13</sup> Scale became 35 cents on July 1, 1917.<sup>14</sup> Scale became 54 hours on June 1, 1917.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 193

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

FREIGHT HANDLERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.:									
Coastwise vessels.....	Cents. 40.0	Dolls. 24.00	1½	2	10 -10 -60	Cents. 35.0	Dolls. 21.00	10 -10 -60	
Coal handlers.....	27.8	15.00	1½	1½	9 - 9 -54	24.4	13.20	9 - 9 -54	
Freight handlers.....	25.0	15.00	1	1	10 -10 -60	23.0	13.80	10 -10 -60	
General cargo.....	40.0	23.60	1 50c.	1½	10 - 9 -59				
Longshoremen.....	2 <sup>2</sup> 25.0	14.75	1½	1½	10 - 9 -59				
Sugar.....	50.0	29.50	1	1 60c.	10 - 9 -59				
Buffalo, N. Y.:									
Freight handlers and longshoremen.....	340.0	24.00	146.7c.	4 40c.	10 -10 -60				
Grain elevators—									
Elevator men.....	38.0	22.78	2	2	5 10 -10 -60	31.6	18.98	8 10 -10 -60	
Elevator men's helpers or car gang.....	30.0	18.00	2	2	7 10 -10 -60	25.0	15.00	8 10 -10 -60	
Package freight handlers....	9 35.0	21.00	1	1	10 -10 -60	(10)	(10)	(10)	
New York, N. Y.:									
Longshoremen.....	40.0	24.00	1½	n 2	10 -10 -60				
Coal handlers.....	30.0	18.00	1	1 45c.	10 -10 -60	(10)	(10)	(10)	
General cargo.....	35.0	21.00	1 50c.	1 65c.	10 -10 -60				
General cargo, coastwise trade.....	35.0	21.00	1 50c.	1 65c.	10 -10 -60	32.0	19.20	10-10 -60	
Handling fruit.....	35.0	21.00	1 60c.	1 80c.	10 -10 -60	32.0	19.20	10 -10 -60	
Munitions.....	80.0	48.00	1	1 21.60c.	10 -10 -60	(10)	(10)	(10)	
Philadelphia, Pa.:									
Longshoremen.....	40.0	24.00	1½	2	10 -10 -60	35.0	21.00	10 -10 -60	
Coal handlers, trimmers.....	40.0	24.00	1½	2	10 -10 -60	(10)	(10)	(10)	
Lumber handlers on ships.....	40.0	24.00	1½	2	10 -10 -60				
Lumber handlers on wharf.....	40.0	24.00	1½	2	10 -10 -60	30.0	18.00	10 -10 -60	
Oil in cases and barrels.....	55.0	33.00	1½	2	10 -10 -60	(10)	(10)	(10)	
War munitions.....	60.0	36.00	1½	2	10 -10 -60	(10)	(10)	(10)	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.:									
Grain loading at elevators—									
Dock men, floor men, machinemen, s'p out men, and trackmen.....	46.3	22.21	1½	2	8 - 8 -48	40.8	20.19	8½ - 8½ -49½	
Laborers.....	41.3	19.80	1½	2	8 - 8 -48	36.4	18.00	8½ - 8½ -49½	
Millwrights.....	58.2	27.92	1½	2	8 - 8 -48	51.3	25.38	8½ - 8½ -49½	
Mixers.....	55.5	26.65	1½	2	8 - 8 -48	48.9	24.23	8½ - 8½ -49½	
Oilers.....	43.4	20.82	1½	2	8 - 8 -48	38.2	18.92	8½ - 8½ -49½	
Stowlers.....	125.0	15.00	1	(14)	10 -10 -60	(10)	(10)	(10)	
Truckers.....	124.0	14.40	1	(14)	10 -10 -60	(10)	(10)	(10)	
Weighmen.....	52.1	25.00	1½	2	8 - 8 -48	45.9	22.73	8½ - 8½ -49½	
Cleveland, Ohio.....	45.0	27.00	1 55c.	1 55c.	10 -10 -60	40.0	24.00	10 -10 -60	

<sup>1</sup> Rate, in cents, per hour.

<sup>2</sup> Scale became 27.5 cents on May 28, 1917.

<sup>3</sup> Scale became 50 cents on May 28, 1917.

<sup>4</sup> Rate, in cents, per hour, except on Memorial and Thanksgiving Days, 45 cents. Do not work on Labor Day or July 4.

<sup>5</sup> 48 hours and \$22.78 per week, January to March, inclusive.

<sup>6</sup> 48 hours and \$18.98 per week, January to March, inclusive.

<sup>7</sup> 48 hours and \$18 per week, January to March, inclusive.

<sup>8</sup> 48 hours and \$15 per week, January to March, inclusive.

<sup>9</sup> Scale became 42 cents on May 18, 1917.

<sup>10</sup> No scale in effect on May 15, 1916.

<sup>11</sup> Rate, in cents, per hour for Sundays, Christmas, and July 4; other holidays, 50 cents per hour.

<sup>12</sup> Rate, in cents, per hour for Sundays, Christmas, and July 4; other holidays, single time.

<sup>13</sup> Scale became 29 cents on May 16 on railroad A; on other railroads, 29½ cents on June 16, 1917.

<sup>14</sup> Work 6 hours, paid for 10; double time for 10 hours' work.

<sup>15</sup> Scale became 28 cents on May 16 on railroad A; on other railroads on June 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## FREIGHT HANDLERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. dur-ing year end-ing May 15, 1917, Saturday half holiday pre-vailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL—concluded.</b>									
Milwaukee, Wis.: Coopers, repairmen.....	Cents. 31.4	Dolls. 22.00	1	1	10 - 10 - 70	.....	Cents. 30.0	Dolls. 21.00	
Package.....	45.0	27.00	1	1	10 - 10 - 60	.....	35.0	21.00	
Warehousemen.....	33.3	20.00	1	1	10 - 10 - 60	.....	26.7	16.00	
<b>SOUTH CENTRAL.</b>									
Houston, Tex.: Longshore-men.....	40.0	24.00	2	2	10 - 10 - 60	.....	30.0	18.00	
New Orleans, La.: Carmen.....	20.0	12.00	1 28½c.	1 28½c.	10 - 10 - 60	.....	.....	.....	
Coal handlers.....	40.0	24.00	1 70c.	1 70c.	10 - 10 - 60	.....	.....	.....	
Freight handlers.....	18.5	11.10	1 28½c.	1 28½c.	10 - 10 - 60	.....	.....	.....	
Grain trimmers and sack-ers.....	50.0	29.50	1½	2	10 - 9 - 59	.....	.....	.....	
Longshoremen and steve-dores.....	40.0	23.60	1½	2	10 - 9 - 59	.....	.....	.....	
Screw men.....	60.6	30.00	2	2	8½ - 8½ - 49½	.....	.....	.....	
Screw men, foremen.....	72.7	36.00	2	2	8½ - 8½ - 49½	.....	.....	.....	
Stave classers.....	35.0	18.90	1½	2	9 - 9 - 54	.....	.....	.....	
<b>WESTERN.</b>									
Los Angeles, Cal.: Loaders and unloaders, vessels.....	2 50.0	27.00	1 75c.	1 75c.	9 - 9 - 54	.....	.....	.....	
Coastwise vessels.....	8 55.0	29.70	1 100c.	1 100c.	9 - 9 - 54	.....	.....	.....	
Salvage work.....	100.0	54.00	1	1	9 - 9 - 54	.....	.....	.....	
Portland, Oreg.: Longshoremen— Grain handlers.....	4 45.0	24.30	1½	1½	9 - 9 - 54	.....	40.0	21.60	
Grain handlers.....	5 50.0	27.00	1½	1½	9 - 9 - 54	.....	45.0	24.30	
Lumber and paper han-dlers.....	3 55.0	29.70	1½	1½	9 - 9 - 54	.....	50.0	27.00	
Lumber handlers.....	6 50.0	27.00	1½	1½	9 - 9 - 54	.....	.....	.....	
General cargo, coastwise vessels.....	8 55.0	29.70	1½	1½	9 - 9 - 54	.....	.....	.....	
General cargo, foreign vessels.....	6 55.0	29.70	1 100c.	1 100c.	9 - 9 - 54	.....	.....	.....	
San Francisco, Cal.: Longshoremen— Coal handlers.....	7 55.0	29.70	1 100c.	1 100c.	9 - 9 - 54	.....	.....	.....	
Damaged cargoes and salvage work.....	8 100.0	54.00	1 100c.	1 100c.	9 - 9 - 54	.....	.....	.....	
General cargo, coastwise vessels.....	7 55.0	29.70	1 100c.	1 100c.	9 - 9 - 54	.....	50.0	27.00	
General freight.....	9 55.0	29.70	1 82½c.	1 82½c.	9 - 9 - 54	.....	9 - 9 - 54	.....	

<sup>1</sup> Rates, in cents, per hour.<sup>2</sup> Scale became 55 cents on July 16, 1917.<sup>3</sup> Scale became 60 cents on July 1, 1917.<sup>4</sup> Scale became 50 cents on July 1, 1917.<sup>5</sup> Scale became 55 cents on July 1, 1917.<sup>6</sup> Scale became 60 cents on June 12, 1917.<sup>7</sup> Scale became 75 cents on May 27, 1917.<sup>8</sup> Scale became 125 cents on May 27, 1917.<sup>9</sup> Scale became 65 cents on Aug. 1, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## GRANITE AND STONE TRADES.

## GRANITE CUTTERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
<b>NORTH ATLANTIC.</b>										
Boston, Mass.:	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Outside <sup>1</sup> .....	52.5	23.10	1½	2	8 - 4 - 44	12				
Outside <sup>2</sup> .....	75.0	33.00	1½	2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
Machine.....	53.1	23.38	1½	2	8 - 4 - 44	12				
Bridgeport, Conn.:										
Outside.....	52.5	23.10	1½	2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
Machine.....	53.0	23.32	1½	2	8 - 4 - 44	12				
Buffalo, N. Y.:										
Outside.....	56.3	24.75	1½	2	8 - 4 - 44	12				
Inside.....	53.1	23.38	1½	2	8 - 4 - 44	12				
Machine.....	62.5	27.50	1½	2	8 - 4 - 44	12				
Fall River, Mass.:										
Outside and machine.....	53.1	23.38	1½	2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
Manchester, N. H., inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
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				
New Haven, Conn.:										
Outside.....	53.0	23.32	1½	2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
New York, N. Y.:										
Outside.....	62.5	27.50	2	2	8 - 4 - 44	12				
Outside <sup>3</sup> .....	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.....	60.0	26.40	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Inside and machine.....	56.3	24.75	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Pittsburgh, Pa.:										
Outside.....	70.0	30.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44	
Inside and machine.....	54.4	23.93	2	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44	
Providence, R. I.:										
Outside and inside.....	50.0	22.00	1½	(4)	8 - 4 - 44	12				
Machine.....	55.0	24.20	1½	(4)	8 - 4 - 44	12				
Rochester, N. Y.:	54.0	23.76	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Springfield, Mass.:	50.0	22.00	2	2	8 - 4 - 44	12				
Worcester, Mass.:										
Outside and inside.....	50.0	22.50	5 1½	2	8 - 5 - 45	12				
Machine.....	53.0	23.85	5 1½	2	8 - 5 - 45	12				
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga. ....	50.0	22.00	6 1½	2	8 - 4 - 44	12				
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. ....	45.0	19.80	1½	2	8 - 4 - 44	12				
Richmond, Va.:										
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
Machine.....	53.1	23.38	1½	2	8 - 4 - 44	12				
Washington, D. C.:										
Outside and machine.....	56.3	24.75	1½	2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				

<sup>1</sup> Working for granite companies.<sup>2</sup> Working for building contractors.<sup>3</sup> Trim and fit stone cut outside of city.<sup>4</sup> Work prohibited.<sup>5</sup> Double time from darkness to daybreak.<sup>6</sup> Double time after 7 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## GRANITE AND STONE TRADES—Continued.

## GRANITE CUTTERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Rate of wages—			
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:	Cents.	Dollars.	Regular rate multiplied by—				Cents.	Dollars.		
Outside.....	75.0	33.00	1½	1 2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Inside and machine.....	56.3	24.75	1½	1 2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44	
Cincinnati, Ohio:										
Outside.....	62.5	27.50	1½	1 2	8 - 4 - 44	12				
Inside.....	50.0	22.00	1½	1 2	8 - 4 - 44	12				
Machine.....	57.0	25.08	1½	1 2	8 - 4 - 44	12				
Cleveland, Ohio:										
Outside.....	62.5	27.50	2 1½	2	8 - 4 - 44	12				
Inside and monumental.....	50.0	22.00	2 1½	2	8 - 4 - 44	12				
Machine.....	53.8	23.65	2 1½	2	8 - 4 - 44	12				
Des Moines, Iowa.....	50.0	22.00	1½	1 2	8 - 4 - 44	12				
Detroit, Mich.:										
Outside.....	62.5	27.50	1½	2	8 - 4 - 44	12				
Inside.....	51.3	22.55	1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Machine.....	56.3	24.75	1½	2	8 - 4 - 44	12	55.0	24.20	8 - 4 - 44	
Minneapolis, Minn.:										
Outside.....	69.4	30.53	1½	2	8 - 4 - 44	12				
Monumental.....	50.0	22.00	1½	2	8 - 4 - 44	12				
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.....	65.6	28.88	1½	2	8 - 4 - 44	12				
Monumental.....	50.0	22.00	1½	2	8 - 4 - 44	12				
<b>SOUTH CENTRAL.</b>										
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				
Louisville, Ky.:										
Outside.....	55.0	24.20	1½	2	8 - 4 - 44	12				
Inside and machine.....	50.0	22.00	1½	2	8 - 4 - 44	12				
New Orleans, La.:										
Inside.....	50.0	22.00	1½	2	8 - 4 - 44	12				
Machine.....	53.3	23.47	1½	2	8 - 4 - 44	12				
<b>WESTERN.</b>										
Butte, Mont.:										
Outside.....	61.3	35.75	2	2	8 - 4 - 44	12				
Inside.....	75.0	33.00	2	2	8 - 4 - 44	12				
Denver, Colo.:										
Inside.....	57.0	25.08	1½	2	8 - 4 - 44	12				
Machine.....	59.4	26.13	1½	2	8 - 4 - 44	12				
Los Angeles, Cal.:										
Outside.....	73.8	32.45	1½	2	8 - 4 - 44	12	72.5	31.90	8 - 4 - 44	
Inside.....	67.5	29.70	1½	2	8 - 4 - 44	12	66.3	29.15	8 - 4 - 44	
Trimming and fitting.....	70.6	31.08	1½	2	6 8 - 4 - 44	12	69.4	30.53	7 8 - 4 - 44	

<sup>1</sup> And on Saturday afternoons.<sup>2</sup> Double time after 8 p. m. and on Saturday afternoons.<sup>3</sup> Scale became 76.3 cents on Oct. 1, 1917.<sup>4</sup> Scale became 70 cents on Oct. 1, 1917.<sup>5</sup> Scale became 73.1 cents on Oct. 1, 1917.<sup>6</sup> 44 hours and \$33.55 per week, November to February, inclusive.<sup>7</sup> 44 hours and \$32.45 per week, November to February, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## GRANITE AND STONE TRADES—Continued.

## GRANITE CUTTERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
WESTERN—concluded.					Regular rate multiplied by—					
Portland, Oreg.:	Cents.	Dolls.					Cents.	Dolls.		
Outside.....	68.8	30.25	1½	1 2	8 - 4 - 44	12	.....	.....		
Inside and machine.....	62.5	27.50	1½	1 2	8 - 4 - 44	12	.....	.....		
Salt Lake City, Utah.:										
Inside.....	62.5	27.50	2	2	8 - 4 - 44	12	.....	.....		
Outside and machine.....	68.8	30.25	2	2	8 - 4 - 44	12	.....	.....		
San Francisco, Cal.:										
Outside.....	273.8	32.45	2	2	8 - 4 - 44	12	72.5	31.90	8 - 4 - 44	
Inside.....	267.5	29.70	2	2	8 - 4 - 44	12	66.3	29.15	8 - 4 - 44	
Seattle, Wash.:										
Outside.....	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	.....	.....		

## STONECUTTERS.

NORTH ATLANTIC.									
Boston, Mass.:									
Outside.....	70.0	30.80	2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44
Inside.....	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Bridgeport, Conn.:	56.3	24.75	1½	2	8 - 4 - 44	12	.....	.....	
Buffalo, N. Y.:	62.5	27.50	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Newark, N. J.:									
First class.....	68.8	30.25	1½	1½	8 - 4 - 44	12	.....	.....	
Second class.....	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	(6)	(6)	8 - 4 - 44	12	.....	.....	
Second class.....	62.5	27.50	(6)	(6)	8 - 4 - 44	12	.....	.....	
Bluestone.....	62.5	27.50	2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Philadelphia, Pa.:									
Outside.....	70.0	30.80	1½	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44
Inside.....	65.0	28.60	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Pittsburgh, Pa.:	62.5	27.50	1½	2	8 - 4 - 44	12	.....	.....	
Providence, R. I.:	62.5	27.50	(6)	(6)	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Rochester, N. Y.:	60.0	26.40	1½	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44
Scranton, Pa.:									
Outside and inside.....	50.0	22.00	1½	2	8 - 4 - 44	12	.....	.....	
Machine.....	50.0	27.00	1½	2	9 - 9 - 54	12	.....	.....	
Springfield, Mass.:	56.3	24.75	1½	2	8 - 4 - 44	12	.....	.....	
SOUTH ATLANTIC.									
Atlanta, Ga.:	50.0	22.00	1½	2	8 - 4 - 44	12	.....	.....	
Baltimore, Md.:	56.3	24.75	(6)	(6)	8 - 4 - 44	12	.....	.....	
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	.....	.....	

<sup>1</sup> For Sundays; for holidays, time and one-half.<sup>2</sup> Scale became 76.3 cents on Oct. 1, 1917.<sup>3</sup> Scale became 70 cents on Oct. 1, 1917.<sup>4</sup> Scale became 60 cents on Aug. 15, 1917.<sup>5</sup> Work prohibited.<sup>6</sup> Scale became 65 cents on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## GRANITE AND STONE TRADES—Concluded.

## STONECUTTERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<i>Regular rate multiplied by—</i>										
NORTH CENTRAL.	Cents.	Dolls.					Cents.	Dolls.		
Chicago, Ill.	70.0	30.80	(1)	(1)	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44	
Cincinnati, Ohio	65.0	27.50	2 1/2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Cleveland, Ohio	70.0	30.80	1 1/2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Columbus, Ohio	60.0	26.40	(1)	(1)	8 - 4 - 44	12				
Detroit, Mich.: Outside	70.0	30.80	1 1/2	2	8 - 4 - 44	12	65.0	28.60	8 - 4 - 44	
Machine	60.0	26.40	1 1/2	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Grand Rapids, Mich.	62.5	27.50	(1)	(1)	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Indianapolis, Ind.	62.5	27.50	6 1/2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Kansas City, Mo.	62.5	27.50	1 1/2	2	8 - 4 - 44	12				
Milwaukee, Wis.	62.5	27.50	1 1/2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Minneapolis, Minn.	62.5	27.50	2	2	8 - 4 - 44	12				
Omaha, Nebr.	62.5	27.50	1 1/2	2	8 - 4 - 44	12	58.8	25.85	8 - 4 - 44	
Peoria, Ill.	50.0	22.00	2	2	8 - 4 - 44	12				
St. Louis, Mo.	62.5	27.50	1 1/2	2	8 - 4 - 44	12				
St. Paul, Minn.	62.5	27.50	1 1/2	2	8 - 4 - 44	12	60.0	26.40	8 - 4 - 44	
SOUTH CENTRAL.										
Birmingham, Ala.	50.0	22.00	1 1/2	2	8 - 4 - 44	12				
Dallas, Tex.	75.0	33.00	1 1/2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Houston, Tex.	75.0	33.00	1 1/2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Little Rock, Ark.	55.0	24.20	1 1/2	2	8 - 4 - 44	12				
Louisville, Ky.	60.0	26.40	1 1/2	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Memphis, Tenn.	65.0	28.60	1 1/2	2	8 - 4 - 44	12				
Nashville, Tenn.	55.0	24.20	1 1/2	2	8 - 4 - 44	12				
WESTERN.										
Denver, Colo.	762.5	27.50	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.	70.0	30.80	1 1/2	2	8 - 4 - 44	12				
Seattle, Wash.	70.0	30.80	1 1/2	2	8 - 4 - 44	12				
Spokane, Wash.	70.0	30.80	1 1/2	2	8 - 4 - 44	12				

## METAL TRADES.

## BLACKSMITHS.

NORTH ATLANTIC.									
Boston, Mass.: Railroad shops, road A	\$32.0	17.28	1 1/2	1 1/2	9 9 - 8 - 53	.....	30.5	16.47	9 9 - 8 - 53
Railroad shops, road B	1034.5	18.29	1 1/2	1 1/2	9 - 8 - 53	.....	30.5	16.17	9 - 8 - 53
Buffalo, N. Y.: Manufacturing shops	55.0	27.50	1 1/2	2	9 - 5 - 56	12			
Jobbing shops	55.0	29.70	1 1/2	2	9 - 9 - 54	.....	50.0	27.00	9 - 9 - 54
New Haven, Conn.: Railroad shops	\$32.0	17.28	1 1/2	1 1/2	9 9 - 8 - 53	.....	30.5	16.47	9 9 - 8 - 53

<sup>1</sup> Work prohibited.<sup>2</sup> Double time on Saturday afternoons.<sup>3</sup> 80 cents on work partly finished outside of city and for contractors not regularly employing stonecutters.<sup>4</sup> And on Saturday afternoons.<sup>5</sup> Double time after 2 hours.<sup>6</sup> Scale became 60 cents on June 10, 1917.<sup>7</sup> Scale became 75 cents on Aug. 1, 1917.<sup>8</sup> Scale became 35 cents on June 1, 1917.<sup>9</sup> Work 53 hours, paid for 54.<sup>10</sup> Scale became 39.5 cents on Sept. 10, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—concluded.										
New York, N. Y.: Manufacturing and jobbing shops—					Regular rate multiplied by—					
Manhattan, Bronx, and Queens.....	Cents. 53.1	Dolls. 25.50	2	2½	8 - 8 - 48		Cents. ....	Dolls. ....		
Brooklyn.....	56.3	27.00	2	2½	8 - 8 - 48					
Philadelphia, Pa.: Manufacturing shops, A.....	44.4	24.00	1½	2	9 - 9 - 54		(1)	(1)	(1)	
Manufacturing shops, B.....	50.0	24.00	1½	2	8 - 8 - 48		(1)	(1)	(1)	
Railroad shops.....	37.0	19.98	1½	1½	9 - 9 - 54					
Pittsburgh, Pa.: Manufacturing shops.....	46.9	22.50	1½	2	* 8 - 8 - 48		37.5	18.00	* 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.....	45.0	24.30	1½	1½	9 - 9 - 54		39.0	21.06	9 - 9 - 54	
SOUTH ATLANTIC.										
Atlanta, Ga.: Manufacturing and jobbing shops.....	39.0	23.40	1½	1½	10 - 10 - 60		37.5	22.50	10 - 10 - 60	
Railroad shops, roads A and B.....	* 42.0	22.68	1½	1½	* 9 - 9 - 54					
Railroad shops, road E.....	35.0	18.90	1½	1½	9 - 9 - 54					
Charleston, S. C.: Manufacturing and jobbing shops.....	41.7	22.50	1½	1½	9 - 9 - 54					
Railroad shops, road A.....	* 42.0	22.68	1½	1½	* 9 - 9 - 54		42.0	20.16	* 8 - 8 - 48	
Railroad shops, road B.....	* 36.0	19.44	1½	1½	* 9 - 9 - 54					
Jacksonville, Fla.: Railroad shops, road C— Heavy fires, locomotive works.....	644.0	23.76	1½	1½	* 9 - 9 - 54		44.0	22.00	* 9 - 5 - 50	
Light fires, locomotive works.....	* 42.0	22.68	1½	1½	* 9 - 9 - 54		42.0	21.00	* 9 - 5 - 50	
Light fires, car work.....	* 36.0	19.44	1½	1½	* 9 - 9 - 54		36.0	18.00	* 9 - 5 - 50	
Railroad shops, road D.....	* 44.0	27.72	1½	1½	* 9 - 9 - 63					
Railroad shops, road E.....	* 44.0	23.76	1½	1½	* 9 - 9 - 54		44.0	22.00	* 9 - 5 - 50	
Richmond, Va.: Manufacturing shops.....	35.0	19.25	1½	2	10 - 5 - 55	12				
Locomotive works.....	40.0	20.00	1½	2	9 - 5 - 50	12				
Hammermen, locomotive works.....	70.0	35.00	1½	2	9 - 5 - 50	12				
Railroad shops, road A.....	* 36.0	19.44	1½	1½	* 9 - 9 - 54		36.9	19.90	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					

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>4</sup> Hours worked; maximum, 9 per day, 54 per week.<sup>5</sup> Under agreement of Aug. 23, scale became 44.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>6</sup> Under agreement of Aug. 23, scale became 52.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>7</sup> Under agreement of Aug. 23, scale became 49.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>8</sup> Under agreement of Aug. 23, scale became 48.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—						Rate of wages—			
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:	Cents.	Dolls.	Regular rate multi- plied by—				Cents.	Dolls.		
Manufacturing shops.....	56.0	24.64	2	2	8 - 4-44	12	48.0	21.12		
Manufacturing and jobbing shops.....	56.0	26.88	2	2	8 - 8-48	.....	46.2	22.87		
Hammermen, manufac- turing shops.....	70.0	33.60	2	2	8 - 8-48	.....	63.0	31.19		
Outside.....	75.0	33.00	2	2	8 - 4-44	12	.....	9 - 41-49½		
Railroad shops, road A.....	42.0	22.68	1½	1½	9 - 9-54	.....	.....	.....		
Railroad shops, road B.....	43.5	23.49	1½	1½	9 - 9-54	.....	.....	.....		
Railroad shops, road C.....	243.5	23.44	1½	1½	8 9 - 8-53	.....	41.0	22.09		
First fire.....	47.0	25.33	1½	1½	8 9 - 8-53	.....	44.5	23.98		
Second fire.....	45.0	24.25	1½	1½	8 9 - 8-53	.....	42.5	22.90		
Bolt makers, chain fire and flue welders.....	39.5	21.28	1½	1½	8 9 - 8-53	.....	37.0	19.94		
Heaters.....	736.0	19.40	1½	1½	8 9 - 8-53	.....	33.5	18.05		
Railroad shops, road D.....	41.0	22.14	1½	1½	9 - 9-54	.....	.....	.....		
Railroad shops, road E.....	43.5	23.49	1½	1½	8 9 - 9-54	.....	41.0	22.14		
Hammermen, road E.....	955.5	29.97	1½	1½	9 - 9-54	.....	.....	.....		
Railroad shops, road F.....	50.0	27.00	1	1	9 - 9-54	.....	42.0	22.68		
Indianapolis, Ind.:										
Railroad shops, road A—										
General fire.....	38.5	20.79	1½	1½	10 9 - 9-54	.....	36.0	19.44		
Heavy fire.....	40.5	21.87	1½	1½	10 9 - 9-54	.....	38.0	20.52		
Railroad shops, road B—										
General fire.....	38.5	20.79	1½	1½	9 - 9-54	.....	34.5	18.63		
Heavy fire.....	41.5	22.41	1½	1½	9 - 9-54	.....	37.5	20.25		
Railroad shops, road C.....	138.0	20.52	1½	1½	9 - 9-54	.....	35.0	18.90		
Kansas City, Mo.:										
Railroad shops, road A.....	1240.0	21.60	1½	1½	9 - 9-54	.....	36.0	19.44		
Railroad shops, road B.....	40.0	19.20	1½	1½	8 - 8-48	.....	35.0	16.80		
Railroad shops, road C.....	43.5	23.49	1½	1½	9 - 9-54	.....	39.0	21.06		
Railroad shops, road D.....	43.5	23.49	1½	1½	9 - 9-54	.....	41.0	22.14		
Railroad shops, road E—										
First fire.....	47.5	25.59	1½	1½	13 9 - 8-53	.....	45.0	24.25		
Second fire.....	45.5	24.52	1½	1½	13 9 - 8-53	.....	43.0	23.17		
Light fire.....	38.5	20.74	1½	1½	13 9 - 8-53	.....	36.0	19.40		
Railroad shops, road F.....	43.5	23.44	1½	1½	13 9 - 8-53	.....	39.0	21.01		
Railroad shops, road H—										
Frame fire.....	46.5	25.11	1½	1½	9 - 9-54	.....	44.0	23.76		
Heavy car fire or engine fire.....	44.0	23.76	1½	1½	9 - 9-54	.....	41.5	22.41		
Ordinary fire.....	37.0	19.98	1½	1½	9 - 9-54	.....	34.5	18.63		
Railroad shops, road J.....	43.5	23.49	1½	1½	9 - 9-54	.....	40.0	21.60		
Railroad shops, road K.....	41.0	22.14	1½	1½	9 - 9-54	.....	40.0	21.60		
Milwaukee, Wis.:										
Railroad shops.....	1432.5	16.58	15 1½	15 1½	16 9 - 5-50	5	31.5	16.07		
Forging machine.....	1432.5	16.58	15 1½	15 1½	14 9 - 5-50	5	30.0	15.30		
Trip-hammer men.....	1735.0	17.85	15 1½	15 1½	14 9 - 5-50	5	30.5	15.56		
Hammermen.....	1845.5	23.21	15 1½	15 1½	16 0 - 5-50	5	37.5	19.13		

<sup>1</sup> Scale became 52 cents on July 5 and 48 hours on Sept. 1, 1917.

<sup>2</sup> Scale became 52 cents on June 1, 1917.

<sup>3</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Sept. 1, 1917.

<sup>4</sup> Scale became 55.5 cents on June 1, 1917.

<sup>5</sup> Scale became 53.5 cents on June 1, 1917.

<sup>6</sup> Scale became 48 cents on June 1, 1917.

<sup>7</sup> Scale became 43.5 cents on June 1, 1917.

<sup>8</sup> Scale became 52 cents on May 28 and 48 hours on June 13, 1917.

<sup>9</sup> Scale became 58 cents on May 28 and 48 hours on Sept. 1, 1917.

<sup>10</sup> Scale became 50 hours on Aug. 1, 1917.

<sup>11</sup> Scale became 47 cents on July 16, 1917.

<sup>12</sup> Scale became 41.5 cents on May 16, 1917.

<sup>13</sup> Work 53 hours, paid for 53 hours and 53 minutes.

<sup>14</sup> Scale became 44 cents on May 28, 1917.

<sup>15</sup> Double time after midnight.

<sup>16</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.

<sup>17</sup> Scale became 44.5 cents on May 28, 1917.

<sup>18</sup> Scale became 54 cents on May 28, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours—Full day; Saturdays; Full week;	Rate of wages—		Hours—Full day; Saturdays; Full week;	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Minneapolis, Minn.:										
Railroad shops, road A—	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Heavy fire.....	47.5	24.23	1½	1½	19 - 5-50	5	44.5	22.70		
Second fire.....	45.5	23.21	1½	1½	19 - 5-50	5	43.0	21.93		
General fire.....	44.0	22.44	1½	1½	19 - 5-50	5	41.5	21.17		
Do.....	42.0	21.42	1½	1½	19 - 5-50	5	39.5	20.15		
Do.....	40.5	20.66	1½	1½	19 - 5-50	5	38.0	19.38		
General car fire.....	39.5	20.15	1½	1½	19 - 5-50	5	37.0	18.87		
Railroad shops, road B—										
Big fire.....	47.0	23.97	1½	1½	19 - 5-50	5	44.5	22.70		
Spring fire.....	44.5	22.70	1½	1½	19 - 5-50	5	42.0	21.42		
Tool fire.....	44.0	22.44	1½	1½	19 - 5-50	5	41.5	21.17		
General fire.....	43.5	22.19	1½	1½	19 - 5-50	5	41.0	20.91		
Do.....	47.5	24.23	1½	1½	19 - 5-50	5	45.0	22.95		
Mixed fire.....	41.0	20.91	1½	1½	19 - 5-50	5	38.5	19.64		
Light fire.....	38.5	19.64	1½	1½	19 - 5-50	5	36.0	18.36		
Railroad shops, road C—										
Big fire.....	248.5	24.74	1½	1½	39 - 5-50	5	—	—		
Spring fire.....	46.5	23.72	1½	1½	39 - 5-50	5	—	—		
Tool fire.....	46.0	23.46	1½	1½	39 - 5-50	5	—	—		
General fire.....	64.5	22.19	1½	1½	39 - 5-50	5	—	—		
Do.....	54.5	23.21	1½	1½	39 - 5-50	5	—	—		
Mixed fire.....	742.5	21.68	1½	1½	39 - 5-50	5	—	—		
Moline, Ill.:										
Railroad shops.....	843.5	23.44	1½	1½	9 9 - 8-53	—	41.0	22.09		
St. Louis, Mo.:										
Manufacturing shops.....	40.0	21.60	1½	1½	9 - 9-54	—	33.3	18.00		
Outside.....	165.0	28.60	2	2	8 - 4-44	12	—	—		
Railroad shops, road A—										
Engine fire.....	44.0	23.76	1½	1½	10 9 - 8-53	—	41.5	22.36		
Car fire.....	32.5	17.23	1½	1½	9 - 8-53	—	29.0	15.37		
Railroad shops, road B—										
First fire.....	1247.5	25.59	1½	1½	10 9 - 8-53	—	45.0	24.25		
Second fire.....	1845.5	24.52	1½	1½	10 9 - 8-53	—	43.0	23.17		
Miscellaneous fire.....	1442.5	22.90	1½	1½	10 9 - 8-53	—	40.0	21.55		
Light fire.....	1388.5	20.74	1½	1½	10 9 - 8-53	—	36.0	19.40		
Bolt makers.....	1832.5	17.23	1½	1½	9 - 8-53	—	30.0	15.90		
Railroad shops, road C—										
Big fire.....	1849.0	26.46	17 1½	1½	16 9 - 9-54	—	46.5	25.11		
Second fire.....	1845.5	24.57	1½	1½	18 9 - 9-54	—	42.0	22.68		
Miscellaneous fire.....	1843.5	23.49	1½	1½	19 - 9 - 9-54	—	41.0	22.14		
Do.....	1943.0	23.22	1½	1½	19 - 9 - 9-54	—	39.0	21.06		
Light fire.....	2039.5	21.33	1½	1½	20 9 - 9 - 9-54	—	34.5	18.63		
Car fire.....	2039.5	21.33	1½	1½	20 9 - 9 - 9-54	—	—	9 - 9 - 54		
Railroad shops, road E—										
Big fire.....	52.5	25.20	2	2	8 - 8-48	—	—	—		

<sup>1</sup> Work 50 hours, paid for 51; 53 hours, paid for 54.<sup>2</sup> October to April, inclusive.<sup>3</sup> Scale became 56 cents on June 1, 1917.<sup>4</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive. Scale became 48 hours on June 1, 1917.<sup>5</sup> Scale became 54 cents on June 1, 1917.<sup>6</sup> Scale became 53 cents on June 1, 1917.<sup>7</sup> Scale became 51 cents on June 1, 1917.<sup>8</sup> Scale became 50 cents on June 1, 1917.<sup>9</sup> Scale became 52 cents on June 1, 1917.<sup>10</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>11</sup> Scale became 70 cents on June 1, 1917.<sup>12</sup> Scale became 53 cents on June 27, 1917.<sup>13</sup> Scale became 51 cents on June 27, 1917.<sup>14</sup> Scale became 50 cents on June 27, 1917.<sup>15</sup> Scale became 44 cents on June 27, 1917.<sup>16</sup> Scale became 55 cents on July 1, and 48 hours on Sept. 1, 1917.<sup>17</sup> Double time after midnight.<sup>18</sup> Scale became 53 cents on July 1 and 48 hours on Sept. 1, 1917.<sup>19</sup> Scale became 52 cents on July 1 and 48 hours on Sept. 1, 1917.<sup>20</sup> Scale became 45 cents on July 1 and 48 hours on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour	Per week full time.	
NORTH CENTRAL—concluded.									
St. Louis, Mo.—Concluded.	Cents. Dols.	Dols.	Regular rate multiplied by—			Cents. Dols.	Dols.		
Railroad shops, road F—	1 42.0	22.68	1½	1½	9 - 9 - 54	41.5	22.41	9 - 9 - 54	
Railroad shops, road G—	43.5	23.44	1½	1½	2 9 - 8 - 53	40.0	21.55	2 9 - 8 - 53	
Railroad shops, road H—	53.0	28.56	1½	1½	2 9 - 8 - 53	41.5	22.36	2 9 - 8 - 53	
Railroad shops, road I—	3 40.0	21.60	1½	1½	9 - 9 - 54	.....	.....	.....	
St. Paul, Minn.: Railroad shops, road A—									
First heavy fire.....	48.5	24.74	1½	1½	4 9 - 5 - 50	5	46.0	23.46	
Second heavy fire.....	46.5	23.72	1½	1½	4 9 - 5 - 50	5	44.0	22.44	
General fire.....	45.5	23.21	1½	1½	4 9 - 5 - 50	5	43.0	21.93	
Railroad shops, road B—									
First heavy fire.....	48.5	24.74	1½	1½	4 9 - 5 - 50	5	46.0	23.46	
Second heavy fire.....	46.5	23.72	1½	1½	4 9 - 5 - 50	5	44.0	22.44	
General fires.....	45.5	23.21	1½	1½	4 9 - 5 - 50	5	43.0	21.93	
Do.....	43.5	22.19	1½	1½	4 9 - 5 - 50	5	41.0	20.91	
General car fire.....	40.5	20.66	1½	1½	4 9 - 5 - 50	5	38.0	29.38	
Railroad shops, road C—									
Heavy fire.....	45.5	23.21	1½	1½	4 9 - 5 - 50	5	43.0	21.73	
Tool fire.....	43.5	22.19	1½	1½	4 9 - 5 - 50	5	41.0	20.91	
General fires.....	42.5	21.68	1½	1½	4 9 - 5 - 50	5	40.0	20.40	
General car fires.....	41.5	21.17	1½	1½	4 9 - 5 - 50	5	39.0	19.89	
Mixed fires.....	41.0	20.91	1½	1½	4 9 - 5 - 50	5	38.5	19.64	
Wichita, Kans.: Railroad shops, road A—	3 35.0	18.90	1½	1½	6 9 - 9 - 54	.....	.....	.....	
Railroad shops, road B—									
Big fire.....	46.5	21.86	1½	1½	7 8 - 7 - 47	43.0	20.21	8 8 - 7 - 47	
Other fires.....	44.0	23.76	1½	1½	10 9 - 8 - 53	41.5	22.41	2 9 - 8 - 53	
SOUTH CENTRAL.									
Birmingham, Ala.: Manufacturing shops.....	55.0	33.00	1½	1½	10 - 10 - 60	50.0	30.00	10 - 10 - 60	
Railroad shops, road B—	41.0	22.14	1½	1½	9 - 9 - 54	.....	.....	.....	
Railroad shops, roads D and E—	1 42.0	22.68	1½	1½	11 9 - 9 - 54	.....	.....	.....	
Railroad shops, road F—	1 42.5	22.95	1½	1½	12 9 - 9 - 54	.....	.....	.....	
LITTLE ROCK, Ark.: Railroad shops, road A—	1 45.0	24.25	1½	1½	2 9 - 8 - 53	42.5	22.90	2 9 - 8 - 53	
Flue welders.....	42.5	22.90	1½	1½	2 9 - 8 - 53	40.5	21.82	2 9 - 8 - 53	
Car work.....	39.5	21.28	1½	1½	2 9 - 8 - 53	31.5	16.97	2 9 - 8 - 53	

<sup>1</sup> Scale became 47 cents on June 1, 1917.<sup>2</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>3</sup> Scale became 50 cents on June 16, 1917.<sup>4</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>5</sup> Scale became 45.5 cents and 48 hours on Oct. 1, 1917.<sup>6</sup> Scale became 52.5 cents on Sept. 1, 1917.<sup>7</sup> Work 47 hours, paid for 47 hours and 47 minutes. Scale became 48 hours on Sept. 1, 1917.<sup>8</sup> Work 47 hours, paid for 47 hours and 47 minutes.<sup>9</sup> Scale became 50 cents on Sept. 1, 1917.<sup>10</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Sept. 1, 1917.<sup>11</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>12</sup> Under agreement of Aug. 23, scale became 51 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>13</sup> Scale became 50 cents on June 27, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
<b>SOUTH CENTRAL—concluded.</b>									
Little Rock, Ark.—Concl'd. Railroad shops, road B—	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.		
First fire.....	147.5	25.59	1½	1½	2 9 - 8 - 53	45.0	24.25	2 9 - 8 - 53	
Second fire.....	145.5	24.52	1½	1½	2 9 - 8 - 53	43.0	23.17	2 9 - 8 - 53	
Miscellaneous fires.....	142.5	22.90	1½	1½	2 9 - 8 - 53	40.0	21.55	2 9 - 8 - 53	
Forging machine.....	145.5	24.52	1½	1½	2 9 - 8 - 53	40.0	21.55	2 9 - 8 - 53	
Light fire.....	138.5	20.75	1½	1½	2 9 - 8 - 53	36.0	19.40	2 9 - 8 - 53	
Hammermen.....	137.5	29.21	1½	1½	2 9 - 8 - 53	35.0	18.86	2 9 - 8 - 53	
Bulldozer hammermen.....	136.0	19.40	1½	1½	2 9 - 8 - 53	33.5	18.05	2 9 - 8 - 53	
Louisville, Ky.: Railroad shops.....	138.5	24.26	1½	1½	6 9 - 9 - 63	36.5	23.00	9 - 9 - 54	
Memphis, Tenn.: Railroad shops—									
Frame fire.....	146.5	25.11	1½	1½	9 - 9 - 54	44.0	23.76	9 - 9 - 54	
Engine fire.....	145.0	24.30	1½	1½	9 - 9 - 54	42.5	22.95	9 - 9 - 54	
Car fire.....	132.5	17.55	1½	1½	9 - 9 - 54	30.0	16.20	9 - 9 - 54	
New Orleans, La.: Manufacturing shops.....	36.1	19.50	2	2	9 - 9 - 54				
Railroad shops.....	42.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14	9 - 9 - 54	
<b>WESTERN.</b>									
Butte, Mont.: Manufacturing and jobbing shops.....	56.3	1027.00	1½	2	8 - 8 - 48				
Mines, smelters or concentrators.....	56.3	1031.50	1½	1	8 - 8 - 56				
Denver, Colo.: Manufacturing and jobbing shops—	150.0	27.00	1½	1½	11 9 - 9 - 54	41.0	22.14	9 - 6 - 54	
Railroad shops, road A—									
First and frame fire.....	1248.9	23.45	1½	1½	8 - 8 - 48	47.4	22.73	8 - 8 - 48	
Second and spring fire.....	1346.1	22.13	1½	1½	8 - 8 - 48	44.6	21.41	8 - 8 - 48	
General fire.....	1445.0	21.60	1½	1½	8 - 8 - 48	43.5	20.88	8 - 8 - 48	
Bolt makers.....	1542.8	20.54	1½	1½	8 - 8 - 48	40.3	19.34	8 - 8 - 48	
First car fire.....	1441.5	19.92	1½	1½	8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Hammermen.....	139.5	18.96	1½	1½	8 - 8 - 48	38.0	18.24	8 - 8 - 48	
General car fire.....	137.3	17.88	1½	1½	8 - 8 - 48	35.8	17.16	8 - 8 - 48	
Railroad shops, road B—									
First fire.....	54.0	25.92	1½	1½	8 - 8 - 48	46.0	22.08	8 - 8 - 48	
Second fire.....	52.0	24.96	1½	1½	8 - 8 - 48	43.0	20.64	8 - 8 - 48	
Railroad shops, road D—									
First fire.....	1247.5	22.80	1½	1½	8 - 8 - 48	46.0	24.84	8 - 8 - 48	
General fire.....	1443.5	20.88	1½	1½	8 - 8 - 48	42.0	20.16	8 - 8 - 48	
Railroad shops, road F....	50.0	24.00	1½	1½	8 - 8 - 48	42.0	20.16	8 - 8 - 48	

<sup>1</sup> Scale became 53 cents on June 27, 1917.<sup>2</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>3</sup> Scale became 51 cents on June 27, 1917.<sup>4</sup> Scale became 50 cents on June 27, 1917.<sup>5</sup> Scale became 44 cents on June 27, 1917.<sup>6</sup> Under agreement of Aug. 23, scale became 50 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>7</sup> Scale became 54.5 cents on Oct. 1, 1917.<sup>8</sup> Scale became 53 cents on Oct. 1, 1917.<sup>9</sup> Scale became 45.5 cents on Oct. 1, 1917.<sup>10</sup> 25 cents per day additional when electrolytic copper sells at or above 15 cents per pound.<sup>11</sup> Scale became 52 cents and 48 hours on July 1, 1917.<sup>12</sup> Scale became 54 cents on June 1, 1917.<sup>13</sup> Scale became 51 cents on June 1, 1917.<sup>14</sup> Scale became 50 cents on June 1, 1917.<sup>15</sup> Scale became 47.8 cents on June 1, 1917.<sup>16</sup> Scale became 44.5 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 13, 1917, Saturday half-holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
WESTERN—concluded.										
Portland, Oreg.: Manufacturing and jobbing shops.	Cents. 50.0	Dolls. 24.00	Regular rate multiplied by $\frac{1}{2}$ 2		8 - 8 - 48		Cents. 45.0	Dolls. 24.30	9 - 9 - 54	
Salt Lake City, Utah:										
Manufacturing and jobbing shops.	56.3	27.00	1½	1½	8 - 8 - 48		45.7	21.94	8 - 8 - 48	
Railroad shops—										
First fire.	51.1	24.50	1½	1½	8 - 8 - 48		49.5	23.76	8 - 8 - 48	
Second fire or spring fire.	50.0	23.98	1½	1½	8 - 8 - 48		48.5	23.28	8 - 8 - 48	
Third fire.	48.5	23.28	1½	1½	8 - 8 - 48		47.0	22.56	8 - 8 - 48	
General fire or bulldozer and forging machines.	47.2	22.66	1½	1½	8 - 8 - 48		45.7	21.94	8 - 8 - 48	
Bolt makers.	44.5	21.36	1½	1½	8 - 8 - 48		43.0	20.64	8 - 8 - 48	
San Francisco, Cal.: Manufacturing shops.	50.0	24.00	1½	2	8 - 8 - 48		(1)	(1)	(1)	
Seattle, Wash.: Shipyards.	56.3	27.00	2	2	8 - 8 - 48		(2)	(2)	(2)	
Sokane, Wash.: Railroad shops—										
First fire.	48.0	25.92	3 1½	1½	9 - 9 - 54		45.5	24.57	9 - 9 - 54	
General fire.	41.5	22.41	3 1½	1½	9 - 9 - 54		39.0	21.06	9 - 9 - 54	

## BLACKSMITHS' HELPERS.

NORTH ATLANTIC.									
Boston, Mass.: Railroad shops, road A.	23.5	12.69	1½	1½	5 9 - 8 - 53		22.5	12.15	5 9 - 8 - 53
Railroad shops, road B.	27.5	14.58	1½	1½	9 - 8 - 53		23.5	12.46	9 - 8 - 53
Buffalo, N. Y.: Manufacturing shops.	35.0	17.50	1½	2	9 - 5 - 50	12	30.0	15.00	9 - 5 - 50
Jobbing shops.	35.0	18.90	1½	2	9 - 9 - 54		27.5	14.85	9 - 9 - 54
New Haven, Conn.: Railroad shops.	23.5	12.69	1½	1½	5 9 - 8 - 53		22.0	11.88	5 9 - 8 - 53
New York, N. Y.: Manufacturing and job shops—									
Manhattan, Bronx and Queens.	36.9	17.70	2	2½	8 - 8 - 48		32.5	15.60	8 - 8 - 48
Brooklyn.	36.9	17.70	2	2½	8 - 8 - 48		34.4	16.53	8 - 8 - 48
Philadelphia, Pa.: Manufacturing, shops A.	30.0	16.20	1½	2	9 - 9 - 54		(1)	(1)	(1)
Manufacturing, shops B.	30.0	14.40	1½	2	8 - 8 - 48		(1)	(1)	(1)
Railroad shops.	28.0	15.12	1½	1½	9 - 9 - 54				
Pittsburgh, Pa.: Manufacturing shops.	35.0	16.80	1½	2	8 8 - 8 - 48		28.1	13.50	8 - 8 - 48
Locomotive works.	28.1	14.06	1½	2	9 - 5 - 50	12			
Railroad shops.	30.0	16.20	1½	1½	9 - 9 - 54		25.0	13.50	9 - 9 - 54
SOUTH ATLANTIC.									
Richmond, Va.: Railroad shops.	23.0	12.42	1½	1½	9 - 9 - 54				

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> Not organized on May 15, 1916.<sup>3</sup> Double time after midnight.<sup>4</sup> Scale became 26.5 cents on June 1, 1917.<sup>5</sup> Work 53 hours, paid for 54.<sup>6</sup> Scale became 32.5 cents on Sept. 10, 1917.<sup>7</sup> Scale became 40.5 cents on Aug. 21, 1917.<sup>8</sup> Hours vary, but total 48 per week.<sup>9</sup> Under agreement of Aug. 23, scale became 29.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS' HELPERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Manufacturing shops.....	48.0	21.12	2	2	8 - 4 - 44	12	38.0	16.72	8 - 4 - 44	
Manufacturing and jobbing shops.....	45.0	21.60	2	2	8 - 8 - 48	11	38.0	18.81	9 - 43 - 49½	
Outside.....	62.5	27.50	2	2	8 - 4 - 44	12	.....	.....	.....	
Railroad shops, roads A and D.....	28.0	15.12	1½	1½	9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road B.....	30.0	16.20	1½	1½	10 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road C—										
First fire.....	232.0	17.24	1½	1½	3 9 - 8 - 53	.....	30.0	16.17	3 9 - 8 - 53	
Do. ....	31.5	16.97	1½	1½	3 9 - 8 - 53	.....	29.0	15.63	3 9 - 8 - 53	
Second or miscellaneous fire.....	232.0	17.24	1½	1½	3 9 - 8 - 53	.....	30.0	16.17	2 9 - 8 - 53	
Do. ....	31.5	16.97	1½	1½	3 9 - 8 - 53	.....	29.0	15.63	3 9 - 8 - 53	
Miscellaneous fires.....	231.0	16.70	1½	1½	3 9 - 8 - 53	.....	28.5	15.36	3 9 - 8 - 53	
Do. ....	30.0	16.17	1½	1½	3 9 - 8 - 53	.....	27.5	14.82	3 9 - 8 - 53	
Railroad shops, road E.....	28.0	15.12	1½	1½	6 9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road F.....	29.0	15.66	1	1	9 - 9 - 54	.....	.....	.....	.....	
Indianapolis, Ind.:										
Railroad shops, road A—										
General fire.....	21.8	11.75	1½	1½	6 9 - 9 - 54	.....	20.3	10.94	9 - 9 - 54	
Heavy fire.....	23.5	12.69	1½	1½	6 9 - 9 - 54	.....	22.0	11.88	9 - 9 - 54	
Railroad shops, road B.....	23.5	12.69	1½	1½	9 - 9 - 54	.....	20.5	11.07	9 - 9 - 54	
Railroad shops, road C.....	24.0	12.96	1½	1½	9 - 9 - 54	.....	22.5	12.15	9 - 9 - 54	
Kansas City, Mo.:										
Railroad shops, road A.....	24.0	12.96	1½	1½	9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road B.....	23.5	11.28	1½	1½	8 - 8 - 48	.....	20.0	9.60	8 - 8 - 48	
Railroad shops, road C.....	25.5	13.77	1½	1½	9 - 9 - 54	.....	22.5	12.15	9 - 9 - 54	
Railroad shops, road D.....	28.5	15.39	1½	1½	9 - 9 - 54	.....	26.0	14.04	9 - 9 - 54	
Railroad shops, road E—										
First fire.....	28.0	15.09	1½	1½	3 9 - 8 - 53	.....	.....	.....	.....	
Second fire.....	28.0	15.09	1½	1½	3 9 - 8 - 53	.....	25.5	13.74	3 9 - 8 - 53	
Light fire.....	26.5	14.28	1½	1½	3 9 - 8 - 53	.....	24.0	12.93	3 9 - 8 - 53	
Railroad shops, road F.....	27.5	14.82	1½	1½	3 9 - 8 - 53	.....	26.0	14.01	3 9 - 8 - 53	
Railroad shops, road H—										
Heavy car fire.....	27.0	14.58	1½	1½	9 - 9 - 54	.....	24.5	13.23	9 - 9 - 54	
Ordinary fire.....	26.0	14.04	1½	1½	9 - 9 - 54	.....	23.5	12.69	9 - 9 - 54	
Railroad shops, road J.....	27.0	14.58	1½	1½	9 - 9 - 54	.....	24.5	13.23	9 - 9 - 54	
Railroad shops, road K.....	22.5	12.15	1½	1½	9 - 9 - 54	.....	19.0	10.26	9 - 9 - 54	
Milwaukee, Wis.:										
Railroad shops.....	23.5	11.99	10 1½	10 1½	11 9 - 5 - 50	5	22.0	11.22	11 9 - 5 - 50	
Hammermen's helpers, railroad shops.....	24.5	12.50	10 1½	10 1½	11 9 - 5 - 50	5	23.0	11.73	11 9 - 5 - 50	
Minneapolis, Minn.:										
Railroad shops, road B—										
Big fire.....	28.0	14.28	1½	1½	11 9 - 5 - 50	5	26.0	13.26	11 9 - 5 - 50	
Do. ....	27.5	14.03	1½	1½	11 9 - 5 - 50	5	25.5	13.01	11 9 - 5 - 50	
General fire.....	26.5	13.52	1½	1½	11 9 - 5 - 50	5	24.5	12.50	11 9 - 5 - 50	

<sup>1</sup> Scale became 33.5 cents on July 5, and 48 hours Sept. 1, 1917.<sup>2</sup> Scale became 39 cents on June 1, and 48 hours on Sept. 1, 1917.<sup>3</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>4</sup> Scale became 38.5 cents on June 1, and 48 hours on Sept. 1, 1917.<sup>5</sup> Scale became 35 cents on May 28, and 48 hours on June 13, 1917.<sup>6</sup> Hours became 50 per week on Aug. 1, 1917.<sup>7</sup> Scale became 29 cents on July 16, 1917.<sup>8</sup> Scale became 26.5 cents on May 16, 1917.<sup>9</sup> Scale became 28 cents on May 28, 1917.<sup>10</sup> Double time after midnight.<sup>11</sup> Work 50 hours, paid for 51, 53 hours, paid for 54, October to April, inclusive.<sup>12</sup> Scale became 30 cents on May 28, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS' HELPERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overti- me.	For Sun- days and holi- days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—concluded.</b>										
Minneapolis, Minn.—Concl'd.										
Railroad shops, road C—	Cents. Big fire.....	Dolls. 129.5	Regular rate multi- plied by— 14.75	1½	1½	2 9 - 5 - 50	5	Cents. 27.5	Dolls.	
Spring fire.....	27.5	14.03	1½	1½	1½	2 9 - 5 - 50	5	25.5	14.52	
General fire.....	26.5	13.52	1½	1½	1½	2 9 - 5 - 50	5	25.5	14.52	
Moline, Ill.: Railroad shops..	28.0	15.94	1½	1½	1½	6 9½ - 8½ - 56	.....	25.5	14.52	
St. Louis, Mo.:										
Manufacturing shops.....	30.0	16.20	1½	1½	1½	9 - 9 - 54	.....	23.0	12.42	
Outside.....	42.5	18.70	2	2	2	8 - 4 - 44	12	40.0	17.60	
Railroad shops, road A.....	23.0	12.39	1½	1½	1½	7 9 - 8 - 53	.....	.....	.....	
Railroad shops, road B—										
First fire.....	28.0	15.09	1½	1½	1½	7 9 - 8 - 53	.....	25.5	13.74	
Second fire.....	28.0	15.09	1½	1½	1½	7 9 - 8 - 53	.....	25.5	13.74	
Miscellaneous fires.....	27.0	14.55	1½	1½	1½	7 9 - 8 - 53	.....	24.5	13.20	
Heaters.....	30.5	16.43	1½	1½	1½	7 9 - 8 - 53	.....	28.0	15.09	
Railroad shops, road C—										
Big fire.....	32.5	17.55	1½	1½	1½	11 9 - 9 - 54	.....	29.0	15.66	
Second fire.....	30.0	16.20	1½	1½	1½	11 9 - 9 - 54	.....	27.5	14.85	
Miscellaneous fire.....	29.0	15.66	1½	1½	1½	12 9 - 9 - 54	.....	26.5	14.31	
Do.....	28.5	15.39	1½	1½	1½	12 9 - 9 - 54	.....	26.0	14.04	
Car fire.....	28.5	15.39	1½	1½	1½	12 9 - 9 - 54	.....	25.5	13.77	
Do.....	28.5	15.39	1½	1½	1½	12 9 - 9 - 54	.....	25.0	13.50	
Railroad shops, road E.....	35.0	16.80	2	2	2	8 - 8 - 48	.....	.....	.....	
Railroad shops, road F.....	25.0	13.50	1½	1½	1½	9 - 9 - 54	.....	.....	.....	
Railroad shops, road G.....	27.5	14.85	1½	1½	1½	9 - 9 - 54	.....	25.0	13.50	
Railroad shops, road H.....	30.0	16.20	1½	1½	1½	9 - 9 - 54	.....	26.5	14.31	
Railroad shops, road I.....	24.0	12.96	1½	1½	1½	9 - 9 - 54	.....	.....	.....	
St. Paul, Minn.:										
Railroad shops—road A:										
First heavy fire.....	30.0	15.30	1½	1½	1½	15 9 - 5 - 50	5	28.5	14.54	
Second heavy fire.....	30.0	15.30	1½	1½	1½	15 9 - 5 - 50	5	28.0	14.28	
General fires.....	28.0	14.28	1½	1½	1½	15 9 - 5 - 50	5	26.5	13.52	
Railroad shops, road B.....	29.5	15.05	1½	1½	1½	15 9 - 5 - 50	5	27.5	14.03	
Do.....	26.5	13.52	1½	1½	1½	15 9 - 5 - 50	5	24.5	12.50	
Railroad shops, roads B and C.....	27.5	14.03	1½	1½	1½	15 9 - 5 - 50	5	25.5	13.01	
Railroad shops, road C.....	26.0	13.26	1½	1½	1½	15 9 - 5 - 50	5	24.0	12.24	
Wichita, Kans.:										
Railroad shops, road A.....	26.0	14.04	1½	1½	1½	9 - 9 - 54	.....	25.0	13.50	
Railroad shops, road B:										
Big fire.....	28.0	13.16	1½	1½	1½	16 8 - 7 - 47	.....	26.0	12.22	
Other fires.....	26.0	12.42	1½	1½	1½	16 8 - 7 - 47	.....	24.0	11.46	

<sup>1</sup> Scale became 34.5 cents on June 1, 1917.<sup>2</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive. Scale became 48 hours on June 1, 1917.<sup>3</sup> Scale became 32.5 cents on June 1, 1917.<sup>4</sup> Scale became 31.5 cents on June 1, 1917.<sup>5</sup> Scale became 35.5 cents on June 1, 1917.<sup>6</sup> Work 56 hours, paid for 56 hours and 56 minutes.<sup>7</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>8</sup> Scale became 33.5 cents on June 27, 1917.<sup>9</sup> Scale became 32.5 cents on June 27, 1917.<sup>10</sup> Scale became 36 cents on June 27, 1917.<sup>11</sup> Scale became 33 cents on July 1, and 48 hours on Sept. 1, 1917.<sup>12</sup> Scale became 34 cents on July 17 and 48 hours on Sept. 1, 1917.<sup>13</sup> Scale became 30 cents on June 1, 1917.<sup>14</sup> Scale became 33 cents on June 16, 1917.<sup>15</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>16</sup> Work 47 hours, paid for 47 hours and 47 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS' HELPERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>SOUTH CENTRAL.</b>										
Little Rock, Ark.: Railroad shops, car work, road A.....	Cents. 24.5 Do..... 23.5 Railroad shops, road B.....	Dolls. 13.20 12.66 26.5	1½ 1½ 1½	1½ 1½ 1½	19 - 8 - 53 19 - 8 - 53 19 - 8 - 53		Cents. 24.0	Dolls. 12.93	19 - 8 - 53	
Louisville, Ky.: Railroad shops.....	23.5	14.81	1½	1½	39 - 9 - 63		22.5	14.18	9 - 9 - 63	
New Orleans, La.: Manufacturing shops.....	25.0	13.50	2	2	9 - 9 - 54		23.0	12.42	9 - 9 - 54	
Railroad shops.....	24.0	12.96	1½	1½	9 - 9 - 54					
<b>WESTERN.</b>										
Butte, Mont.: Manufacturing and jobbing shops.....	43.8	21.00	1½	2	8 - 8 - 48					
Mines, smelters, and concentrators.....	43.8	24.50	1½	2	8 - 8 - 56					
Denver, Colo.: Manufacturing and jobbing shops.....	52.5	17.55	1½	1½	89 - 9 - 54		27.0	14.58	9 - 9 - 54	
Railroad shops, road A—										
General fires.....	31.5	15.12	1½	1½	8 - 8 - 48		30.0	14.40	8 - 8 - 48	
Miscellaneous fires.....	33.5	16.68	1½	1½	8 - 8 - 48		32.0	15.36	8 - 8 - 48	
Heaters.....	35.5	17.04	1½	1½	8 - 8 - 48		34.0	16.32	8 - 8 - 48	
Railroad shops, road D—										
First fire.....	31.5	15.12	1½	1½	8 - 8 - 48		30.0	14.40	8 - 8 - 48	
General fires.....	30.5	14.64	1½	1½	8 - 8 - 48		29.0	13.92	8 - 8 - 48	
Railroad shops, road F—										
First or second fire.....	38.0	18.24	1½	1½	8 - 8 - 48		30.0	14.40	8 - 8 - 48	
General fires.....	37.0	17.76	1½	1½	8 - 8 - 48		29.0	13.92	8 - 8 - 48	
Portland, Oreg.: Manufacturing and jobbing shops.....	37.5	18.00	1½	2	8 - 8 - 48		27.8	15.00	9 - 9 - 54	
Salt Lake City, Utah: Railroad shops—										
First fire.....	34.5	16.56	1½	1½	8 - 8 - 48		33.0	15.84	8 - 8 - 48	
General fires.....	33.5	16.08	1½	1½	8 - 8 - 48		32.0	15.36	8 - 8 - 48	
San Francisco, Cal.: Manufacturing shops.....	37.5	18.00	1½	2	8 - 8 - 48					

## BOILER MAKERS.

NORTH ATLANTIC.									
Boston, Mass.: Railroad shops, road A, union A.....	93.80	20.52	1½	1½	11 9 - 8 - 53		30.5	16.47	11 9 - 8 - 53
Railroad shops, road A, union B.....	122.0	17.28	1½	1½	11 9 - 8 - 53		30.5	16.47	11 9 - 8 - 53
Railroad shops, road B.....	134.5	18.29	1½	1½	13 9 - 8 - 53		30.5	16.47	9 - 8 - 53

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

2 Scale became 32 cents on June 27, 1917.

3 Off every third Sunday.

4 25 cents per day additional when electrolytic copper sells at or above 15 cents per pound.

5 Scale became 37 cents and 48 hours on July 1, 1917.

6 Scale became 37 cents on June 1, 1917.

7 Scale became 38.5 cents on June 1, 1917.

8 Scale became 40.5 cents on June 1, 1917.

9 Scale became 39 cents on June 1, 1917.

10 Scale became 41 cents on June 1, 1917.

11 Work 53 hours, paid for 54.

12 Scale became 35 cents on June 1, 1917.

13 Scale became 39.5 cents on Sept. 10, and 50 hours on July 1 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

Geographical division and city	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>									
Buffalo, N. Y.: Manufacturing shops.....	Cents. 146.0	Dolls. 24.84	Regular rate multiplied by— $\frac{2}{3} \frac{1}{2}$ $\frac{2}{3} \frac{1}{2}$	9 - 9 - 54	40.0	Dolls. 21.60	9 - 9 - 54		
Do.....	351.6	27.84	$\frac{2}{3} \frac{1}{2}$ $\frac{2}{3} \frac{1}{2}$	9 - 9 - 54	45.6	24.60	9 - 9 - 54		
Outside.....	453.1	25.50	$\frac{1}{2}$ $\frac{1}{2}$	8 - 8 - 48	50.0	24.00	8 - 8 - 48		
Railroad shops, road A.....	535.0	21.00	$\frac{1}{2}$ $\frac{1}{2}$	10 - 10 - 60					
Railroad shops, road B.....	634.0	20.40	$\frac{1}{2}$ $\frac{1}{2}$	10 - 10 - 60	28.0	16.80	10 - 10 - 60		
Railroad shops, road C.....	734.0	20.40	$\frac{1}{2}$ $\frac{1}{2}$	10 - 10 - 60					
Railroad shops, road E.....	37.0	19.98	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54	34.0	18.36	9 - 9 - 54		
Railroad shops, road F.....	33.0	19.80	$\frac{1}{2}$ $\frac{1}{2}$	10 - 10 - 60					
New Haven, Conn.: Railroad shops.....	832.0	17.28	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 53	30.5	16.47	9 - 9 - 53		
New York, N. Y.: Manufacturing shops.....	49.4	23.70	2	8 - 8 - 48	43.8	21.00	8 - 8 - 48		
Marine work.....	49.4	23.70	$\frac{10}{3} \frac{2}{3}$	8 - 8 - 48	46.9	22.30	8 - 8 - 48		
Outside.....	62.5	27.50	2	8 - 4 - 44	12				
Philadelphia, Pa.: Manufacturing shops.....	50.0	24.00	2	8 - 8 - 48	33.3	16.33	9 - 4 - 49		
Outside.....	56.3	24.75	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Pittsburgh, Pa.: Manufacturing and jobbing shops.....	46.0	23.00	(12) $\frac{1}{2} \frac{3}{4}$	9 - 5 - 50	12	44.0	22.00	9 - 5 - 50	
Building work.....	62.5	27.50	2	8 - 4 - 44	12	56.3	24.75	8 - 4 - 44	
Outside.....	62.5	27.50	2	8 - 4 - 44	5	56.3	27.00	8 - 3 - 48	
Railroad shops, road A.....	42.0	22.68	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54		37.5	20.25	9 - 9 - 54	
Railroad shops, road B.....	45.0	24.30	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54		38.0	20.52	9 - 9 - 54	
Providence, R. I.....	30.0	16.20	2	9 - 9 - 54		(16)	(16)	(16)	
Rochester, N. Y.: Manufacturing and jobbing shops.....	65.0	31.20	2	8 - 8 - 48		75.0	27.00	17 9 - 9 - 54	
Railroad shops.....	832.0	17.28	$\frac{1}{2}$ $\frac{1}{2}$	9 - 9 - 54		28.5	17.10	10 - 10 - 60	
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.: Manufacturing and jobbing shops.....	44.0	22.00	$\frac{1}{2}$ $\frac{1}{2}$	9 - 5 - 50		35.0	18.90	9 - 9 - 54	
Locomotive works.....	44.0	22.00	$\frac{1}{2}$ $\frac{1}{2}$	9 - 5 - 50		41.0	22.14	9 - 9 - 54	
Railroad shops.....	942.0	22.68	$\frac{1}{2}$ $\frac{1}{2}$	19 9 - 9 - 54					

<sup>1</sup> Scale became 53 cents on Aug. 15, 1917.<sup>2</sup> On new work; on repair work, double time.<sup>3</sup> Scale became 55 cents on Aug. 15, 1917.<sup>4</sup> Scale became 56.3 cents on Aug. 15, 1917.<sup>5</sup> Scale became 36 cents on Aug. 15, 1917.<sup>6</sup> Scale became 45 cents and 54 hours on July 1, 1917.<sup>7</sup> Scale became 37 cents on Aug. 15, 1917.<sup>8</sup> Scale became 35 cents on July 1, 1917.<sup>9</sup> Work 53 hours, paid for 54.<sup>10</sup> On old work; on new work, double time.<sup>11</sup> For Labor Day, regular rate multiplied by 3.<sup>12</sup> On new work, regular rate multiplied by  $\frac{1}{2}$ ; after 4 p. m. on Saturday by 2; on repair work, regular rate multiplied by 2; after 4 p. m. on Saturday, by  $\frac{1}{2}$ .<sup>13</sup> For Labor Day, regular rate multiplied by 4.<sup>14</sup> On new work; on repair work, triple time; for Labor Day, regular rate multiplied by 4.<sup>15</sup> 44 hours and \$24.75 per week, June to September, inclusive.<sup>16</sup> No scale in effect on May 15, 1916.<sup>17</sup> 50 hours and \$25 per week, June to August, inclusive.<sup>18</sup> Scale became 42 cents on July 1, 1917.<sup>19</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
SOUTH ATLANTIC—concluded.					Regular rate multiplied by—					
Baltimore, Md.: Manufacturing shops.....	Cents. 48.0	Dolls. 23.76	2	2	9 - 41-49½		Cents. 30.6	Dolls. 16.50	9 - 9- 54	
Outside.....	68.8	33.00	2	2	8 - 8-48		56.3	27.00	8 - 8-48	
Charleston, S. C.: Manufacturing and jobbing shops.....	42.8	23.10	2	2	9 - 9-54		(1)	(1)	(1)	
Railroad shops.....	42.0	22.68	1½	1½	19 - 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	19 - 9-54					
Richmond, Va.: Railroad shops, road A.....	42.3	22.82	1½	1½	19 - 9-54					
Railroad shops, roads B, C, and D.....	42.0	22.68	1½	1½	19 - 9-54					
Washington, D. C.....	53.7	25.50	1½	2	8 - 8-48		(1)	(1)	(1)	
NORTH CENTRAL.										
Chicago, Ill.: Manufacturing and jobbing shops.....	42.0	22.68	2	2	9 - 9-54		40.0	21.60	9 - 9-54	
Boiler makers <sup>5</sup> .....	62.5	27.50	2	2	8 - 4-44	12	57.5	25.30	8 - 4-44	
Flameers <sup>6</sup> .....	65.0	28.60	2	2	8 - 4-44	12	60.5	26.62	8 - 4-44	
Riveters <sup>7</sup> .....	57.5	25.30	2	2	8 - 4-44	12	52.5	23.10	8 - 4-44	
Welders <sup>8</sup> .....	62.5	27.50	2	2	8 - 4-44	12	57.5	25.30	8 - 4-44	
Outside.....	70.0	30.80	2	2	8 - 4-44	12	62.5	27.50	8 - 4-44	
Field work.....	65.6	28.88	2	2	8 - 4-44	12	62.5	27.50	8 - 4-44	
Railroad shops, road B.....	44.0	23.76	1½	1½	6 9 - 9-54					
Railroad shops, road C.....	44.0	23.71	1½	1½	6 9 - 8-53		41.5	22.36	9 9 - 8-53	
Railroad shops, road E.....	44.0	21.12	1½	1½	8 - 8-48		41.5	19.92	8 - 8-48	
Railroad shops, roads G and H.....	47.5	25.65	1½	1½	9 - 9-54		44.5	24.03	9 - 9-54	
Railroad shops, road I.....	47.5	25.65	1½	1½	12 9 - 8-53		44.5	24.03	12 9 - 8-53	
Railroad shops, road J.....	47.0	25.38	1½	1½	9 - 9-54		42.0	22.68	9 - 9-54	
Cincinnati, Ohio:										
Manufacturing shops.....	138.0	18.81	11½	14½	9 - 41-49½	12	35.0	17.33	9 - 41-49½	
Outside.....	150.0	24.00	2	2	8 - 8-48					
Outside, tanks and smokestacks.....										
Railroad shops, road B.....	62.5	30.00	2	2	8 - 8-48					
Railroad shops, road C.....	36.5	18.37	1½	1½	9 - 51-50½	12				
Railroad shops, road D.....	42.0	22.68	1½	1½	9 - 9-54		37.5	20.25	9 - 9-54	

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>3</sup> Under agreement of Aug. 23, scale became 53 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>4</sup> Under agreement of Aug. 23, scale became 50.8 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>5</sup> Working for companies not engaged in the manufacture of boilers.<sup>6</sup> Scale became 52.5 cents on July 5, and 48 hours on Sept. 1, 1917.<sup>7</sup> Scale became 52.5 cents on June 1.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Sept. 1, 1917.<sup>9</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>10</sup> Scale became 52.5 cents on May 28, 1917.<sup>11</sup> Scale became 52 cents on Aug. 10, 1917.<sup>12</sup> Work 53 hours, paid for 54.<sup>13</sup> Scale became 40 cents for new work, and 43.6 cents for repair work, on June 1, 1917.<sup>14</sup> On new work; on repair work, double time.<sup>15</sup> Scale became 62.5 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Cleveland, Ohio:										
Manufacturing shops.....	Cents. 50.0	Dolls. 24.75	1½	2 2	1 9 - 4½ - 49½	5	Cents. 40.0	Dolls. * 19.80	* 9 - 9 - 49½	
Outside.....	62.5	27.50	1½	2 2	8 - 4 - 44	6	56.3	* 24.75	18 - 4 - 44	
Railroad shops, road A.....	41.5	20.75	1½	1½	4 9 - 5 - 50	5	37.0	* 18.50	* 9 - 5 - 50	
Railroad shops, road B.....	40.0	20.00	1½	1½	3 9 - 5 - 50	5	35.0	* 17.50	* 9 - 5 - 50	
Railroad shops, road C.....	41.5	* 20.75	1½	1½	4 9 - 5 - 50	5	40.0	* 20.00	* 9 - 5 - 50	
Columbus, Ohio.....	42.0	21.00	1½	1½	9 - 5 - 50	12	38.0	19.00	9 - 5 - 50	
Davenport, Iowa, and Rock Island and Moline, Ill.:										
Manufacturing shops.....	43.0	23.22	2	2	9 - 9 - 54	.....	41.0	22.14	9 - 9 - 54	
Railroad shops.....	7 43.5	23.44	1½	1½	* 9 - 8 - 53	.....	41.0	22.09	* 9 - 8 - 53	
Des Moines, Iowa:										
Manufacturing.....	* 45.0	24.30	2	2	9 - 9 - 54	.....				
Railroad shops.....	43.5	23.49	1½	1½	9 - 9 - 54	.....	40.5	21.87	9 - 9 - 54	
Detroit, Mich.:										
Manufacturing shops.....	40.0	22.00	1½	2	10 - 5 - 55	12				
Outside.....	1062.5	39.00	2	2	* 8 - 8 - 48	3				
Railroad shops, road A.....	37.5	22.50	1½	1½	10 - 10 - 60	.....	35.0	21.00	10 - 10 - 60	
Railroad shops, road B.....	134.0	20.40	1½	1½	* 10 - 10 - 60	.....				
Railroad shops, road C.....	36.5	21.90	1½	1½	10 - 10 - 60	.....				
Grand Rapids, Mich.:										
Railroad shops, road A.....	38.0	20.90	1	1½	10 - 5 - 55	12	35.0	19.25	10 - 5 - 55	
Railroad shops, road B.....	39.5	23.70	1½	1½	10 - 10 - 60	.....	35.5	21.30	10 - 10 - 60	
Indianapolis, Ind.:										
Manufacturing shops.....	42.0	21.00	1½	2	9 - 5 - 50	12	37.5	18.75	9 - 5 - 50	
Outside.....	65.0	31.20	1½	2	8 - 8 - 48	.....				
Railroad shops, road A.....	1340.5	21.87	1½	1½	9 - 9 - 54	.....	38.5	20.79	9 - 9 - 54	
Railroad shops, road B.....	40.0	21.60	1½	1½	9 - 9 - 54	.....	37.5	20.25	9 - 9 - 54	
Railroad shops, road C.....	1342.0	22.68	1½	1½	9 - 9 - 54	.....	39.5	21.33	9 - 9 - 54	
Layers-out and flangers, road A.....	142.5	22.95	1½	1½	9 - 9 - 54	.....	40.5	21.87	9 - 9 - 54	
Layers-out and flangers, road B.....	42.0	22.68	1½	1½	9 - 9 - 54	.....	39.5	21.33	9 - 9 - 54	
Kansas City, Mo.:										
Manufacturing shops.....	45.0	24.30	1½	2	9 - 9 - 54	.....	40.0	21.60	9 - 9 - 54	
Outside.....	62.5	30.00	2	2	8 - 8 - 48	.....	56.3	27.00	8 - 8 - 48	
Railroad shops, roads A, D, and J.....	43.5	23.49	1½	1½	9 - 9 - 54	.....	41.0	22.14	9 - 9 - 54	
Railroad shops, road B.....	43.5	20.88	1½	1½	8 - 8 - 48	.....	39.0	18.72	8 - 8 - 48	
Railroad shops, road C.....	43.5	20.88	1½	1½	8 - 8 - 48	.....	41.0	19.68	8 - 8 - 48	
Railroad shops, road E.....	44.0	23.71	1½	1½	* 8 - 8 - 53	.....	41.5	22.36	* 9 - 8 - 53	
Railroad shops, road F.....	43.5	23.44	1½	1½	* 8 - 8 - 53	.....	41.0	22.09	* 9 - 8 - 53	
Railroad shops, road H.....	43.5	23.49	1½	1½	9 - 9 - 54	.....	41.5	22.41	9 - 9 - 54	
Railroad shops, road I.....	42.5	22.95	1½	1½	9 - 9 - 54	.....	40.0	21.60	9 - 9 - 54	
Railroad shops, road K.....	43.5	23.49	1½	1½	9 - 9 - 54	.....	40.5	21.87	9 - 9 - 54	

<sup>1</sup> 54 hours and \$27 per week, October to April, inclusive.<sup>2</sup> And on Saturday afternoons.<sup>3</sup> 54 hours and \$21.60 per week, October to April, inclusive.<sup>4</sup> 54 hours and \$22.41 per week, October to April, inclusive.<sup>5</sup> 54 hours and \$19.98 per week, October to April, inclusive.<sup>6</sup> 54 hours and \$18.99 per week, October to April, inclusive.<sup>7</sup> Scale became 52 cents on June 1, 1917.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>9</sup> Scale became 50 cents on June 9, 1917.<sup>10</sup> 44 hours and \$27.50 per week, June to August, inclusive.<sup>11</sup> Scale became 39 cents on June 12, and 48 hours, on Sept. 15, 1917.<sup>12</sup> Scale became 45 cents on Aug. 1, 1917.<sup>13</sup> Scale became 47 cents on July 16, 1917.<sup>14</sup> Scale became 47.5 cents on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.					<i>Regular rate multiplied by—</i>					
Milwaukee, Wis.:	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>		
Manufacturing shops.....	37.0	20.35	2 1/2	1 1/2	10 - 5 - 55	12	35.0	19.25	10 - 5 - 55	
Outside.....	62.5	27.50	2	3 1/2	8 - 4 - 44	12	.....	.....	.....	
Railroad shops.....	44.0	22.44	1 1/2	1 1/2	5 9 - 5 - 50	5	41.5	21.17	5 9 - 5 - 50	
Railroad shops, roundhouse	64.0	34.64	1 1/2	6 8 - 8 - 56	.....	41.5	23.24	8 - 8 - 56		
Minneapolis, Minn.:										
Railroad shops, road A.....	45.5	23.21	7 1/2	1 1/2	5 9 - 5 - 50	5	43.0	21.93	5 9 - 5 - 50	
Railroad shops, road B.....	47.0	23.97	7 1/2	1 1/2	5 9 - 5 - 50	5	45.5	23.21	5 9 - 5 - 50	
Omaha, Nebr., railroad shops.....	44.0	23.71	1 1/2	1 1/2	8 9 - 8 - 53	.....	41.5	22.36	8 9 - 8 - 53	
Peoria, Ill.:										
Jobbing shops.....	40.0	21.60	2	2	9 9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road A.....	104.5	52.25	1 1/2	1 1/2	10 9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road B.....	104.0	52.68	1 1/2	1 1/2	10 9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road C.....	113.0	59.00	1 1/2	1 1/2	9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road D.....	123.0	61.50	1 1/2	1 1/2	9 - 5 - 50	12	.....	.....	.....	
St. Louis, Mo.:										
Manufacturing shops.....	140.0	70.00	2 1/2	2 1/2	14 9 - 4 1/2 - 49 1/2	4	.....	.....	.....	
Outside.....	134.5	67.25	2 1/2	2 1/2	15 8 - 4 - 44	4	.....	.....	.....	
Railroad shops, road A.....	164.0	82.00	1 1/2	1 1/2	16 9 - 9 - 54	.....	41.5	22.41	9 - 9 - 54	
Railroad shops, road B, inspectors.....	174.5	87.00	1 1/2	1 1/2	8 9 - 8 - 53	.....	44.0	23.71	8 9 - 8 - 53	
Railroad shops, road B.....	184.0	93.71	1 1/2	1 1/2	8 9 - 8 - 53	.....	41.5	22.36	8 9 - 8 - 53	
Railroad shops, road B, flue welders.....	193.5	99.67	1 1/2	1 1/2	8 9 - 8 - 53	.....	34.0	18.32	8 9 - 8 - 53	
Railroad shops, road C.....	204.5	104.30	7 1/2	1 1/2	9 - 9 - 54	.....	42.0	22.68	9 - 9 - 54	
Railroad shops, road F.....	212.0	106.00	1 1/2	1 1/2	9 - 9 - 54	.....	.....	.....	.....	
Railroad shops, road G.....	224.5	113.44	1 1/2	1 1/2	8 9 - 8 - 53	.....	40.0	21.55	9 - 8 - 53	
Railroad shops, road I.....	234.5	123.49	1 1/2	1 1/2	23 9 - 9 - 54	.....	41.0	22.14	9 - 9 - 54	
St. Paul, Minn.:										
Railroad shops, road A.....	47.0	23.97	1 1/2	1 1/2	24 9 - 5 - 50	5	44.5	22.70	24 9 - 9 - 50	
Railroad shops, road C.....	47.0	23.97	7 1/2	1 1/2	24 9 - 5 - 50	5	.....	.....	.....	
Railroad shops, road D.....	45.5	27.30	7 1/2	1 1/2	10 - 10 - 60	.....	42.0	25.20	10 - 10 - 60	

<sup>1</sup> Scale became 44 cents and 54 hours on June 1, 1917.<sup>2</sup> On new work; repair work, double time.<sup>3</sup> For Labor Day, triple time.<sup>4</sup> Scale became 52.5 cents on May 28, and 47 hours on June 28, 1917.<sup>5</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>6</sup> Scale became 52.5 cents on May 28, and 56 hours on June 28, 1917.<sup>7</sup> Double time after midnight.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>9</sup> Scale became 55 cents and 50 hours on June 1, 1917.<sup>10</sup> Scale became 52 cents on June 1, and 53 hours on Sept. 1, 1917.<sup>11</sup> Scale became 47 cents on July 1, 1917.<sup>12</sup> Scale became 47 cents on July 15, 1917.<sup>13</sup> Scale became 50 cents on Aug. 2, 1917.<sup>14</sup> 54 hours per week, September to April, inclusive. Scale became 48 hours on Aug. 2, 1917.<sup>15</sup> Work 44 hours, paid for 49, May to August, inclusive; 48 hours, paid for 54, September to April, inclusive. Scale became 48 hours on Aug. 2, 1917.<sup>16</sup> Scale became 52 cents and 48 hours on Oct. 1, 1917.<sup>17</sup> Scale became 52.5 cents on June 27, 1917.<sup>18</sup> Scale became 50 cents on June 27, 1917.<sup>19</sup> Scale became 43 cents on June 27, 1917.<sup>20</sup> Scale became 52 cents on Aug. 23, 1917.<sup>21</sup> Scale became 47 cents on June 1, 1917.<sup>22</sup> Scale became 52 cents on June 1, 1917.<sup>23</sup> Scale became 50 cents and 48 hours on June 16, 1917.<sup>24</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—			Hours—Full day; Saturdays; Full week;		Rate of wages—		Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.			
<b>NORTH CENTRAL—concluded.</b>										
Wichita, Kans.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.			
Outside men, calkers.....	62.5	30.00	1½ 1½	8 - 8 - 48		47.5	28.50	8 - 8 - 48		
Outside men, riveters.....	62.5	30.00	1½ 1½	8 - 8 - 48		41.5	19.83	8 - 7 - 47		
Railroad shops, road B.....	1 44.0	21.02	1½ 1½	2 8 - 7 - 47						
Railroad shops, road B, flangers and layers-out.....	2 46.5	22.22	1½ 1½	2 8 - 7 - 47		44.0	21.02	8 - 7 - 47		
Railroad shops, road B, roundhouse.....	1 44.0	23.71	1½ 1½	4 9 - 8 - 53		41.5	22.36	4 9 - 8 - 53		
Railroad shops, road C.....	6 44.0	21.02	1½ 1½	2 8 - 7 - 47		41.5	19.83	2 8 - 7 - 47		
Railroad shops, road C, roundhouse.....	5 44.0	23.71	1½ 1½	6 9 - 8 - 53		41.5	22.36	4 9 - 8 - 53		
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.:										
Manufacturing and jobbing shops.....	47.5	28.50	1½ 2	10 - 10 - 60		42.5	25.50	10 - 10 - 60		
Railroad shops, road B.....	7 43.5	23.49	1½ 1½	7 9 - 9 - 54		41.0	22.14	9 - 9 - 54		
Railroad shops, road D.....	7 43.5	23.49	1½ 1½	7 9 - 9 - 54						
Railroad shops, roads E, F, and G.....	8 42.0	22.68	1½ 1½	8 9 - 9 - 54						
Little Rock, Ark.:										
Manufacturing shops.....	5 45.0	27.00	1½ 1½	10 - 10 - 60		42.5	25.50	10 - 10 - 60		
Railroad shops, road A.....	45.0	24.25	1½ 1½	4 9 - 8 - 53		42.5	22.90	4 9 - 8 - 53		
Railroad shops, road B.....	45.0	21.25	1½ 1½	4 9 - 8 - 53		42.5	22.90	4 9 - 8 - 53		
Railroad shops, road B, roundhouse, night work.....	5 45.0	26.98	1½ 1½	9 9½ - 8½ - 57		42.5	25.48	9 9½ - 8½ - 57		
Louisville, Ky.:										
Manufacturing shops.....	35.0	17.50	2 2	9 - 5 - 50	3	32.0	17.28	9 - 9 - 54		
Outside.....	56.0	24.64	2 2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44		
Railroad shops, road A.....	8 42.0	22.68	1½ 1½	8 9 - 9 - 54		41.0	22.14	9 - 9 - 54		
Railroad shops, road G.....	10 41.0	22.14	1½ 1½	10 9 - 9 - 54						
Memphis, Tenn.:										
Manufacturing shops.....	45.0	24.30	1½ 2	9 - 9 - 54		41.0	22.14	9 - 9 - 54		
Railroad shops, road A.....	11 45.0	24.30	1½ 1½	11 9 - 9 - 54		42.5	22.95	9 - 9 - 54		
Railroad shops, roads B and C.....	12 45.0	24.30	1½ 1½	12 9 - 9 - 54		42.5	22.95	9 - 9 - 54		
Railroad shops, road E.....	44.0	23.76	1½ 1½	9 - 9 - 54		(13)	(13)	(13)		
Nashville, Tenn.: Railroad shops.....	42.0	22.68	1½ 1½	9 - 9 - 54		40.5	21.87	9 - 9 - 54		

<sup>1</sup> Scale became 50 cents on Sept. 1, 1917.<sup>2</sup> Work 47 hours, paid for 47 hours and 47 minutes.<sup>3</sup> Scale became 52.5 cents on Sept. 1, 1917.<sup>4</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>5</sup> Scale became 50 cents on June 27, 1917.<sup>6</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Aug. 1, 1917.<sup>7</sup> Under agreement of Aug. 23, scale became 52 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>8</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>9</sup> Work 57 hours, paid for 58 hours and 57 minutes.<sup>10</sup> Scale became 52 cents and 48 hours on Oct. 1, 1917.<sup>11</sup> Scale became 53 cents and 48 hours on Oct. 1, 1917.<sup>12</sup> Under agreement of Aug. 23, scale became 53.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>13</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
New Orleans, La.:									
Manufacturing shops.....	Cents. 143.8	Dolls. 21.00	2	2	8 - 8 - 48	Cents. 38.9	Dolls. 21.00	9 - 9 - 54	
Outside.....	250.0	24.00	2	2	8 - 8 - 48	44.4	24.00	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.....	46.0	24.84	1½	1½	8 - 8 - 53	43.5	23.49	8 - 8 - 53	
WESTERN.									
Butte, Mont.:									
Manufacturing shops.....	68.8	33.00	1½	1½	8 - 8 - 48	56.3	27.00	8 - 8 - 48	
Outside.....	87.5	38.50	1½	1½	8 - 4 - 44	12	.....	.....	
Smelters.....	68.8	38.50	1½	1	8 - 8 - 56	56.3	31.50	8 - 8 - 56	
Railroad shops.....	49.0	26.46	5 1½	1½	8 - 8 - 53	.....	.....	.....	
Denver, Colo.:									
Manufacturing and jobbing shops.....	642.5	21.68	1½	1½	6 8½ - 8½ - 51	41.0	22.14	9 - 9 - 54	
Railroad shops, roads A and D.....	843.5	20.88	1½	1½	8 - 8 - 48	42.0	20.16	8 - 8 - 48	
Railroad shops, road A, flangers and layers-out.....	945.5	21.84	1½	1½	8 - 8 - 48	44.0	21.12	8 - 8 - 48	
Railroad shops, road B.....	50.0	24.00	1½	1½	8 - 8 - 48	42.0	20.16	8 - 8 - 48	
Railroad shops, road B, flangers and layers-out.....	52.0	24.96	1½	1½	8 - 8 - 48	44.0	21.12	8 - 8 - 48	
Portland, Oreg.:									
Manufacturing and jobbing shops.....	53.0	25.44	1½	2	8 - 8 - 48	44.4	24.00	9 - 9 - 54	
Outside.....	53.0	25.44	2	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Salt Lake City, Utah:									
Manufacturing and jobbing shops.....	56.3	27.00	1½	1½	8 - 8 - 48	44.0	23.76	9 - 9 - 54	
Railroad shops.....	945.5	21.84	1½	1½	8 - 8 - 48	44.0	21.12	8 - 8 - 48	
San Francisco, Cal.:									
Manufacturing and jobbing shops.....	53.1	25.50	10 1½	2	8 - 8 - 48	.....	.....	.....	
Outside, repair work.....	59.8	28.69	2	2	8 - 8 - 48	.....	.....	.....	
Outside, building work.....	62.5	27.50	10 1½	2	8 - 4 - 44	12	.....	.....	
Outside, on tanks.....	56.3	27.00	10 1½	2	8 - 8 - 48	.....	.....	.....	
Riveters, chippers, and calkers.....	53.1	25.50	10 1½	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Seattle, Wash.:									
Manufacturing and jobbing shops.....	56.3	27.00	2	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Outside.....	62.5	30.00	2	2	8 - 8 - 48	56.3	27.00	8 - 8 - 48	
Railroad shops and roundhouse.....	49.0	26.46	1½	1½	9 - 9 - 54	.....	.....	.....	
Shipyards.....	56.3	27.00	2	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Shipyards, loftsmen.....	62.5	30.00	2	2	8 - 8 - 48	56.3	27.00	8 - 8 - 48	
Shipyards, punch and shear men.....	50.0	24.00	2	2	8 - 8 - 48	45.0	21.60	8 - 8 - 48	
Shipyards, drillers and reamers.....	45.0	21.60	2	2	8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Spokane, Wash.:									
Railroad shops.....	49.0	26.46	5 1½	1½	9 - 9 - 54	.....	.....	.....	

<sup>1</sup> Scale became 50 cents on June 20, 1917.<sup>2</sup> Scale became 60 cents on June 20, 1917.<sup>3</sup> Work 53 hours, paid for 54.<sup>4</sup> 25 cents per day additional when electrolytic copper sells at or above 15 cents per pound.<sup>5</sup> Double time after midnight.<sup>6</sup> Scale became 52 cents and 48 hours on July 1, 1917.<sup>7</sup> Also a bonus of 10 per cent for making a full month's time.<sup>8</sup> Scale became 50 cents on June 1, 1917.<sup>9</sup> Scale became 52 cents on June 1, 1917.<sup>10</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS' HELPERS.

Geographical division and city.	May 15, 1917.					Mos. dur ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.:									
Railroad shops, road A, union A.....	27.5	14.85			Regular rate multiplied by $\frac{1}{2}$		Cents.	Dolls.	
Railroad shops, road A, union B.....	26.0	13.78	$\frac{1}{2}$	$\frac{1}{2}$	2 9 - 8 - 53	.....	24.5	13.23	
Railroad shops, road B.....	26.0	13.78	$\frac{1}{2}$	$\frac{1}{2}$	2 9 - 8 - 53	.....	24.5	13.23	
Buffalo, N. Y.:									
Manufacturing shops.....	36.6	19.74	$\frac{6}{12}$	$\frac{6}{12}$	9 - 9 - 54	.....	32.6	17.58	
Do.....	31.0	16.74	$\frac{6}{12}$	$\frac{6}{12}$	9 - 9 - 54	.....	27.0	14.58	
Outside.....	33.0	15.84	$\frac{1}{2}$	2	8 - 8 - 48	.....	33.0	15.84	
New Haven, Conn. ....	26.0	14.04	$\frac{1}{2}$	$\frac{1}{2}$	2 9 - 8 - 53	.....	24.5	13.23	
New York, N. Y.:									
Manufacturing shops.....	34.4	16.50	2	2	8 - 8 - 48	.....	31.3	15.00	
Outside.....	50.0	22.00	2	2	8 - 4 - 44	12	.....	.....	
Outside, marine work.....	34.4	16.50	$\frac{9}{12}$	2	8 - 8 - 48	.....	31.3	15.00	
Inside, marine work.....	34.4	16.50	$\frac{9}{12}$	2	8 - 8 - 48	.....	32.5	15.60	
Philadelphia, Pa.:									
Manufacturing shops.....	37.5	18.00	2	2	8 - 8 - 48	12	22.2	10.89	
Outside.....	43.8	19.25	2	$\frac{10}{12}$	8 - 4 - 44	12	37.5	16.50	
Pittsburgh, Pa.:									
Manufacturing and jobbing shops.....	34.5	17.25	(11)	$\frac{12}{12}$	9 - 5 - 50	12	30.0	15.00	
Building work.....	56.3	24.75	2	$\frac{13}{12}$	8 - 4 - 44	12	46.3	20.35	
Outside.....	56.3	24.75	2	$\frac{13}{12}$	8 - 4 - 44	5	46.3	22.20	
Railroad shops.....	23.5	12.69	$\frac{1}{2}$	$\frac{11}{12}$	9 - 9 - 54	.....	21.5	11.61	
Providence, R. I. ....	20.0	10.80	2	2	9 - 9 - 54	.....	(15)	(15)	
Rochester, N. Y. ....	37.5	18.00	2	2	8 - 8 - 48	27.8	16.50	14.9 - 9 - 54	
<b>SOUTH ATLANTIC.</b>									
Baltimore, Md.:									
Manufacturing shops.....	27.8	13.75	2	2	9 - 4 $\frac{1}{2}$ - 49 $\frac{1}{2}$	.....	22.2	12.00	
Outside.....	56.3	27.00	2	2	8 - 8 - 48	.....	43.8	21.00	
Richmond, Va.:									
Railroad shops, roads A and C.....	23.0	12.42	$\frac{1}{2}$	$\frac{1}{2}$	17.9 - 9 - 54	.....	.....	.....	
Railroad shops, road B.....	24.0	12.96	$\frac{1}{2}$	$\frac{1}{2}$	18.9 - 9 - 54	.....	.....	.....	

<sup>1</sup> Scale became 30.5 cents on June 1, 1917.<sup>2</sup> Work 53 hours, paid for 54.<sup>3</sup> Scale became 29 cents on June 1, 1917.<sup>4</sup> Scale became 29 cents on Sept. 10, and 50 hours on July 1, 1917.<sup>5</sup> Scale became 41.6 cents on Aug. 15, 1917.<sup>6</sup> On new work; on repair work, double time.<sup>7</sup> Scale became 36 cents on Aug. 15, 1917.<sup>8</sup> Scale became 38 cents on Aug. 15, 1917.<sup>9</sup> On old work; on new work double time.<sup>10</sup> For Labor Day, regular rate multiplied by 3.<sup>11</sup> On new work, regular rate multiplied by  $\frac{1}{2}$ ; after 4 p. m. on Saturday, regular rate multiplied by 2; on repair work, regular rate multiplied by 2; after 4 p. m. on Saturday, by  $\frac{1}{2}$ .<sup>12</sup> For Labor Day, regular rate multiplied by 4.<sup>13</sup> On new work; on repair work, triple time; for Labor Day, regular rate multiplied by 4.<sup>14</sup> 44 hours and \$20.35 per week, June to September, inclusive.<sup>15</sup> No scale in effect on May 15, 1916.<sup>16</sup> 50 hours and \$13.89 per week, June to August, inclusive.<sup>17</sup> Under agreement of Aug. 23 scale became 29.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>18</sup> Under agreement of Aug. 23 scale became 30.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS' HELPERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917.	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week;	Per hour.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.				Per week full time.		
NORTH CENTRAL.				Regular rate multiplied by—					
Chicago, Ill.:	Cents.	Dolls.					Cents.	Dolls.	
Manufacturing shops.....	35.0	18.90	2	2	9 - 9 - 54	32.5	17.55	9 - 9 - 54	
Do. <sup>1</sup> .....	45.0	19.80	2	2	8 - 4 - 44	40.0	17.60	8 - 4 - 44	
Outside.....	60.0	26.40	2	2	8 - 4 - 44	50.0	22.00	8 - 4 - 44	
Field work.....	56.3	24.75	2	2	8 - 4 - 44	50.0	22.00	8 - 4 - 44	
Railroad shops, road B.....	29.0	15.66	1½	1½	9 - 9 - 54	25.5	13.74	9 - 8 - 53	
Railroad shops, road C.....	38.0	15.09	1½	1½	9 - 8 - 53	38.0	18.61	8 - 8 - 48	
Railroad shops, road E, roundhouse.....	23.5	11.28	1½	1½	8 - 8 - 48	28.5	15.39	9 - 9 - 54	
Railroad shops, roads G and H.....	31.5	17.01	1½	1½	9 - 9 - 54	28.0	15.12	9 - 8 - 53	
Railroad shops, road I.....	31.0	16.74	1½	1½	7 9 - 8 - 53				
Cincinnati, Ohio:									
Manufacturing shops.....	25.0	12.38	9 1½	1½	9 - 4 ½ - 49 ½	12			
Outside.....	37.5	18.00	2	2	8 - 8 - 48				
Railroad shops.....	21.0	10.57	1½	1½	9 - 5 ½ - 50 ½	12			
Cleveland, Ohio:									
Manufacturing shops.....	35.0	17.33	1½	10 2	9 - 4 ½ - 49 ½	5	25.0	12.38	
Outside.....	56.3	24.75	1½	2	8 - 4 - 44	5	46.3	20.35	
Railroad shops, road A.....	25.0	12.50	1½	1½	12 9 - 5 - 50	5			
Railroad shops, road B.....	27.5	13.75	1½	1½	13 9 - 5 - 50	5	25.0	12.50	
Railroad shops, road C.....	30.0	14.50	1½	1½	14 9 - 5 - 50	5	25.0	12.50	
Davenport, Iowa, and Moline and Rock Island, Ill.:									
Manufacturing shops.....	30.0	16.20	2	2	9 - 9 - 54	27.0	14.58	9 - 9 - 54	
Railroad shops.....	25.5	15.36	1½	1½	16 9 - 8 - 53	26.0	14.01	9 - 8 - 53	
Des Moines, Iowa.....	26.0	14.04	1½	1½	9 - 9 - 54	22.0	11.88	9 - 9 - 54	
Detroit, Mich.:									
Manufacturing shops.....	30.0	16.50	1½	2	10 - 5 - 53	12			
Outside.....	50.0	24.00	2	2	17 8 - 8 - 48				
Grand Rapids, Mich.:									
Railroad shops, road A.....	24.0	13.20	1	1½	10 - 5 - 53	12	21.0	11.55	
Railroad shops, road B.....	25.0	15.00	1½	1½	10 - 10 - 60	24.0	14.40	10 - 10 - 60	
Indianapolis, Ind.:									
Railroad shops, road A.....	22.5	12.15	1½	1½	13 9 - 9 - 54	20.5	11.07	9 - 9 - 54	
Railroad shops, road B.....	24.5	13.23	1½	1½	9 - 9 - 54	23.0	12.42	9 - 9 - 54	
Kansas City, Mo.:									
Manufacturing shops.....	30.0	16.20	1½	2	9 - 9 - 54	20.0	10.80	9 - 9 - 54	
Outside.....	56.3	27.00	2	2	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Railroad shops, road C.....	27.5	13.20	1½	1½	8 - 8 - 48	25.0	12.00	8 - 8 - 48	
Railroad shops, road D.....	28.5	15.39	1½	1½	9 - 9 - 54	26.0	14.04	9 - 9 - 54	
Railroad shops, road E.....	28.0	15.01	1½	1½	9 - 9 - 53	25.5	13.74	9 - 8 - 53	
Railroad shops, road F.....	27.5	14.82	1½	1½	9 - 8 - 53	25.0	13.74	9 - 8 - 53	
Railroad shops, road H.....	27.0	14.58	1½	1½	9 - 9 - 54	24.0	12.66	9 - 9 - 54	
Railroad shops, road I.....	26.0	14.04	1½	1½	9 - 9 - 54	23.5	12.69	9 - 9 - 54	
Railroad shops, road J.....	26.5	14.31	1½	1½	9 - 9 - 54	25.0	13.50	9 - 9 - 54	
Railroad shops, road K.....	25.0	13.50	1½	1½	9 - 9 - 54	23.0	12.42	9 - 9 - 54	

<sup>1</sup> Working for companies not engaged in the manufacture of boilers.

<sup>2</sup> Scale became 34.5 cents on July 5, 1917.

<sup>3</sup> Scale became 33 cents on Aug. 15, 1917.

<sup>4</sup> Work 53 hours, paid for 53 hours and 53 minutes.

<sup>5</sup> Scale became 28 cents on May 28, 1917.

<sup>6</sup> Scale became 34 cents on Aug. 10, 1917.

<sup>7</sup> Work 53 hours, paid for 54.

<sup>8</sup> Scale became 27.5 cents on July 1, 1917.

<sup>9</sup> On new work; on repair work, double time.

<sup>10</sup> And on Saturday afternoons.

<sup>11</sup> 48 hours and \$22.20 per week, October to April, inclusive.

<sup>12</sup> 54 hours and \$13.50 per week, October to April, inclusive.

<sup>13</sup> 54 hours and \$14.67 per week, October to April, inclusive.

<sup>14</sup> 54 hours and \$16.20 per week, October to April, inclusive.

<sup>15</sup> Scale became 36 cents on June 1, 1917.

<sup>16</sup> Work 53 hours, paid for 53 hours and 53 minutes.

Scale became 48 hours on Sept. 1, 1917.

<sup>17</sup> 44 hours and \$22 per week, June to August, inclusive.

<sup>18</sup> Scale became 24.8 cents and 50 hours on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS' HELPERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH CENTRAL—concluded.</b>									
Milwaukee, Wis.:				<i>Regular rate multiplied by—</i>					
Manufacturing shops.....	Cents. <i>Dolls.</i>	Dolls.		1 10 - 5 - 55	12	Cents. <i>Dolls.</i>			
Outside.....	125.0	13.75	2 1/2	2 1/2		.....			
Railroad shops.....	50.0	22.00	2	3 2	12	.....			
Railroad shops.....	42.5	11.99	5 1/2	1 1/2	5	22.0	11.22	6 9 - 5 - 50	
Railroad shops, roundhouse	723.5	13.16	1 1/2	1 1/2	5	22.0	12.32	8 - 8 - 56	
Minneapolis, Minn.: Railroad shops.....	25.5	13.01	5 1/2	1 1/2	5	24.5	12.50	6 9 - 5 - 50	
Omaha, Nebr.: Railroad shops.....	28.0	15.09	1 1/2	1 1/2	5	25.5	13.74	8 9 - 8 - 53	
Peoria, Ill.:									
Jobbing shops.....	925.0	13.50	2	2	5	.....			
Railroad shops.....	1029.0	15.66	1 1/2	1 1/2	5	.....			
St. Louis, Mo.:									
Manufacturing shops.....	25.0	112.38	2 1/2	2 1/2	5	.....			
Outside.....	1228.1	13.92	1 1/2	1 1/2	12	.....			
Railroad shops, road A.....	24.5	13.23	1 1/2	1 1/2	5	22.0	11.88	9 - 9 - 54	
Railroad shops, road B.....	1428.0	15.09	1 1/2	1 1/2	5	25.5	13.74	8 9 - 8 - 53	
Railroad shops, road C.....	1526.5	14.31	1 1/2	1 1/2	5	23.5	12.69	9 - 9 - 54	
Railroad shops, road F.....	1624.0	12.96	1 1/2	1 1/2	5	.....			
St. Paul, Minn.:									
Railroad shops, road A.....	24.5	12.50	1 1/2	1 1/2	5	23.5	11.99	6 9 - 5 - 50	
Railroad shops, road C.....	1724.0	12.24	5 1/2	1 1/2	5	.....			
Wichita, Kans.:									
Outside.....	56.3	27.00	1 1/2	1 1/2	5	.....			
Railroad shops, road B.....	28.0	13.38	1 1/2	1 1/2	5	24.5	11.71	19 8 - 7 - 47	
Do.....	29.0	15.63	1 1/2	1 1/2	5	24.5	13.20	8 9 - 8 - 53	
Railroad shops, road C.....	27.0	12.90	1 1/2	1 1/2	5	24.5	11.71	19 8 - 7 - 47	
Do.....	27.0	14.55	1 1/2	1 1/2	5	24.5	13.20	8 9 - 8 - 53	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.: Railroad shops.....	2025.0	13.50	1 1/2	1 1/2	5	.....			
Little Rock, Ark.:									
Railroad shops, road A.....	26.0	14.01	1 1/2	1 1/2	5	23.5	12.66	8 9 - 8 - 53	
Railroad shops, road B.....	2026.0	14.01	1 1/2	1 1/2	5	23.5	12.66	8 9 - 8 - 53	
Railroad shops, road B, round house, night work.....	2226.0	15.58	1 1/2	1 1/2	22 9/3 - 8 3/5 - 57	23.5	14.09	22 9/3 - 8 3/5 - 57	

<sup>1</sup> Scale became 30 cents and 54 hours on June 1, 1917.<sup>2</sup> On new work; on repair work, double time.<sup>3</sup> For Labor Day, triple time.<sup>4</sup> Scale became 28 cents on May 28 and 47 hours on June 28, 1917.<sup>5</sup> Double time after midnight.<sup>6</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>7</sup> Scale became 28 cents on May 28 and 56 hours on June 28, 1917.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>9</sup> Scale became 40 cents on June 1, 1917.<sup>10</sup> Scale became 32 cents and 48 hours on June 1, 1917.<sup>11</sup> 54 hours and \$13.50 per week, September to April inclusive.<sup>12</sup> Scale became 38 cents on Aug. 2, 1917.<sup>13</sup> Work 44 hours, paid for 49 1/2, May to August, inclusive; 48 hours, paid for 54, September to April, inclusive.<sup>14</sup> Scale became 33.5 cents on June 27, 1917.<sup>15</sup> Scale became 33 cents on Aug. 23, 1917.<sup>16</sup> Scale became 30 cents on June 1, 1917.<sup>17</sup> Scale became 28 cents on July 1, 1917.<sup>18</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive. Scale became 48 hours on July 1, 1917.<sup>19</sup> Work 47 hours, paid for 47 hours and 47 minutes.<sup>20</sup> Under agreement of Aug. 23 scale became 31.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>21</sup> Scale became 32 cents on June 27, 1917.<sup>22</sup> Work 57 hours, paid for 59 hours and 57 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS' HELPERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>SOUTH CENTRAL—concluded.</b>										
Louisville, Ky.:	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.		
Manufacturing shops.....	25.0	12.50	2	2	9 - 5 - 50	3	24.0	12.96	9 - 9 - 54	
Outside.....	50.0	22.00	2	2	8 - 4 - 44	12				
Railroad shops, road A.....	22.5	12.15	1½	1½	1 9 - 9 - 54					
Railroad shops, road G.....	22.5	12.69	1½	1½	2 9 - 9 - 54					
New Orleans, La.:										
Outside.....	25.0	12.00	2	2	8 - 8 - 48		22.2	12.00	9 - 9 - 54	
Do.....	31.3	15.00	2	2	8 - 8 - 48		27.8	15.00	9 - 9 - 54	
Railroad shops, road B.....	23.0	12.42	1½	1½	8 9 - 9 - 54		21.7	11.70	9 - 9 - 54	
Railroad shops, road C.....	28.0	15.12	1½	1½	8 9 - 8 - 53		26.5	14.31	8 9 - 8 - 53	
<b>WESTERN.</b>										
Butte, Mont.:										
Manufacturing shops.....	59.4	28.50	1½	1½	8 - 8 - 48		43.8	21.00	8 - 8 - 48	
Outside.....	62.5	27.50	1½	1½	8 - 4 - 44	12				
Smelters.....	59.4	33.25	1½	1½	8 - 8 - 56		43.8	24.50	8 - 8 - 56	
Railroad shops, road A.....	26.0	14.04	5 1½	1½	8 9 - 8 - 53					
Do.....	26.0	15.60	1½	1½	8 9 - 9 - 54					
Denver, Colo.:										
Manufacturing and jobbing shops.....	732.5	16.58	1½	1½	7 8½ - 8½ - 51		28.0	15.12	9 - 9 - 54	
Railroad shops, road A.....	830.5	14.64	1½	1½	8 - 8 - 48		29.0	13.92	8 - 8 - 48	
Railroad shops, road B.....	37.0	17.76	1½	1½	8 - 8 - 48		29.0	13.92	8 - 8 - 48	
Portland, Oreg.:										
Manufacturing and jobbing shops.....	37.5	18.00	1½	2	8 - 8 - 48		27.8	15.00	9 - 9 - 54	
Outside.....	37.5	18.00	2	2	8 - 8 - 48					
Salt Lake City, Utah: Railroad shops.....	931.5	15.12	1½	1½	8 - 8 - 48		30.0	14.40	8 - 8 - 48	
San Francisco, Cal.:										
Manufacturing and jobbing shops.....	37.5	18.00	10 1½	2	8 - 8 - 48					
Outside.....	37.5	16.50	10 1½	2	8 - 4 - 44	12				
Tanks.....	43.8	21.00	10 1½	2	8 - 8 - 48					
Drillers, reamers, and tapers.....	40.6	19.50	10 1½	2	8 - 8 - 48					
Seattle, Wash.:										
Manufacturing and jobbing shops.....	37.5	18.00	2	2	8 - 8 - 48		31.3	15.00	8 - 8 - 48	
Outside.....	50.0	24.00	2	2	8 - 8 - 48		43.8	21.00	8 - 8 - 48	
Railroad shops.....	30.0	16.20	1½	1½	9 - 9 - 54					
Shipyards.....	37.5	18.00	2	2	8 - 8 - 48					
Spokane, Wash.: Railroad shops.....	26.0	14.04	1½	1½	9 - 9 - 54					

<sup>1</sup> Under agreement of Aug. 23 scale became 28.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.

<sup>2</sup> Scale became 32 cents and 48 hours on July 1, 1917.

<sup>3</sup> Work 53 hours, paid for 54.

<sup>4</sup> 25 cents per day additional when electrolytic copper sells at or above 15 cents per pound.

<sup>5</sup> Double time after midnight.

<sup>6</sup> Work 54 hours, paid for 60.

<sup>7</sup> Scale became 37 cents and 48 hours on July 1, 1917.

<sup>8</sup> Scale became 37 cents on June 1, 1917.

<sup>9</sup> Scale became 36.5 cents on June 1, 1917.

<sup>10</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## COPPERSMITHS.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—						Rate of wages—			
	Per hour.	Per week full time.	For ever- time.	For Sun- days and holi- days.			Per hour.	Per week full time.		
NORTH ATLANTIC.										
Boston, Mass.	55.0	26.40	2	2	8 - 8 - 48		Cents.	Dolls.		
New York, N. Y.	62.5	30.00	2	2	8 - 8 - 48		(2)	(2)		
Philadelphia, Pa.:										
Inside, shop A.	55.0	26.40	4 1/2	2	8 - 8 - 48		(2)	(2)		
Inside, shop B.	50.0	24.00	4 1/2	2	8 - 8 - 48		45.0	22.50		
Outside.	60.0	26.40	4 1/2	2	8 - 4 - 44	12	55.0	24.20		
SOUTH ATLANTIC.										
Baltimore, Md.	50.0	24.00	2	2	8 - 8 - 48		43.8	21.00		
NORTH CENTRAL.										
Chicago, Ill.:										
Shop A.	652.5	725.99	8 1/2	2	7 9 - 41-49 1/2	5				
Shop B.	55.0	24.20	1 1/2	2	8 - 4 - 44	12				
Cincinnati, Ohio.	50.0	24.00	1 1/2	2	8 1/2 - 48-48	12	42.4	21.00		
St. Louis, Mo.	45.0	19.80	1 1/2	2	8 - 4 - 44	12				

## CORE MAKERS.

NORTH ATLANTIC.								
Boston, Mass.	50.0	27.00	1 1/2	2	9 - 9 - 54		44.4	24.00
Bridgeport, Conn.	41.7	22.50	1 1/2	2	9 - 9 - 54		33.3	18.00
Buffalo, N. Y.	47.2	25.50	1 1/2	2	9 - 9 - 54		38.9	21.00
Fall River, Mass.	1241.7	22.50	1 1/2	1 1/2	9 - 9 - 54		36.1	19.50
Newark, N. J.	47.2	25.50	1 1/2	2	9 - 9 - 54		41.7	22.50
New York, N. Y.	1347.2	25.50	1 1/2	2	9 - 9 - 54		41.7	22.50
Philadelphia, Pa.	50.0	27.00	1 1/2	2	9 - 9 - 54		44.4	24.00
Pittsburgh, Pa.	50.0	24.00	1 1/2	2	8 - 8 - 48		44.4	24.00
Providence, R. I.	40.0	22.00	1 1/2	2	10 - 5 - 55	12	30.0	16.50
Rochester, N. Y.	47.2	25.50	1 1/2	2	9 - 9 - 54		41.7	22.50
Scranton, Pa.:								
Manufacturing shops, machinery.	1436.1	19.50	1 1/2	2	9 - 9 - 54			
Manufacturing shops, hot water and steam heating.	1438.9	21.00	1 1/2	2	9 - 9 - 54		27.5	16.50
Springfield, Mass.	1644.4	24.00	1 1/2	2	9 - 9 - 54		40.0	21.60
Worcester, Mass.	1644.4	24.00	1 1/2	2	9 - 9 - 54		38.9	21.00
SOUTH ATLANTIC.								
Baltimore, Md.	1746.9	22.50	1 1/2	2	8 - 8 - 48		33.3	18.00
Richmond, Va.	41.7	22.50	1 1/2	2	9 - 9 - 54		36.1	19.50

<sup>1</sup> Scale became 62.5 cents on Aug. 1, 1917.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> On new work, or repair work, regular rate multiplied by 2 1/2.<sup>4</sup> Double time after 9 p. m.<sup>5</sup> For July 4, Labor Day, and Christmas, triple time.<sup>6</sup> Scale became 55 cents on Aug. 1, 1917.<sup>7</sup> 54 hours and \$28.35 per week, October to April, inclusive.<sup>8</sup> Double time after 8 p. m.<sup>9</sup> Scale became 57.5 cents on Aug. 1, 1917.<sup>10</sup> And on Saturday afternoon.<sup>11</sup> Scale became 50 cents on May 22, 1917.<sup>12</sup> Scale became 44.4 cents on July 2, 1917.<sup>13</sup> Scale became 50 cents on July 1, 1917.<sup>14</sup> Scale became 44.4 cents on Aug. 1, 1917.<sup>15</sup> Scale became 47.2 cents on July 30, 1917.<sup>16</sup> Scale became 47.2 cents on June 4, 1917.<sup>17</sup> Scale became 53.1 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued..

## CORE MAKERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<i>REGULAR RATE MULTIPLIED BY—</i>										
<b>NORTH CENTRAL.</b>	<i>Cents.</i>	<i>Dolls.</i>					<i>Cents.</i>	<i>Dolls.</i>		
Chicago, Ill.....	56.3	27.00	1½	2	8 - 8 - 48		50.0	24.00	8 - 8 - '3	
Cincinnati, Ohio.....	44.4	24.00	1½	2	9 - 9 - 54				'3	
Cleveland, Ohio.....	144.4	24.00	1½	2	2 9 - 9 - 54	3	38.9	21.00	3 9 - 9 - '1	
Des Moines, Iowa.....	40.0	21.60	1½	2	9 - 9 - 54				'1	
Detroit, Mich.....	50.0	27.00	1½	2	9 - 9 - 54		44.4	24.00	9 - 9 - '1	
Grand Rapids, Mich.....	44.4	24.00	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - '1	
Indianapolis, Ind.....	44.4	24.00	1½	2	9 - 9 - 54		36.7	19.80	9 - 9 - 54	
Kansas City, Mo.....	50.0	27.00	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 51	
Minneapolis, Minn.....	36.1	19.50	1½	2	9 - 9 - 54					
Omaha, Nebr.....	45.0	24.30	1½	2	5 9 - 9 - 54		40.0	21.60	9 - 9 - '1	
Peoria, Ill.....	644.4	24.00	1½	2	9 - 9 - 54		41.7	22.50	9 - 9 - '1	
St. Louis, Mo.....	50.0	27.00	1½	2	9 - 9 - 54		41.7	22.50	9 - 9 - '1	
St. Paul, Minn.....	44.4	24.00	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - '1	
<b>SOUTH CENTRAL.</b>										
Little Rock, Ark.....	735.0	18.90	1½	2	9 - 9 - 54					
Memphis, Tenn.....	840.0	21.60	1½	2	9 - 9 - 54					
New Orleans, La.....	50.0	24.00	2	2	8 - 8 - 48		38.9	21.00	9 - 9 - '1	
<b>WESTERN.</b>										
Butte, Mont.....	56.3	27.00	1½	2	8 - 8 - 48					
Denver, Colo.....	950.0	24.00	1½	2	8 - 8 - 48		41.7	22.50	9 - 9 - '1	
Portland, Oreg.....	56.3	27.00	1½	2	8 - 8 - 48		41.7	22.50	9 - 9 - 51	
Salt Lake City, Utah:										
Manufacturing shops.....	56.3	27.00	1½	2	8 - 8 - 48		44.4	24.00	9 - 9 - '1	
Railroad shops.....	41.0	22.14	1½	1½	9 - 9 - 54		35.0	19.95	9½ - 9½ - 57	
San Francisco, Cal.....	53.1	25.50	10 1½	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48	
Seattle, Wash.....	56.3	27.00	10 1½	2	8 - 8 - 48		44.4	24.00	9 - 9 - 54	

## MACHINISTS.

NORTH ATLANTIC.									
Boston, Mass.: Railroad shops.....	132.5	17.55	1½	1½	12 9 - 8 - 53		30.5	16.47	12 9 - 8 - 53
Bridgeport, Conn.:									
Manufacturing shops, A.....	640.0	19.20	1½	2	8½ - 5 - 48	12			
Manufacturing shops, B.....	45.0	21.60	1½	2	8½ - 5 - 48	12			
Tool, disk, and gauge makers.....	1355.0	26.40	1½	2	8½ - 5 - 48	12			

<sup>1</sup> Scale became 50 cents on June 1, 1917.<sup>2</sup> 49½ hours and \$19.26, June to August, inclusive.<sup>3</sup> 50 hours and \$22.20, June to August, inclusive.<sup>4</sup> Scale became 45 cents on June 1, 1917.<sup>5</sup> 49½ hours and \$22.28 per week, May 15 to Sept. 15, inclusive.<sup>6</sup> Scale became 50 cents on July 1, 1917.<sup>7</sup> Scale became 41.7 cents on June 8, 1917.<sup>8</sup> Scale became 42 cents on June 15, 1917.<sup>9</sup> Scale became 59.4 cents on June 1, 1917.<sup>10</sup> Double time after midnight.<sup>11</sup> Scale became 34.5 cents on June 1, 1917.<sup>12</sup> Work 53 hours, paid for 54.<sup>13</sup> Scale became 65 cents in 1 establishment on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages				Hours—Full day; Saturdays; Full week.		Rate of wages		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—continued.										
Buffalo, N. Y.:										
Manufacturing shops, A...	40.0	21.60	1 1/2	2	9 - 9 - 54		Cents.	Dolls.		
Manufacturing shops, B...	40.0	19.20	2	2	8 - 8 - 48					
Tool and die makers, shops A...	50.0	27.00	1 1/2	2	9 - 9 - 54					
Tool and die makers, shops B...	50.0	24.00	2	2	8 - 8 - 48					
Diesinkers (for drop forgings)	70.0	37.80	1 1/2	2	9 - 9 - 54					
Millwrights...	55.0	26.40	2	2	8 - 8 - 48					
Specialists...	35.0	16.80	2	2	8 - 8 - 48					
Outside...	56.3	27.00	2 1/2	2	8 - 8 - 48					
Railroad shops, road D...	34.0	20.40	1 1/2	1 1/2	10 - 10 - 60		31.0	18.60	10 - 10 - 60	
Railroad shops, road E...	34.0	20.40	1 1/2	1 1/2	10 - 10 - 60					
Railroad shops, road F...	37.0	22.20	1 1/2	1 1/2	10 - 10 - 60		31.0	18.60	10 - 10 - 60	
Railroad shops, road G...	36.0	21.60	1 1/2	1 1/2	10 - 10 - 60		34.0	20.40	10 - 10 - 60	
Newark, N. J.:										
Specialists, manufacturing shops...	40.0	21.60	3 1/2	2	4 9 - 9 - 54					
Manufacturing shops...	45.0	21.60	3 1/2	2	5 8 - 8 - 48					
Tool and die makers, shops A...	45.0	24.30	3 1/2	2	4 9 - 9 - 54					
Tool and die makers, shops B...	50.0	24.00	3 1/2	2	5 8 - 8 - 48					
Outside...	68.8	30.25	2	2	8 - 4 - 44	12	62.5	27.50	8 - 4 - 44	
Breweries...	50.0	24.00	6 1/2	2	8 - 8 - 48					
New Haven, Conn.:										
Manufacturing shops...	50.0	24.00	1 1/2	2	7 8 - 8 - 48		42.5	20.40	7 8 - 8 - 48	
Tool and die makers...	55.0	26.40	1 1/2	2	7 8 - 8 - 48					
Specialists...	40.0	19.20	1 1/2	2	7 8 - 8 - 48		35.0	16.80	7 8 - 8 - 48	
Outside...	50.0	24.00	1 1/2	2	8 - 8 - 48					
Railroad shops...	32.0	17.28	1 1/2	1 1/2	9 9 - 8 - 53		30.5	16.47	9 9 - 8 - 53	
New York, N. Y.:										
Manufacturing shops...	56.3	27.00	10 1/2	2	8 - 8 - 48		46.9	22.50	8 - 8 - 48	
Marine work...	56.3	27.00	11 2	2	8 - 8 - 48		46.9	22.50	8 - 8 - 48	
Tool and die makers...	65.0	31.20	10 1/2	2	8 - 8 - 48		55.0	26.40	8 - 8 - 48	
Automobile repair shops...	56.3	27.00	2	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48	
Printing-press factories...	50.0	24.00	1 1/2	2	8 - 8 - 48		46.9	22.50	8 - 8 - 48	
Outside...	75.0	33.00	2	2	8 - 4 - 44	12	68.8	30.25	8 - 4 - 44	
Philadelphia, Pa.:										
Manufacturing shops, A...	48.0	25.92	1 1/2	2	4 9 - 9 - 54		45.0	24.30	4 9 - 9 - 54	
Manufacturing shops, B...	48.0	23.04	1 1/2	2	8 - 8 - 48		45.0	24.30	9 - 9 - 54	
Tool and die makers, shops A...	60.0	32.40	1 1/2	2	4 9 - 9 - 54		58.0	31.32	4 9 - 9 - 54	
Tool and die makers, shops B...	60.0	28.80	1 1/2	2	8 - 8 - 48		58.0	31.32	9 - 9 - 54	
Outside...	75.0	36.00	2	2	8 - 8 - 48		55.0	26.40	8 - 8 - 48	
Breweries...	55.0	26.40	10 1/2	2	8 - 8 - 48					
Railroad shops...	42.0	22.68	1 1/2	1 1/2	9 - 9 - 54		37.0	19.98	9 - 9 - 54	
Pittsburgh, Pa.:										
Manufacturing shops, A...	50.0	27.00	1 1/2	2	9 - 9 - 54		35.0	18.90	9 - 9 - 54	
Manufacturing shops, B...	50.0	24.00	1 1/2	2	8 - 8 - 48		45.0	21.60	8 - 8 - 48	
Manufacturing shops, C...	1240.0	20.80	1 1/2	2	9 1/2 - 48 - 52	12	35.0	18.20	9 1/2 - 48 - 52	
Manufacturing shops, D...	55.0	26.40	1 1/2	2	8 3/4 - 48 - 48	12	(13)	(13)	(13)	

<sup>1</sup> Double time after midnight.<sup>2</sup> Double time after 10 p. m.<sup>3</sup> Double time after 4 hours.<sup>4</sup> Hours vary, but total 54 per week.<sup>5</sup> Hours vary, but total 48 per week.<sup>6</sup> Double time after 5 hours.<sup>7</sup> Minimum; maximum 55 hours per week.<sup>8</sup> Scale became 35 cents on June 1, 1917.<sup>9</sup> Work 53 hours, paid for 54.<sup>10</sup> Double time after 9 p. m.<sup>11</sup> Triple time after 9 p. m.<sup>12</sup> Scale became 44 cents on May 16, 1917.<sup>13</sup> No scale in effect on May 16, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Pittsburgh, Pa.—Concl'd.	Cents	Dolls.	Regular rate multiplied by			Cents.	Dolls.		
Toolmakers.....	50.0	26.00	1½	2	9½- 4½-52	40.0	20.80	9½- 4½-52	
Outside.....	62.5	27.50	2 1½	2	8 - 4 - 44	1 (3)	(3)		
Breweries.....	50.0	24.00	4 1½	2	8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Railroad shops, road A.....	42.0	22.68	1½	1½	9 - 9 - 54	37.5	20.25	9 - 9 - 54	
Railroad shops, road B.....	45.0	24.30	1½	1½	9 - 9 - 54	38.0	20.52	9 - 9 - 54	
Providence, R. I.:									
Manufacturing shops.....	30.0	16.50	1½	2	10 - 5 - 55	12			
Tool and die makers.....	50.0	27.50	1½	2	10 - 5 - 55	12	38.0	20.9 10 - 5 - 55	
Specialists.....	25.0	13.75	1½	2	10 - 5 - 55	12			
Automobile repair, shops A.....	50.0	24.00	2	2	8 - 8 - 48				
Automobile repair, shops B.....	40.0	19.20	6 1½	2	8 - 8 - 48				
Breweries.....	50.0	24.00	2	2	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Railroad shops.....	32.0	17.28	1½	1½	8 - 9 - 53	30.5	16.47	8 - 9 - 53	
Rochester, N. Y.:									
Manufacturing shops, A.....	45.0	24.30	1½	2	9 - 9 - 54	40.0	21.60	9 - 9 - 54	
Manufacturing shops, B.....	45.0	22.50	1½	2	9 - 5 - 50	2	40.0	21.60 9 - 9 - 54	
Manufacturing shops, C.....	45.0	21.60	1½	2	8 - 8 - 48	40.0	19.20	8 - 8 - 48	
Tool and die makers, shops A.....	55.0	27.50	1½	2	9 - 5 - 50	2	50.0	27.00 9 - 9 - 54	
Tool and die makers, shops B.....	55.0	26.40	1½	2	8 - 8 - 48		50.0	24.00 8 - 8 - 48	
Worcester, Mass.:									
Railroad shops, road A.....	936.0	19.44	1½	1½	8 - 9 - 53	30.5	16.47	8 - 9 - 53	
Railroad shops, road B.....	1024.5	18.63	1½	1½	8 - 9 - 53	30.5	16.47	8 - 9 - 53	
Railroad shops, road C.....	36.0	19.44	1½	1½	8 - 9 - 53	32.0	17.28	8 - 9 - 53	
SOUTH ATLANTIC.									
Atlanta, Ga.:									
Manufacturing shops.....	40.0	21.60	1½	1½	9 - 9 - 54	35.0	21.00	10 - 10 - 60	
Jobbing shops.....	40.0	21.60	1½	1½	9 - 9 - 54				
Automobile repair shops.....	40.0	20.00	1½	1½	9 - 5 - 50	12	40.0	22.00 10 - 5 - 55	
Railroad shops,.....	1142.0	22.68	1½	1½	11 9 - 9 - 54				
Baltimore, Md.:									
Manufacturing shops.....	1247.0	22.56	18 1½	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Outside.....	1447.0	22.56	16 1½	2	8 - 8 - 48	37.5	18.00	8 - 8 - 48	
Railroad shops.....	40.0	21.60	1½	1½	9 - 9 - 54	35.5	19.17	9 - 9 - 54	
Charleston, S. C.:									
Manufacturing and jobbing shops.....	42.8	23.10	1½	2	16 9 - 9 - 54	38.9	21.00	16 9 - 9 - 54	
Railroad shops.....	1142.0	22.68	1½	1½	11 9 - 9 - 54				
Jacksonville, Fla.:									
Manufacturing shops.....	40.0	21.60	1½	2	9 - 9 - 54	38.0	20.52	9 - 9 - 54	
Railroad shops.....	1142.0	22.68	1½	1½	11 9 - 9 - 54				

<sup>1</sup> Scale became 55 cents on May 16, 1917.<sup>2</sup> Double time after midnight and on Saturday afternoons.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Double time after 10 p. m.<sup>5</sup> Scale became 42.5 cents on July 19, 1917.<sup>6</sup> Double time after 5 hours.<sup>7</sup> Scale became 35 cents on June 1, 1917.<sup>8</sup> Work 53 hours, paid for 54.<sup>9</sup> Scale became 39 cents on June 1, 1917.<sup>10</sup> Scale became 39.5 cents on August, 1917.<sup>11</sup> Under agreement of Aug. 23 scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>12</sup> Scale became 67.5 cents on Sept. 12, 1917.<sup>13</sup> Double time after midnight.<sup>14</sup> Scale became 55 cents on Sept. 12, 1917.<sup>15</sup> Double time after midnight and on Saturday after 4 p. m.<sup>16</sup> Hours vary, but total 54 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				
SOUTH ATLANTIC—concluded.								
Richmond, Va.:								
Manufacturing shops, A.	51.0	24.48	1½	1 2	8 - 8 -48	49.0	23.52 8 - 8 -48	
Manufacturing shops, B.	37.5	20.63	1½	1 2	10 - 5 -55	12	.....	
Locomotive shops	35.0	19.25	1½	2 1½	10 - 5 -55	12	.....	
Do.	40.0	22.00	1½	2 1½	10 - 5 -55	12	.....	
Specialists	27.5	13.20	1½	1 2	8 - 8 -48	25.0	12.00 8 - 8 -48	
Railroad shops	42.0	22.68	1½	1 2	8 - 9 -54	.....	.....	
Washington, D. C.:								
Manufacturing shops, A.	50.0	24.00	1½	2	8 - 8 -48	40.6	19.50 8 - 8 -48	
Manufacturing shops, B.	55.0	26.40	1½	1 2	8 - 8 -48	50.0	24.00 8 - 8 -48	
NORTH CENTRAL.								
Chicago, Ill.:								
Manufacturing and jobbing shops, A.	45.0	24.30	1½	2	9 - 9 -54	.....	.....	
Manufacturing and jobbing shops, B.	55.0	26.40	2	2	8½ - 4½ -48	12	46.9 22.51 8½ - 4½ -48	
Tool and die makers, shops A	61.0	29.28	2	2	8 - 8 -48	.....	52.9 25.39 8 - 8 -48	
Tool and die makers, shops B	50.0	27.00	1½	2	9 - 9 -54	.....	.....	
Specialists	41.0	22.14	1½	2	9 - 9 -54	.....	.....	
Breweries	60.0	28.80	2	2	8 - 8 -48	50.0	24.00 8 - 8 -48	
Outside	75.0	33.00	2	2	8 - 4 -44	12	.....	
Railroad shops, road B.	43.5	23.49	1½	1 2	6 9 - 9 -54	.....	.....	
Railroad shops, road C.	43.5	23.44	1½	1 2	7 9 - 8 -53	.....	41.0 22.06 8 9 - 8 -53	
Railroad shops, road E.	52.0	24.96	9 1½	1 2	8 - 8 -48	.....	43.5 20.88 8 - 8 -48	
Railroad shops, road F.	104.2	22.68	1	1	9 - 9 -54	.....	.....	
Railroad shops, roads G and H.	146.0	24.43	1½	1 2	9 - 8½ -53½	43.0	22.83 9 - 8½ -53½	
Railroad shops, road I.	147.5	25.65	1½	1 2	9 - 8 -53	44.5	24.03 9 - 8 -53	
Railroad shops, road J.	142.0	20.16	1½	1 2	8 - 8 -48	41.5	19.92 8 - 8 -48	
Railroad shops, road K.	145.0	24.30	1½	1 2	9 - 9 -54	.....	43.0 23.22 9 - 9 -54	
Railroad shops, road L.	132.5	20.40	1½	1 2	8 - 8 -48	.....	.....	
Cincinnati, Ohio:								
Manufacturing shops	42.0	20.16	1½	2	8½ - 5½ -48	12	35.0 16.80 8½ - 5½ -48	
Tool and die makers	48.0	23.04	1½	2	8½ - 5½ -48	12	42.5 20.40 8½ - 5½ -48	
Jobbing shops	42.0	20.16	10 1½	2	8 - 8 -48	.....	32.5 15.60 8 - 8 -48	
Breweries	42.5	20.40	9 1½	17 2	8 - 8 -48	.....	37.5 18.00 8 - 8 -48	
Outside	50.0	24.00	16 1½	2	8½ - 5½ -48	12	45.0 21.60 8½ - 5½ -48	

<sup>1</sup> For Sundays; for holidays, time and one-half.<sup>2</sup> For Sundays; for holidays, regular rate.<sup>3</sup> Under agreement of Aug. 23 scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective Sept. 1, 1917.<sup>4</sup> Scale became 57.5 cents on Sept. 1, 1917.<sup>5</sup> Scale became 52 cents on July 5, and 48 hours on Sept. 1, 1917.<sup>6</sup> Scale became 52 cents on Aug. 15, 1917.<sup>7</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Sept. 1, 1917.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>9</sup> Double time after midnight.<sup>10</sup> Scale became 49.5 cents on July 15, 1917.<sup>11</sup> Scale became 52 cents on Aug. 1, 1917.<sup>12</sup> Scale became 52 cents on Aug. 10, 1917.<sup>13</sup> Work 53 hours, paid for 54.<sup>14</sup> Scale became 47 cents on July 15, 1917.<sup>15</sup> Scale became 50 cents on July 15, 1917.<sup>16</sup> Double time after 10 p. m.<sup>17</sup> For July 4, Labor Day, and Christmas; for other holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.					
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Rate of wages—	Hours— Full day; Saturdays; Full week;				
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.			
<i>NORTH CENTRAL—continued.</i>												
Cincinnati, Ohio—Concl'd.	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>				
Railroad shops, road A	42.6	22.98	1½	1½	1 9 - 9 - 54	.....	37.5	20.25	9 - 9 - 54			
Railroad shops, road B	40.0	21.60	1½	1½	9 - 9 - 54	.....	50.0	25.00	9 - 5 - 50			
Railroad shops, road C	42.5	22.95	1½	1½	1 9 - 9 - 54	.....	38.5	20.79	9 - 9 - 54			
Railroad shops, road D	42.0	22.68	1½	1½	9 - 9 - 54	.....	36.0	19.44	9 - 9 - 54			
Railroad shops, road E	38.5	20.79	1½	1½	9 - 9 - 54	.....						
Cleveland, Ohio:												
Manufacturing shops	45.0	22.50	5 1½	2	9 - 5 - 50	12						
Tool and die makers	58.3	29.17	5 1½	2	9 - 5 - 50	12						
Specialists	36.1	18.06	5 1½	2	9 - 5 - 50	12						
Outside	65.0	32.60	5 1½	2	8 - 4 - 44	12						
Railroad shops	42.0	21.00	1½	1½	9 - 5 - 50	12	40.0	20.00	9 - 5 - 50			
Columbus, Ohio: Manufacturing shops	40.0	19.80	5 1½	2	9 - 4 ½ - 49 ½	12	36.0	17.82	9 - 4 ½ - 49 ½			
Des Moines, Iowa:												
Manufacturing shops	43.5	23.49	5 1½	2	9 - 9 - 54	.....	37.5	20.25	9 - 9 - 54			
Railroad shops	43.5	23.49	1½	1½	9 - 9 - 54	.....	40.0	21.60	9 - 9 - 54			
Detroit, Mich.:												
Manufacturing shops, A	47.0	23.50	1½	2	9 - 5 - 50	12	40.0	20.00	9 - 5 - 50			
Manufacturing shops, B	42.0	23.10	1½	2	10 - 5 - 55	12	40.0	22.00	10 - 5 - 55			
Tool and die makers, shops A	52.0	26.00	1½	2	9 - 5 - 50	12	45.0	22.50	9 - 5 - 50			
Tool and die makers, shops B	48.0	26.40	1½	2	10 - 5 - 55	12	42.5	23.38	10 - 5 - 55			
Trimmers and die makers	50.0	27.50	1½	2	10 - 5 - 55	12	45.0	24.75	10 - 5 - 55			
Die sinkers	65.0	35.75	1½	2	10 - 5 - 55	12	60.0	33.00	10 - 5 - 55			
Jobbing shops	45.0	24.30	1½	2	9 - 9 - 54	.....	40.0	21.60	9 - 9 - 54			
Outside	62.5	30.00	1½	2	8 - 8 - 48	.....						
Railroad shops, road A	31.0	18.60	1½	1½	10 - 10 - 60	.....						
Railroad shops, road D	35.5	19.17	1½	1½	9 - 9 - 54	.....						
Grand Rapids, Mich.:												
Manufacturing shops, A	27.5	14.85	1½	1½	9 - 9 - 54	.....						
Manufacturing shops, B	27.5	16.23	1½	1½	10 - 9 - 59	3						
Manufacturing shops, C	27.5	13.20	1½	1½	8 - 8 - 48	.....	(?)	(?)	(?)			
Tool and die makers, shops A	27.5	14.85	1½	1½	9 - 9 - 54	.....						
Tool and die makers, shops B	27.5	16.23	1½	1½	10 - 9 - 59	3						
Tool and die makers, shops C	27.5	13.20	1½	1½	8 - 8 - 48	.....	(?)	(?)	(?)			
Railroad shops, road A	38.0	20.90	1	1½	10 - 5 - 55	12	35.0	19.25	10 - 5 - 55			
Railroad shops, road B	39.5	23.70	1½	1½	10 - 10 - 60	.....	35.5	21.30	10 - 10 - 60			
Indianapolis, Ind.:												
Manufacturing shops	47.5	23.75	5 1½	2	9 - 5 - 50	12	45.0	22.50	9 - 5 - 50			
Breweries	1045.0	21.60	5 1½	2	8 - 8 - 48	.....						
Railroad shops, road A	38.5	19.25	1½	1½	9 - 5 - 50	12	36.0	18.00	9 - 5 - 50			
Railroad shops, road B	38.5	20.79	1½	1½	9 - 9 - 54	.....	36.0	19.44	9 - 9 - 54			
Railroad shops, road C	1040.5	21.87	1½	1½	9 - 9 - 54	.....	38.0	20.52	9 - 9 - 54			
Kansas City, Mo.:												
Manufacturing shops	50.0	24.00	5 1½	2	8 - 8 - 48	.....						
Tool and die makers	52.5	25.20	5 1½	2	8 - 8 - 48	.....						
Breweries	56.0	26.88	6 1½	2	8 - 8 - 48	.....	55.0	26.40	8 - 8 - 48			
Outside	62.5	27.50	5 1½	2	8 - 4 - 44	12						

<sup>1</sup> Scale became 50.5 cents and 48 hours on Aug. 1, 1917.<sup>2</sup> Scale became 43 cents on June 15, 1917.<sup>3</sup> Scale became 43 cents on Aug. 16, 1917.<sup>4</sup> Scale became 42 cents on Sept. 10, 1917.<sup>5</sup> Double time after midnight.<sup>6</sup> Scale became 48 cents on June 9, 1917.<sup>7</sup> Work 70 hours every other week.<sup>8</sup> 55 hours and \$15.13 per week, June to August, inclusive.<sup>9</sup> No scale in effect on May 15, 1916.<sup>10</sup> Scale became 52.5 cents on Aug. 25, 1917.<sup>11</sup> Scale became 47 cents on July 16, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday pre-valued	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
Kansas City, Mo.—Concl'd.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Railroad shops, road A.....	43.5	23.49	1½	1½	9 - 9 - 54		40.0	19.20	8 - 8 - 48	
Railroad shops, road B.....	42.5	20.40	1½	1½	8 - 8 - 48					
Railroad shops, roads C, D, and J.....	43.5	23.49	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54	
Railroad shops, road E.....	44.0	23.71	1½	1½	2 9 - 8 - 53		41.5	22.36	2 9 - 8 - 53	
Railroad shops, road F.....	43.5	23.44	1½	1½	2 9 - 8 - 53		41.0	22.09	2 9 - 8 - 53	
Railroad shops, road H.....	44.0	23.76	1½	1½	9 - 9 - 54		41.5	22.41	9 - 9 - 54	
Railroad shops, road I.....	42.5	22.95	1½	1½	9 - 9 - 54		40.0	21.60	9 - 9 - 54	
Railroad shops, road K.....	43.5	23.49	1½	1½	9 - 9 - 54					
Milwaukee, Wis.:										
Manufacturing shops.....	42.0	22.05	1½	2	9½ - 5 - 52½	12	33.0	18.15	10 - 5 - 55	
Breweries.....	55.0	24.20	3 1½	2	8 - 4 - 44	12	50.0	22.00	8 - 4 - 44	
Railroad shops.....	443.5	22.19	5 1½	1½	9 - 5 - 50	5				
Minneapolis, Minn.:										
Manufacturing shops.....	40.0	21.60	1½	1½	9 - 9 - 54		35.0	18.90	9 - 9 - 54	
Railroad shops, road A.....	53.0	25.44	5 1½	1½	6 8 - 7 - 47		44.5	22.70	7 9 - 5 - 50	
Railroad shops, road B.....	45.5	23.21	1½	1½	8 9 - 5 - 50	5				
Railroad shops, road C.....	45.5	23.21	1½	1½	8 9 - 5 - 50	5				
Moline, Ill.: Railroad shops.....	44.5	23.44	1½	1½	4 9 - 8 - 53		41.0	22.09	2 9 - 8 - 53	
Omaha, Nebr.:										
Manufacturing and jobbing shops.....	50.0	27.00	1½	1½	9 - 9 - 54		40.0	21.60	9 - 9 - 54	
Motor car shop.....	45.0	24.30	5 1½	1½	9 - 9 - 54		42.0	22.68	9 - 9 - 54	
Automobile repair shops.....	60.0	27.00	1½	1½	9 - 9 - 54		44.4	24.00	9 - 9 - 54	
Railroad shops, road A.....	45.5	24.57	1½	1½	9 - 9 - 54		43.0	23.22	9 - 9 - 54	
Railroad shops, road B.....	44.0	23.71	1½	1½	2 9 - 8 - 53		41.5	22.36	2 9 - 8 - 53	
Peoria, Ill.:										
Jobbing shops.....	1045.0	24.30	2	2	9 - 9 - 54		40.0	21.60	9 - 9 - 54	
Railroad shops, roads A and B.....	143.5	23.49	1½	1½	9 - 9 - 54		41.0	22.14	9 - 9 - 54	
Railroad shops, roads C and D.....	142.5	21.25	1½	1½	9 - 5 - 50	12	39.0	19.50	9 - 5 - 50	
St. Louis, Mo.:										
Manufacturing shops.....	44.0	23.76	5 1½	2	12 9 - 9 - 54		37.0	19.98	12 9 - 9 - 54	
Tool and die makers.....	55.0	29.70	5 1½	2	12 9 - 9 - 54		45.0	24.30	13 9 - 9 - 54	
Specialists.....	32.0	17.28	5 1½	2	13 9 - 9 - 54		27.5	14.85	13 9 - 9 - 54	
Breweries.....	55.0	26.40	5 1½	2	8 - 8 - 48					
Outside.....	162.5	27.50	2	2	8 - 4 - 44	12				
Printing machinery and repair shops.....	1550.0	24.00	5 1½	2	15 8 - 8 - 48					
Railroad shops, road A.....	46.5	25.11	1½	1½	9 - 9 - 54		41.5	22.41	9 - 9 - 54	
Railroad shops, road B.....	1644.0	23.71	1½	1½	2 9 - 8 - 53		41.5	22.36	2 9 - 8 - 53	

<sup>1</sup> Scale became 48 cents on May 16, 1917.<sup>2</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>3</sup> Double time after 2 hours.<sup>4</sup> Scale became 52 cents and 48 hours on June 1, 1917.<sup>5</sup> Double time after midnight.<sup>6</sup> Work 47 hours, paid for 48.<sup>7</sup> Work 50 hours, paid for 51; 53 hours paid for 54, October to April, inclusive.<sup>8</sup> Scale became 53 cents on June 1, and 48 hours on July 28, 1917.<sup>9</sup> Scale became 53 cents and 48 hours on May 16, 1917.<sup>10</sup> Scale became 55 cents on July 1, 1917.<sup>11</sup> Scale became 52.5 cents on July 1, 1917.<sup>12</sup> Scale became 47.5 cents on July 16, 1917.<sup>13</sup> Hours vary, but total 54 per week.<sup>14</sup> Scale became 75 cents on Sept. 1, 1917.<sup>15</sup> Scale became 60 cents and 44 hours on Oct. 1, 1917.<sup>16</sup> Scale became 50 cents on June 27, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
NORTH CENTRAL—concluded.				Regular rate multiplied by—					
St. Louis, Mo.—Concluded.				Cents. Dollars.	Cents. Dollars.				
Railroad shops, road B, night work.....	144.0	26.39	12	12	2 10 - 9 - 59	41.5	24.89	2 10 - 9 - 59	
Railroad shops, road C.....	345.0	21.60	4 12	12	3 8 - 8 - 48	42.0	20.16	8 - 8 - 48	
Do.....	345.0	21.60	4 12	12	3 8 - 8 - 48	42.5	20.40	8 - 8 - 48	
Do.....	345.0	24.30	4 12	12	8 9 - 9 - 54	42.0	22.68	9 - 9 - 54	
Railroad shops, road C, night work.....	345.0	24.30	6 12	12	3 9 - 9 - 54	42.5	22.95	9 - 9 - 54	
Do.....	345.0	24.30	5 12	12	3 9 - 9 - 54	42.0	22.68	9 - 9 - 54	
Railroad shops, road F.....	642.0	22.68	12	12	9 - 9 - 54	41.5	22.41	9 - 9 - 54	
Railroad shops, road G.....	43.5	23.44	12	12	8 9 - 8 - 53	41.0	22.09	8 9 - 8 - 53	
Railroad shops, road H.....	43.5	23.49	12	12	9 9 - 9 - 54	41.5	22.41	9 - 9 - 54	
St. Paul, Minn.:				Regular rate multiplied by—					
Manufacturing shops.....	40.0	21.60	4 12	2	9 - 9 - 54				
Railroad shops, road A.....	1045.5	23.21	4 12	12	10 9 - 5 - 50	5			
Railroad shops, roads B and C.....									
Railroad shops, road E.....	53.0	27.03	4 12	12	11 9 - 5 - 50	5	45.5	23.21	
Railroad shops, road E.....	45.5	23.21	12	12	13 9 - 5 - 50	5			
Wichita, Kans.:				Regular rate multiplied by—					
Manufacturing shops.....	34.0	20.40	12	12	10 - 10 - 60	32.0	19.20	10 - 10 - 60	
Railroad shops, road A.....	144.0	23.76	12	12	14 9 - 9 - 54	41.5	22.41	9 - 9 - 54	
Railroad shops, road B.....	144.0	20.68	12	12	16 8 - 7 - 47	41.5	19.51	16 8 - 7 - 47	
Railroad shops, road C.....	144.0	20.68	12	12	16 8 - 7 - 47	41.5	19.51	16 8 - 7 - 47	
Do.....	144.0	23.76	12	12	17 9 - 8 - 53	41.5	22.41	8 9 - 8 - 53	
Railroad shops, road D.....	1044.0	23.76	12	12	18 9 - 9 - 54	41.5	22.41	9 - 9 - 54	
SOUTH CENTRAL.				Regular rate multiplied by—					
Birmingham, Ala.:				Cents. Dollars.	Cents. Dollars.				
Manufacturing and jobbing shops.....	47.5	25.65	12	19 2	9 - 9 - 54	45.0	24.30	9 - 9 - 54	
Railroad shops, road B.....	43.5	23.49	12	12	9 - 9 - 54	41.0	22.14	9 - 9 - 54	
Railroad shops, roads D, E, and F.....	2042.0	22.68	12	12	20 9 - 9 - 54				
Houston, Tex.:				Regular rate multiplied by—					
Manufacturing and jobbing shops.....	40.0	21.60	12	12	9 - 9 - 54				
Railroad shops, road B.....	41.3	22.28	12	12	9 - 9 - 54				
Railroad shops, road C.....	40.0	21.60	12	12	9 - 9 - 54	(2)	(2)	(2)	

<sup>1</sup> Scale became 50 cents on June 27, 1917.<sup>2</sup> Work 59 hours, paid for 59 hours and 59 minutes.<sup>3</sup> Scale became 52 cents on July 1, and 48 hours on Sept. 1, 1917.<sup>4</sup> Double time after midnight.<sup>5</sup> Double time after midday.<sup>6</sup> Scale became 47 cents on June 1, 1917.<sup>7</sup> Scale became 52 cents on July 18, 1917.<sup>8</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>9</sup> Scale became 48 cents on May 16, and 52 cents and 48 hours on July 1, 1917.<sup>10</sup> Scale became 33 cents on June 1, and 48 hours on July 1, 1917.<sup>11</sup> Scale became 47 hours on June 20, 1917.<sup>12</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>13</sup> Work 53 hours, paid for 54, October to April, inclusive.<sup>14</sup> Scale became 51.5 cents and 48 hours on Oct. 1, 1917.<sup>15</sup> Scale became 50 cents on Sept 1, 1917.<sup>16</sup> Work 47 hours, paid for 47 hours and 47 minutes.<sup>17</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on Aug. 1, 1917.<sup>18</sup> Scale became 52 cents on June 1, and 48 hours on Sept. 1, 1917.<sup>19</sup> For Sundays; holidays, time and one-half.<sup>20</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 48 hours, effective on Sept. 1, 1917.<sup>21</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

Geographical division and city.	May 15, 1917.				Mos- dur- ing year end- ing May 15, 1917, Sat- urday half hol- iday pre- vailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sun- days and holidays.		Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.								
Little Rock, Ark.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.	
Manufacturing shops.....	45.0	24.30	1½	2	9 - 9 - 54	42.5	22.95	
Railroad shops, roads A and B.....	145.0	24.25	1½	1½	2 9 - 8 - 53	42.5	22.90	
Railroad shops, road B, night work.....	145.0	26.98	1½	1½	2 9½ - 8½ - 57	42.5	25.48	
Louisville, Ky.:								
Manufacturing shops.....	43.3	18.00	5 1½	2	9 - 9 - 54	.....	.....	
Breweries.....	641.5	19.92	5 1½	2	8 - 8 - 48	.....	.....	
Outside.....	40.0	21.60	5 1½	2	9 - 9 - 54	.....	.....	
Railroad shops, road F.....	41.0	22.14	1½	1½	9 - 9 - 54	38.0	20.52	
Railroad shops, road G.....	741.0	22.14	1½	1½	9 - 9 - 54	.....	.....	
Memphis, Tenn.:								
Manufacturing shops.....	50.0	24.00	8 1½	2	8 - 8 - 48	42.0	22.68	
Railroad shops, road A.....	45.0	24.30	1½	1½	9 - 9 - 54	42.5	22.95	
Railroad shops, road B.....	942.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14	
Railroad shops, roads D and F.....	45.0	24.25	1½	1½	2 9 - 8 - 53	42.5	22.90	
Nashville, Tenn.:								
Manufacturing shops.....	50.0	24.00	1½	2	8 - 8 - 48	37.5	18.00	
Railroad shops.....	42.0	22.68	1½	1½	9 - 9 - 54	40.5	21.87	
New Orleans, La.:								
Manufacturing shops.....	50.0	24.00	2	2	8 - 8 - 48	43.8	21.00	
Outside.....	56.3	27.00	2	2	8 - 8 - 48	50.0	24.00	
Railroad shops, road B.....	42.0	22.68	1½	1½	9 - 9 - 54	41.0	22.14	
Railroad shops, road E.....	46.0	24.84	1½	1½	9 - 9 - 54	41.0	22.14	
WESTERN.								
Butte, Mont.:								
Manufacturing and jobbing shops.....	1056.3	27.00	1½	2	8 - 8 - 48	.....	.....	
Outside.....	87.5	38.50	1½	2	8 - 4 - 44	12	.....	
Railroad shops.....	1147.5	25.65	1½	1½	9 - 9 - 54	.....	.....	
Denver, Colo.:								
Manufacturing shops.....	1242.5	21.68	8 1½	2	12 8½ - 8½ - 51	40.0	21.60	
Railroad shops, road A.....	50.0	24.00	1½	1½	8 - 8 - 48	42.0	20.16	
Railroad shops, road B.....	50.0	24.00	1½	1½	8 - 8 - 48	42.0	22.68	
Railroad shops, road D.....	643.5	20.88	1½	1½	8 - 8 - 48	42.0	20.16	
Railroad shops, road E.....	1341.0	23.76	1½	1½	13 9 - 9 - 54	43.0	23.22	
Los Angeles, Cal.: Breweries.....	62.5	30.00	14 1½	2	8 - 8 - 48	56.3	27.00	
Portland, Oreg.: Manufacturing and jobbing shops.....	50.0	24.00	8 1½	2	8 - 8 - 48	45.0	21.60	
Salt Lake City, Utah:								
Manufacturing shops.....	56.3	27.00	1½	1½	8 - 8 - 48	43.0	23.22	
Railroad shops.....	52.0	24.96	1½	1½	8 - 8 - 48	44.0	21.12	

<sup>1</sup> Scale became 50 cents on June 27, 1917.<sup>2</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>3</sup> Work 57 hours, paid for 59 hours and 57 minutes.<sup>4</sup> Scale became 35 cents on June 1, 1917.<sup>5</sup> Double time after 10 p. m.<sup>6</sup> Scale became 50 cents on June 1, 1917.<sup>7</sup> Scale became 47 cents on June 1, 1917.<sup>8</sup> Double time after midnight.<sup>9</sup> Under agreement of Aug. 23, scale became 50.5 cents, retroactive to Mar. 1, and 40 hours, effective on Sept. 1, 1917.<sup>10</sup> Scale became 75 cents on July 30, 1917.<sup>11</sup> Scale became 53 cents on June 20, 1917.<sup>12</sup> Scale became 52 cents and 48 hours on July 1, 1917.<sup>13</sup> Scale became 50 cents and 48 hours on July 1, 1917.<sup>14</sup> Double time after 3 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>WESTERN—concluded.</b>									
San Francisco, Cal.:									
All-round men and tool and die makers.....	Cents. 50.0	Dolls. 24.00	1 1/2	2	8 - 8 - 48		Cents. 45.0	Dolls. 21.60	
Specialists.....	37.5	18.00	1 1/2	2	8 - 8 - 48				
Automobile repair shops.....	56.3	27.00	1 1/2	2	8 - 8 - 48				
Seattle, Wash.:									
Manufacturing shops.....	50.0	24.00	2	2	8 - 8 - 48	12	60.0	26.40	
Outside.....	62.5	27.50	2	2	8 - 4 - 44			8 - 4 - 44	
Railroad shops.....	47.5	25.65	2 1/2	1 1/2	9 - 9 - 54				
Spokane, Wash.:									
Manufacturing and jobbing shops.....	53.1	25.50	3 1/2	2	8 - 8 - 48				
Railroad shops.....	53.0	28.62	1 1/2	1 1/2	9 - 9 - 54	12	47.5	23.65	
								9 - 9 - 54	

## MACHINISTS' HELPERS.

<b>NORTH ATLANTIC.</b>								
Boston, Mass.:								
Railroad shops, road A.....	24.5	13.23	1 1/2	1 1/2	5 9 - 8 - 53			
Railroad shops, road B.....	26.0	14.04	1 1/2	1 1/2	5 9 - 8 - 53	24.0	12.72	5 9 - 8 - 53
Buffalo, N. Y.:								
Manufacturing shops, A.....	30.0	16.20	2 1/2	2	9 - 9 - 54			
Manufacturing shops, B.....	30.0	14.40	2	2	8 - 8 - 48			
Outside.....	30.0	14.40	1 1/2	2	8 - 8 - 48			
Newark, N. J.; Outside.....	43.8	19.25	2	2	8 - 4 - 44	12		
New Haven, Conn.:								
Outside.....	37.5	18.00	2 1/2	2	8 - 8 - 48			
Railroad shops.....	26.0	14.04	1 1/2	1 1/2	5 9 - 8 - 53	24.5	13.23	5 9 - 8 - 53
New York, N. Y.:								
Manufacturing shops.....	43.8	21.00	8 1/2	2	8 - 8 - 48	12	37.5	18.00
Outside.....	43.8	19.25	2	2	8 - 4 - 44	12	37.5	16.50
Pittsburgh, Pa.:								
Outside.....	37.5	16.50	2 1/2	9 2	8 - 4 - 44	1	(10)	(10)
Railroad shops, road A.....	23.0	12.42	1 1/2	1 1/2	9 - 9 - 54	22.0	11.88	9 - 9 - 54
Railroad shops, road B.....	31.5	17.01	1 1/2	1 1/2	9 - 9 - 54	24.5	13.23	9 - 9 - 54
Providence, R. I.:								
Breweries.....	43.8	21.00	2	2	8 - 8 - 48	41.3	19.80	8 - 8 - 48
Railroad shops.....	25.0	13.25	1 1/2	1 1/2	5 9 - 8 - 53	24.0	12.72	5 9 - 8 - 53
<b>NORTH CENTRAL.</b>								
Chicago, Ill.:								
Outside.....	50.0	22.00	2	2	8 - 4 - 44	12		
Railroad shops, road B.....	23.5	12.69	1 1/2	1 1/2	12 9 - 9 - 54	(10)	(13)	(13)
Railroad shops, road C.....	26.5	14.28	1 1/2	1 1/2	15 9 - 8 - 53	(10)	(13)	(13)

<sup>1</sup> Double time after 4 hours.<sup>2</sup> Double time after midnight.<sup>3</sup> Double time after midnight, Mondays to Fridays; after 5 p. m., on Saturdays.

Scale became 27.5 cents on June 1, 1917.

Work 53 hours, paid for 54.

Scale became 27 cents on June 1, 1917.

Scale became 29 cents on June 1, 1917.

Double time after 9 p. m.

<sup>9</sup> And on Saturday afternoon.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Scale became 28 cents on June 1, 1917.<sup>12</sup> Scale became 26 cents on July 5, and 48 hours on Sept. 1, 1917.<sup>13</sup> Not organized on May 15, 1916.<sup>14</sup> Scale became 33 cents on Aug. 15, and 48 hours on Sept. 1, 1917.<sup>15</sup> Work 53 hours, paid for 53 hours and 53 minutes.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS' HELPERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—continued.										
Cincinnati, Ohio:	Cents.	Dolls.	Regular rate multiplied by—					Cents.	Dolls.	
Railroad shops, road A.....	21.0	11.34	1½	1½	1 9 - 9 - 54	.....	(*)	(*)	(*)	
Railroad shops, road B.....	21.5	11.61	1½	1½	9 - 9 - 54	.....				
Railroad shops, road C.....	22.0	11.88	1½	1½	9 - 9 - 54	.....				
Cleveland, Ohio: Outside railroad shops.....	45.0	19.80	4 1½	2	8 - 4 - 44	12				
Indianapolis, Ind.: Railroad shops.....	21.5	11.61	1½	1½	9 - 9 - 54	.....	17.0	9.18	9 - 9 - 54	
Kansas City, Mo.:										
Breweries.....	36.0	17.28	4 1½	2	8 - 8 - 48	.....				
Outside.....	43.8	19.25	4 1½	2	8 - 4 - 44	12				
Railroad shops, road A.....	25.0	13.50	1½	1½	9 - 9 - 54	.....				
Railroad shops, road B.....	23.5	11.28	1½	1½	8 - 8 - 48	.....	21.0	10.08	8 - 8 - 48	
Railroad shops, roads D and II.....	22.5	12.15	1½	1½	9 - 9 - 54	.....	20.0	10.80	9 - 9 - 54	
Railroad shops, road E.....	22.5	12.12	1½	1½	6 9 - 8 - 53	.....	20.0	10.78	6 9 - 8 - 53	
Do.....	26.0	14.01	1½	1½	6 9 - 8 - 53	.....	23.5	12.66	6 9 - 8 - 53	
Railroad shops, road F.....	26.5	14.28	1½	1½	6 9 - 8 - 53	.....	19.0	10.24	6 9 - 8 - 53	
Railroad shops, road I.....	25.0	13.50	1½	1½	9 - 9 - 54	.....	24.0	12.96	9 - 9 - 54	
Railroad shops, road J.....	24.0	12.96	1½	1½	9 - 9 - 54	.....	19.5	10.53	9 - 9 - 54	
Railroad shops, road K.....	22.0	11.88	1½	1½	9 - 9 - 54	.....	21.0	11.34	9 - 9 - 54	
Minneapolis, Minn.:	26.5	12.72	4 1½	1½	7 8 - 7 - 47	.....	22.5	11.48	8 9 - 5 - 50	
Moline, Ill.: Railroad shops.....	26.5	14.28	1½	1½	10 9 - 8 - 53	.....	(II)	(II)	(II)	
Pecoria, Ill.: Railroad shops.....	122.0	12.42	1½	1½	9 - 9 - 54	.....				
St. Louis, Mo.:										
Railroad shops, road A.....	27.0	14.58	1½	1½	9 - 9 - 54	.....	18.5	9.99	9 - 9 - 54	
Railroad shops, road B.....	122.5	12.12	1½	1½	6 9 - 8 - 53	.....	20.0	10.78	6 9 - 8 - 53	
Railroad shops, road B, night work.....	1822.5	13.50	1½	1½	14 10 - 9 - 59	.....	20.0	12.00	14 10 - 9 - 59	
Railroad shops, road C.....	124.0	12.96	1 1½	1 1½	16 9 - 9 - 54	.....	20.0	10.80	9 - 9 - 54	
Do.....	152.0	11.52	4 1½	1½	16 8 - 8 - 48	.....	20.0	9.60	8 - 8 - 48	
Do.....	1724.0	12.96	4 1½	1½	17 9 - 9 - 54	.....	22.0	11.88	9 - 9 - 54	
Railroad shops, road F.....	1825.0	13.50	1½	1½	9 - 9 - 54	.....	24.0	12.96	9 - 9 - 54	
Railroad shops, road G.....	1927.5	14.82	1½	1½	6 9 - 8 - 53	.....	26.5	14.28	6 9 - 8 - 53	
St. Paul, Minn.:										
Railroad shops, road A.....	221.5	11.61	4 1½	1½	21 9 - 8 - 53	.....	21.5	11.61	22 9 - 8 - 53	
Railroad shops, road C.....	27.0	14.58	4 1½	1½	22 9 - 8 - 53	.....				

<sup>1</sup> Scale became 27 cents and 48 hours on Aug. 1, 1917.<sup>2</sup> Scale became 25 cents on Aug. 16, 1917.<sup>3</sup> Not organized on May 15, 1916.<sup>4</sup> Double time after midnight.<sup>5</sup> Scale became 27.5 cents on May 16, 1917.<sup>6</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>7</sup> Work 47 hours, paid for 48.<sup>8</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive.<sup>9</sup> Scale became 33.5 cents on June 1, 1917.<sup>10</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 48 hours on June 1, 1917.<sup>11</sup> No scale in effect on May 15, 1916.<sup>12</sup> Scale became 28 cents on July 16, 1917.<sup>13</sup> Scale became 29.5 cents on June 27, 1917.<sup>14</sup> Work 59 hours, paid for 59 hours and 59 minutes.<sup>15</sup> Scale became 31 cents on July 1, and 48 hours on Sept. 1, 1917.<sup>16</sup> Double time after midday.<sup>17</sup> Scale became 32 cents on July 1, and 48 hours on Sept. 1, 1917.<sup>18</sup> Scale became 30 cents on June 1, 1917.<sup>19</sup> Scale became 34.5 cents on July 18, 1917.<sup>20</sup> Scale became 27 cents on June 1, 1917.<sup>21</sup> Work 53 hours, paid for 53 hours and 53 minutes. Scale became 47 hours on June 1, 1917.<sup>22</sup> Work 53 hours, paid for 54.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MACHINISTS' HELPERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.									
Wichita, Kans.: Railroad shops, road B.....	Cents. 22.0	Dolls. 10.51	1½	1½ 18 - 7 - 47	20.5	9.80	18 - 7 - 47		
Do.....	22.0	11.85	1½	1½ 29 - 8 - 53	20.5	11.05	29 - 8 - 53		
Railroad shops, road C.....	23.5	11.23	1½	1½ 18 - 7 - 47	21.0	10.03	18 - 7 - 47		
Do.....	23.5	12.66	1½	1½ 29 - 8 - 53	21.0	11.32	29 - 8 - 53		
SOUTH CENTRAL.									
Little Rock, Ark.: Railroad shops.....	23.0	12.39	1½	1½ 29 - 8 - 53	20.0	10.78	29 - 8 - 53		
Railroad shops, night work.....	23.0	13.79	1½	1½ 4½ - 8½ - 57	20.0	11.99	4½ - 8½ - 57		
Railroad shops, round house.....	23.0	12.39	1½	1½ 29 - 8 - 53	20.0	10.78	29 - 8 - 53		
WESTERN.									
Butte, Mont.: Manufacturing shops.....	46.9	22.50	1½	2 8 - 8 - 48	43.8	21.00	8 - 8 - 48		
Denver, Colo.: Manufacturing shops.....	6 26.0	13.26	6 1½	2 6 8½ - 8½ - 51	24.0	12.96	9 - 9 - 54		
Railroad shops, road A.....	34.0	16.32	1½	1½ 8 - 8 - 48	25.0	12.60	8 - 8 - 48		
Railroad shops, road B.....	34.0	16.32	1½	1½ 8 - 8 - 48	25.5	13.77	9 - 9 - 54		
Railroad shops, road D.....	26.5	12.72	1½	1½ 8 - 8 - 48	25.0	12.00	8 - 8 - 48		
Railroad shops, road E.....	25.5	13.50	1½	1½ 9 - 9 - 54	24.0	12.96	9 - 9 - 54		
Los Angeles, Cal.: Breweries.....	50.0	24.00	9 1½	2 8 - 8 - 48	37.5	18.00	8 - 8 - 48		
Salt Lake City, Utah: Railroad shops, drill-press men.....	34.0	16.32	1½	1½ 8 - 8 - 48	26.0	12.48	8 - 8 - 48		
Seattle, Wash.....	37.5	18.00	2	2 8 - 8 - 48	(10)	(10)	(10)		

## METAL POLISHERS AND BUFFERS.

NORTH ATLANTIC.								
Boston, Mass.....	46.9	22.50	1½	2 8½ - 42 - 48	12	39.0	19.50	9 - 5 - 50
Bridgeport, Conn.: Shops A.....	34.6	16.61	1½	2 8½ - 42 - 48	12			
Shops B.....	40.0	19.20	1½	2 11 8 - 8 - 48	35.0	16.80	11 8 - 8 - 48	
Shops C.....	38.0	18.24	1	1½ 8 - 8 - 48				
Buffalo, N. Y.: Shops A.....	35.0	18.90	1½	1½ 9 - 9 - 54				
Shops B.....	35.0	19.25	1½	1½ 10 - 5 - 55	4	35.0	12 21.00	12 10 - 10 - 60
Newark, N. J.: Shops A.....	45.0	24.75	1½	2 10 - 5 - 55	12	35.0	19.25	10 - 5 - 55
Shops B.....	45.0	23.63	1½	2 9½ - 5 - 52½	12	35.0	18.38	9½ - 5 - 52½
Shops C.....	35.0	18.90	1½	2 9 - 9 - 54				
Shops D.....	35.0	16.80	1½	2 8 - 8 - 48				
New Haven, Conn.: Shops A.....	35.0	19.25	1	1 10 - 5 - 55	12			
Shops B.....	33.3	18.00	1	1 9 - 9 - 54				
New York, N. Y.....	42.0	21.00	1½	2 9 - 5 - 50	12	41.0	18.04	9 - 5 - 50

<sup>1</sup> Work 47 hours, paid for 47 hours and 47 minutes.<sup>2</sup> Work 53 hours, paid for 53 hours and 53 minutes.<sup>3</sup> Scale became 29.5 cents on June 27, 1917.<sup>4</sup> Work 57 hours, paid for 59 hours and 57 minutes.<sup>5</sup> Scale became 34 cents and 48 hours on July 1, 1917.<sup>6</sup> Double time after midnight.<sup>7</sup> Scale became 3½ cents on June 1, 1917.<sup>8</sup> Scale became 32 cents on July 1, 1917.<sup>9</sup> Double time after 3 hours.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Hours vary, but total 48 per week.<sup>12</sup> 55 hours and \$19.25 per week, June to August, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## METAL POLISHERS AND BUFFERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Rate of wages—					
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>										
Philadelphia, Pa.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Shops A.....	40.0	20.00	1 1/2	2	9 - 5 - 50	12	35.0	17.50	9 - 5 - 50	
Shops B.....	50.0	24.00	1 1/2	2	8 - 8 - 48	4	35.0	17.50	9 - 5 - 50	
Pittsburgh, Pa.:										
Shops A.....	45.0	24.30	1 1/2	2	9 1/2 - 5 1/2 - 54	12	40.0	21.60	9 1/2 - 5 1/2 - 54	
Shops B.....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	40.0	19.20	8 - 8 - 48	
Shops C.....	45.0	21.60	1 1/2	2	8 - 8 - 48	12	.....	.....	.....	
Jobbing shops.....	45.0	22.50	1 1/2	2	9 - 5 - 50	5	40.0	20.30	9 - 7 - 52	
Rochester, N. Y.:										
Shops A.....	44.3	21.90	1 1/2	2	9 - 4 1/2 - 49 1/2	12	38.5	19.25	9 - 5 - 50	
Shops B.....	45.0	22.28	1 1/2	2	9 - 4 1/2 - 49 1/2	1	38.5	20.79	9 - 9 - 54	
Springfield, Mass.:										
Shops A.....	48.0	23.04	1 1/2	2	8 1/2 - 4 1/2 - 48	12	.....	.....	.....	
Shops B.....	58.0	27.84	1 1/2	2	8 1/2 - 4 1/2 - 48	12	.....	.....	.....	
Shops C.....	60.0	30.00	1 1/2	2	9 - 5 - 50	12	.....	.....	.....	
<b>SOUTH ATLANTIC.</b>										
Baltimore, Md. ....	235.6	17.10	1 1/2	2	8 - 8 - 48	.....	33.8	16.20	8 - 8 - 48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill. ....	46.0	22.08	1 1/2	2	8 1/2 - 4 1/2 - 48	12	.....	.....	.....	
Cincinnati, Ohio. ....	40.0	21.00	1 1/2	2	9 1/2 - 5 - 52	12	36.0	18.90	9 1/2 - 5 - 52	
Jobbing shops.....	43.8	21.00	1 1/2	2	8 1/2 - 5 1/2 - 48	12	40.6	19.50	8 1/2 - 5 1/2 - 48	
Cleveland, Ohio. ....	50.0	24.00	1 1/2	2	8 - 8 - 48	12	40.0	21.60	9 - 9 - 54	
Columbus, Ohio. ....	35.0	19.25	4 1/2	2	10 - 5 - 55	12	.....	.....	.....	
Detroit, Mich.:										
Shops A.....	40.0	24.00	1 1/2	2	10 - 10 - 60	.....	.....	.....	.....	
Shops B.....	55.0	29.70	1 1/2	2	9 - 9 - 54	.....	40.0	21.60	9 - 9 - 54	
Shops C.....	50.0	27.00	1 1/2	2	5 9 - 9 - 54	4	40.0	21.60	9 - 9 - 54	
Shops D.....	40.0	20.00	1 1/2	2	9 - 5 - 50	12	.....	.....	.....	
Stove works.....	55.0	28.88	1 1/2	2	10 - 7 1/2 - 52	.....	50.0	27.00	9 - 7 1/2 - 52	
Grand Rapids, Mich. ....	47.2	25.50	1 1/2	2	9 - 9 - 54	.....	33.3	18.00	9 - 9 - 54	
Indianapolis, Ind. ....	40.0	20.00	1 1/2	2	9 - 5 - 50	12	.....	.....	9 - 9 - 54	
Kansas City, Mo. ....	50.0	24.00	1 1/2	2	8 - 8 - 48	.....	45.0	21.60	8 - 8 - 48	
Milwaukee, Wis. ....	40.0	22.00	1 1/2	2	10 - 5 - 55	12	35.0	19.25	10 - 5 - 55	
St. Louis, Mo. ....	38.0	21.60	1 1/2	2	8 9 - 9 - 54	.....	.....	.....	.....	
Stove works.....	50.0	24.75	1 1/2	2	9 1/2 - 4 1/2 - 49 1/2	12	45.0	22.28	9 - 4 1/2 - 49 1/2	
<b>WESTERN.</b>										
Los Angeles, Cal. ....	43.8	21.00	1 1/2	2	8 - 8 - 48	.....	.....	.....	.....	
San Francisco, Cal. ....	38.9	21.00	1 1/2	10 2	9 9 - 9 - 54	.....	.....	.....	.....	
Seattle, Wash. ....	50.0	22.00	1 1/2	2	8 - 4 - 44	11	50.0	24.0	8 - 8 - 48	

<sup>1</sup> Double time after midnight.<sup>2</sup> Scale became 37.8 cents on Oct. 1, 1917.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> And on Saturday afternoon.<sup>5</sup> 50 hours and \$25 per week, November to February, inclusive.<sup>6</sup> 50 hours and \$20 per week, November to February, inclusive.<sup>7</sup> Work 52 1/2 hours, paid for 54.<sup>8</sup> Scale became 50 cents and 49 1/2 hours on Aug. 1, 1917.<sup>9</sup> Scale became 50 cents and 48 hours on June 1, 1917.<sup>10</sup> For Sundays; for holidays, time and one-half.<sup>11</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MOLDERS: Iron.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC.									
Boston, Mass.: Iron and brass	50.0	27.00	1½	2	9 - 9 - 54	.....	Cents	Dolls.	
Bridgeport, Conn.: Iron and brass	41.7	22.50	1½	2	9 - 9 - 54	.....	44.4	24.00	
Buffalo, N. Y.: Iron and brass	47.2	25.50	1½	2	9 - 9 - 54	.....	33.3	18.00	
Fall River, Mass.: Iron and brass	41.7	22.50	1½	1½	9 - 9 - 54	.....	41.7	22.50	
Newark, N. J.:							36.1	19.50	
Iron.....	47.2	25.50	1½	2	9 - 9 - 54	.....	41.7	22.50	
Brass.....	242.0	21.00	1½	2	9 - 5 - 50	12			
New York, N. Y. ....	347.2	25.50	1½	2	9 - 9 - 54	.....	41.7	22.50	
Philadelphia, Pa. ....	50.0	27.00	1½	2	9 - 9 - 54	.....	44.4	24.00	
Pittsburgh, Pa.: Iron and brass.....	59.0	24.00	1½	2	8 - 8 - 48	.....	44.4	24.00	
Providence, R. I. ....	40.0	22.00	1½	2	10 - 5 - 55	12	30.0	16.50	
Rochester, N. Y.: Iron and brass.....	47.2	25.50	1½	2	9 - 9 - 54	.....	41.7	22.50	
Scranton, Pa.: Iron and brass:									
Machinery.....	438.9	21.00	1½	2	9 - 9 - 54	.....	27.5	16.50	
Hot water and steam heating.....	47.2	25.50	1½	2	9 - 9 - 54	.....	36.1	19.50	
Springfield, Mass.: Iron and brass.....	544.4	24.00	1½	2	9 - 9 - 54	.....	40.0	21.60	
Worcester, Mass.: Iron and brass.....	644.4	24.00	1½	2	9 - 9 - 54	.....	38.9	21.00	
SOUTH ATLANTIC.									
Atlanta, Ga. ....	41.7	22.50	1½	2	7 9 - 9 - 54	.....	35.0	21.00	
Baltimore, Md. ....	46.9	22.50	1½	2	8 - 8 - 48	.....	36.1	19.50	
Richmond, Va.:									
Manufacturing and jobbing shops.....	47.2	25.50	1½	2	9 - 9 - 54	.....	33.3	18.00	
Railroad shops.....	47.2	25.50	1½	2	9 - 9 - 54	.....	44.4	24.00	
Washington, D. C. ....	43.8	21.00	1½	2	8 - 8 - 48	.....	34.4	16.50	
NORTH CENTRAL.									
Chicago, Ill.: Iron and brass.....	56.3	27.00	1½	2	8 - 8 - 48	.....	50.0	24.00	
Cincinnati, Ohio.....	44.4	24.00	1½	2	9 - 9 - 54	.....			
Cleveland, Ohio: Iron and brass.....	44.4	24.00	10 1½	2	11 9 - 9 - 54	3	38.9	21.00	
Columbus, Ohio.....	44.4	24.00	1½	1½	9 - 9 - 54	.....	38.9	21.00	
Des Moines, Iowa.....	240.0	21.60	1½	2	9 - 9 - 54	.....			
Detroit, Mich.: Iron and brass.....	50.0	27.00	1½	2	9 - 9 - 54	.....	44.4	24.00	
Grand Rapids, Mich. ....	44.4	24.00	1½	2	9 - 9 - 54	.....	38.9	21.00	
Indianapolis, Ind. ....	44.4	24.00	1½	2	9 - 9 - 54	.....	38.9	21.00	
Machine.....	41.7	22.50	1½	2	9 - 9 - 54	.....	35.6	19.20	
Kansas City, Mo. ....	50.0	27.00	1½	2	9 - 9 - 54	.....	45.0	24.30	
Minneapolis, Minn.: Iron and brass.....	44.4	24.00	1½	2	9 - 9 - 54	.....	38.9	21.00	
Omaha, Nebr.: Iron and brass.....	45.0	24.30	1½	2	12 9 - 9 - 54	4	40.0	21.60	
Peoria, Ill. ....	44.4	24.00	1½	2	9 - 9 - 54	.....	41.7	22.50	

<sup>1</sup> Scale became 44.4 cents on July 2, 1917.<sup>2</sup> Scale became 45 cents on June 1, 1917.<sup>3</sup> Scale became 50 cents on July 1, 1917.<sup>4</sup> Scale became 44.4 cents on Aug. 1, 1917.<sup>5</sup> Scale became 47.2 cents on July 31, 1917.<sup>6</sup> Scale became 47.2 cents on June 4, 1917.<sup>7</sup> Hours vary, but total 54 per week.<sup>8</sup> Scale became 47.2 cents on July 1, 1917.<sup>9</sup> Scale became 50 cents on June 1, 1917.<sup>10</sup> And on Saturday afternoon, June to August, inclusive.<sup>11</sup> 50 hours per week, June to August, inclusive.<sup>12</sup> 49½ hours per week, May 19 to Sept. 15, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## MOLDERS, Iron—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—	Hours—Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—concluded.										
St. Louis, Mo.: Iron.....	Cents. 50.0	Dolls. 27.00	Regular rate multiplied by— 1½	2	9 - 9 - 54		Cents. 41.7	Dolls. 22.50	9 - 9 - 54	
Brass.....	50.0	27.00	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - 54	
St. Paul, Minn.....	47.2	25.50	1½	2	9 - 9 - 54		42.8	23.10	9 - 9 - 54	
SOUTH CENTRAL.										
Birmingham, Ala.....	44.4	24.00	1½	2	9 - 9 - 54		36.1	19.50	9 - 9 - 54	
Little Rock, Ark.: Iron and brass.....	41.7	22.50	1½	2	9 - 9 - 54		38.9	21.00	9 - 9 - 54	
Louisville, Ky.....	30.0	18.00	1	1	10 - 10 - 60		(2)	(2)	(2)	
Memphis, Tenn.....	10.0	21.60	1½	2	9 - 9 - 54					
New Orleans, La.....	50.0	24.00	2	2	8 - 8 - 48		38.9	21.00	9 - 9 - 54	
WESTERN.										
Butte, Mont.....	56.3	27.00	1½	2	8 - 8 - 48					
Denver, Colo.: Iron and brass.....	350.0	24.00	1½	2	8 - 8 - 48		44.4	24.00	9 - 9 - 54	
Portland, Oreg.: Iron and brass.....	56.3	27.00	1½	2	8 - 8 - 48		41.7	22.50	9 - 9 - 54	
Salt Lake City, Utah: Iron and brass—Manufacturing and jobbing shops.....	56.3	27.00	1½	2	8 - 8 - 48		44.4	24.00	9 - 9 - 54	
Railroad shops.....	41.0	22.14	1½	1½	9 - 9 - 54					
San Francisco, Cal.: iron and brass.....	53.1	25.50	1½	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48	
Seattle, Wash.: Iron and brass.....	56.3	27.00	1½	2	8 - 8 - 48		44.4	24.00	9 - 9 - 54	

## PATTERN MAKERS.

NORTH ATLANTIC.									
Boston, Mass.: Manufacturing shops, A .....	60.0	28.80	1½	2	8½ - 41 - 48	12	45.0	22.50	9 - 5 - 50
Manufacturing shops, B .....	60.0	28.80	1½	2	8½ - 41 - 48	1	47.0	25.38	9 - 9 - 54
Jobbing shops.....	60.0	28.80	1½	2	8½ - 41 - 48	12	47.0	23.50	9 - 5 - 50
Artificial stone molds.....	60.0	28.80	1½	2	8½ - 41 - 48	12	48.0	24.00	9 - 5 - 50
Bridgeport, Conn.: Manufacturing .....	62.5	30.00	1½	2	8½ - 41 - 48	12	45.0	22.50	9 - 5 - 50
Jobbing .....	65.0	31.20	1½	2	8½ - 41 - 48	12	47.0	23.50	9 - 5 - 50
Buffalo, N. Y.: Manufacturing shops, A .....	55.0	29.70	1½	2	9 - 9 - 54		45.0	24.30	9 - 9 - 54
Manufacturing shops, B .....	60.0	30.00	1½	2	9 - 5 - 50	12	45.0	22.50	9 - 5 - 50
Manufacturing shops, C .....	55.0	28.05	1½	2	8½ - 8½ - 51		45.0	22.95	8½ - 8½ - 51
Jobbing shops.....	60.0	26.40	1½	2	8 - 4 - 44	12	47.5	23.51	9 - 4½ - 49½
Newark, N. J.: Manufacturing shops .....	57.0	28.22	2	2	9 - 4½ - 49½	12	44.4	22.00	9 - 4½ - 49½
Jobbing shops .....	62.5	27.50	2	2	8 - 4 - 44	12	53.1	23.38	8 - 4 - 44
New Haven, Conn.: Manufacturing and jobbing shops.....	50.0	25.00	1½	2	9 - 5 - 50	12	40.0	20.00	9 - 5 - 50
Railroad shops.....	632.0	17.28	1½	1½	9 - 8 - 53		30.5	16.47	9 - 8 - 53

<sup>1</sup> Scale became 44.4 cents on June 8, 1917.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> Scale became 52.8 cents on June 1, 1917.<sup>4</sup> Double time after midnight.<sup>5</sup> Scale became 65 cents on June 11, 1917.<sup>6</sup> Scale became 35 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Continued.

## PATTERN MAKERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—concluded.</b>									
New York, N. Y.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.		
Manufacturing shops, A.....	53.0	26.50	2 2	9 -5 -50	12	.....	.....	9 -5 -50	
Manufacturing shops, B.....	51.0	24.48	2 2	8 3 -4 -48	12	.....	.....	8 -4 -44	
Manufacturing shops, C.....	51.0	24.48	2 2	8 3 -4 -48	12	.....	.....	8 -4 -44	
Manufacturing shops, D.....	56.3	27.00	2 2	8 -8 -48	.....	.....	.....	8 -7 -47	
Manufacturing shops, E.....	53.1	25.50	2 2	8 -8 -48	.....	.....	.....	8 -7 -47	
Marine work.....	57.0	27.36	2 2	8 -8 -48	.....	56.3	27.00	8 -8 -48	
Jobbing shops.....	75.0	33.00	2 2	8 -4 -44	12	60.0	26.40	8 -4 -44	
Architectural work.....	57.0	26.79	2 2	8 -7 -47	.....	53.1	24.97	8 -7 -47	
Architectural work, plaster.....	54.5	25.62	2 2	8 -7 -47	.....	51.0	23.97	8 -7 -47	
Manufacturing shops, metal.....	56.3	24.75	2 2	8 -4 -44	12	.....	.....	8 -4 -44	
Philadelphia, Pa.:									
Manufacturing shops, A.....	55.0	27.50	1 1 2	2	9 -5 -50	12	45.0	22.50	
Manufacturing shops, B.....	55.0	30.25	1 1 2	2	10 -5 -55	12	45.0	24.75	
Manufacturing shops, C.....	55.0	24.20	1 1 2	2	8 -4 -44	2	45.0	21.60	
Jobbing shops, A.....	62.5	27.50	1 1 2	2	8 -4 -44	12	50.0	25.00	
Jobbing shops, B.....	62.5	27.50	2 2	8 -4 -44	2	50.0	24.00	2 8 -8 -48	
Pittsburgh, Pa.:									
Manufacturing shops.....	55.0	28.60	1 1 2	2	9 1 -43 -52	12	50.0	26.00	
Jobbing shops, A.....	55.0	27.50	1 1 2	2	9 -5 -50	7	55.0	29.70	
Jobbing shops, B.....	55.0	24.20	1 1 2	2	8 -4 -44	12	55.0	26.40	
Jobbing shops, C.....	60.0	28.80	1 1 2	2	8 3 -4 -48	12	55.0	28.41 -48	
Providence, R. I.:	45.0	24.75	1 1 2	2	10 -5 -55	12	.....	.....	
Rochester, N. Y.:									
Manufacturing shops.....	52.0	26.00	1 1 2	2	9 -5 -50	12	48.0	24.00	
Manufacturing and jobbing shops.....	52.0	26.00	1 1 2	2	9 -5 -50	5	48.0	25.92	
Springfield, Mass.:									
Manufacturing shops, A.....	55.0	26.40	1 1 2	2	8 3 -4 -48	12	45.0	21.60	
Manufacturing shops, B.....	65.0	26.40	1 1 2	2	8 -8 -48	50.0	24.00	8 -8 -48	
Worcester, Mass.:	45.0	24.75	1 1 2	2	10 -5 -55	8	40.0	21.60	
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga. ....	45.0	24.30	1 1 2	1 1 2	6 9 -9 -54	.....	40.0	21.60	
Baltimore, Md.:									
Manufacturing shops, A.....	60.0	30.00	1 1 2	2	9 -5 -50	12	45.0	22.50	
Manufacturing shops, B.....	56.3	27.00	1 1 2	2	8 -8 -48	.....	45.0	21.60	
Richmond, Va.:									
Manufacturing shops and locomotive works.....	45.0	24.75	1 1 2	2	10 -5 -55	12	37.5	20.63	
Railroad shops, road A.....	41.7	22.50	1 1 2	1 1 2	9 -9 -54	.....	.....	.....	
Railroad shops, road B.....	41.5	22.41	1 1 2	2	9 -9 -54	.....	.....	.....	
Washington, D. C. ....	60.0	28.80	1 1 2	2	8 -8 -48	.....	50.0	24.00	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.:									
Manufacturing sh o p s , wood and metal.....	75.0	29.70	1 1 2	2	9 -9 -54	.....	.....	.....	
Jobbing shops.....	875.0	33.00	1 1 2	2	8 -4 -44	12	70.0	30.80	
Cincinnati, Ohio:									
Manufacturing shops.....	48.0	25.20	1 1 2	2	9 1 -5 -52 1 2	12	44.0	23.10	
Jobbing shops.....	60.0	30.00	1 1 2	2	9 -5 -50	12	50.0	25.00	
Cleveland, Ohio:									
Manufacturing shops.....	957.5	31.05	1 1 2	2	9 -9 -54	.....	48.0	25.92	
Jobbing shops.....	1062.5	27.80	1 1 2	2	8 -4 -44 1 2	12	55.0	24.48	
Columbus, Ohio.....	52.5	28.88	1 1 2	2	10 -5 -55	12	42.5	23.38	

<sup>1</sup> Double time after 10 p. m.<sup>2</sup> Hours vary but total 48 per week.<sup>3</sup> Scale became 65 cents on June 1, 1917.<sup>4</sup> Scale became 50 cents on Aug. 1, 1917.<sup>5</sup> Scale became 60 cents on Sept. 1, 1917.<sup>6</sup> Hours vary but total 54 per week.<sup>7</sup> Scale became 60 cents on July 1, 1917.<sup>8</sup> Scale became 80 cents on Aug. 1, 1917.<sup>9</sup> Scale became 60 cents on Aug. 1, 1917.<sup>10</sup> Scale became 70 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## METAL TRADES—Concluded.

## PATTERN MAKERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 13, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—concluded.										
Davenport, Iowa, and Moline and Rock Island, Ill.: Manufacturing shops.....	40.0	23.60	1½	1½	10 -9 -59	.....	Cents.	Dolls.	10 -9 -59	
Jobbing shops.....	155.0	32.45	1½	2	10 -9 -59	.....	50.0	29.50	10 -9 -59	
Detroit, Mich.: Manufacturing shops, A, wood and metal.....	55.0	27.50	1½	2	9 -5 -50	12	45.0	24.75	10 -5 -55	
Manufacturing shops, B, wood and metal.....	55.0	29.70	1½	2	2 9 -9 -54	7	45.0	24.30	3 9 -9 -54	
Jobbing shops.....	65.0	28.60	1½	2	8 -4 -44	8	45.0	22.50	9 -5 -50	
Grand Rapids, Mich.: Manufacturing shops, A.....	50.0	27.00	1½	2	9 -9 -54	.....	40.0	21.60	9 -9 -54	
Manufacturing shops, B.....	50.0	24.75	1½	2	9 -4 -49	12	40.0	22.00	10 -5 -55	
Jobbing shops, A.....	55.0	27.23	1½	2	9 -4 -49	12	40.0	19.80	9 -4 -49	
Jobbing shops, B.....	55.0	27.50	1½	2	9 -5 -50	9	40.0	23.60	10 -9 -50	
Indianapolis, Ind.: Manufacturing shops.....	45.0	22.50	1½	2	9 -5 -50	12	.....	.....	.....	
Jobbing shops.....	55.0	24.20	1½	2	8 -4 -44	12	.....	.....	.....	
Milwaukee, Wis.: Manufacturing shops.....	55.0	25.71	1½	2	6 84 -41 -46	12	52.0	24.96	8 4 -4 -48	
Minneapolis, Minn.: Manufacturing shops.....	48.0	26.40	1½	2	10 -5 -55	12	42.5	23.38	10 -5 -55	
Railroad shops.....	49.0	24.99	1½	1½	7 9 -5 -50	5	42.5	21.68	9 -5 -50	
St. Louis, Mo.: Manufacturing shops.....	53.0	26.50	1½	2	9 -5 -50	12	48.0	24.00	9 -5 -50	
Jobbing shops.....	60.0	26.40	1½	2	8 -4 -44	12	.....	.....	.....	
St. Paul, Minn.: Manufacturing shops.....	46.0	25.30	1½	2	10 -5 -55	12	42.5	23.38	10 -5 -55	
Railroad shops.....	49.0	24.99	1½	1½	7 9 -5 -50	5	42.5	21.68	9 -5 -50	
SOUTHERN CENTRAL.										
Birmingham, Ala.: Manufacturing shops.....	60.0	32.40	8 1½	2	9 -9 -54	.....	50.0	27.00	9 -9 -54	
Jobbing shops.....	60.0	26.40	1½	2	8 -4 -44	12	50.0	22.00	8 -4 -44	
Houston, Tex.....	61.0	32.94	1½	2	9 -9 -54	.....	56.0	30.24	9 -9 -54	
Memphis, Tenn.....	47.5	25.65	8 1½	2	9 -9 -54	.....	45.0	24.30	9 -0 -54	
WESTERN.										
Denver, Colo.....	60.0	32.40	1½	2	9 -9 -54	.....	50.0	27.00	9 -9 -54	
Los Angeles, Cal.: Manufacturing shops.....	50.0	24.00	10 1½	2	8 -8 -48	.....	.....	.....	.....	
Jobbing shops.....	53.0	25.44	10 1½	2	8 -8 -48	.....	.....	.....	.....	
Portland, Oreg.: Manufacturing shops.....	53.3	27.00	8 1½	2	8 -8 -48	.....	44.4	24.00	9 -0 -54	
Jobbing shops.....	68.8	33.00	8 1½	2	8 -8 -48	.....	50.0	27.00	9 -0 -54	
Salt Lake City, Utah.....	56.3	27.00	8 1½	2	8 -8 -48	.....	44.4	24.00	11 9 -9 -54	
San Francisco, Cal.....	62.5	30.00	8 1½	2	8 -8 -48	.....	.....	.....	.....	
Seattle, Wash.: Manufacturing and jobbing shops.....	56.3	27.00	2	2	8 -8 -48	.....	(12)	(12)	(12)	
Shipyards.....	56.3	27.00	2	2	8 -8 -48	.....	(12)	(12)	(12)	

<sup>1</sup> Scale became 60 cents and 55 hours on June 1, 1917.

<sup>2</sup> 50 hours and \$27.50 per week, September to March, inclusive.

<sup>3</sup> 50 hours and \$22.50 per week, September to March, inclusive.

<sup>4</sup> Scale became 60 cents on July 1, 1917.

<sup>5</sup> Scale became 75 cents on July 1, 1917.

<sup>6</sup> Scale became 60 cents and 44 hours on July 1, and 62½ cents on Sept. 1, 1917.

<sup>7</sup> Work 50 hours, paid for 51; 53 hours, paid for 54, October to April, inclusive. Scale became 8 hours per day, 48 per week, on June 1, 1917.

<sup>8</sup> Double time after midnight.

<sup>9</sup> Scale became 65 cents on July 1, 1917.

<sup>10</sup> Double time after 10 p. m.

<sup>11</sup> 49½ hours and \$22 per week, June to August, inclusive.

<sup>12</sup> No scale in effect May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## MILLWORK.

## CARPENTERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Sat., Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.: Cabinetmakers, molders, stock sawyers, stock fitters, turners, and blank resawyers.....	Cents. 50.0	Dolls. 22.00	Regular rate multiplied by— 2 2		8 -4 -44	12	Cents. 45.0	Dolls. 21.60	
Planermen, matchermen, sandpaper-machine men, mortisers, tenoners, and sawyers for straight molders.....	45.0	19.80	2	2	8 -4 -44	12	40.0	19.20	
Stock cutters.....	50.0	22.00	2	2	8 -4 -44	12	43.9	20.64	
Bridgeport, Conn.....	38.9	19.45	1½	2	9 -5 -50	12	36.1	18.06	
Buffalo, N. Y.: Shops A.....	35.0	16.80	1½	2	1 8 -8 -48	3	30.0	14.40	
Shops B.....	35.0	18.90	1½	2	8 9 -9 -48	3	32.5	17.55	
Newark, N. J.: Molding-machine men.....	40.9	18.00	2	2	8 -4 -44	1	37.5	18.00	
Bench hands, millmen.....	35.2	15.50	2	2	8 -4 -44	1	32.3	15.50	
New Haven, Conn.....	40.0	17.60	2	2	8 -4 -44	12	(5)	(5)	
New York, N. Y.: Cabinet workers.....	56.3	24.75	2	6 2	8 -4 -44	12	50.0	22.00	
Benchmen.....	40.9	18.00	2	2	8 -4 -44	12	.....	.....	
Philadelphia, Pa.....	740.0	20.00	8 1½	2	9 -5 -50	12	.....	.....	
Pittsburgh, Pa.....	50.0	24.75	1½	10 2	9 -4 1 -49½	12	44.4	22.00	
Rochester, N. Y.....	40.6	19.50	1½	2	11 8 -8 -48	.....	.....	.....	
Springfield, Mass.: Molding-machine men.....	45.8	22.00	2	2	8 3 -4 3 -48	12	.....	.....	
Turners.....	41.7	20.00	2	2	8 3 -4 3 -48	12	.....	.....	
Bench hands, stock cutters, cabinetmakers.....	37.5	18.00	2	2	8 3 -4 3 -48	12	.....	.....	
Planer hands, sanders and sawyers.....	31.3	15.00	2	2	8 3 -4 3 -48	12	.....	.....	
Worcester Mass.: Cabinetmakers, first class, and upright molders.....	135.0	16.80	18 1½	2	8 3 -4 3 -48	12	35.7	17.83	
Cabinetmakers, second class, and millmen.....	135.0	16.80	18 1½	2	8 3 -4 3 -48	12	33.7	16.83	
<b>SOUTH ATLANTIC.</b>									
Jacksonville, Fla.....	1433.3	18.00	16 1½	2	9 -9 -54	.....	.....	.....	
Washington, D. C.: Layers off.....	143.8	21.00	1½	2	8 -8 -48	.....	40.6	19.50	
Variety molders.....	142.5	20.40	1½	2	8 -8 -48	.....	39.4	18.90	
Cabinetmakers and bench hands.....	1840.6	19.50	1½	2	8 -8 -48	.....	37.5	18.00	
Turners and band and scroll sawyers.....	141.3	19.80	1½	2	8 -8 -48	.....	38.1	18.30	
Molers, crosscut millwork and frame makers.....	237.5	18.00	1½	2	8 -8 -48	.....	34.4	16.50	
Berlin sanders.....	231.9	15.30	1½	2	8 -8 -48	.....	28.8	13.80	
Planing-machine men.....	231.3	15.00	1½	2	8 -8 -48	.....	28.1	13.50	

<sup>1</sup> 44 hours and \$15.40 per week, June to August, inclusive.

<sup>2</sup> 44 hours and \$13.20 per week, June to August, inclusive.

<sup>3</sup> 50 hours and \$17.50 per week, June to August, inclusive.

<sup>4</sup> 50 hours and \$16.25 per week, June to August, inclusive.

<sup>5</sup> No scale in effect on May 15, 1916.

<sup>6</sup> Work on Saturday afternoons prohibited.

<sup>7</sup> Scale became 45 cents on June 1, 1917.

<sup>8</sup> Double time after 10 p. m.

<sup>9</sup> Scale became 52.8 cents on July 1, 1917.

<sup>10</sup> And on Saturday afternoons.

<sup>11</sup> Hours vary, but total 48 per week.

<sup>12</sup> Rate reduced, but all received more than scale.

<sup>13</sup> Double time after 9 p. m.

<sup>14</sup> Scale became 40 cents on June 1, 1917.

<sup>15</sup> Double time after midnight.

<sup>16</sup> Scale became 48.8 cents on Aug. 1, 1917.

<sup>17</sup> Scale became 47.5 cents on Aug. 1, 1917.

<sup>18</sup> Scale became 45.6 cents on Aug. 1, 1917.

<sup>19</sup> Scale became 46.3 cents on Aug. 1, 1917.

<sup>20</sup> Scale became 42.5 cents on Aug. 1, 1917.

<sup>21</sup> Scale became 36.9 cents on Aug. 1, 1917.

<sup>22</sup> Scale became 36.3 cents on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## MILLWORK—Continued.

## CARPENTERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Millmen.....	Cents. 45.0	Dolls. 21.15	Regular rate multiplied by— $\frac{1}{2}$	2	8½-41-47	8	Cents. 43.0	Dolls. 21.29	19-43-49½	
Planing-mill hands.....	33.8	17.82	$\frac{1}{2}$	2	9-9-54	...	28.0	15.12	9-9-54	
Cleveland, Ohio.....	50.0	22.00	$\frac{1}{2}$	2	8-4-44	12	42.5	18.70	8-4-44	
Grand Rapids, Mich.....	36.0	19.44	$\frac{1}{2}$	2	9-9-54	...	30.0	16.20	9-9-54	
Kansas City, Mo.....	40.0	21.60	$\frac{1}{2}$	2	9-9-54	...	...	...	...	
Milwaukee, Wis.....	40.0	20.00	$\frac{1}{2}$	2	9-5-50	12	37.0	18.50	9-5-50	
Minneapolis, Minn.....	35.0	18.90	$\frac{1}{2}$	2	9-9-54	...	...	...	...	
Omaha, Nebr.....	30.0	16.20	$\frac{1}{2}$	1½	9-9-54	...	...	...	...	
Peoria, Ill.....	35.0	18.90	1½	2	9-9-54	...	...	...	...	
Rock Island, Ill.....	37.5	19.88	$\frac{1}{2}$	1½	9-8-53	...	30.0	15.90	9-8-53	
St. Louis, Mo.....	38.0	18.24	2	2	88-48-48	12	36.0	17.28	84-48-48	
St. Paul, Minn.....	35.0	18.90	$\frac{1}{2}$	2	9-9-54	...	...	...	...	
<b>SOUTH CENTRAL.</b>										
Little Rock, Ark.: Benchmen.....	40.0	21.60	$\frac{1}{2}$	2	9-9-54	...	30.0	16.20	9-9-54	
Machinemen.....	37.5	20.25	$\frac{1}{2}$	2	9-9-54	...	25.0	13.50	9-9-54	
Memphis, Tenn.: Benchmen, bill cutters, turners, molders, and shapers.....	42.5	21.25	1½	2	9-5-50	12	37.5	18.75	9-5-50	
Joiners, sticker men, and tenoners.....	40.0	20.00	1½	2	9-5-50	12	35.0	17.50	9-5-50	
Mortisers, band and scroll sawyers.....	30.0	15.00	1½	2	9-5-50	12	25.0	12.50	9-5-50	
Sanders and second turners.....	37.0	18.50	1½	2	9-5-50	12	32.0	16.00	9-5-50	
Second molders.....	32.5	16.25	1½	2	9-5-50	12	27.5	13.75	9-5-50	
Nashville, Tenn.: Benchmen.....	30.0	15.00	1½	2	9-5-50	12	...	...	...	
Machinemen.....	22.5	11.25	1½	2	9-5-50	12	...	...	...	
New Orleans, La.....	25.0	12.50	1½	2	9-5-50	12	...	...	...	
<b>WESTERN.</b>										
Butte, Mont.....	75.0	36.00	$\frac{1}{2}$	2	8-8-48	...	...	...	...	
Los Angeles, Cal.....	43.8	21.00	$\frac{1}{2}$	1½	8-8-48	...	...	...	...	
Salt Lake City, Utah.....	50.0	24.75	$\frac{1}{2}$	1½	9-41-49½	5	42.5	21.04	89-41-49½	
San Francisco, Cal.: Sticker men, shapers and matchers.....	68.8	30.25	2	2	8-4-44	...	62.5	30.00	8-8-48	
Layers out, sash and doors. Stock cutters, cabinet workers, band, rip, and trim sawyers, smoothers and molders on veneered doors, sash and trim, and wood turners.....	65.6	28.88	2	2	8-4-44	...	59.4	28.50	8-8-48	
Stock cutters, sash stickers, roller sanders and planer men.....	62.5	27.50	2	2	8-4-44	...	56.3	27.00	8-8-48	
Smoothers and molders on stock for sash and doors, putters up of sash and doors.....	56.3	24.75	2	2	8-4-44	...	50.0	24.00	8-8-48	
Elbow sanders, mortisers, and tenoners.....	50.0	22.00	2	2	8-4-44	...	43.8	21.00	8-8-48	
Seattle, Wash.....	46.9	20.63	2	2	8-4-44	...	40.6	19.50	8-8-48	
	50.0	24.00	2	2	8-8-48	...	...	...	...	

<sup>1</sup> 54 hours and \$23.22 per week, October to March, inclusive.<sup>2</sup> Scale became 40 cents on June 13, 1917.<sup>3</sup> 54 hours and \$22.95 per week, October to April, inclusive.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## MILLWORK—Continued.

## GLAZIERS.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
<i>Regular rate multiplied by—</i>									
NORTH ATLANTIC.	Cents.	Dolls.				Cents.	Dolls.		
Boston, Mass.	45.5	20.02	1½	2	8 -4 -44	12 (1)	(1)	(1)	
Bridgeport, Conn.	40.0	20.00	1½	2	9 -5 -50	12 (1)	(1)	(1)	
Buffalo, N. Y.	50.0	24.00	1½	2	* 8 -8 -48	3 46.9	3 22.50	3 8 -8 -48	
Newark, N. J.	50.0	22.00	2	2	8 -4 -44	12 43.8	19.25	8 -4 -44	
New York, N. Y.	46.9	20.63	1½	1½	8 -4 -44	12 43.8	19.25	8 -4 -44	
Inside	39.5	20.52	1½	1½	9½-43-52	12 36.8	19.16	9½-43-52	
Philadelphia, Pa.	50.0	22.00	1½	2	8 -4 -44	12 (1)	(1)	(1)	
Pittsburgh, Pa.	65.0	28.60	1½	2	8 -4 -44	12 58.1	25.58	8 -4 -44	
SOUTH ATLANTIC.									
Washington, D. C.	37.5	16.50	1½	2	8 -4 -44	11 (1)	(1)	(1)	
NORTH CENTRAL.									
Chicago, Ill.	72.5	31.90	1½	1 2	8 -4 -44	12 70.0	30.80	8 -4 -44	
Cleveland, Ohio.	50.0	22.00	1½	1 2	8 -4 -44	12 45.0	19.80	8 -4 -44	
Detroit, Mich.	60.0	28.80	1½	2	8 -8 -48	12 50.0	24.00	8 -8 -48	
Indianapolis, Ind.	55.0	24.20	1½	2	8 -4 -44	12 50.0	22.00	8 -4 -44	
St. Louis, Mo.	57.5	25.30	2	2	8 -4 -44	12 55.0	24.20	8 -4 -44	
SOUTH CENTRAL.									
Dallas, Tex.	60.0	26.40	6 1½	2	8 -4 -44	12 50.0	22.00	8 -4 -44	
Memphis, Tenn.	37.5	20.25	7 1½	2	9 -9 -54				
WESTERN.									
Butte, Mont.	81.3	35.75	2	2	8 -4 -44	12			
Denver, Colo.	45.0	21.60	1½	1½	8½-52-48	1 40.0	21.60	9 -9 -54	
Portland, Oreg.: Outside	56.3	24.75	1½	1½	8 -4 -44	12 43.8	19.25	8 -4 -44	
Inside	43.8	19.25	1½	1½	8 -4 -44	12 37.5	16.50	8 -4 -44	
Salt Lake City, Utah	50.0	24.00	1½	2	8 -8 -48	3			
Seattle, Wash. Metal and lead	50.0	22.00	8 1½	2	8 -4 -44	12			
	40.9	18.00	8 1½	2	8 -4 -44	12			

## PAINTERS: Hardware finishers.

NORTH ATLANTIC.								
Boston, Mass.	40.0	19.20	2	2	8½-43-48	12		
Buffalo, N. Y.	50.0	24.00	1½	2	* 8 -8 -48	3	46.9	3 22.50
New York, N. Y.	62.5	27.50	2	9 143c.	8 -4 -44	12		
Philadelphia, Pa.	40.0	19.20	1½	2	8½-43-48	12	39.0	18.72
Pittsburgh, Pa.	45.0	19.80	1½	2	8 -4 -44	12	35.0	15.40
Rochester, N. Y.	40.6	17.88	1½	2	8 -4 -44	12		

1 No scale in effect on May 15, 1916.

2 44 hours and \$22 per week, June to August, inclusive.

3 44 hours and \$20.63 per week, June to August, inclusive.

4 And on Saturday afternoons.

5 Scale became 60 cents on October 1, 1917.

6 Double time after midnight.

7 Double time after midnight and on Saturday afternoons.

8 Double time after 10 p. m.

9 Rate in cents per hour, limited to 7 hours per day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## MILLWORK—Concluded.

## PAINTERS: Hardware finishers—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.				
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.			
<i>SOUTH ATLANTIC.</i>										
Washington, D. C.	Cents. 50.0	Dolls. 24.00	Regular rate multiplied by— $\frac{1}{2}$	2	8 - 8 - 48	.....	Cents. 43.8	Dolls. 21.00	8 - 8 - 48	
<i>NORTH CENTRAL.</i>										
Chicago, Ill.	41.0	20.30	1 $\frac{1}{2}$	2	9 - 4 $\frac{1}{2}$ - 49 $\frac{1}{2}$	12	-	-	-	
Cincinnati, Ohio	32.5	16.25	1 $\frac{1}{2}$	2	9 - 5 - 50	12	-	-	-	
Cleveland, Ohio	45.0	19.80	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 4 - 44	12	42.5	18.70	8 - 4 - 44	
Grand Rapids, Mich.	30.6	16.50	1 $\frac{1}{2}$	2	9 - 9 - 54	-	-	-	-	
Kansas City, Mo.	40.0	21.60	1 $\frac{1}{2}$	2	9 - 9 - 54	-	-	-	-	
Milwaukee, Wis.	37.5	18.56	1 $\frac{1}{2}$	2	9 - 4 $\frac{1}{2}$ - 49 $\frac{1}{2}$	12	35.0	17.33	9 - 4 $\frac{1}{2}$ - 49 $\frac{1}{2}$	
Bar fixtures	37.5	18.56	1 $\frac{1}{2}$	2	9 - 4 $\frac{1}{2}$ - 49 $\frac{1}{2}$	12	-	-	-	
St. Louis, Mo.	36.0	17.28	2	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	-	-	-	
<i>WESTERN.</i>										
Denver, Colo.	50.0	24.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 - 48	-	37.5	18.00	8 - 8 - 48	
Salt Lake City, Utah	62.5	27.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 4 - 44	12	-	-	-	
San Francisco, Cal.	50.0	24.00	2	2	8 - 8 - 48	-	-	-	-	
Seattle, Wash.	53.1	25.50	3 $\frac{1}{2}$	2	8 - 8 - 48	-	43.8	21.00	8 - 8 - 48	

## PRINTING AND PUBLISHING: BOOK AND JOB.

## BINDERY WOMEN.

NORTH ATLANTIC.									
Boston, Mass.: General work	19.0	9.12	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	-	-	-
Gold-leaf layers (hand or machine) or folding and pasting machine operators	21.0	10.08	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	-	-	-
Folding-machine operators	22.9	11.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	(*)	(*)	(*)
Gathering-machine operators	22.9	11.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	20.8	10.00	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Gold-leaf layers	22.9	11.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	21.0	10.08	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Gold-leaf layers, book examiners, and sheet examiners	22.9	11.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	22.9	11.00	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Back workers and book repairers	25.0	12.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	25.0	12.00	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Pasting-machine operators	29.2	14.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	22.9	11.00	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Gathers, handwork	29.2	14.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	25.0	12.00	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48
Buffalo, N. Y.	18.8	9.00	1 $\frac{1}{2}$	2	5 8 - 8 - 48	3	16.7	8.00	6 8 - 8 - 48
Newark, N. J.: 2 years' experience	20.0	9.60	7 1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	-	-	-
Folding-machine feeders	25.0	12.00	7 1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ - 4 $\frac{1}{2}$ - 48	12	-	-	-
New York, N. Y.: Ruling-machine feeders	18.0	9.00	1 $\frac{1}{2}$	2	5 8 - 8 - 48	-	(*)	(*)	(*)
Folders, handwork	20.8	10.00	1 $\frac{1}{2}$	2	5 8 - 8 - 48	-	(*)	(*)	(*)
Emptying boxes, 3-point machine	20.8	10.00	1 $\frac{1}{2}$	2	5 8 - 8 - 48	-	16.7	8.00	4 8 - 8 - 48

<sup>1</sup> Scale became 40 cents on June 1, 1917.<sup>2</sup> Scale became 56.3 cents on July 2, 1917.<sup>3</sup> Double time after midnight.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Hours vary, but total 48 per week.<sup>6</sup> 44 hours and \$6.67 per week, June to August, inclusive.<sup>7</sup> Double time after 4 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BINDERY WOMEN—Continued.

Geographical division and city.	May 15, 1917.						Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.					
	Rate of wages—				Hours— Full day; Saturdays; Full week.			Rate of wages—					
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.				
<b>NORTH ATLANTIC—concluded.</b>													
New York—Concluded.													
Gatherers (hand or machine), hand stitchers, or sewers, table markers, pasters, book examiners, collators; operators on pasting, numbering, paging, indexing, perforating, stripping, wire-stitching, folding, and patent-back sewing machines.....	Cents. 25.0	Dolls. 12.00	Regular rate multiplied by $\frac{1}{2}$ 2		1 8 -8 -48	.....	Cents. (*)	Dolls. (*)	(*)				
Jobbers, machine sewers, and flat and saddle stitchers.....	25.0	12.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	20.8	10.00	1 8 -8 -48				
Gold-leaf layers.....	25.0	12.00	$\frac{3}{2}$ $\frac{1}{2}$	2	1 8 -8 -48	.....	22.9	11.00	1 8 -8 -48				
Insert wire-stitching machine operators and hand coverers.....	29.2	14.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	(*)	(*)	(*)				
Head gold-leaf layers.....	29.2	14.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	25.0	12.00	1 8 -8 -48				
Drop-roll folding machine, feeders and adjusters.....	33.3	16.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	(*)	(*)	(*)				
Flat and roll mail wrappers.....	39.6	19.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	(*)	(*)	(*)				
Gathering-machine operators.....	47.9	23.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	(*)	(*)	(*)				
Philadelphia, Pa.: Hand folders, inserters, and sheet girls.....													
Bunchers, plaiters, perforators, fly-leaf workers, board layers, and operators on Smyth sewing machines.....	16.7	8.00	$\frac{1}{2}$	* 2	$\frac{8}{3} \frac{1}{4} \frac{1}{4}$ -48	12	.....	.....	.....				
Hand sewers, jobbers, gold-leaf layers, wirestitchers, pagers, folding-machine operators, and Singer sewing-machine operators.....	17.0	8.16	$\frac{1}{2}$	* 2	$\frac{8}{3} \frac{1}{4} \frac{1}{4}$ -48	12	.....	.....	.....				
Head gold-leaf layers, gatherers and collators, double-point folding-machine operators and general workers.....	18.8	9.00	$\frac{1}{2}$	* 2	$\frac{8}{3} \frac{1}{4} \frac{1}{4}$ -48	12	.....	.....	.....				
Drop-roller hand feeders with helpers.....	20.8	10.00	$\frac{1}{2}$	* 2	$\frac{8}{3} \frac{1}{4} \frac{1}{4}$ -48	12	.....	.....	.....				
Drop roller, automatic feeders, and quad-machine operators.....	22.9	11.00	$\frac{1}{2}$	* 2	$\frac{8}{3} \frac{1}{4} \frac{1}{4}$ -48	12	.....	.....	.....				
SOUTH ATLANTIC.													
Baltimore, Md.: Table workers.....	18.8	9.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	14.6	7.00	1 8 -8 -48				
Hand sewers and folding-machine operators.....	20.8	10.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	15.6	7.50	1 8 -8 -48				
Paging-machine operators.....	20.8	10.00	$\frac{1}{2}$	2	1 8 -8 -48	.....	16.7	8.00	1 8 -8 -48				
Numberers, handwork.....	15.0	7.20	$\frac{1}{2}$	2	1 8 -8 -48	.....	12.5	6.00	1 8 -8 -48				
Washington, D. C. ....	18.8	9.00	$\frac{1}{2}$	2	8 -8 -48	.....	16.9	8.10	8 -8 -48				

<sup>1</sup> Hours vary, but total 48 per week.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> Double time after 5 hours.<sup>4</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BINDERY WOMEN—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.			Per hour.		
<b>NORTH CENTRAL.</b>								
Chicago, Ill.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.	
Book wrappers.....	18.8	9.00	1 1/2	2	2 8-8-48	14.6	7.00	
Counters.....	20.8	10.00	1 1/2	2	2 8-8-48	16.7	8.00	
Folders, inserters, tippers, tissuers, strippers, gatherers, and collators.....	20.8	10.00	1 1/2	2	2 8-8-48	.....	.....	
Punching and perforating machine operators and ruling-machine feeders.....	22.9	11.00	1 1/2	2	2 8-8-48	16.7	8.00	
Gold-leaf layers.....	25.0	12.00	1 1/2	2	2 8-8-48	16.7	8.00	
Hand and machine sewers and stitchers; operators on gauging, paging, numbering, and 2-point folding machines.....	25.0	12.00	1 1/2	2	2 8-8-48	20.8	10.00	
Machine sewers.....	27.1	13.00	1 1/2	2	2 8-8-48	25.0	12.00	
Des Moines, Iowa.....	20.8	10.00	1 1/2	3 1/2	8-8-48	18.8	9.00	
Indianapolis, Ind. ....	21.0	10.08	1 1/2	2	8-8-48	.....	.....	
Kansas City, Mo. ....	16.7	8.00	1 1/2	3 1/2-4 1/2	8-5 1/2-18	12	.....	
St. Louis, Mo.:								
Second class.....	19.8	9.50	5 1/2	2	8-8-48	17.7	8.50	
First class.....	21.9	10.50	5 1/2	2	8-8-48	19.8	9.50	
<b>SOUTH CENTRAL.</b>								
Dallas, Tex. ....	20.8	10.00	1 1/2	3 1	8-8-48	(6)	(6)	
Houston, Tex.:								
Second class.....	19.8	9.50	7 1/2	2	8-8-48	.....	.....	
First class.....	22.9	11.00	7 1/2	2	8-8-48	21.9	10.50	
Little Rock, Ark. ....	18.8	9.00	1 1/2	2	8-8-48	16.7	8.00	
Nashville, Tenn. ....	18.7	8.00	1 1/2	2	8-8-48	14.6	7.00	
<b>WESTERN.</b>								
Denver, Colo. ....	25.0	12.00	7 1/2	2	8-8-48	.....	.....	
Los Angeles, Cal. ....	18.8	9.00	7 1/2	2	8-8-48	.....	.....	
Portland, Oreg. ....	20.8	10.00	1 1/2	3 1/2	8-8-48	.....	.....	
First class.....	22.9	11.00	1 1/2	3 1/2	8-8-48	.....	.....	
San Francisco, Cal. ....	20.8	10.00	1 1/2	3 1/2	8-8-48	20.8	10.00	
Seattle, Wash. ....	25.0	12.00	1 1/2	3 1/2	8-8-48	.....	8-8-48	

## BOOKBINDERS.

NORTH ATLANTIC.							
Boston, Mass.:							
Cutters, board, union A....	37.5	18.00	1 1/2	2	8 1/2-4 1/2-48	12	.....
Cutters, board, union B....	41.7	20.00	1 1/2	2	8 1/2-4 1/2-48	12	37.5
Cutters, sheet and stock, union A.....	45.8	22.00	1 1/2	2	8 1/2-4 1/2-48	12	.....
Cutters, sheet and stock, union B.....	45.8	22.00	1 1/2	2	8 1/2-4 1/2-48	12	45.8

1 Double time after 9 p. m.

2 Hours vary, but total 48 per week.

3 For Sundays; for holidays, double time.

4 Scale became 18.8 cents on Oct. 15, 1917.

5 Double time after midnight.

6 No scale in effect on May 15, 1916.

7 Double time after 10 p. m.

8 Scale became 20.8 cents on June 15, 1917.

9 Scale became 25 cents on June 20, 1917.

10 Scale became 27.1 cents on June 20, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Boston, Mass.—Concluded.									
Cutters and trimmers and operators on 3-folding machines.....	Cents. 47.9	Dolls. 23.00	Regular rate multiplied by— $\frac{1}{3}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	Cents. 45.8	Dolls. 22.00	
Finishers, stampers, and inkers, union A.....	45.8	22.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Finishers, stampers, and inkers, union B.....	47.9	23.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	45.8	22.00	
Finishers, extra printed work.....	50.0	24.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Forwarders, case makers, and operators on headbanding and lining machines, union A.....	43.8	21.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Forwarders, case makers, and operators on headbanding and lining machines, union B.....	45.8	22.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	45.8	21.00	
Forwarders, operators on easing-in and rounding and backing machines.....	45.8	22.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Forwarders, stock blank work.....	37.5	18.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Forwarders, operators on casing-in machines, 2 men on each machine.....	37.5	18.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	37.5	18.00	
Forwarders, operating ease-making machines.....	47.9	23.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	45.8	22.00	
Forwarders, operating Sheridan ease-making machines.....	45.8	22.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Forwarders, job work.....	52.1	25.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	47.9	23.00	
Forwarders, extra job, printed work.....	45.8	22.00	1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	.....	.....	
Buffalo, N. Y.: Cutters.....	43.8	21.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	35.4	17.00	
Cutters, stock.....	43.8	21.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	37.5	18.00	
Finishers.....	43.8	21.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	41.7	20.00	
Forwarders, grade A.....	47.9	23.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	39.6	19.00	
Forwarders, grade B.....	43.8	21.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	37.5	18.00	
Rulers.....	43.8	21.00	1 $\frac{1}{2}$	2	1 $\frac{1}{8}$ -8-48	3	39.6	19.00	
Newark, N. J.: Cutters, book and paper, and operators on rotary cutting machines.....	43.8	21.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	41.7	20.00	
Cutters, operating duplex or cutting machines, 48 inches or over.....	47.9	23.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	45.8	22.00	
Finishers, first class, and gilders.....	50.0	24.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	47.9	23.00	
Finishers, second class, easing-in, ease-making or folding-machine operators.....	43.8	21.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -4 $\frac{1}{2}$ -48	12	41.7	20.00	

<sup>1</sup> 8 $\frac{1}{2}$  hours, Monday to Friday, inclusive; 4 $\frac{1}{2}$  hours on Saturdays, June to August, inclusive.<sup>2</sup> 44 hours and \$15.58 per week, June to August, inclusive.<sup>3</sup> 44 hours and \$16.50 per week, June to August, inclusive.<sup>4</sup> 44 hours and \$18.33 per week, June to August, inclusive.<sup>5</sup> 44 hours and \$17.42 per week, June to August, inclusive.<sup>6</sup> Double time after 4 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week;	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—continued.										
Newark, N. J.—Concluded.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Stampers.....	47.9	23.00	1 1/4	2	8 1/2-44-48	12	45.8	22.00	8 1/2-44-48	
Forwarders, first class.....	50.0	24.00	1 1/4	2	8 1/2-44-48	12	47.9	23.00	8 1/2-44-48	
Forwarders and finishers.....	47.9	23.00	1 1/4	2	8 1/2-44-48	12	45.8	22.00	8 1/2-44-48	
Forwarders, second class.....	43.8	21.00	1 1/4	2	8 1/2-44-48	12	41.7	20.00	8 1/2-44-48	
Forwarders, sheet straighteners.....	29.6	19.00	1 1/2	2	8 1/2-44-48	12	37.5	18.00	8 1/2-44-48	
New York, N. Y.:										
Cutters, board.....	41.7	20.00	2 1/2	2	8 1/2-8-48	-----	37.5	18.00	8 1/2-8-48	
Cutters, stock, sheet, and plate; hand block cutters, book trimmers, and operators on band, die, flat, and envelope cutting machines.....	45.8	22.00	2 1/2	2	8 1/2-8-48	-----	41.7	20.00	8 1/2-8-48	
Cutters, assistant, sheet and stock.....	38.5	18.50	2 1/2	2	8 1/2-8-48	-----	35.4	17.00	8 1/2-8-48	
Cutters, duplex and turn-table machines.....	47.9	23.00	2 1/2	2	8 1/2-8-48	-----	41.7	20.00	8 1/2-8-48	
Cutters, 3-knife machines.....	47.9	23.00	2 1/2	2	8 1/2-8-48	-----				
Cutters, continuous trimmers.....	52.1	25.00	2 1/2	2	8 1/2-8-48	-----	(*)	(*)	(*)	
Cutters, continuous and duplex trimmers.....	52.1	25.00	2 1/2	2	8 1/2-8-48	-----	47.9	23.00	8 1/2-8-48	
All-round men.....	54.2	26.00	2 1/2	2	8 1/2-8-48	-----	50.0	24.00	8 1/2-8-48	
Finishers, first class, blank work.....	50.0	24.00	6 1/2	2	8-8-48	-----				
Finishers, second class, blank work.....	43.8	21.00	6 1/2	2	8-8-48	-----				
Finishers, extra.....	58.3	28.00	2 1/2	2	8-8-48	-----	52.1	25.00	8-8-48	
Finishers, assistants.....	45.8	22.00	2 1/2	2	8-8-48	-----	41.7	20.00	8-8-48	
Finishers, stampers.....	50.0	24.00	6 1/2	2	8-8-48	-----	45.8	22.00	8-8-48	
Finishers, head stampers.....	64.6	31.00	6 1/2	2	8-8-48	-----	58.3	28.00	8-8-48	
Finishers, edge gilders.....	69.0	33.12	2 1/2	2	8-8-48	-----	60.0	28.80	8-8-48	
Do.....	69.0	33.12	2 1/2	2	8-8-48	-----	62.5	30.00	8-8-48	
Forwarders, first class, blank work.....	50.0	24.00	6 1/2	2	8-8-48	-----				
Forwarders, second class, blank work.....	43.8	21.00	6 1/2	2	8-8-48	-----				
Forwarders, extra.....	50.0	24.00	2 1/2	2	8-8-48	-----	45.8	22.00	8-8-48	
Forwarders, gluers, for rounding and backing machines, or operators on paring, sawing, smashing, nipping, and gluing-off machines.....	41.7	20.00	2 1/2	2	8-8-48	-----	37.5	18.00	8-8-48	
Forwarders, hand rounding and backing.....	45.8	22.00	2 1/2	2	8-8-48	-----	(*)	(*)	(*)	
Forwarders, case and stretcher makers, head banders and liners, casers-in, or operators on circular or rough-edge machines; assistants on covering, casing-in, and head banding and binding machines.....	45.8	22.00	2 1/2	2	8-8-48	-----	41.7	20.00	8-8-48	

<sup>1</sup> Double time after 4 hours.<sup>2</sup> Double time after 5 hours.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Scale became 56.3 cents on Nov. 1, 1917.<sup>6</sup> Double time after midnight.<sup>7</sup> Scale became 50 cents on Nov. 1, 1917.<sup>8</sup> Some are paid double time after 5 hours, others double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—continued.</b>										
New York, N. Y.—Concord.										
Forwarders, folding, covering, and combination gathering machine operators.....	Cents. 47.9	Dolls. 23.00	Regular rate multiplied by $\frac{1}{1\frac{1}{2}}$	2	* 8 - 8 - 48	.....	Cents. (3)	Dolls. (3)	(3)	
Forwarders, gathering, drop-roll folding, and combination gathering, stitching, and covering machine operators.....	47.9	23.00	1 1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....	43.8	21.00	* 8 - 8 - 48	
Forwarders, extra coverers, and circuit workers, bibles.....	50.0	24.00	1 1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....	45.8	22.00	* 8 - 8 - 48	
Forwarders, casing-in, case-making, head banding and tining, and rounding and backing machine operators.....	52.1	25.00	1 1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....	47.9	23.00	* 8 - 8 - 48	
Forwarders, book colorers, and repairers.....	45.8	22.00	1 1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....	41.7	20.00	* 8 - 8 - 48	
Rulers, first class.....	50.0	24.00	1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....				
Rulers, second class.....	43.8	21.00	1 $\frac{1}{2}$	2	* 8 - 8 - 48	.....				
Philadelphia, Pa.:—										
Cutters, stock.....	31.3	15.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Cutters, job and pamphlet.....	33.3	16.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Cutters, stock, leather, second class.....	35.4	17.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12	33.3	16.00	8 $\frac{3}{4}$ -41-48	
Cutters, book and sheet.....	35.4	17.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Cutters, stock, leather, blank work, first class.....	37.5	18.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	35.4	17.00	8 $\frac{3}{4}$ -41-48	
Cutters, cutting-machine operator, second class.....	37.5	18.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	35.4	17.00	8 $\frac{3}{4}$ -41-48	
Cutters, cutting-machine operators, first class.....	39.6	19.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	37.5	18.00	8 $\frac{3}{4}$ -41-48	
Cutters, duplex trimming-machine operator.....	39.6	19.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, sheep and plain, job.....	39.6	19.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, job and full-bound, blank work.....	43.8	21.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	39.6	19.00	8 $\frac{3}{4}$ -41-48	
Finishers, extra blank work.....	45.8	22.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	43.8	21.00	8 $\frac{3}{4}$ -41-48	
Finishers, extra printed work.....	45.8	22.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, assistants, printed work.....	37.5	18.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, stampers.....	41.7	20.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, head stampers.....	47.9	23.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Finishers, gilders.....	43.8	21.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Forwarders, half-bound, and copying-book forwarders, second class.....	35.4	17.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	33.3	16.00	8 $\frac{3}{4}$ -41-48	
Forwarders, cloth, printed work, and case makers.....	37.5	18.00	6 1 $\frac{1}{2}$	7 2	8 $\frac{3}{4}$ -41-48	12				
Forwarders, half-bound job and full-bound plain stock and job.....	37.5	18.00	6 1 $\frac{1}{2}$	2	8 $\frac{3}{4}$ -41-48	12	35.4	17.00	8 $\frac{3}{4}$ -41-48	

<sup>1</sup> Double time after 5 hours.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Scale became 56.3 cents on Nov. 1, 1917.<sup>5</sup> Scale became 50 cents on Nov. 1, 1917.<sup>6</sup> Double time after midnight.<sup>7</sup> For New Year's Memorial, and Thanksgiving days, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
Philadelphia, Pa.—Concl'd.										
Forwarders, first class, copying books.....	Cents. 37.5	Dolls. 18.00	Regular rate multiplied by 1 1/2	2	8 1/4-48	12	Cents. 35.4	Dolls. 17.00	8 1/4-48	
Forwarders, stripping-machine operators.....	39.6	19.00	1 1/2	2	8 1/4-48	12	(2)	(2)	(2)	
Forwarders, gluing-machine operators.....	39.6	19.00	1 1/2	2	8 1/4-48	12	33.3	16.00	8 1/4-48	
Forwarders, loose-leaf binders.....	39.6	19.00	1 1/2	2	8 1/4-48	12	37.5	18.00	8 1/4-48	
Forwarders, plain job, sheep and half bound, roller backers, drop roller folding and pamphlet-covering machines.....	39.6	19.00	1 1/2	2	8 1/4-48	12				
Forwarders, full-bound job	41.7	20.00	1 1/2	2	8 1/4-48	12	39.6	19.00	8 1/4-48	
Forwarders, case making, casing in, head banding and lining, and Crawley rounder and backer machines.....	41.7	20.00	1 1/2	2	8 1/4-48	12				
Forwarders, extra job-printed work, circuit edge bible work, and case-making machine operators.....	43.8	21.00	1 1/2	2	8 1/4-48	12				
Forwarders, drop roller folders assistants.....	31.3	15.00	1 1/2	2	8 1/4-48	12				
Forwarders, sawing out and smashing.....	28.1	13.50	1 1/2	2	8 1/4-48	12				
Head-sheet men, union A.....	43.8	21.00	1 1/2	2	8 1/4-48	12	41.7	20.00	8 1/4-48	
Head-sheet men, union B.....	35.4	17.00	1 1/2	2	8 1/4-48	12				
Sheet men, union A.....	39.6	19.00	1 1/2	2	8 1/4-48	12	37.5	18.00	8 1/4-48	
Sheet men, union B.....	28.1	13.50	1 1/2	2	8 1/4-48	12				
Rulers, head ruler.....	45.8	22.00	1 1/2	2	8 1/4-48	12	43.8	21.00	8 1/4-48	
Rulers, extra job.....	43.8	21.00	1 1/2	2	8 1/4-48	12	41.7	20.00	8 1/4-48	
Rulers, unit lines.....	41.7	20.00	1 1/2	2	8 1/4-48	12	39.6	19.00	8 1/4-48	
Rulers, second class down lines.....	39.6	19.00	1 1/2	2	8 1/4-48	12	37.5	18.00	8 1/4-48	
Rulers, faint lines.....	37.5	18.00	1 1/2	2	8 1/4-48	12	35.4	17.00	8 1/4-48	
Pittsburgh, Pa.:										
Cutters.....	37.1	19.00	1 1/2	2	9 1/2-5-51 <sup>1</sup>	12	39.0	20.00	9 1/2-5-51 <sup>1</sup>	
Finishers, shops A.....	43.8	21.00	1 1/2	2	8-8-48	12	41.7	20.00	8-8-48	
Finishers, shops B.....	41.0	21.00	1 1/2	2	9 1/2-5-51 <sup>1</sup>	12	39.0	20.00	9 1/2-5-51 <sup>1</sup>	
Forwarders, shops A.....	39.6	19.00	1 1/2	2	8-8-48	12	37.5	18.00	8-8-48	
Forwarders, shops B.....	37.1	19.00	1 1/2	2	9 1/2-5-51 <sup>1</sup>	12	35.1	18.00	9 1/2-5-51 <sup>1</sup>	
Rulers.....	39.6	19.00	1 1/2	2	8-8-48	12	41.7	20.00	8-8-48	
Providence, R. I.:										
Cutters, forwarders, and rulers.....	37.5	18.00	1 1/2	2	4 8-8-48	12				
Finishers.....	45.8	22.00	1 1/2	2	4 8-8-48	12				
Scranton, Pa.:										
Cutters, sheet stock.....	41.7	20.00	1 1/2	2	8-8-48	12	37.5	18.00	8-8-48	
Cutters, paper and stock, and finishers.....	41.7	20.00	1 1/2	2	8-8-48	12				
Cutters, book, stampers, and forwarders, printed work.....	43.8	21.00	1 1/2	2	8-8-48	12				

<sup>1</sup> Double time after midnight.<sup>2</sup> No scale in effect on May 15, 1916.<sup>3</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>4</sup> Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—concluded.</b>										
Scranton, Pa.—Concluded.	Cents. 56.3	Dolls. 27.00	Regular rate multiplied by $\frac{1}{2}$ 2		8 - 8 - 48	.....	Cents.	Dolls.	.....	
Head stampers.....										
Forwarders, blank work, rulers, or folding and smashing machine operators.....	37.5	18.00	1½	2	8 - 8 - 48	.....			.....	
Forwarders, covering-machine operators.....	41.7	20.00	1½	2	8 - 8 - 48	.....			.....	
Forwarders, case making, gathering, pamphlet-machine operators, and rounding and backing machine operators.....	47.9	23.00	1½	2	8 - 8 - 48	.....			.....	
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.:										
Shops A.....	40.6	19.50	1 1½	2	2 8 - 8 - 48	.....				
Shops B.....	37.9	19.50	1 1½	2	9 - 8 - 5 1½	.....				
Baltimore, Md.:										
Cutters and forwarders, job.....	35.4	17.00	1½	2	2 8 - 8 - 48	.....	31.3	15.00	2 8 - 8 - 48	
Finishers, forwarders, and rulers.....	41.7	20.00	1½	2	2 8 - 8 - 48	.....	37.5	18.00	2 8 - 8 - 48	
Richmond, Va.:										
Cutters.....	33.3	16.00	1½	1½	8 - 8 - 48	.....	31.3	15.00	8 - 8 - 48	
Finishers and rulers.....	39.6	19.00	1½	1½	8 - 8 - 48	.....	37.5	18.00	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	.....				
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:										
Cutters, stock, union A.....	41.7	20.00	5 1½	2	2 8 - 8 - 48	.....	39.6	19.00	2 8 - 8 - 48	
Cutters, book trimmers.....	42.7	20.50	5 1½	2	2 8 - 8 - 48	.....	39.6	19.00	2 8 - 8 - 48	
Cutters, operating paper-cutting machine.....	44.8	21.50	5 1½	2	2 8 - 8 - 48	.....	42.7	20.50	2 8 - 8 - 48	
Head cutters, binders' stock.....	45.8	22.00	5 1½	2	2 8 - 8 - 48	.....	43.8	21.00	2 8 - 8 - 48	
Cutters in charge of stock-cutting machines.....	49.0	23.50	5 1½	2	2 8 - 8 - 48	.....	46.9	22.50	2 8 - 8 - 48	
Finishers, printed or blank work, edge gilders, and stamping-machine operators.....	45.8	22.00	5 1½	2	2 8 - 8 - 48	.....	43.8	21.00	2 8 - 8 - 48	
Stampers in charge of one or more machines.....	52.1	25.00	5 1½	2	2 8 - 8 - 48	.....	50.0	24.00	2 8 - 8 - 48	
Forwarders, easing in, automatic folding, gluing and pasting and covering machine operators.....	41.7	20.00	6 1½	2	2 8 - 8 - 48	.....	39.6	19.00	2 8 - 8 - 48	
Forwarders, easing in, and indexing machine operators.....	42.7	20.50	6 1½	2	2 8 - 8 - 48	.....	40.6	19.50	2 8 - 8 - 48	
Forwarders, binding-machine operators.....	43.8	21.00	6 1½	2	2 8 - 8 - 48	.....	41.7	20.00	2 8 - 8 - 48	

<sup>1</sup> Double time after midnight.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Scale became 37.5 cents on June 1, 1917.<sup>4</sup> Scale became 43.8 cents on June 1, 1917.<sup>5</sup> Double time after 3 hours and on Saturdays after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Continued.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week. May 15, 1917, Sat- urday half holi- day pre- vailed	Mos. dur- ing year end- ing May 15, 1917,	May 15, 1916.			
	Rate of wages—						Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Chicago, Ill.—Concluded.										
Forwarders, blank or printed work, case makers, hand or machine marbleers, and rounding and backing machine operators.	Cents. 45.8	Dolls. 22.00	Regular rate multi- plied by $1\frac{1}{2}$	2	* 8 - 8 - 48	Cents. 43.8	Dolls. 21.00	* 8 - 8 - 48		
Forwarders, 2 folding machines.	47.9	23.00	$1\frac{1}{2}$	2	* 8 - 8 - 48	45.8	22.00	* 8 - 8 - 48		
Forwarders, 3 folding machines.	54.2	26.00	$1\frac{1}{2}$	2	* 8 - 8 - 48	52.1	25.00	* 8 - 8 - 48		
Forwarders, case makers' helpers, pasters, pressers, and book repairers.	39.6	19.00	$1\frac{1}{2}$	2	* 8 - 8 - 48	37.5	18.00	* 8 - 8 - 48		
Rulers.	50.0	24.00	$1\frac{1}{2}$	2	* 8 - 8 - 48	46.9	22.50	* 8 - 8 - 48		
Cincinnati, Ohio:										
Cutters, paper stock.	38.5	18.50	$1\frac{1}{2}$	2	8 - 8 - 48	35.4	17.00	8 - 8 - 48		
Cutters, splitters.	42.7	20.50	$1\frac{1}{2}$	2	8 - 8 - 48	39.6	19.00	8 - 8 - 48		
Cutters, head cutters.	44.8	21.50	$1\frac{1}{2}$	2	8 - 8 - 48	41.7	20.00	8 - 8 - 48		
Cleveland, Ohio.	37.5	18.00	$1\frac{1}{2}$	2	8 - 8 - 48					
Columbus, Ohio:										
Journeymen.	40.6	19.50	$1\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Finishers.	43.8	21.00	$1\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Des Moines, Iowa.	38.5	18.50	$1\frac{1}{2}$	$4\frac{1}{2}$	8 - 8 - 48	37.5	18.00	8 - 8 - 48		
Detroit, Mich.:										
Cutters, finishers, forwarders, rulers.	43.8	21.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12	37.5	18.00		
Forwarders, folding machine operators, 1 machine.	43.8	21.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Forwarders, folding-machine operators, 2 machines.	47.9	23.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Forwarders, folding-machine operators, 4 machines.	50.0	24.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Forwarders, folding-machine operators, 5 machines.	52.1	25.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Rulers, head rulers, 3 machines.	50.0	24.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Rulers, head rulers, 4 machines.	52.1	25.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Rulers, head rulers, 7 or more machines.	62.5	30.00	$5\frac{1}{2}$	2	* 8 - 44 - 48	12				
Indianapolis, Ind.	45.8	22.00	$5\frac{1}{2}$	2	8 - 8 - 48					
Kansas City, Mo.:										
Cutters, paper, finishers, forwarders, and rulers.	7 43.8	21.00	$1\frac{1}{2}$	2	* 8 - 8 - 48					
Forwarders, second class.	* 38.5	18.50	$1\frac{1}{2}$	2	* 8 - 8 - 48					
Rulers, faint lines.	* 39.6	19.00	$1\frac{1}{2}$	2	* 8 - 8 - 48					

<sup>1</sup> Double time after 3 hours and on Saturdays after completion of 48-hour week.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Scale became 46.9 cents on June 1, 1917.<sup>4</sup> For Sundays; for holidays, double time.<sup>5</sup> Double time after midnight.<sup>6</sup> Work 8½ hours on Mondays.<sup>7</sup> Scale became 45.8 cents on Oct. 1, 1917.<sup>8</sup> Scale became 40.6 cents on Oct. 1, 1917.<sup>9</sup> Scale became 41.7 cents on Oct. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## BOOKBINDERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday day prevailed	May 15, 1916.				
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Omaha, Nebr.:	Cents.	Dolls.	<i>Regular rate multiplied by—</i>				Cents.	Dolls.		
Cutters and forwarders.....	43.8	21.00	1½	2	8½-41-48	12	41.7	20.00	8½-41-48	
Finishers and rulers.....	43.8	21.00	1½	2	8½-41-48	12	.....	.....	.....	
St. Louis, Mo.:										
Cutters, forwarders, and folding-machine operators.....	43.8	21.00	1 1½	2	8-8-48	.....	41.7	20.00	8-8-48	
Finishers, first-class.....	52.1	25.00	1 1½	2	8-8-48	.....	50.0	24.00	8-8-48	
Finishers, second-class.....	47.9	23.00	1 1½	2	8-8-48	.....	45.8	22.00	8-8-48	
Rulers, first class.....	50.0	24.00	1 1½	2	8-8-48	.....	47.9	23.00	8-8-48	
Rulers, second class.....	45.8	22.00	1 1½	2	8-8-48	.....	43.8	21.00	8-8-48	
St. Paul, Minn.:										
Cutters and forwarders, second class.....	37.5	18.00	1 1½	2	8½-41-48	12	32.7	16.00	9-4-49	
Finishers, forwarders, first class, and rulers.....	41.7	20.00	1 1½	2	8½-41-48	12	36.7	18.00	9-4-49	
SOUTH CENTRAL.										
Birmingham, Ala.:										
Cutters, forwarders, and rulers.....	37.5	18.00	1½	2	8-8-48	.....	.....	.....	.....	
Finishers.....	41.7	20.00	1½	2	8-8-48	.....	.....	.....	.....	
Dallas, Tex. ....	37.5	18.00	2 1½	2	8-8-48	.....	.....	.....	.....	
Houston, Tex. ....	45.8	22.00	3 ½	2	8-8-48	.....	43.8	21.00	8-8-48	
Little Rock, Ark.:										
Cutters.....	43.8	21.00	1½	2	4-8-8-48	.....	40.6	19.50	4-8-8-48	
Finishers, forwarders, and rulers.....	40.6	19.50	1½	2	4-8-8-48	.....	.....	.....	.....	
Nashville, Tenn. ....	37.5	18.00	1½	2	8-8-48	.....	33.3	16.00	8-8-48	
New Orleans, La.:										
Cutters.....	31.3	15.00	1½	5 ½	8-8-48	.....	.....	.....	.....	
Finishers, forwarders, and rulers.....	37.5	18.00	1½	5 ½	8-8-48	.....	.....	.....	.....	
Forwarders, half bound....	28.1	13.50	1½	5 ½	8-8-48	.....	.....	.....	.....	
WESTERN.										
Butte, Mont.:										
All-round men in 1-man shops.....	72.9	35.00	3 ½	2	8-8-48	.....	.....	.....	.....	
Cutters.....	52.1	25.00	3 ½	2	8-8-48	.....	.....	.....	.....	
Finishers, forwarders, and rulers.....	62.5	30.00	3 ½	2	8-8-48	.....	.....	.....	.....	
Denver, Colo. ....	50.0	24.00	1½	2	8-8-48	.....	.....	.....	.....	
Los Angeles, Cal. ....	640.6	19.50	1½	2	8-8-48	.....	.....	.....	.....	
Portland, Oreg. ....	43.8	21.00	2 ½	1½	8-8-48	.....	.....	.....	.....	
Salt Lake City, Utah. ....	745.8	22.00	1 ½	1½	8-8-48	.....	43.8	21.00	8-8-48	
San Francisco, Cal. ....	50.0	24.00	1½	1½	8-8-48	.....	.....	.....	.....	
Seattle, Wash.:										
Cutters, finishers, forwarders, and rulers.....	53.1	25.50	1½	1½	8-8-48	.....	46.9	22.50	8-8-48	
Rulers, head rulers.....	57.3	27.50	1½	1½	8-8-48	.....	52.1	25.00	8-8-48	
Spokane, Wash.:										
All-round men in small shops.....	52.1	25.00	1 1½	2	8-8-48	.....	.....	.....	.....	
Cutters and forwarders.....	46.9	22.50	1 1½	2	8-8-48	.....	.....	.....	.....	
Finishers and rulers.....	50.0	24.00	1 1½	2	8-8-48	.....	.....	.....	.....	

<sup>1</sup> Double time after midnight.<sup>2</sup> Double time after 4 hours.<sup>3</sup> Double time after 10 p. m.<sup>4</sup> Hours vary, but total 48 per week.<sup>5</sup> For Sundays; for holidays, double time.<sup>6</sup> Scale became 43.8 cents on June 1, 1917.<sup>7</sup> Scale became 47.9 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
COMPOSITORS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Hours— Full day; Saturdays; Full week;		
<b>NORTH ATLANTIC.</b>										
Boston, Mass.	45.8	22.00	1 1/2	2	8½-5½-48	12	Cents. 43.8	Dolls. 21.00	8½-4½-48	
Bridgeport, Conn.	43.8	21.00	1 1/2	1 1/2	8-8-48	-----				
Buffalo, N. Y.:										
English.....	43.8	21.00	1 1/2	2	8-8-48	-----	41.7	20.00	8-8-48	
German.....	41.7	20.00	1 1/2	2	8-8-48	-----				
Fall River, Mass.	37.5	18.00	3 1/2	2	8-8-48	-----	35.4	17.00	8-8-48	
Manchester, N. H.	37.5	18.00	1 1/2	2	8-8-48	-----	35.4	17.00	8-8-48	
Newark, N. J.:										
English.....	50.0	24.00	1 1/2	2	8-8-48	-----				
German.....	50.0	24.00	1 1/2	2	8-8-48	-----	47.9	23.00	8-8-48	
New Haven, Conn.	40.6	19.50	1 1/2	2	8-8-48	-----				
New York, N. Y.:										
English.....	52.1	25.00	1 1/2	4 2	6 8-8-48	-----				
Bohemian.....	41.7	20.00	1 1/2	6 1/2	8-8-48	-----	37.5	18.00	8-8-48	
German.....	56.8	25.00	1 1/2	2	8-4-44	12				
Hebrew.....	56.5	26.00	1 1/2	2	8-6-46	-----	54.3	25.00	8-6-46	
Hungarian.....	57.1	24.00	1 1/2	2	7-7-42	-----	43.8	21.00	8-8-48	
Italian.....	54.8	23.00	1 1/2	2	7-7-42	-----				
Philadelphia, Pa.:										
English.....	43.8	21.00	1 1/2	7 2	6 8-8-48	-----	41.7	20.00	6 8-8-48	
German.....	41.7	20.00	1 1/2	2	8-8-48	-----	39.6	19.00	8-8-48	
Pittsburgh, Pa.	43.8	21.00	1 1/2	2	8-8-48	-----				
Providence, R. I.	37.5	18.00	1 1/2	2	8-8-48	-----				
Rochester, N. Y.	104.1	20.00	1 1/2	2	8-8-48	-----				
Scranton, Pa.	47.9	23.00	1 1/2	11 2	8-8-48	-----	43.8	21.00	8-8-48	
Proof readers.....	50.0	24.00	1 1/2	11 2	8-8-48	-----	45.8	22.00	8-8-48	
Springfield, Mass.	41.7	20.00	1 1/2	2	8½-3½-48	12				
Worcester, Mass.	34.4	16.50	1 1/2	2	6 8-8-48	-----				
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.	37.5	18.00	1 1/2	11 2	6 8-8-48	-----				
Baltimore, Md.	43.8	21.00	1 1/2	2	6 8-8-48	-----	37.5	18.00	6 8-8-48	
Charleston, S. C.	37.5	18.00	1 1/2	1 1/2	8-8-48	-----	33.3	16.00	8-8-48	
Jacksonville, Fla.	46.9	22.50	1 1/2	2	8-8-48	-----	43.8	21.00	5 8-8-48	
Richmond, Va.	37.5	18.00	1 1/2	1 1/2	8-8-48	-----				
Washington, D. C.	47.9	23.00	1 1/2	2	12 8-8-48	-----	43.8	21.00	12 8-8-48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:										
English.....	50.0	24.00	14 1/2	2	5 8-8-48	-----				
Bohemian.....	52.1	25.00	18 1/2	2	8-8-48	-----				
German.....	50.0	24.00	2	2	8-8-48	-----				
Norwegian.....	50.0	24.00	15 1/2	2	8-8-48	-----				

<sup>1</sup> Double time after midnight.<sup>2</sup> Scale became 45.8 cents on Aug. 6, 1917.<sup>3</sup> Double time after 6 hours.<sup>4</sup> From midnight Saturdays to midnight Sundays, triple time, except from 7.30 a. m. to 5.30 p. m., double time.<sup>5</sup> Hours vary, but total 48 per week.<sup>6</sup> For Sundays; for holidays, double time.<sup>7</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half; for Sundays and other holidays, double time.<sup>8</sup> Scale became 45.8 cents on July 1, 1917.<sup>9</sup> Scale became 39.6 cents on July 1, 1917.<sup>10</sup> Scale became 43.8 cents on June 1, 1917, and 45.8 cents on Nov. 1, 1917.<sup>11</sup> For Sundays; for holidays, time and one-half.<sup>12</sup> 44 hours and \$21.08 per week, June to September, inclusive.<sup>13</sup> 44 hours and \$19.25 per week, June to September, inclusive.<sup>14</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.<sup>15</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 249

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
COMPOSITORS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sunday days and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Chicago, Ill.—Concluded.	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.		
Poish.....	52.1	25.00	1 1/2	2	2 8-8-48	50.0	24.00	2 8-8-48	
Swedish.....	52.1	25.00	1 1/2	2	2 8-8-48	50.0	24.00	2 8-8-48	
Proof readers.....	54.2	26.00	1 1/2	2	2 8-8-48	52.1	25.00	2 8-8-48	
Cincinnati, Ohio.....	46.9	22.50	1 1/2	1 1/2	8-8-48	43.8	21.00	8-8-48	
Cleveland, Ohio:									
English.....	43.8	21.00	3 1/2	2	8-8-48	41.7	20.00	8-8-48	
English.....	58.0	25.00	3 1/2	2	8-8-48	55.0	24.00	8-8-48	
Hungarian.....	50.6	22.00	1 1/2	2	6 7 1/2-6-43 1/2	43.7	19.00	6 7 1/2-6-43 1/2	
Columbus, Ohio.....	50.0	24.00	1 1/2	1 1/2	8-8-48	43.8	21.00	8-8-48	
Davenport, Iowa, Rock Island and Moline, Ill.....	47.9	23.00	1 1/2	2	8-8-48	45.8	22.00	8-8-48	
Des Moines, Iowa.....	45.8	22.00	1 1/2	1 1/2	8-8-48	43.8	21.00	8-8-48	
Detroit, Mich.....	50.0	24.00	3 1/2	2	2 8-8-48	45.8	22.00	2 8-8-48	
Grand Rapids, Mich.....	38.5	18.50	1 1/2	2	2 8-8-48				
Indianapolis, Ind.:									
English.....	45.8	22.00	3 1/2	2	8-8-48				
German.....	45.8	22.00	7 1/2	1 1/2	8-8-48				
Kansas City, Mo.....	45.8	22.00	1 1/2	1 1/2	8-8-48	43.8	21.00	8-8-48	
Milwaukee, Wis.:									
English.....	47.9	23.00	1 1/2	2	2 8-8-48	45.8	22.00	2 8-8-48	
German.....	47.9	23.00	1 1/2	2	2 8-8-48	43.8	21.00	8-8-48	
Minneapolis, Minn.....	45.8	22.00	8 1/2	9 1/2	8-8-48				
Omaha, Nebr.:									
English.....	46.9	22.50	1 1/2	1 1/2	8-8-48	45.8	22.00	8-8-48	
Bohemian.....	46.9	22.50	1 1/2	1 1/2	8-8-48				
German.....	53.1	25.50	1 1/2	1 1/2	8-8-48	46.9	22.50	8-8-48	
Peoria, Ill.....	40.0	19.20	1 1/2	1 1/2	8-8-48				
St. Louis, Mo.:									
English and German.....	47.9	23.00	10 1/2	2	8-8-48	45.8	22.00	8-8-48	
St. Paul, Minn.....	45.8	22.00	11 1/2	12 1/2	8-8-48	43.8	21.00	8-8-48	
Wichita, Kans.....	43.8	21.00	18 1/2	1 1/2	8-8-48	42.7	20.50	8-8-48	
SOUTH CENTRAL.									
Birmingham, Ala.....	44.8	21.50	14 50c.	(15)	8-8-48	40.6	19.50	8-8-48	
Dallas, Tex.....	52.1	25.00	1 1/2	2	8-8-48				
Houston, Tex.....	52.1	25.00	8 1/2	2	8-8-48	50.0	24.00	8-8-48	
Little Rock, Ark.....	43.8	21.00	1 1/2	1 1/2	2 8-8-48	3	41.7	20.00	
Louisville, Ky.....	39.6	19.00	3 1/2	2	2 8-8-48				
Memphis, Tenn.....	47.1	22.60	14 60c.	16 1/2	8-8-48	45.0	21.60	8-8-48	
Nashville, Tenn.....	44.8	21.50	1 1/2	2	8 1/2-5 1/2-48	12	40.6	19.50	
New Orleans, La.....	43.8	21.00	17 1/2	1 1/2	8-8-48				

<sup>1</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.

<sup>2</sup> Hours vary, but total 48 per week.

<sup>3</sup> Double time after midnight.

<sup>4</sup> Per 1,000 ems.

<sup>5</sup> For Sundays; do not work on holidays.

<sup>6</sup> 6 days off each year, with pay.

<sup>7</sup> And 15 cents per hour additional.

<sup>8</sup> Double time after 4 hours.

<sup>9</sup> For New Year's and Memorial days, time and one-half.

<sup>10</sup> Double time after 11 p. m.

<sup>11</sup> Double time after 10 p. m.

<sup>12</sup> For Christmas, July 4, Labor Day; for New Year's, Memorial, and Thanksgiving days, time and one-half.

<sup>13</sup> Time and one-half after 10 p. m.

<sup>14</sup> Rate, in cents, per hour.

<sup>15</sup> Overtime charge, plus 50 cents per day.

<sup>16</sup> For Sundays; for holidays, time and one-half.

<sup>17</sup> Double time after 10.30 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## COMPOSITORS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per week full time.		
WESTERN.										
Butte, Mont.	65.6	31.50	1 1/2	2	8-8-48	.....	Cents.	Dolls.	.....	
Denver, Colo.	54.2	26.00	2 1/2	2	8-8-48	.....	.....	.....	.....	
Los Angeles, Cal.	50.0	24.00	1 1/2	2	8-8-48	.....	.....	.....	.....	
Portland, Oreg.	53.5	25.68	1 1/2	1 1/2	8-8-48	.....	.....	.....	.....	
Salt Lake City, Utah	54.2	26.00	6 1/2	2	6 8-8-48	3	.....	.....	.....	
San Francisco, Cal.	54.2	26.00	6 1/2	2	8-8-48	.....	52.6	25.25	8-8-48	
Seattle, Wash.	56.3	27.00	1 1/2	1 1/2	8-8-48	.....	53.1	25.50	8-8-48	
Spokane, Wash.	53.1	25.50	6 1/2	1 1/2	8-8-48	.....	.....	.....	.....	

## ELECTROTYPERs: Battery men and builders.

NORTH ATLANTIC.									
Boston, Mass.	41.7	20.00	7 1/2	2	8 1/2-48	12	.....	.....	.....
Buffalo, N. Y.	37.5	18.00	1 1/2	2	8-8-48	.....	33.3	18.00	9-9-54
New Haven, Conn.	35.2	19.00	1 1/2	2	9-9-54	.....	.....	.....	.....
New York, N. Y.	56.3	24.75	1 1/2	2	8-4-44	12	.....	.....	.....
Philadelphia, Pa.	47.9	23.00	1 1/2	2	8 1/2-48	12	45.8	22.00	8 1/2-48
Pittsburgh, Pa.	39.6	19.00	1 1/2	2	8-8-48	.....	37.5	18.00	8-8-48
Rochester, N. Y.	31.3	15.00	1 1/2	2	8-8-48	.....	.....	.....	.....
Scranton, Pa.	39.6	19.00	1 1/2	2	8-8-48	.....	37.5	18.00	8-8-48
Springfield, Mass.	37.5	18.00	1 1/2	2	8 1/2-4-48	12	.....	.....	.....
SOUTH ATLANTIC.									
Atlanta, Ga.	34.4	16.50	1 1/2	2	8 1/2-4-48	12	.....	.....	.....
Baltimore, Md.	35.4	17.00	7 1/2	2	8 1/2-4-48	12	33.3	16.00	8 1/2-4-48
Jacksonville, Fla.	46.9	22.50	1 1/2	2	8-8-48	.....	.....	.....	.....
Washington, D. C.	37.5	18.00	1 1/2	2	8-8-48	.....	(*)	(*)	(*)
NORTH CENTRAL.									
Chicago, Ill.	47.9	23.00	10 1/2	2	8 1/2-4-48	12	43.8	21.00	8 1/2-4-48
Cincinnati, Ohio:									
Battery men, backers, casters, and floor men.	33.3	16.00	7 1/2	2	8 1/2-4-48	12	.....	.....	.....
Builders.	37.5	18.00	7 1/2	2	8 1/2-4-48	12	.....	.....	.....
Cleveland, Ohio.	137.5	18.00	12 1/2	2	8 1/2-5-48	12	.....	.....	.....
Davenport, Iowa, Moline and Rock Island, Ill.	47.9	23.00	18 1/2	2	8-8-48	.....	43.8	21.00	8-8-48
Detroit, Mich.	43.8	21.00	10 1/2	2	8 1/2-4-48	12	.....	.....	.....
Grand Rapids, Mich.	25.0	12.00	1 1/2	2	8 1/2-4-48	12	.....	.....	.....
Indianapolis, Ind.	43.2	19.00	7 1/2	2	8-4-44	.....	39.2	17.25	8-4-44

<sup>1</sup> Double time after 10 p. m.<sup>2</sup> Scale became 59.4 cents on Sept. 4, 1917.<sup>3</sup> Double time after 10 p. m. and on Saturday after 5 p. m.<sup>4</sup> Scale became 52.1 cents on June 11, 1917.<sup>5</sup> 45 hours and \$24.38 per week, June to August, inclusive.<sup>6</sup> Double time after midnight.<sup>7</sup> Double time after 10 p. m. Mondays to Fridays; after 5 p. m. on Saturdays.<sup>8</sup> Work 9 hours on Fridays.<sup>9</sup> No scale in effect on May 15, 1916.<sup>10</sup> Double time after 9 p. m. Mondays to Fridays; after 4 p. m. on Saturdays.<sup>11</sup> Scale became 41.7 cents on June 1, 1917.<sup>12</sup> Double time after midnight Mondays to Fridays; after 5 p. m. on Saturdays.<sup>13</sup> Double time after 9 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## ELECTROTYPERNS: Battery men and builders—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Cents.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—concluded.					Regular rate multiplied by—					
Milwaukee, Wis.	39.6	19.00	1½	2	8 - 8 - 48		Cents.	Dolls.	8 - 8 - 48	
Minneapolis, Minn.	39.6	19.00	1½	2	8 - 8 - 48		31.3	15.00	8 - 8 - 48	
Omaha, Nebr.	37.5	18.00	1½	2	8 - 8 - 48		35.4	17.00	8 - 8 - 48	
St. Louis, Mo.	37.5	18.00	2½	2	8½ - 4½ - 48	12	33.3	16.00	8½ - 4½ - 48	
St. Paul, Minn.	39.6	19.00	1½	2	8½ - 4½ - 48	12	35.4	17.00	8½ - 4½ - 48	
SOUTH CENTRAL.										
Birmingham, Ala.	37.5	18.00	1½	2	8½ - 4½ - 48	12				
WESTERN.										
Denver, Colo.	39.6	19.00	3 1½	2	8 - 8 - 48		33.3	16.00	8 - 8 - 48	
Seattle, Wash.	37.5	18.00	1½	1½	8 - 8 - 48					

## ELECTROTYPERNS: Finishers and molders.

NORTH ATLANTIC.									
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.	Hours—Full day; Saturdays; Full week.				
Boston, Mass.	50.0	24.00	2 1½	2	8½ - 4½ - 48	12			
Buffalo, N. Y.: Finishers.	43.8	21.00	1½	2	8 - 8 - 48				
Molders.	50.0	24.00	1½	2	8 - 8 - 48				
New Haven, Conn.	44.4	24.00	1½	2	9 - 9 - 54		40.7	22.00	9 - 0 - 54
New York, N. Y.	68.8	30.25	3 1½	2	8 - 4 - 44	12			
Philadelphia, Pa.: Finishers.	52.1	25.00	3 1½	2	8½ - 4½ - 48	12	50.0	24.00	8½ - 4½ - 48
Finishers' helpers.	47.9	23.00	3 1½	2	8½ - 4½ - 48	12	45.8	22.00	8½ - 4½ - 48
Molders.	56.3	27.00	3 1½	2	8½ - 4½ - 48	12	54.2	26.00	8½ - 4½ - 48
Pittsburgh, Pa.: Finishers.	45.8	22.00	3 1½	2	4 8 - 8 - 48		43.8	21.00	4 8 - 8 - 48
Molders.	52.1	25.00	3 1½	2	4 8 - 8 - 48		50.0	24.00	4 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.	43.8	21.00	1½	2	8 - 8 - 48		41.7	20.00	8 - 8 - 48
Finishers' helpers.	39.6	19.00	1½	2	8 - 8 - 48		37.5	18.00	8 - 8 - 48
Molders.	50.0	24.00	1½	2	8 - 8 - 48		47.9	23.00	8 - 8 - 48
Springfield, Mass.	50.0	24.00	1½	2	6 8½ - 4 - 48	12			
SOUTH ATLANTIC.									
Atlanta, Ga.	50.0	24.00	1½	2	8½ - 4½ - 48	12			
Baltimore, Md.: Finishers.	47.9	23.00	2 1½	2	8½ - 4½ - 48	12	45.8	22.00	8½ - 4½ - 48
Molders.	52.1	25.00	2 1½	2	8½ - 4½ - 48	12	50.0	24.00	8½ - 4½ - 48
Jacksonville, Fla.	46.9	22.50	1½	2	8 - 8 - 48				
Richmond, Va.	52.1	25.00	1½	1½	8 - 8 - 48		46.3	25.00	9 - 9 - 54
Washington, D. C.	56.3	27.00	1½	2	8 - 8 - 48		54.2	26.00	8 - 8 - 48

<sup>1</sup> Double time after 9 p. m. Mondays to Fridays; after 4 p. m. on Saturdays.<sup>2</sup> Double time after 10 p. m. Mondays to Fridays; after 5 p. m. on Saturdays.<sup>3</sup> Double time after 10 p. m.<sup>4</sup> Hours vary, but total 48 per week.<sup>5</sup> Work 9 hours on Fridays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

ELECTROTYPERs: Finishers and molders—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.:	Cents.	Dolls.	Regular rate multiplied by—						
Finishers.....	56.3	27.00	1 1½	2	8½-4½-48	12	Cents.		
Molders.....	60.4	29.00	1 1½	2	8½-4½-48	12	Dolls.		
Cincinnati, Ohio:									
Finishers.....	45.8	22.00	3 1½	2	8½-4½-48	12			
Molders.....	50.0	24.00	3 1½	2	8½-4½-48	12			
Cleveland, Ohio:									
Finishers.....	47.9	23.00	5 1½	2	8½-5½-48	12			
Molders.....	52.1	25.00	5 1½	2	8½-5½-48	12			
Second molders.....	43.8	21.00	6 1½	2	8½-5½-48	12			
Columbus, Ohio.									
Finishers.....	43.8	21.00	1½	2	8½-5½-48	12			
Davenport, Iowa, Moline and Rock Island, Ill.:									
Finishers.....	56.3	27.00	7 1½	2	8-8-48	.....	52.1		
Molders.....	60.4	29.00	7 1½	2	8-8-48	.....	56.3		
Des Moines, Iowa.									
Finishers.....	54.2	26.00	8 1½	2	8½-4½-48	12	50.0		
Detroit, Mich.									
Finishers.....	52.1	25.00	1 1½	2	8½-4½-48	12			
Grand Rapids, Mich.									
Finishers.....	37.5	18.00	1½	2	8½-4½-48	12			
Indianapolis, Ind.:									
Finishers.....	50.0	22.00	3 1½	2	8-4-44	12	47.9		
Molders.....	52.3	23.00	3 1½	2	8-4-44	12	50.1		
Kansas City, Mo.									
Finishers.....	50.0	24.00	1½	2	8-8-48	.....	46.9		
Milwaukee, Wis.									
Finishers.....	50.0	24.00	1½	2	9-8-8-48	43.8	21.00		
Minneapolis, Minn.:									
Finishers.....	50.0	24.00	1 1½	2	9-8-8-48	.....	45.8		
Molders.....	56.3	27.00	1 1½	2	9-8-8-48	.....	52.1		
Omaha, Nebr.									
Finishers.....	52.1	25.00	1½	2	8-8-48	.....	43.8		
St. Louis, Mo.:									
Finishers.....	47.9	23.00	3 1½	2	8½-4½-48	12	45.8		
Molders.....	50.0	24.00	3 1½	2	8½-4½-48	12	47.9		
St. Paul, Minn.:									
Finishers.....	50.0	24.00	1 1½	2	8½-4½-48	12	45.8		
Molders.....	56.3	27.00	1 1½	2	8½-4½-48	12	52.1		
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.									
Finishers.....	56.3	27.00	1½	2	8½-4½-48	12			
Dallas, Tex.:									
Finishers.....	37.5	18.00	1½	2	8-8-48	.....			
Molders.....	41.7	20.00	1½	2	8-8-48	.....			
Houston, Tex.									
Finishers.....	62.5	30.00	1½	1	8-8-48	(10)	(10)		
Memphis, Tenn.									
Finishers.....	45.8	22.00	1½	1½	8-8-48	.....			
Nashville, Tenn.									
Finishers.....	46.9	22.50	1½	2	8½-5½-48	12	43.8		
New Orleans, La.									
Finishers.....	40.0	18.00	1½	1½	8-5-45	12			
<b>WESTERN.</b>									
Denver, Colo.:									
Finishers.....	47.9	23.00	11 1½	2	8-8-48	.....	43.8		
Molders.....	54.2	26.00	11 1½	2	8-8-48	.....	52.1		
Los Angeles, Cal.									
Finishers.....	56.3	27.00	12 1½	1½	8-8-48	.....			
Portland, Oreg.									
Finishers.....	56.3	27.00	1½	2	8-8-48	.....	50.0		
San Francisco, Cal.									
Finishers.....	56.3	27.00	1½	2	8-8-48	.....			
Seattle, Wash.									
Finishers.....	52.1	25.00	1½	1½	8-8-48	.....			

<sup>1</sup> Double time after 9 p. m., Mondays to Fridays; after 4 p. m. on Saturdays.<sup>2</sup> Scale became 47.9 cents on June 1, 1917.<sup>3</sup> Double time after 10 p. m., Mondays to Fridays; after 5 p. m. on Saturdays.<sup>4</sup> Scale became 52.1 cents on June 1, 1917.<sup>5</sup> Double time after midnight, Mondays to Fridays; after 5 p. m. on Saturdays.<sup>6</sup> Scale became 56.3 cents on June 1, 1917.<sup>7</sup> Double time after 9 p. m.<sup>8</sup> Double time after 10 p. m., Mondays to Fridays; after 6 p. m. on Saturdays.<sup>9</sup> Hours vary, but total 48 per week.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Double time after 10 p. m.<sup>12</sup> Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
LINOTYPE OPERATORS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Per hour	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour	Per week full time.	
<i>REGULAR RATE MULTIPLIED BY—</i>										
NORTH ATLANTIC.	Cents.	Dolls.					Cents.	Dolls.		
Boston, Mass.....	50.0	24.00	1 1/2	2	8 1/2-48	12	47.9	23.00	8 1/2-48	
Monotype operators.....	45.8	22.00	1 1/2	2	8 1/2-48	12	43.8	21.00	8 1/2-48	
Bridgeport, Conn.....	47.9	23.00	1 1/2	1 1/2	8-8-48		45.8	22.00	8-8-48	
Buffalo, N. Y.....	53.1	25.50	1 1/2	2	8-8-48		50.0	24.00	8-8-48	
Monotype operators.....	45.8	22.00	1 1/2	2	8-8-48					
Manchester, N. H.....	37.5	18.00	1 1/2	2	8-8-48		35.4	17.00	8-8-48	
Newark, N. J.....	50.0	24.00	1 1/2	2	8-8-48					
New Haven, Conn.....	45.8	22.00	1 1/2	2	8-8-48					
New York, N. Y.:—										
English.....	54.2	26.00	1 1/2	2 2	3 8-8-48					
German.....	70.7	26.50	1 1/2	2	7 1/2-37 1/2					
Hebrew.....	88.9	32.00	1 1/2	2	6-6-36		86.1	31.00	6-6-36	
Hungarian.....	64.3	27.00	1 1/2	2	7-7-42		59.5	25.00	7-7-42	
Italian.....	54.8	23.00	1 1/2	2	7-7-42					
Philadelphia, Pa.:—										
English.....	47.9	23.00	1 1/2	4 2	3 8-8-48		45.8	22.00	3 8-8-48	
German.....	57.5	23.00	1 1/2	2	5 8-0-40		55.0	22.00	5 8-0-40	
Pittsburgh, Pa.:—										
English.....	7 52.1	25.00	1 1/2	2	8-8-48					
German.....	50.8	24.40	8 1/2	2	8-8-48					
Monotype operators.....	9 45.8	22.00	1 1/2	2	8-8-48					
Providence, R. I.....	6 47.9	23.00	1 1/2	2	8-8-48					
Rochester, N. Y.....	10 47.9	23.00	1 1/2	2	3 8-8-48					
Monotype operators.....	11 41.7	20.00	1 1/2	2	3 8-8-48					
Scranton, Pa.....	50.0	24.00	1 1/2	12 2	8-8-48		45.8	22.00	8-8-48	
Springfield, Mass.....	41.7	20.00	1 1/2	2	8 1/2-41-48	12				
Worcester, Mass.....	43.8	21.00	1 1/2	2	3 8-8-48					
SOUTH ATLANTIC.										
Atlanta, Ga.....	46.9	22.50	1 1/2	12 2	3 8-8-48					
Baltimore, Md.....	50.0	24.00	1 1/2	2	3 8-8-48		46.9	22.50	3 8-8-48	
Charleston, S. C.....	50.0	24.00	1 1/2	1 1/2	8-8-48		37.5	18.00	8-8-48	
Jacksonville, Fla.....	53.1	25.50	1 1/2	2	3 8-8-48		52.1	25.00	8-8-48	
Richmond, Va.....	45.8	22.00	1 1/2	1 1/2	3 8-8-48					
Do.....	11 11.0	12.00	1 1/2	1 1/2	3 8-8-48					
Washington, D. C.....	56.3	14 27.00	1 1/2	2	14 8-8-48		50.0	12 24.00	15 8-8-48	
NORTH CENTRAL.										
Chicago, Ill.:—										
English.....	50.0	24.00	16 1/2	2	3 8-8-48					
Bohemian.....	59.0	21.24	17 1/2	2	6-6-36					
German.....	50.0	24.00	18 1/2	2	8-8-48					
Norwegian.....	50.0	24.00	18 1/2	2	8-8-48					
Swedish.....	55.0	26.40	18 1/2	2	3 8-8-48		50.0	24.00	3 8-8-48	

<sup>1</sup> Double time after midnight.<sup>2</sup> Triple time on Sundays except from 7.30 a. m. to 5.30 p. m.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> For Sundays and holidays; for New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>5</sup> Work 5 days per week.<sup>6</sup> Scale became 50 cents on July 1, 1917.<sup>7</sup> Scale became 54.2 cents on July 1, 1917.<sup>8</sup> Rate, in cents, per hour.<sup>9</sup> Scale became 47.9 cents on July 1, 1917.<sup>10</sup> Scale became 49 cents on Nov. 1, 1917.<sup>11</sup> Scale became 43.8 cents on June 1, 1917, and 45.8 cents on Nov. 1, 1917.<sup>12</sup> For Sundays; for holidays, time and one-half.<sup>13</sup> Per 1,000 ems minion.<sup>14</sup> 44 hours and \$24.75 per week, June to September, inclusive.<sup>15</sup> 44 hours and \$22 per week, June to September, inclusive.<sup>16</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.<sup>17</sup> Double time after 3 hours, and on Saturdays after completion of 36-hour week.<sup>18</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## LINOTYPE OPERATORS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—concluded.</b>										
Cincinnati, Ohio:	<i>Cents.</i>	<i>Dolls.</i>	<i>Regular rate multiplied by—</i>				<i>Cents.</i>	<i>Dolls.</i>		
English.....	54.2	26.00	1½	1½	8-8-48	.....	52.1	25.00	8-8-48	
German.....	39.6	19.00	1 50c.	1 50c.	8-8-48	.....	.....	.....	.....	
Cleveland, Ohio:										
English.....	62.5	30.00	2 1½	2	8-8-48	.....	53.8	25.80	8-8-48	
Hungarian.....	62.1	27.00	1½	1½	4 7½-6-43½	.....	53.2	24.00	7½-6-43½	
Columbus, Ohio.....	50.0	24.00	1½	1½	8-8-48	43.8	21.00	8-8-48		
Davenport, Iowa, Rock Island and Moline, Ill. ....	47.9	23.00	1½	2	8-8-48	45.8	22.00	8-8-48		
Des Moines, Iowa.....	50.0	24.00	1½	1½	8-8-48	49.0	23.50	8-8-48		
Detroit, Mich.....	60.5	29.04	6 1½	2	6 8-8-48	55.0	26.40	6 8-8-48		
Grand Rapids, Mich.: Monotype operators.....	45.8	22.00	1½	2	6 8-8-48	.....	.....	.....	.....	
Indianapolis, Ind.....	56.3	27.00	2 1½	2	8-8-48	53.1	25.50	8-8-48		
Monotype operators.....	56.3	27.00	2 1½	2	8-8-48	53.1	25.50	8-8-48		
Kansas City, Mo.....	57.3	27.50	1½	1½	8-8-48	.....	.....	.....	.....	
Milwaukee, Wis.:										
English.....	54.2	26.00	2 1½	2	6 8-8-48	52.1	25.00	6 8-8-48		
German.....	54.2	26.00	1½	2	6 8-8-48	.....	.....	.....	.....	
Minneapolis, Minn.....	52.1	25.00	7 1½	8 2	8-8-48	50.0	24.00	8-8-48		
Omaha, Nebr.:										
English.....	53.1	25.50	1½	1½	8-8-48	.....	.....	.....	.....	
German.....	53.1	25.50	1½	1½	8-8-48	46.9	22.50	8-8-48		
Peoria, Ill.: Monotype operators.....	40.0	19.20	1½	1½	8-8-48	.....	.....	.....	.....	
St. Louis, Mo.:										
English.....	54.2	26.00	9 1½	2	8-8-48	52.1	25.00	8-8-48		
German.....	54.2	26.00	9 1½	2	8-8-48	52.1	25.00	8-8-48		
St. Paul, Minn.....	52.1	25.00	10 1½	11 2	8-8-48	50.0	24.00	8-8-48		
Wichita, Kans.....	48.4	23.25	12 1½	1½	8-8-48	47.4	22.75	8-8-48		
Monotype operators.....	46.9	22.50	12 1½	1½	8-8-48	45.8	22.00	8-8-48		
<b>SOUTH CENTRAL.</b>										
Birmingham, Ala.....	57.3	27.50	1 75c.	181.3	8-8-48	.....	54.5	26.16	8-8-48	
Dallas, Tex.....	1312.0	.....	1½	2	8-8-48	.....	1312.5	.....	8-8-48	
Houston, Tex.....	1312.5	.....	1½	2	8-8-48	.....	.....	.....	.....	
Monotype operators.....	57.3	27.50	7 1½	2	8-8-48	.....	52.1	25.00	8-8-48	
Little Rock, Ark. ....	50.0	24.00	1½	1½	6 8-8-48	3	.....	.....	.....	
Louisville, Ky.....	50.0	24.00	2 1½	2	6 8-8-48	.....	.....	.....	.....	
Memphis, Tenn.....	56.3	27.00	1½	1½	8-8-48	.....	.....	.....	.....	
Nashville, Tenn.....	50.0	24.00	1½	2	84-51-48	12	41.7	20.00	8½-5½-48	
New Orleans, La.....	53.3	24.00	16 1½	1½	7½-7½-45	.....	.....	.....	.....	
Do.....	1315.0	.....	16 1½	1½	7½-7½-45	.....	.....	.....	.....	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Double time after midnight.<sup>3</sup> For Sundays; do not work on holidays.<sup>4</sup> Allowed 6 days off each year, with pay.<sup>5</sup> Double time after 9 p. m.<sup>6</sup> Hours vary, but total 48 per week.<sup>7</sup> Double time after 4 hours.<sup>8</sup> For Sundays; for New Year's and Memorial days, time and one-half.<sup>9</sup> Double time after 11 p. m.<sup>10</sup> Double time after 10 p. m.<sup>11</sup> For Sundays, Christmas, July 4, and Labor Day; for New Year's, Thanksgiving, and Memorial days, time and one-half.<sup>12</sup> Time and one-half after 10 p. m.<sup>13</sup> Per 1,000 ems nonpareil.<sup>14</sup> For Sundays; for holidays, time and one-half.<sup>15</sup> Double time after 10.30 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## LINOTYPE OPERATORS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
WESTERN.					Regular rate multiplied by					
Denver, Colo.: Monotype operators	Cents.	Dolls.					Cents.	Dolls.		
Los Angeles, Cal.	1 54.2	26.00	2 1½	2	8 -8 -48					
Portland, Oreg.	3 60.4	29.00	1½	2	8 -8 -48					
Salt Lake City, Utah	65.6	31.50	4 100c.	4 100c.	8 -8 -48					
San Francisco, Cal.	56.3	27.00	6 1½	1½	6 8 -8 -48					
Seattle, Wash.	65.0	31.20	6 1½	1½	8 -8 -48					
Spokane, Wash.	78.6	33.00	4 120c.	7 1½	7 -7 -42		75.0	31.50	7 -7 -42	
	66.7	30.00	6 1½	1½	7½-7½-45					

## MACHINE TENDERS.

NORTH ATLANTIC.									
Boston, Mass.	50.0	24.00	6 1½	2	8½-5½-48	12	47.9	23.00	8½-4½-48
Newark, N. J.	50.0	24.00	1½	2	8 -8 -48				
New York, N. Y.:									
1 to 4 machines	54.2	26.00	6 1½	2	9 8 -8 -48				
5 to 8 machines	57.3	27.50	6 1½	2	9 8 -8 -48				
9 to 12 machines	61.5	29.50	6 1½	2	9 8 -8 -48				
13 or more machines	65.6	31.50	6 1½	2	9 8 -8 -48				
SOUTH ATLANTIC.									
Baltimore, Md.	50.0	24.00	1½	2	10 8 -8 -48	4	46.9	22.50	8 -8 -48
Washington, D. C.	56.3	27.00	6 1½	2	10 8 -8 -48	50.0	24.00	11 8 -8 -48	
NORTH CENTRAL.									
Chicago, Ill.:									
English	50.0	24.00	12 1½	2	9 8 -8 -48				
Swedish	55.0	26.40	13 1½	2	8 -8 -48		50.0	24.00	8 -8 -48
Cincinnati, Ohio	54.2	26.00	1½	1½	8 -8 -48		52.1	25.00	8 -8 -48
Cleveland, Ohio	62.5	30.00	6 1½	2	8 -8 -48		53.8	25.80	8 -8 -48
Des Moines, Iowa	50.0	24.00	1½	1½	8 -8 -48		49.0	23.50	8 -8 -48
Detroit, Mich.	60.5	29.04	1½	2	9 8 -8 -48		55.0	26.40	9 8 -8 -48
Milwaukee, Wis.	54.2	26.00	6 1½	2	9 8 -8 -48		52.1	25.00	9 8 -8 -48
Minneapolis, Minn.	52.1	25.00	14 1½	15 2	8 -8 -48		50.0	24.00	8 -8 -48
St. Louis, Mo.	54.2	26.00	16 1½	2	8 -8 -48		52.1	25.00	8 -8 -48
SOUTH CENTRAL.									
Houston, Tex.	72.9	35.00	14 1½	2	8 -8 -48				
Little Rock, Ark.	50.0	24.00	1½	1½	9 8 -8 -48	3			
Louisville, Ky.	47.9	23.00	6 1½	2	9 8 -8 -48				
Nashville, Tenn.	60.0	24.00	1½	2	8½-5½-48	12	41.7	20.00	8½-5½-48
New Orleans, La.	53.3	24.00	17 1½	1½	7½-7½-45				

<sup>1</sup> Scale became 59.4 cents on Sept. 1, 1917.<sup>2</sup> Double time after 10 p. m. Mondays to Fridays; after 5 p. m. on Saturdays.<sup>3</sup> Scale became 62.5 cents on July 11, 1917.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> 45 hours and \$25.31 per week, June to August, inclusive.<sup>6</sup> Double time after midnight.<sup>7</sup> For Sundays; work 5 hours on holidays, paid for full day.<sup>8</sup> Triple time on Sundays, except from 7.30 a. m. to 5.30 p. m.<sup>9</sup> Hours vary, but total 48 per week.<sup>10</sup> 44 hours and \$24.75 per week, June to September, inclusive.<sup>11</sup> 44 hours and \$22 per week, June to September, inclusive.<sup>12</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.<sup>13</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.<sup>14</sup> Double time after 4 hours.<sup>15</sup> For New Year's and Memorial days, time and one-half.<sup>16</sup> Double time after 11 p. m.<sup>17</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## MACHINE TENDERS—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
WESTERN.	Cents.	Dolls.	Regular rate multiplied by				Cents.	Dolls.	
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				

## MACHINIST OPERATORS.

NORTH ATLANTIC.								
Buffalo, N. Y.	57.3	27.50	1½	2	8-8-48		54.2	26.00
Rochester, N. Y.	52.1	25.00	1½	2	4 8-8-48		50.0	24.00
Springfield, Mass.	41.7	20.00	2 1½	2	83-44-48	12		
SOUTH ATLANTIC.								
Atlanta, Ga.	53.1	25.50	1½	6 2	4 8-8-48			
Baltimore, Md.	50.0	24.00	1½	2	4 8-8-48		46.9	22.50
Jacksonville, Fla.	56.3	27.00	1½	2	4 8-8-48			
NORTH CENTRAL.								
Chicago, Ill.	50.0	24.00	6 1½	2	4 8-8-48			
Detroit, Mich.	60.5	29.04	7 1½	2	4 8-8-48		55.0	26.40
Indianapolis, Ind.	56.3	27.00	2 1½	2	8-8-48		53.1	25.50
Kansas City, Mo.	62.5	30.00	1½	1½	8-8-48			
Omaha, Nebr.	53.1	25.50	1½	1½	8-8-48			
St. Paul, Minn.	58.3	28.00	8 1½	9 2	8-8-48		52.3	27.00
Wichita, Kans.	54.7	26.25	10 1½	1½	8-8-48		53.6	25.75
SOUTH CENTRAL.								
Birmingham, Ala.	59.4	28.50	11 80c.	11 86½c.	8-8-48		64.5	30.96
Dallas, Tex.	1212.0	.....	1	1	8-8-48		1212.5	.....
Houston, Tex.	72.9	35.00	12 1½	2	8-8-48	1		
Little Rock, Ark.	56.3	27.00	1½	1½	4 8-8-48	3		
Louisville, Ky.	51.1	24.52	2 1½	2	4 8-8-48			
Nashville, Tenn.	56.3	27.00	1½	2	83-54-48	12	50.0	24.00
New Orleans, La.	60.0	27.00	14 1½	1½	71-71-45			
WESTERN.								
Butte, Mont.	81.3	39.00	8 1½	2	15 8-8-48			
Salt Lake City, Utah	62.5	30.00	2 1½	1½	15 8-8-48	3		
San Francisco, Cal.	71.3	34.20	2 1½	1½	8-8-48			
Seattle, Wash.	85.7	36.00	11 120c.	16 1	7-7-42		82.1	34.50
Spokane, Wash.	73.3	33.00	2 1½	1½	71-71-45			

<sup>1</sup> Scale became 62.5 cents on June 1, 1917.<sup>2</sup> Double time after midnight.<sup>3</sup> Scale became 53.1 cents on Nov. 1, 1917.<sup>4</sup> Hours vary, but total 48 per week.<sup>5</sup> For Sundays; for holidays, time and one-half.<sup>6</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.<sup>7</sup> Double time after 9 p. m.<sup>8</sup> Double time after 10 p. m.<sup>9</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>10</sup> Time and one-half after 10 p. m.<sup>11</sup> Rate, in cents, per hour.<sup>12</sup> Per 1,000 ems nonpareil and 50 cents per day additional.<sup>13</sup> Double time after 4 hours.<sup>14</sup> Double time after 10.30 p. m.<sup>15</sup> 45 hours and \$28.13 per week, June to August, inclusive.<sup>16</sup> For Sundays; work 5 hours on holidays, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PHOTO-ENGRAVERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC.</b>										
Boston, Mass.	43.8	21.00	1½	2	8½-4-48	12	Cents.	Dolls.		
Buffalo, N. Y.	50.0	24.00	1½	2	18-8-48	4	45.8	22.00	28-8-48	
New York, N. Y.	62.5	30.00	3½	2	8-8-48	.....	50.3	27.00	8-8-48	
Philadelphia, Pa.	58.3	28.00	5½	2	18-8-48	.....	54.2	26.00	8-8-48	
Pittsburgh, Pa.	54.2	26.00	6½	2	8½-4½-48	12	43.8	21.00	8½-4½-48	
Providence, R. I.:										
Photographers and finishers.	52.1	25.00	1½	1½	18-8-48	.....				
Zinc etchers, and proofers.	43.8	21.00	1½	1½	18-8-48	.....				
Scranton, Pa.	52.1	25.00	1½	2	8½-4½-48	12				
Springfield, Mass.	52.1	25.00	1½	2	6½-4-48	12				
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.	47.9	23.00	1½	2	8-8-48	.....				
Baltimore, Md.:										
Half-tone photographers, etchers, and finishers.	54.2	26.00	5½	2	8½-4½-48	12	45.8	22.00	8½-4½-48	
Line photographers, etchers, finishers, routers, and proofers.	54.2	26.00	5½	2	8½-4½-48	12	41.7	20.00	8½-4½-48	
Printers.	54.2	26.00	6½	2	8½-4½-48	12	31.3	15.00	8½-4½-48	
Richmond, Va.:										
Line and half-tone operators.	54.2	26.00	1½	2	18-8-48	.....	47.9	23.00	18-8-48	
Etchers.	54.2	26.00	1½	2	18-8-48	.....	45.8	22.00	18-8-48	
Routers.	54.2	26.00	1½	2	18-8-48	.....	37.5	18.00	18-8-48	
Washington, D. C.:										
Photographers, half-tone.	54.2	26.00	3½	2	8-8-48	.....	52.1	25.00	8-8-48	
Etchers, copper, and finishers.	54.2	26.00	3½	2	8-8-48	.....	47.9	23.00	8-8-48	
Etchers, zinc; photographers, line; and routers.	54.2	26.00	3½	2	8-8-48	.....	41.7	20.00	8-8-48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.	58.3	28.00	8½	2	18-8-48	.....	54.2	26.00	18-8-48	
Cincinnati, Ohio.	54.2	26.00	1½	2	8½-4½-48	12	50.0	24.00	8½-4½-48	
Cleveland, Ohio.	50.0	24.00	5½	2	8½-4½-48	12	43.8	21.00	8½-4½-48	
Columbus, Ohio.	50.0	24.00	1½	2	8½-4½-48	12	47.9	23.00	8½-4½-48	
Des Moines, Iowa.	54.2	26.00	5½	2	8½-4½-48	12	46.9	22.50	8½-4½-48	
Detroit, Mich.	43.8	21.00	1½	2	8½-4½-48	12				
Grand Rapids, Mich.	41.7	20.00	1½	2	8½-4½-48	12				
Milwaukee, Wis.	54.2	26.00	10½	2	8½-4½-48	12				
Minneapolis, Minn.	56.3	27.00	8½	2	8½-4½-48	12	50.0	24.00	8½-4½-48	
Omaha, Nebr.:										
Half-tone photographers and finishers, and copper etchers.	52.1	25.00	1½	2	18½-4½-48	12				
Zinc etchers, proofers, routers, and blockers.	47.9	23.00	1½	2	18½-4½-48	12				
Line photographers, printers, and strippers.	43.8	21.00	1½	2	18½-4½-48	12				

<sup>1</sup> Hours vary, but total 48 per week.<sup>2</sup> 44 hours and \$20.17 per week, June to September, inclusive.<sup>3</sup> Double time after 4 hours; triple time after 8 hours.<sup>4</sup> Triple time after 8 hours.<sup>5</sup> Double time after 4 hours.<sup>6</sup> 8 hours on Mondays.<sup>7</sup> Scale became 52.1 cents on July 15, 1917.<sup>8</sup> Double time after 9 p. m., and on Saturday afternoons.<sup>9</sup> And on Saturday afternoons.<sup>10</sup> Double time after 9 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
PHOTO-ENGRAVERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours—Full day; Saturdays; Full week;		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
SOUTH CENTRAL.				Regular rate multiplied by $\frac{1}{1\frac{1}{2}}$ 2				
Houston, Tex.....	Cents. 54.2	Dolls. 26.00		8 - 8 - 48		Cents. 52.1	Dolls. 25.00	
WESTERN.							8 - 8 - 48	
Portland, Oreg.....	62.5	30.00	1 $\frac{1}{2}$	2	8 - 8 - 48			
Spokane, Wash.....	57.3	27.50	1 $\frac{1}{2}$	2	8 - 8 - 48			

## PRESS FEEDERS.

NORTH ATLANTIC.									
Boston, Mass.: Cylinder presses.....	33.3	16.00	8 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Do.....	35.4	17.00	8 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Bridgeport, Conn.: Cylinder presses.....	31.3	15.00	1 $\frac{1}{2}$	2	8 - 8 - 48		25.0	12.00	8 - 8 - 48
Platen presses.....	25.0	12.00	1 $\frac{1}{2}$	2	8 - 8 - 48		18.8	9.00	8 - 8 - 48
Buffalo, N. Y.: Cylinder presses.....	40.2	14.50	3 1 $\frac{1}{2}$	2	5 8 - 8 - 48	3	27.1	13.00	6 8 - 8 - 48
Cylinder presses (female). 20.8	8 10.00		3 1 $\frac{1}{2}$	2	8 8 - 8 - 48	3	18.8	9 9.00	9 8 - 8 - 48
Automatic operators, cylinder presses.....	1032.3	1115.50	3 1 $\frac{1}{2}$	2	11 8 - 8 - 48	3	29.2	14.00	12 8 - 8 - 48
Folding-machine operators.....	1340.6	1419.50	3 1 $\frac{1}{2}$	2	14 8 - 8 - 48	3	37.5	18.00	15 8 - 8 - 48
Lithographic presses.....	31.3	15.00	1 $\frac{1}{2}$	2	2 8 - 8 - 48		25.0	12.00	2 8 - 8 - 48
Assistant rotary presses.....	1633.3	1716.00	3 1 $\frac{1}{2}$	2	17 8 - 8 - 48	3	30.2	14.50	18 8 - 8 - 48
Platen presses.....	1922.9	2011.00	3 1 $\frac{1}{2}$	2	20 8 - 8 - 48	3	20.8	10.00	9 8 - 8 - 48
Platen presses (females)....	2118.3	22 9.00	3 1 $\frac{1}{2}$	2	22 8 - 8 - 48	3	16.7	8.00	23 8 - 8 - 48
Newark, N. J.: Cylinder presses.....	35.4	17.00	24 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Automatic pile feeders.....	37.5	18.00	24 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Automatic Cross feeders.....	39.6	19.00	24 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Web presses, brakemen and tension men.....	41.7	20.00	24 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			
Web presses, oilers and utility men.....	37.5	18.00	24 1 $\frac{1}{2}$	2	8 1 $\frac{1}{2}$ - 48	12			

<sup>1</sup> Double time on Saturday after 5.30 p. m.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Double time after midnight.<sup>4</sup> Scale became 31.3 cents on June 1, 1917.<sup>5</sup> 44 hours and \$13.29 per week, June to August, inclusive.<sup>6</sup> 44 hours and \$11.92 per week, June to August, inclusive.<sup>7</sup> Scale became 21.9 cents on June 1, 1917.<sup>8</sup> 44 hours and \$9.17 per week, June to August, inclusive.<sup>9</sup> 44 hours and \$8.25 per week, June to August, inclusive.<sup>10</sup> Scale became 33.3 cents on June 1, 1917.<sup>11</sup> 44 hours and \$14.21 per week, June to August, inclusive.<sup>12</sup> 44 hours and \$12.83 per week, June to August, inclusive.<sup>13</sup> Scale became 41.7 cents on June 1, 1917.<sup>14</sup> 44 hours and \$17.88 per week, June to August, inclusive.<sup>15</sup> 44 hours and \$16.50 per week, June to August, inclusive.<sup>16</sup> Scale became 34.4 cents on June 1, 1917.<sup>17</sup> 44 hours and \$14.67 per week, June to August, inclusive.<sup>18</sup> 44 hours and \$13.29 per week, June to August, inclusive.<sup>19</sup> Scale became 24 cents on June 1, 1917.<sup>20</sup> 44 hours and \$10.05 per week, June to August, inclusive.<sup>21</sup> Scale became 19.8 cents on June 1, 1917.<sup>22</sup> 44 hours and \$8.25 per week, June to August, inclusive.<sup>23</sup> 44 hours and \$7.33 per week, June to August, inclusive.<sup>24</sup> Double time after 10 p. m. Mondays to Fridays; after 6 p. m. on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
New Haven, Conn.: Cylinder presses.....	Cents. 25.0	Dolls. 12.00			Regular rate multiplied by $\frac{1}{2}$	2	1 8 -8 -48	20.8	Dollars. 8 -8 -48	
Platen presses.....	25.0	12.00	$\frac{1}{2}$	2	1 8 -8 -48	2	1 8 -8 -48	10.00	8 -8 -48	
New York, N. Y.: Cylinder presses or hand folding machines or automatic feed, folding machine.....	2 36.5	17.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	35.4	17.00	8 -8 -48	
Sheet-feed rotary press.....	40.6	19.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	39.6	19.00	8 -8 -48	
First assistants, McKee process presses.....	43.8	21.00	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	.....	.....	.....	
Second assistants, McKee process presses.....	38.5	18.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	.....	.....	.....	
In charge of sextuple folding machines.....	42.7	20.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	41.7	20.00	8 -8 -48	
Single-color rotary 85-inch lithographic presses.....	43.8	21.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	41.7	20.00	8 -8 -48	
Single-color rotary 64-inch lithographic presses.....	37.5	18.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	35.4	17.00	8 -8 -48	
Single-color semiautomatic lithographic presses.....	43.8	21.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	41.7	20.00	8 -8 -48	
4-color semiautomatic 85-inch lithographic presses.....	50.0	24.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	(6)	(6)	(6)	
Offset hand-feed lithographic presses.....	39.6	19.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	37.5	18.00	8 -8 -48	
Offset lithographic presses or single-color rotary presses.....	33.3	16.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	.....	.....	.....	
2-color rotary 64-inch or medium-size rotary lithographic presses.....	39.6	19.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	37.5	18.00	8 -8 -48	
3-color rotary 64-inch or offset single-color poster lithographic presses.....	41.7	20.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	39.6	19.00	8 -8 -48	
2-color flat-bed or front delivery lithographic presses.....	37.5	18.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	35.4	17.00	8 -8 -48	
Nos. 2 to 4½ lithographic presses.....	31.3	15.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	.....	.....	.....	
Nos. 2 to 4½ poster or Nos. 5 or 5½ lithographic presses.....	33.3	16.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	.....	.....	.....	
Flat-bed lithographic presses.....	29.2	14.00	$\frac{5}{2} \frac{1}{2}$	2	8 -8 -48	2	.....	.....	.....	
Tension men, web presses.....	7 44.8	21.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	43.8	21.00	8 -8 -48	
Platen presses.....	8 26.0	12.50	$\frac{3}{2} \frac{1}{2}$	2	1 8 -8 -48	2	25.0	12.00	8 -8 -48	
Philadelphia, Pa. (competitive offices): Cylinder presses, 25 by 38 inches or over.....	31.3	15.00	$\frac{5}{2} \frac{1}{2}$	2	1 8 -8 -48	2	28.1	13.50	1 8 -8 -48	
Cylinder presses less than 25 by 38 inches.....	25.0	12.00	$\frac{5}{2} \frac{1}{2}$	2	1 8 -8 -48	2	24.0	11.50	1 8 -8 -48	
Flat-bed perfecting presses.....	31.3	15.00	$\frac{5}{2} \frac{1}{2}$	2	1 8 -8 -48	2	30.2	14.50	1 8 -8 -48	

<sup>1</sup> Hours vary, but total 48 per week.<sup>2</sup> Scale became 37.5 on June 1, 1917.<sup>3</sup> Double time after 5 hours.<sup>4</sup> Scale became 43.8 cents on June 1, 1917.<sup>5</sup> Double time after midnight.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Scale became 45.8 cents on June 1, 1916.<sup>8</sup> Scale became 27.1 cents on Oct. 1, 1917.<sup>9</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa. (competitive offices)—Concluded.									
Press assistants, automatic feed flat bed.....	Cents. 32.3	Dolls. 15.50	Regular rate multiplied by— 1 1/2 1/2		* 8-8-48	....	Cents. 30.2	Dolls. 14.50 * 8-8-48	
Press assistants, rotary presses.....	33.3	16.00	1 1/2 2 2		* 8-8-48	....	31.3	15.00 * 8-8-48	
Presses, all sizes (females). . . . .	22.9	11.00	1 1/2 2 2		* 8-8-48	....	20.8	10.00 * 8-8-48	
Assistants, web rotary and flat sheet presses.....	33.3	16.00	1 1/2 2 2		* 8-8-48	....	(4)	(4) (4)	
2-color flat-bed presses.....	31.3	15.00	1 1/2 2 2		* 8-8-48	....	(4)	(4) (4)	
Philadelphia, Pa. (noncompetitive offices):									
Cylinder presses, 25 by 38 inches or over.....	31.3	15.00	1 1/2 2		9 1/2-0-48	5 1/2 29.2 14.00	9 1/2-0-48		
Cylinder presses, less than 25 by 38 inches.....	27.1	13.00	1 1/2 2		9 1/2-0-48	5 1/2 25.0 12.00	9 1/2-0-48		
Flat-bed perfecting presses.....	33.3	16.00	1 1/2 2		9 1/2-0-48	5 1/2 32.3 15.50	9 1/2-0-48		
4-color wet proving presses.....	32.3	15.50	1 1/2 2		9 1/2-0-48	5 1/2 31.3 15.00	9 1/2-0-48		
Press assistants, automatic feed or 2-color presses.....	33.3	16.00	1 1/2 2		9 1/2-0-48	5 1/2 31.3 15.00	9 1/2-0-48		
Press assistants, Rotogravure presses.....	31.3	15.00	1 1/2 2		9 1/2-0-48	5 1/2 (4) (4)	(4) (4)		
Press assistants, rotary presses, under 48 inches.....	35.4	17.00	1 1/2 2		9 1/2-0-48	5 1/2 33.3 16.00	9 1/2-0-48		
Press assistants, 2 flat bed, 1 or 2 color presses.....	35.4	17.00	1 1/2 2		9 1/2-0-48	5 1/2 (4) (4)	(4) (4)		
Press assistants, rotary presses, under 69 inches.....	39.6	19.00	1 1/2 2		9 1/2-0-48	5 1/2 37.5 18.00	9 1/2-0-48		
Press assistants, rotary presses, 69 inches or over.....	41.7	20.00	1 1/2 2		9 1/2-0-48	5 1/2 39.6 19.00	9 1/2-0-48		
Press assistants, double production McKee press.....	41.7	20.00	1 1/2 2		9 1/2-0-48	5 1/2 (4) (4)	(4) (4)		
Press assistants, single production McKeepress.....	40.6	19.50	1 1/2 2		9 1/2-0-48	5 1/2 (4) (4)	(4) (4)		
Pittsburgh, Pa.:									
Cylinder presses or folder feeders.....	29.2	14.00	1 1/2 2		* 8-8-48	....	27.1	13.00 * 8-8-48	
Cylinder presses or folder feeders (females).....	22.9	11.00	1 1/2 2		* 8-8-48	....	20.8	10.00 * 8-8-48	
Platen presses.....	20.8	10.00	1 1/2 2		* 8-8-48	....	18.8	9.00 * 8-8-48	
Platen presses (females).....	18.8	9.00	1 1/2 2		* 8-8-48	....	16.7	8.00 * 8-8-48	
Providence, R. I.:									
Cylinder presses.....	27.1	13.00	1 1/2 2		* 8-8-48	....	25.0	12.00 * 8-8-48	
Platen presses.....	22.9	11.00	1 1/2 2		* 8-8-48	....	20.8	10.00 * 8-8-48	
Rochester, N. Y.:									
Cylinder presses.....	27.1	13.00	1 1/2 2		* 8-8-48	....	22.9	11.00 * 8-8-48	
Platen presses.....	20.8	10.00	1 1/2 2		* 8-8-48	....	18.8	9.00 * 8-8-48	
Scranton, Pa.:									
Cylinder presses.....	29.2	14.00	1 1/2 2		8-8-48	....	....	....	
Platen presses.....	18.8	9.00	1 1/2 2		8-8-48	....	....	....	
Springfield, Mass. ....	25.0	12.00	1 1/2 2		8-8-48	....	....	....	
Worcester, Mass. ....	31.3	15.00	1 1/2 2		* 8-8-48	....	25.0	12.00 * 8-8-48	

<sup>1</sup> Double time after midnight.<sup>2</sup> For Year's, Memorial, and Thanksgiving days, time and one-half.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> Full holiday on Saturdays.<sup>6</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Cylinder presses.....	17.7	8.50	1 1/2	2	8-8-48				
Platen presses (females)....	15.6	7.50	1 1/2	2	8-8-48				
Baltimore, Md.:									
Cylinder presses.....	29.2	14.00	1 1/2	2	* 8-8-48		25.0	12.00	
Platen presses.....	20.8	10.00	1 1/2	2	* 8-8-48		17.7	8.50	
Jacksonville, Fla.:									
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				
Richmond, Va. ....	25.0	12.00	1 1/2	1 1/2	8-8-48		20.8	10.00	
Washington, D. C.:									
Cylinder presses.....	31.3	15.00	1 1/2	2	* 8-8-48				
Platen presses.....	22.9	11.00	1 1/2	2	* 8-8-48				
<b>NORTH CENTRAL.</b>									
Chicago, Ill.:									
Cylinder presses or hand-feed folding machines....	38.5	18.50	* 1 1/2	2	* 8-8-48		36.5	17.50	
Cylinder presses less than 25 by 38 inches.....	29.2	14.00	* 1 1/2	2	* 8-8-48		27.1	13.00	
Cylinder presses, patent inside.....	38.5	18.50	* 1 1/2	2	* 8-8-48		37.5	18.00	
Colt and Universal presses.....	27.1	13.00	* 1 1/2	2	* 8-8-48		25.0	12.00	
2 automatic folding machines.....	47.9	23.00	* 1 1/2	2	* 8-8-48		45.8	22.00	
3 automatic folding machines.....	54.2	26.00	* 1 1/2	2	* 8-8-48		52.1	25.00	
Press assistants on single rotary presses, or 1 hand-feed folding machine, or single automatic or sheet feed rotary presses or 1 automatic folding machine or Cox Duplex Comet and Goss flat-bed presses or joggers.....	41.7	20.00	* 1 1/2	2	* 8-8-48		39.6	19.00	
Press assistants on 2-roll Cottrell 96-page rotary presses.....	44.8	21.50	* 1 1/2	2	* 8-8-48		41.7	20.00	
Press assistants on McKee 4-color presses, or oilers and assistants on 2-roll Cottrell 96-page, rotary presses.....	45.8	22.00	* 1 1/2	2	* 8-8-48		43.8	21.00	
Press assistants, tension men, 2-roll Cottrell, 96-page, rotary presses.....	49.0	23.50	* 1 1/2	2	* 8-8-48		46.9	22.50	
Platen presses.....	26.0	12.50	* 1 1/2	2	* 8-8-48		24.0	11.50	
Cincinnati, Ohio: Cylinder presses.....	33.3	16.00	1 1/2	2	8-8-48		30.2	14.50	
Cleveland, Ohio:									
Cylinder presses, automatic operator, 2-color presses.....	435.4	17.00	1 1/2	2	8-8-48				
Cylinder presses, 34 inches or under.....	527.1	13.00	1 1/2	2	8-8-48				

<sup>1</sup> Double time after midnight.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Double time, after 3 hours, Mondays to Fridays; on Saturdays after completion of 48-hour week.<sup>4</sup> Scale became 39.6 cents for married men, and 37.5 cents for single men, on June 1, 1917.<sup>5</sup> Scale became 31.3 cents for married men, and 29.2 cents for single men, on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.				Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Cleveland, Ohio—Concluded.										
Folder feeders, or cylinder presses over 34 inches.....	133.3	16.00	2 1/2	2	8-8-48					
Folder operators.....	39.6	19.00	2 1/2	2	8-8-48					
Lithographic presses.....	25.0	12.00	1 1/2	2	4 8-8-48					
Lithographic presses (females).....	20.8	10.00	1 1/2	2	4 8-8-48					
Platen presses.....	25.0	12.00	2 1/2	2	8-8-48					
Platen presses, Colt and Universal.....	27.1	13.00	2 1/2	2	8-8-48					
Press assistants, platen presses.....	30.2	14.50	2 1/2	2	8-8-48					
Columbus, Ohio.....	31.3	15.00	2 1/2	2	4 8-8-48					
Davenport, Iowa, and Rock Island and Moline, Ill.:										
Cylinder presses.....	33.3	16.00	1 1/2	2	8-8-48					
Platen presses.....	20.8	10.00	1 1/2	2	8-8-48					
Des Moines, Iowa:										
Press assistants, cylinder presses.....	32.3	15.50	1 1/2	2	8-8-48					
Press assistants, rotary or automatic.....	35.4	17.00	1 1/2	2	8-8-48					
Press assistants, folder operators.....	33.3	16.00	1 1/2	2	8-8-48					
Detroit, Mich.:										
Cylinder presses, over 62 inches.....	39.6	19.00	9 1/2	2	8 1/2-41-48	9	(10)	(10)	(10)	
Cylinder presses, less than 25 by 38 inches.....	31.3	15.00	9 1/2	2	8 1/2-41-48	12	27.1	13.00	8 1/2-41-48	
Cylinder presses, 25 by 38 inches and over.....	35.4	17.00	9 1/2	2	8 1/2-41-48	12	31.3	15.00	8 1/2-41-48	
Automatic Kelly presses.....	31.3	15.00	9 1/2	2	8 1/2-41-48	9	(10)	(10)	(10)	
Platen presses.....	29.2	14.00	9 1/2	2	8 1/2-41-48	12	25.0	12.00	8 1/2-41-48	
2-color feed rotaries or press assistants, 1 or 2 color.....	39.6	19.00	9 1/2	2	8 1/2-41-48	9	(10)	(10)	(10)	
Press assistants, 2-color and other double-enders presses.....	37.5	18.00	9 1/2	2	8 1/2-41-48	12	33.3	16.00	8 1/2-8 1/2-48	
Sterling sheet-feed rotary presses.....	41.7	20.00	9 1/2	2	8 1/2-41-48	12	37.5	18.00	8 1/2-41-48	
Lithographic presses.....	28.6	15.00	1 1/2	2	9 1/2-5-52 1/2	2	(10)	(10)	(10)	
Grand Rapids, Mich.: Cylinder presses.....	31.3	15.00	16 1/2	2	4 8-8-48	25.0	12.00	4 8-8-48		

<sup>1</sup> Scale became 37.5 cents for married men, and 35.4 cents for single men, on June 1, 1917.<sup>2</sup> Double time after midnight.<sup>3</sup> Scale became 43.8 cents for married men, and 41.7 cents for single men, on June 1, 1917.<sup>4</sup> Hours vary, but total 48 per week.<sup>5</sup> Scale became 29.2 cents for married men, and 27.1 cents for single men, on June 1, 1917.<sup>6</sup> Scale became 31.3 cents for married men, and 29.2 cents for single men, on June 1, 1917.<sup>7</sup> Scale became 34.4 cents for married men, and 32.3 cents for single men, on June 1, 1917.<sup>8</sup> Scale became 41.7 cents on Sept. 1, 1917.<sup>9</sup> Double time after 5 hours.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Scale became 33.3 cents on Sept. 1, 1917.<sup>12</sup> Scale became 37.5 cents on Sept. 1, 1917.<sup>13</sup> Scale became 31.3 cents on Sept. 1, 1917.<sup>14</sup> Scale became 39.6 cents on Sept. 1, 1917.<sup>15</sup> Scale became 43.8 cents on Sept. 1, 1917.<sup>16</sup> Double time after 10 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.								
Indianapolis, Ind.:								
Cylinder presses .....	134.5	16.56	2 1/2	2	8 -8 -48			
Pony presses .....	328.3	13.56	2 1/2	2	8 -8 -48			
Kansas City, Mo.:								
Cylinder presses, patent inside.....	37.5	18.00	4 1/2	2	8 -8 -48			
Pony presses.....	31.3	15.00	4 1/2	2	8 -8 -48			
Press assistants, cylinder presses, 24 by 36 inches, or over, or automatic-feed cylinder presses, or rotary presses.....	35.4	17.00	4 1/2	2	8 -8 -48			
Platen presses.....	22.9	11.00	4 1/2	2	5 8 -8 -48			
Milwaukee, Wis.:								
Cylinder presses, 25 by 38 inches or over, or automatic cylinder presses, or folding machine operators or press assistants and jogggers.....	734.9	16.75	8 1/2	2	5 8 -8 -48			
Cylinder presses, patent insides.....	38.0	18.25	8 1/2	2	5 8 -8 -48			
Folding machine operators.....	938.0	18.25	8 1/2	2	5 8 -8 -48			
Cylinder presses, less than 25 by 38 inches.....	1026.6	12.75	8 1/2	2	5 8 -8 -48			
Operating 2 automatic folding machines.....	1144.3	21.25	8 1/2	2	5 8 -8 -48			
Minneapolis, Minn.:								
Cylinder presses, all sizes .....	32.5	15.60	8 1/2	12 2	13 9 -4 -48	12	28.0	
Platen presses.....	28.0	13.44	8 1/2	12 2	13 9 -4 -48	12	25.0	
St. Louis, Mo.:								
Aluminograph, 2 color presses or offset presses.....	37.5	18.00	8 1/2	2	8 -8 -48			
Cylinder presses, 24 by 36 inches or over or lithographic presses over No. 2, or folding machines .....	35.4	17.00	8 1/2	2	8 -8 -48			
Cylinder presses, less than 24 by 36 inches or lithographic presses No. 2 and less.....	29.2	14.00	8 1/2	2	8 -8 -48			
Two automatic feeders on machines less than 24 by 36 inches.....	46.9	22.50	8 1/2	2	8 -8 -48			
Assistants, rotary web presses.....	45.8	22.00	8 1/2	2	8 -8 -48			

<sup>1</sup> Scale became 39.6 cents on Sept. 1, 1917.<sup>2</sup> Double time, after 10 p. m. Mondays to Fridays; after 5 p. m. on Saturday.<sup>3</sup> Scale became 33.3 cents on Sept. 1, 1917.<sup>4</sup> Double time after 9 p. m.<sup>5</sup> Hours vary, but total 48 per week.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> Scale became 37.5 cents on Aug. 1, 1917.<sup>8</sup> Double time after midnight.<sup>9</sup> Scale became 40.6 cents on Aug. 1, 1917.<sup>10</sup> Scale became 29.2 cents on Aug. 1, 1917.<sup>11</sup> Scale became 46.9 cents on Aug. 1, 1917.<sup>12</sup> For Sundays and Labor Day; for New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>13</sup> Hours total 49 per week, but 1 hour is paid for as overtime.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESS FEEDERS—Continued.

Geographical division and city.	May 15, 1917.					Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week;		Rate of wages—	Hours— Full day; Saturdays; Full week;	
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.			Per hour.		
<b>NORTH CENTRAL—concluded.</b>									
St. Paul, Minn.:									
Cylinder presses, over 36 inches, or folding machine, or joggers.....	Cents. 32.5	Dolls. 15.60	1 1/3	2	8 9 -4 -48	12	Cents. 30.0	Dolls. 14.40	
Cylinder presses, less than 38 inches.....	23.5	11.28	1 1/3	2	8 9 -4 -48	12	21.0	10.08	
Cylinder presses, double ender, over 38 inches....	34.6	16.60	1 1/3	2	8 9 -4 -48	12	32.1	15.40	
Press assistants, rotary presses.....	34.6	16.60	1 1/3	2	8 9 -4 -48	12	31.3	15.00	
Wichita, Kans.:									
Cylinder presses (commercial).....	31.3	15.00	4 1/2	2	8 -8 -48	.....	.....	.....	
Cylinder presses (ready print).....	31.3	15.00	4 1/2	2	8 -8 -48	.....	28.1	13.50	
Platen presses.....	25.0	12.00	4 1/2	2	8 -8 -48	.....	.....	.....	
Platen presses (females).....	20.8	10.00	4 1/2	2	8 -8 -48	.....	.....	.....	
<b>SOUTH CENTRAL.</b>									
Dallas, Tex.:									
Cylinder presses.....	33.3	16.00	1 1/3	2	8 -8 -48	.....	31.3	15.00	
Press assistants.....	31.3	15.00	1 1/2	2	8 -8 -48	.....	29.2	14.00	
Houston, Tex.: Cylinder Presses.....	31.3	15.00	1 1/2	2	8 -8 -48	.....	28.1	13.50	
Little Rock, Ark.:									
Cylinder presses.....	29.2	14.00	4 1/2	2	8 -8 -48	.....	27.1	13.00	
Platen presses.....	31.3	15.00	4 1/2	2	8 -8 -48	.....	18.8	9.00	
Louisville, Ky.:									
Cylinder presses.....	29.2	14.00	4 1/2	2	8 1/4 -4 -48	12	27.1	13.00	
Operating 1 automatic press.....	30.2	14.50	4 1/2	2	8 1/4 -4 -48	12	28.1	13.50	
Operating 2 automatic presses.....	34.4	16.50	4 1/2	2	8 1/4 -4 -48	12	32.3	15.50	
Platen presses.....	21.9	10.50	4 1/2	2	8 1/4 -4 -48	12	19.8	9.50	
Memphis, Tenn.: Cylinder presses.....	28.1	13.50	1 1/3	2	6 8 -8 -48	.....	27.1	13.00	
Nashville, Tenn.:									
Cylinder presses.....	27.1	13.00	1 1/3	2	8 -8 -48	.....	20.8	10.00	
Cylinder presses (females).....	20.8	10.00	1 1/3	2	8 -8 -48	.....	14.6	7.00	
Assistants, platen presses.....	22.9	11.00	1 1/2	2	8 -8 -48	.....	20.8	10.00	
New Orleans, La.: Cylinder presses.....	31.3	15.00	1 1/2	1 1/2	8 -8 -48	.....	.....	.....	
<b>WESTERN.</b>									
Butte, Mont.:									
Cylinder presses.....	37.5	18.00	1 1/3	2	8 -8 -48	.....	.....	.....	
Platen presses.....	28.1	13.50	1 1/2	2	8 -8 -48	.....	.....	.....	
Denver, Colo.:									
Cylinder presses.....	735.4	17.00	4 1/2	2	8 -8 -48	.....	.....	.....	
Lithographic presses.....	33.3	16.00	1 1/2	2	8 -8 -48	.....	.....	.....	

<sup>1</sup> Double time after 4 hours.<sup>2</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>3</sup> Hours total 49 per week, but 1 hour is paid for overtime.<sup>4</sup> Double time after midnight.<sup>5</sup> For Sundays, Labor Day, and Christmas; for New Year's Day, July 4, and Thanksgiving Day, time and one-half.<sup>6</sup> Hours vary, but total 48 per week.<sup>7</sup> Scale became 39.6 cents on Oct. 22, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESS FEEDERS—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>WESTERN—concluded.</b>									
Los Angeles, Cal.:	Cents.	Dolls.	<i>Regular rate multiplied by</i>			Cents.	Dolls.		
Cylinder presses.....	35.4	17.00	1 1/2	2	8 -8 -48				
Platen presses.....	29.2	14.00	1 1/2	2	8 -8 -48				
Universal presses.....	31.3	15.00	1 1/2	2	8 -8 -48				
Portland, Oreg.:									
Cylinder presses.....	34.4	16.50	1 1/2	2 2	8 -8 -48				
Platen presses.....	29.2	14.00	1 1/2	2 2	8 -8 -48				
Salt Lake City, Utah: Cylinder presses or lithographic presses.....	31.3	15.00	1 1/2	1 1/2	8 -8 -48				
San Francisco, Cal.:									
Cylinder presses, or litho- presses.....	34.4	16.50	1 1/2	1 1/2	8 -8 -48				
Platen presses.....	28.1	13.50	1 1/2	1 1/2	8 -8 -48				
Seattle, Wash.:									
Cylinder presses.....	35.4	17.00	1 1/2	1 1/2	8 -8 -48				
Platen presses.....	30.2	14.50	1 1/2	1 1/2	8 -8 -48				
Spokane, Wash.:									
Cylinder presses.....	34.4	16.50	1 1/2	2	8 -8 -48				
Colt's, Golding's, or Uni- versal presses.....	29.2	14.00	1 1/2	2	8 -8 -48				
Platen presses.....	28.1	13.50	1 1/2	2	8 -8 -48				

## PRESSMEN: Cylinder.

<b>NORTH ATLANTIC.</b>							
Boston, Mass.:							
Operating rotary presses....	59.4	28.50	1 1/2	2	8 1/2 -4 1/2 -48	12	
Operating 1 or 2 cylinder and platen presses.....	47.9	23.00	1 1/2	2	8 1/2 -4 1/2 -48	12	
Operating 1 perfecting press or 2-color press.....	50.0	24.00	1 1/2	2	8 1/2 -4 1/2 -48	12	
Bridgeport, Conn.:							
Operating 1 or 2 presses....	43.8	21.00	1 1/2	2	8 -8 -48	37.5	18.00
Operating duplex presses....	47.9	23.00	1 1/2	2	8 -8 -48	3	41.7
Operating web or 2-color presses.....	54.2	26.00	1 1/2	2	8 -8 -48	3	45.8
Operating press, with automatic feeder.....	41.7	20.00	1 1/2	2	8 -8 -48	3	42.1
Operating lithographic presses.....	45.8	22.00	1 1/2	2	8 -8 -48	3	37.5
Operating lithographic offset presses.....	57.3	27.50	1 1/2	2	8 -8 -48	3	48.00
Operating lithographic proving and transferring presses.....	52.1	25.00	1 1/2	2	8 -8 -48	3	48.00

<sup>1</sup> Double time after midnight.<sup>2</sup> For Sundays; for holidays, time and one-half.<sup>3</sup> 44 hours and \$19.25 per week, June to August, inclusive.<sup>4</sup> 44 hours and \$21.08 per week, June to August, inclusive.<sup>5</sup> 44 hours and \$23.53 per week, June to August, inclusive.<sup>6</sup> 44 hours and \$18.33 per week, June to August, inclusive.<sup>7</sup> Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH ATLANTIC—continued.										
Newark, N. J.:										
Operating 2-color web presses.....	Cents. 67.7	Dolls. 32.50			Regular rate multiplied by— $1\frac{1}{3}$	2	2 8 -8 -48			
Operating 1 or 2 presses.....	52.1	25.00			$1\frac{1}{3}$	2	2 8 -8 -48			
Operating 1 2-color press.....	54.2	26.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating 1 auto, 1 New Era, or 1 Harris press under 16 by 18.....	41.7	20.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic presses Nos. 2 and 3, or transmitters.....	45.8	22.00			$1\frac{1}{2}$	2	8 -8 -48			
Operating lithographic rotary single-color presses.....	56.3	27.00			$1\frac{1}{2}$	2	8 -8 -48			
Operating lithographic offset presses.....	62.5	30.00			$1\frac{1}{2}$	2	8 -8 -48			
Operating 1 3-color press.....	60.4	29.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating 2 automatic presses.....	45.8	22.00			$1\frac{1}{2}$	2	2 8 -8 -48			
New Haven, Conn.:										
Operating 1 or 2 presses.....	43.8	21.00			$3\frac{1}{3}$	2	2 8 -8 -48			
Operating offset presses.....	52.1	25.00			$3\frac{1}{2}$	2	2 8 -8 -48			
Operating 1 2-color, or 1 auto press.....	43.8	21.00			$3\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic rotary single-color presses.....	56.3	27.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic multicolor, or more than 2-color presses.....	83.3	40.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic multicolor, or 2-color presses.....	68.8	33.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic offset presses.....	62.5	30.00			$1\frac{1}{2}$	2	2 8 -8 -48			
Operating lithographic proving or transferring presses.....	45.8	22.00			$1\frac{1}{2}$	2	2 8 -8 -48			
New York, N. Y.:										
Operating 4 single, or 2 double Kidder presses.....	52.1	25.00			$3\frac{1}{2}$	2	2 8 -8 -48			
Operating 1 or 2 presses, 1 poster press 28 by 41 inches or over, 1 cylinder and 3 platen presses, second man on Cox duplex presses, 1 label press, 1 perfecting press, or 1 press with bronzing attachment.....	54.2	26.00			$3\frac{1}{2}$	2	2 8 -8 -48			
Operating 1 offset press, 1 Cox duplex press, or 1 multi web ticket press.....	62.5	30.00			$3\frac{1}{2}$	2	2 8 -8 -48			
Operating 1 sheet-feed rotary, 1 flat-bed 2-color press, 1 No. 22 2-color Harris press 28 by 42, or second man on web presses.....	58.3	28.00			$3\frac{1}{2}$	2	2 8 -8 -48			

<sup>1</sup> Double time after 10 p. m., Mondays to Fridays; after 6 p. m. on Saturdays.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Double time after 10 p. m.<sup>4</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—continued.</b>										
New York, N. Y.—Contd.										
Operating web single-roll 46 inches or over, web single-roll with color attachment, or men in charge of web presses 46 inches or under, or 3 or 4 color process presses 46 inches or under.....	Cents. 72.9	Dolls. 35.00	<i>Regular rate multiplied by—</i>		1 1½	2	2 8 -8 -48		Cents. Dols.	
Operating 3 or 4 color process web presses over 46 inches, or men in charge of double-roll web presses over 46 inches.....	77.1	37.00	1 1½	2			2 8 -8 -48			
Operating web magazine presses with 2 feeders and wire stitcher.....	78.1	37.50	1 1½	2			2 8 -8 -48			
Operating single-roll web presses, under 46 inches, or web rotary, roll 46 inches or under.....	68.8	33.00	1 1½	2			2 8 -8 -48			
In charge of double-roll web presses with color attachment.....	79.2	38.00	1 1½	2			2 8 -8 -48			
Operating 3 small cylinder presses.....	52.1	25.00	1 1½	2			2 8 -8 -48			
Operating double-sheet-feed rotary presses.....	68.8	33.00	1 1½	2			2 8 -8 -48			
Operating 3-color Sterling presses.....	66.7	32.00	1 1½	2			2 8 -8 -48			
Operating 4-color Sterling presses.....	75.0	36.00	1 1½	2			2 8 -8 -48			
Operating McKee or multi-color process presses.....	76.0	36.50	1 1½	2			2 8 -8 -48			
Operating Cartwright presses.....	45.8	22.00	1 1½	2			2 8 -8 -48			
Operating 1 2-color Harris press 15 by 18 inches.....	50.0	24.00	1 1½	2			2 8 -8 -48			
Operating 1 2-color Harris press 22 by 28 inches.....	54.2	26.00	1 1½	2			2 8 -8 -48			
Operating 2 2-color Harris presses 15 by 18 inches.....	56.3	27.00	1 1½	2			2 8 -8 -48			
Operating lithographic presses Nos. 3, 3½, 4, and 4½.....	50.0	24.00	1½	2			8 -8 -48			
Operating lithographic presses No. 5 or 5½.....	54.2	26.00	1½	2			8 -8 -48			
Operating lithographic single-color rotary presses.....	56.3	27.00	1½	2			8 -8 -48			
Operating lithographic poster presses.....	60.4	29.00	1½	2			8 -8 -48			
Operating lithographic offset or single-color rotary presses over 64 inches.....	62.5	30.00	1½	2			8 -8 -48			
Operating lithographic 2-color presses.....	68.8	33.00	1½	2			8 -8 -48			
Operating lithographic multicolor presses.....	83.3	40.00	1½	2			8 -8 -48			
Assistants, web brakemen and tension men.....	44.8	21.50	3 1½	2			2 8 -8 -48			
Assistants, web oilers and utility men.....	39.6	19.00	3 1½	2			2 8 -8 -48			

<sup>1</sup> Double time after 10 p. m.    <sup>2</sup> Hours vary, but total 48 per week.    <sup>3</sup> Double time after 5 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—continued.</b>										
Philadelphia, Pa. (competitive offices):					Regular rate multiplied by $1\frac{1}{2}$ $\frac{1}{2}$					
In charge of web presses...	Cents. 59.4	Dolls. 28.50			\$ 8 -8 -48	.....	Cents. 57.3	Dolls. 27.50	* 8 -8 -48	
In charge of 2-color flat-bed presses with automatic feeders.....	56.3	27.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	54.2	26.00	* 8 -8 -48	
Operating flat-bed perfecting presses with automatic feeders.....	54.2	26.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	52.1	25.00	* 8 -8 -48	
Operating flat-bed perfecting presses.....	50.0	24.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	47.9	23.00	* 8 -8 -48	
Operating 1 cylinder and 3 platen presses or 2 flat-bed presses.....	47.9	23.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	45.8	22.00	* 8 -8 -48	
Operating 1 or 2 presses with automatic feeders.....	52.1	25.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	50.0	24.00	* 8 -8 -48	
Operating 3 Harris presses.....	45.8	22.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	43.8	21.00	* 8 -8 -48	
Operating 2 Adams presses.....	41.7	20.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....	39.6	19.00	* 8 -8 -48	
Overlay cutters.....	43.8	21.00	$1\frac{1}{2}$	$\frac{1}{2}$	* 8 -8 -48	.....				
Philadelphia, Pa. (noncompetitive offices):										
In charge of rotary web presses with more than 1 printing roll 60 inches and over, or flat-sheet rotary, 4-color McKee presses double product, or rotary 7 or more color presses printing both sides of sheet.....	76.0	36.50	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	6 12				
In charge of flat-sheet rotary 4-color McKee presses, single product, or rotary web presses, 69 inches or over, or rotary web Cottrell presses, 46 inches.....	72.9	35.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	6 12				
In charge of rotary web presses, 46 inches, flat delivery, or rotary presses, 2 or more colors on one side of sheet.....	67.7	32.50	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12				
In charge of flat sheet rotary presses, color work.....	66.7	32.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12				
In charge of rotary web presses, 46 inches or under, or 2 flat-bed presses with automatic feeders, color work, or 4-color wet proving presses, or second pressman.....	62.5	30.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12				
Operating 2 flat-bed presses, without automatic feeders.....	52.1	25.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12				
Overlay and matrix cutters.....	50.0	24.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12	47.9	23.00	9 $\frac{1}{2}$ -0 -48	
In charge of intaglio presses.....	54.2	26.00	$4\frac{1}{2}$	2	9 $\frac{1}{2}$ -0 -48	5 12				

<sup>1</sup> Double time after midnight.<sup>2</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> Double time after 10 p. m.<sup>5</sup> Full holiday on Saturdays.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.								
Philadelphia, Pa. (noncompetitive offices)—Concild.								
Operating lithographic flat-bed presses No. 2 or 3, provers or transmitters.	Cents. 45.8	Dolls. 22.00	Regular rate multiplied by— $\frac{1}{2}$	2	1 8 -8 -48	Cents.	Dolls.	
Operating lithographic flat-bed presses, No. 3½ or 4½.	50.0	24.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic rotary or flat-bed presses, No. 5 or 5½.	52.1	25.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic offset presses, 28 by 34 inches.	56.3	27.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic offset presses, 28 by 42 to 34 by 44 inches.	62.5	30.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic offset presses, 38 by 52 inches, or 2-color rotary press.	72.9	35.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic offset presses, 44 by 64 inches.	83.3	40.00	$\frac{1}{2}$	2	1 8 -8 -48			
Pittsburgh, Pa.:								
Operating 2 presses, or 1 cylinder and 2 platen presses.	45.8	22.00	$2\frac{1}{2}$	2	1 8 -8 -48	43.8	21.00	
Operating 2 Harris automatic presses.	52.1	25.00	$2\frac{1}{2}$	2	1 8 -8 -48	46.9	22.50	
In charge of 2 cylinder and platen presses.	52.1	25.00	$2\frac{1}{2}$	2	1 8 -8 -48	50.0	24.00	
In charge of 3 cylinder and platen presses.	56.3	27.00	$2\frac{1}{2}$	2	1 8 -8 -48	54.2	26.00	
Operating lithographic flat-bed presses.	45.8	22.00	$\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographic offset presses.	52.1	25.00	$\frac{1}{2}$	2	1 8 -8 -48			
Providence, R. I.:								
Rochester, N. Y.:								
Operating 1 or 2 presses.	43.8	21.00	$3\frac{1}{2}$	2	1 8 -8 -48			
Operating lithographing transferring presses.	50.0	24.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic offset presses.	62.5	30.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic single rotary presses.	52.1	25.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic rotary 2-color presses.	62.5	30.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic rotary 3-color presses.	72.9	35.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic rotary 4-color presses.	83.3	40.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic rotary 5-color presses.	104.2	50.00	$\frac{1}{2}$	2	S -8 -48			
Operating lithographic proving presses.	54.2	26.00	$\frac{1}{2}$	2	8 -8 -48			

<sup>1</sup> Hours vary, but total 48 per week.<sup>2</sup> Double time after midnight, and on Saturday after 5 p. m.<sup>3</sup> Double time after midnight.<sup>4</sup> Scale became 45.8 cents on Nov. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week,		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC—concluded.										
Scranton, Pa.: Operating 1 2-color or 1 3-color press, or 1 or 2 2-color Harris presses.....	Cents. 52.1	Dolls. 25.00	Regular rate multiplied by— $\frac{1}{1\frac{1}{2}}$ 2		8 -8 -48		Cents. ....	Dolls. ....		
Operating 2 presses, or 1 or 2 Harris presses, or 2 automatic and 1 hand-feed press, or 1 press with automatic feeder.....	45.8	22.00	$\frac{1}{1\frac{1}{2}}$	2	8 -8 -48					
Springfield, Mass.....	41.7	20.00	$\frac{1}{1\frac{1}{2}}$	2	8 -8 -48					
Worcester, Mass.....	43.8	21.00	$\frac{1}{1\frac{1}{2}}$	2	8 -8 -48		37.5	18.00	8 -8 -48	
SOUTH ATLANTIC.										
Atlanta, Ga.: Operating 1 press.....	34.4	16.50	$1\frac{1}{2}$	2	8 -8 -48					
Operating 2 presses.....	37.5	18.00	$1\frac{1}{2}$	2	8 -8 -48					
Baltimore, Md.: Operating 1 or 2 presses....	43.8	21.00	$1\frac{1}{2}$	2	8 -8 -48		39.6	19.00	8 -8 -48	
Operating 1 or 2 single or 1 double-cylinder press, or 1 2-color press, or 1 single-cylinder and 2 platen presses, or 1 web rotary magazine press.....	50.0	24.00	$1\frac{1}{2}$	2	8 -8 -48		39.6	19.00	8 -8 -48	
Charleston, S. C.: Operating 1 or 2 presses.....	36.5	17.50	$1\frac{1}{2}$	2	8 -8 -48					
Jacksonville, Fla.: Operating 1 or 2 presses....	43.8	21.00	$1\frac{1}{2}$	2	8 -8 -48					
Operating Harris and automatic presses.....	41.7	20.00	$1\frac{1}{2}$	2	8 -8 -48					
In charge of cylinder and platen presses.....	52.1	25.00	$1\frac{1}{2}$	2	8 -8 -48					
Richmond, Va.: Operating 1 or 2 presses.....	33.3	16.00	$1\frac{1}{2}$	$1\frac{1}{2}$	8 -8 -48		29.2	14.00	8 -8 -48	
Washington, D. C.: Operating 1 or 2 presses, 68 inches or under.....	47.9	23.00	$5\frac{1}{2}$	2	8 -8 -48		41.7	20.00	8 -8 -48	
Operating 1 press over 68 inches.....	50.0	24.00	$5\frac{1}{2}$	2	8 -8 -48		41.7	20.00	8 -8 -48	
Operating 1 sheet-feed rotary, or 1 2-color press....	54.2	26.00	$5\frac{1}{2}$	2	8 -8 -48	(6)	(6)	(6)		
Operating 1 offset press....	58.3	28.00	$5\frac{1}{2}$	2	8 -8 -48	(6)	(6)	(6)		
Operating web book and magazine presses.....	62.5	30.00	$5\frac{1}{2}$	2	8 -8 -48		58.3	28.00	8 -8 -48	
Second man on web book and magazine presses.....	50.0	24.00	$5\frac{1}{2}$	2	8 -8 -48		45.8	22.00	8 -8 -48	
Third man on web book and magazine presses.....	47.9	23.00	$5\frac{1}{2}$	2	8 -8 -48		41.7	20.00	8 -8 -48	
Operating lithographic flat-bed press No. 2.....	45.8	22.00	$1\frac{1}{2}$	2	8 -8 -48					
Operating lithographic rotary presses 32 by 48 inches.....	56.3	27.00	$1\frac{1}{2}$	2	8 -8 -48					

<sup>1</sup> Double time after midnight.<sup>2</sup> Double time after 10 p. m.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> For Sundays; for holidays, regular rate.<sup>5</sup> Double time after 10 p. m., Mondays to Fridays; after 6 p. m. on Saturdays.<sup>6</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Cylinder—Continued.

Geographical division and city	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>SOUTH ATLANTIC—concluded.</b>										
Washington, D. C.—Concl'd.										
Operating lithographic rotary presses 40 by 64 inches or offset presses.....	Cents. 62.5	Dolls. 30.00	Regular rate multiplied by- $\frac{1}{2}$ 2		8 - 8 - 48		Cents.	Dolls.		
Operating lithographic transferring presses.....	50.0	24.00	$\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic proving presses.....	45.8	22.00	$\frac{1}{2}$	2	8 - 8 - 48					
<b>NORTH CENTRAL</b>										
Chicago, Ill.: Operating 2 single, 1 double or 2 automatic presses, 1 2-color Harris press, 1 multicolor ticket or 2 Kidder ticket presses, 3 patent inside blank presses, 1 press larger than 28 by 42 inches, and 3 platen presses.....	54.2	26.00	$\frac{1}{2}$	2	* 8 - 8 - 48		52.1	25.00	* 8 - 8 - 48	
Operating 1 single roll rotary web press.....	59.4	28.50	$\frac{1}{2}$	2	* 8 - 8 - 48		56.3	27.00	* 8 - 8 - 48	
Operating 1 Goss flat-bed, 1 Cox duplex, or 3-color process presses.....	61.5	29.50	$\frac{1}{2}$	2	* 8 - 8 - 48		59.4	28.50	* 8 - 8 - 48	
Operating 1 double-cylinder sheet-feed rotary press.....	60.4	29.00	$\frac{1}{2}$	2	* 8 - 8 - 48		59.4	28.50	* 8 - 8 - 48	
Operating 1 press not larger than 28 by 42 inches and 3 platen presses.....	47.9	23.00	$\frac{1}{2}$	2	* 8 - 8 - 48		45.8	22.00	* 8 - 8 - 48	
Operating 2-roll magazine rotary press, second man, in charge of 2-roll magazine rotary press, or on 2-roll, Cottrell, 96-page press.....	58.3	28.00	$\frac{1}{2}$	2	* 8 - 8 - 48		54.2	26.00	* 8 - 8 - 48	
Operating 2 Kelly, 2 Osterlund, 2 Stakes & Smith's auto presses, 1 press with Upham attachment, or 1 double flat-bed 2-color press.....	64.6	31.00	$\frac{1}{2}$	2	* 8 - 8 - 48					
Operating 1 double-roll rotary press, or one 2-color rotary press.....	54.2	26.00	$\frac{1}{2}$	2	* 8 - 8 - 48		(*)	(*)	(*)	
Operating 3 or more color rotary presses.....	64.6	31.00	$\frac{1}{2}$	2	* 8 - 8 - 48		61.5	29.50	* 8 - 8 - 48	
Operating 2-roll Cottrell rotary, or McKee 4-color presses.....	67.7	32.50	$\frac{1}{2}$	2	* 8 - 8 - 48		61.5	29.50	* 8 - 8 - 48	
Operating one 2-color Hoe rotary press over 57 inches, or 1-roll Hoe rotary magazine press with stitcher and cross-feeder attachment.....	77.1	37.00	$\frac{1}{2}$	2	* 8 - 8 - 48		75.0	36.00	* 8 - 8 - 48	
	77.1	37.00	$\frac{1}{2}$	2	* 8 - 8 - 48		(*)	(*)	(*)	

<sup>1</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week;		Per hour	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<b>NORTH CENTRAL—continued.</b>										
Chicago, Ill.—Concluded.										
Operating 1 or 2 color double impression, 2 sheets to 1 cylinder.....	62.5	30.00	1 1/2	2	2 8 - 8 - 48	.....	(*)	(*)	(*)	
Operating 1 3-color Kidder press.....	61.5	29.50	1 1/2	2	2 8 - 8 - 48	.....	(*)	(*)	(*)	
Operating 1 2-color Kidder press.....	59.4	28.50	1 1/2	2	2 8 - 8 - 48	.....	(*)	(*)	(*)	
Operating lithographing proving or transferring presses, or stone presses Nos. 2 and 3.....	45.8	22.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic offset presses.....	54.2	26.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic stone presses Nos. 3 and 5 1/2.....	56.3	27.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic rotary presses, or offset presses 28 by 34 inches.....	58.3	28.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic 2-color press.....	66.7	32.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic offset presses 28 by 52 inches.....	72.9	35.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Operating lithographic offset presses 44 by 64 inches.....	83.3	40.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	
Cincinnati, Ohio:										
Operating 1 rotary web press, first position.....	59.9	28.75	1 1/2	2	8 - 8 - 48	.....	58.3	28.00	8 - 8 - 48	
Operating 1 double cylinder or 2-color press, over 53 inches.....	57.8	27.75	1 1/2	2	8 - 8 - 48	.....	54.2	26.00	8 - 8 - 48	
Operating 4 bag presses.....	55.7	26.75	1 1/2	2	8 - 8 - 48	.....	52.1	25.00	8 - 8 - 48	
Operating 2 single presses, over 53 inches.....	54.7	26.25	1 1/2	2	8 - 8 - 48	.....	47.9	23.00	8 - 8 - 48	
Operating 1 perfecting press or 2 single-roll presses under 53 inches, or 1 cylinder and 3 platen presses.....	47.4	22.75	1 1/2	2	8 - 8 - 48	.....	45.8	22.00	8 - 8 - 48	
Operating 1 single color Harris press.....	38.0	18.25	1 1/2	2	8 - 8 - 48	.....	35.4	17.00	8 - 8 - 48	
Operating 1 2-color Harris press.....	43.2	20.75	1 1/2	2	8 - 8 - 48	.....	39.6	19.00	8 - 8 - 48	
Operating 1 double-cylinder or 2-color press under 53 inches.....	54.7	26.25	1 1/2	2	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48	
Operating lithographic presses.....	45.8	22.00	1 1/2	2	8 1/4 - 41 - 48	12	.....	.....	.....	

<sup>1</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> No scale in effect on May 15, 1916.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH CENTRAL—continued.</b>										
Cleveland, Ohio:										
Operating 1 or 2 presses, pony presses 24 by 36 inches or under.....	43.8	21.00			Regular rate multiplied by $\frac{1}{1\frac{1}{2}}$	2	8-8-48	.....	Cents. Dollars.	
Operating 1 flat-bed press, or 1 rotary press, or 1 2-color press.....	47.9	23.00	1 $\frac{1}{2}$	2	8-8-48	.....	45.8	22.00	8-8-48	
Assistants on patent insides.....	38.5	18.50	1 $\frac{1}{2}$	2	8-8-48	.....	36.5	17.50	8-8-48	
Operating lithographic presses Nos. 3 and 3½.....	50.0	24.00	1 $\frac{1}{2}$	2	28-8-48	.....				
Operating lithographic presses Nos. 4 and 4½.....	52.1	25.00	1 $\frac{1}{2}$	2	28-8-48	.....				
Operating lithographic presses Nos. 5 and 5½.....	54.2	26.00	1 $\frac{1}{2}$	2	28-8-48	.....				
Operating lithographic rotary presses.....	57.3	27.50	1 $\frac{1}{2}$	2	28-8-48	.....				
Operating lithographic offset presses.....	62.5	30.00	1 $\frac{1}{2}$	2	28-8-48	.....				
Operating lithographic transferring presses.....	58.3	28.00	1 $\frac{1}{2}$	2	28-8-48	.....				
Columbus, Ohio:										
Operating 12-cylinder press.....	42.7	20.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	28-8-48	.....				
Operating 1 cylinder and 2 platen presses.....	44.8	21.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	28-8-48	.....				
Davenport, Iowa, Moline and Rock Island, Ill.:										
Operating 1 press.....	43.8	21.00	1 $\frac{1}{2}$	2	8-8-48	.....	41.7	20.00	8-8-48	
Operating 1 cylinder and 2 platen presses, or 2 cylinder presses.....	49.0	23.50	1 $\frac{1}{2}$	2	8-8-48	.....	46.9	22.50	8-8-48	
Des Moines, Iowa:										
Operating cylinder presses.....	43.8	21.00	1 $\frac{1}{2}$	2	8-8-48	.....				
Operating rotary presses.....	47.9	23.00	1 $\frac{1}{2}$	2	8-8-48	.....				
Detroit, Mich.:										
Operating 2 presses.....	47.9	23.00	6 $\frac{1}{2}$	2	8½-41-48	12	43.8	21.00	8½-41-48	
Operating 1 3-color Sterling press.....	58.3	28.00	6 $\frac{1}{2}$	2	8½-41-48	12				
Operating 1 2-color Sterling press or 1 double-cylinder, or 1 2-color press.....	50.0	24.00	6 $\frac{1}{2}$	2	8½-41-48	9	(*)	(*)	(*)	
Operating 1 Standard press.....	37.5	18.00	6 $\frac{1}{2}$	2	8½-41-48	9	(*)	(*)	(*)	
Operating 1 Kelly, 1 auto, or 1 Harris press.....	41.7	20.00	6 $\frac{1}{2}$	2	8½-41-48	9	(*)	(*)	(*)	
Operating 1 double-roll rotary press.....	52.1	25.00	6 $\frac{1}{2}$	2	8½-41-48	9	(*)	(*)	(*)	
Assistants on color presses.....	45.8	22.00	6 $\frac{1}{2}$	2	8½-41-48	9	(*)	(*)	(*)	
Operating lithographic presses Nos. 3½ and 4½, shops A.....	45.7	24.00	1 $\frac{1}{2}$	2	9½-5-52½	2	(*)	(*)	(*)	
Operating lithographic presses Nos. 3½ and 4½, shops B.....	50.0	24.00	1 $\frac{1}{2}$	2	8½-41-48	2	(*)	(*)	(*)	

<sup>1</sup> Double time after midnight.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Scale became 49 cents on June 1, 1917.<sup>4</sup> Scale became 51 cents on June 1, 1917.<sup>5</sup> Scale became 50 cents on Sept. 1, 1917.<sup>6</sup> Double time after 5 hours.<sup>7</sup> Scale became 60.4 cents on Sept. 1, 1917.<sup>8</sup> Scale became 52.1 cents on Sept. 1, 1917.<sup>9</sup> No scale in effect on May 15, 1916.<sup>10</sup> Scale became 39.6 cents on Sept. 1, 1917.<sup>11</sup> Scale became 43.8 cents on Sept. 1, 1917.<sup>12</sup> Scale became 54.2 cents on Sept. 1, 1917.<sup>13</sup> Scale became 47.9 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week.	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.			
	Rate of wages—						Per hour.	Rate of wages—		
	Per hour.	Per full time.	For over- time.	For Sun- days and holi- days.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—continued.</b>										
Detroit, Mich.—Concluded.										
Operating lithographic offset press, 19 by 25 inches.....	Cents. 52.1	Dolls. 25.00		Regular rate multiplied by— $\frac{1}{2}$ 2	8 $\frac{1}{2}$ -41-48	2	Cents. (1)	Dolls. (1)		
Operating lithographic offset press, 20 by 30 inches.....	54.2	26.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ -41-48	2	(1)	(1)		
Operating lithographic offset press, 28 by 42 inches.....	57.1	30.00	1 $\frac{1}{2}$	2	9 $\frac{1}{2}$ -5-52 $\frac{1}{2}$	12	(1)	(1)		
Operating lithographic transferring presses, shops A.....	47.6	25.00	1 $\frac{1}{2}$	2	9 $\frac{1}{2}$ -5-52 $\frac{1}{2}$	12	41.9	22.00		
Operating lithographic transferring presses, shops B.....	52.1	25.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ -41-48	12	45.8	22.00		
Operating lithographic proving presses.....	52.1	25.00	1 $\frac{1}{2}$	2	8 $\frac{1}{2}$ -41-48	12	49.0	23.50		
Grand Rapids, Mich.....	43.8	21.00	2 $\frac{1}{2}$	2	8 $\frac{1}{2}$ -8-48	.....	37.5	18.00		
Indianapolis, Ind.....										
Operating 1 or 2 cylinder, or 1 auto press.....	47.5	22.80	6 1 $\frac{1}{2}$	2	8-8-48	.....				
Operating 1 rotary web press.....	6 54.8	26.30	6 1 $\frac{1}{2}$	2	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.....	43.8	21.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	41.7	20.00		
Operating 1 press, 38 by 56 inches or under.....	45.8	22.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	43.8	21.00		
Operating 1 press, 24 by 36 inches or under and 2 platen presses.....	47.9	23.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	45.8	22.00		
In charge of 2 or more presses.....	56.3	27.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	54.2	26.00		
Operating 1 press, 38 by 56 inches, or 2-color press or double-endor press, or 2 presses under a foreman.....	50.0	24.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	47.9	23.00		
Operating 1 double-roll rotary press.....	55.2	26.50	7 1 $\frac{1}{2}$	2	8-8-48	.....	53.1	25.50		
Operating 2 presses, 24 by 36 inches or under.....	55.3	27.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	47.9	23.00		
Operating 1 press, over 24 by 36 inches, and 2 platen presses.....	56.3	27.00	7 1 $\frac{1}{2}$	2	8-8-48	.....	(1)	(1)		
Operating lithographic rotary, or offset or stone bed, or transferring presses.....	45.8	22.00	1 $\frac{1}{2}$	2	8-8-48	.....				

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> Double time after 10 p. m.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> Scale became 52.1 cents on Sept. 1, 1917.<sup>5</sup> Double time after 10 p. m., Mondays to Fridays; after 5 p. m. on Saturdays.<sup>6</sup> Scale became 59.4 cents on Sept. 1, 1917.<sup>7</sup> Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—continued.									
Milwaukee, Wis.:									
Operating 2 presses or 3 patent inside blanket presses.....	Cents. 50.0	Dolls. 24.00	Regular rate multiplied by— $1 \frac{1}{2}$	2	8 -8 -48	Cents. 47.9	Dolls. 23.00	* 8 -8 -48	
Operating lithographic presses, 24 by 36 inches....	41.7	20.00	$1 \frac{1}{2}$	2	8 -8 -48				
Operating lithographic presses, 29 by 43, or 33 by 50 inches.....	45.8	22.00	$1 \frac{1}{2}$	2	8 -8 -48				
Operating lithographic rotary presses, 29 by 41, or 41 by 63 inches, or offset presses.....	52.1	25.00	$1 \frac{1}{2}$	2	8 -8 -48				
Operating lithographic, 2-color, rotary presses.....	62.5	30.00	$1 \frac{1}{2}$	2	8 -8 -48				
Minneapolis, Minn.:									
Operating 1 or 2 presses....	45.0	21.60	$1 \frac{1}{2}$	$\frac{3}{2}$	* 9 -4 -48	12	42.5	20.40	
Operating 3 presses.....	50.0	24.00	$1 \frac{1}{2}$	$\frac{3}{2}$	* 9 -4 -48	12	47.5	22.80	
Omaha, Neb.: Operating 1 or 2 presses.....	41.7	20.00	$5 \frac{1}{2}$	$1 \frac{1}{2}$	8 -8 -48	37.5	18.00	8 -8 -48	
Peoria, Ill.:									
Operating 1 cylinder and 2 platen presses, or man in charge of 2 cylinder presses.....	6 39.6	19.00	$1 \frac{1}{2}$	2	8 -8 -48	37.5	18.00	8 -8 -48	
In charge of 3 presses.....	7 43.8	21.00	$1 \frac{1}{2}$	2	8 -8 -48	41.7	20.00	8 -8 -48	
In charge of 4 presses.....	8 47.9	23.00	$1 \frac{1}{2}$	2	8 -8 -48	45.8	22.00	8 -8 -48	
In charge of more than 4 presses.....	9 54.2	26.00	$1 \frac{1}{2}$	2	8 -8 -48	52.1	25.00	8 -8 -48	
St. Louis, Mo.:									
Operating 1 press.....	39.6	19.00	$1 \frac{1}{2}$	2	8 -8 -48	37.5	18.00	8 -8 -48	
Operating 2 presses under 24 by 36 inches, or 1 press under 24 by 36 inches and 2 platen presses, or 1 single Harris press 15 by 18 inches, or 1 cylinder press under 24 by 36 inches and 1 platen press with automatic feeder, or 1 auto press.....	43.8	21.00	$1 \frac{1}{2}$	2	8 -8 -48	41.7	20.00	8 -8 -48	
Operating 1 press over 24 by 36 inches and 1 or 2 platen presses, or 1 press over 24 by 36 inches and 1 press with automatic feeder, or 1 auto press or 2 platen presses.....	47.9	23.00	$1 \frac{1}{2}$	2	8 -8 -48	45.8	22.00	8 -8 -48	
Operating 1 Harris press, 15 by 18 inches or under, and 2 platen presses.....	49.0	23.50	$1 \frac{1}{2}$	2	8 -8 -48	46.9	22.50	8 -8 -48	

<sup>1</sup> Double time after midnight.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> For New Year's, Memorial, and Thanksgiving days, time and one-half.<sup>4</sup> Hours total 49 per week, but 1 hour is paid for as overtime.<sup>5</sup> Double time after midnight, Mondays to Fridays; after 5 p. m. on Saturdays.<sup>6</sup> Scale became 41.7 cents on Sept. 1, 1917.<sup>7</sup> Scale became 45.8 cents on Sept. 1, 1917.<sup>8</sup> Scale became 50 cents on Sept. 1, 1917.<sup>9</sup> Scale became 56.3 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: BOOK AND JOB—Continued.  
PRESSMEN; Cylinder—Continued.

Geographical division and city.	May 15, 1917.						Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.	Per hour.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—continued.										
St. Louis, Mo.—Concluded.										
Operating 1 double rotary press, second position, or 1 press over 68 inches, or 1 double-roll perfecting press, or 2 presses over 24 by 36 inches, or 1 press under 24 by 36 inches, and 1 automatic press or 1 2-color press, or 1 2-color Harris press 15 by 18 inches or under, or 2 single Harris presses 15 by 18 inches or under, or 1 press over 24 by 36 inches, or 1 single Harris press 15 by 18 inches or under.....	Cents. 51.0	Dolls. 24.50	1 1½	2	8 -8 -48	.....	Cents. 49.0	Dolls. 23.50	8 -8 -48	
Operating 1 single or double roll rotary press.....	57.3	27.50	1 1½	2	8 -8 -48	.....	55.2	26.50	8 -8 -48	
Operating 1 press over 24 by 36 inches and 1 auto press, or 1 2-color Harris press over 15 by 18 inches, or 2 auto presses.....	56.3	27.00	1 1½	2	8 -8 -48	.....	54.2	26.00	8 -8 -48	
Operating lithographic offset press, 20 by 30 inches.....	54.2	26.00	1 1½	2	8 -8 -48	.....	58.3	28.00	8 -8 -48	
Operating lithographic offset press, 28 by 34 inches.....	62.5	30.00	1 1½	2	8 -8 -48	.....				
Operating lithographic offset press, 34 by 48 inches.....	66.7	32.00	1 1½	2	8 -8 -48	.....				
Operating lithographic stone bed presses, Nos. 2 and 3.....	45.8	22.00	1 1½	2	8 -8 -48	.....				
Operating lithographic stone-bed presses, Nos. 3½ and 5.....	56.3	27.00	1 1½	2	8 -8 -48	.....				
Operating lithographic transferring presses.....	52.1	25.00	1 1½	2	8 -8 -48	.....				
St. Paul, Minn.:										
In charge of triple rotary presses.....	62.5	30.00	2 1½	3 2	4 9 -4 -48	12	60.4	29.00	4 9 -4 -48	
In charge of double rotary presses.....	56.3	27.00	2 1½	3 2	4 9 -4 -48	12	54.2	26.00	4 9 -4 -48	
In charge of single rotary presses.....	52.1	25.00	2 1½	3 2	4 9 -4 -48	12	50.0	24.00	4 9 -4 -48	
Operating 2 single presses.....	45.8	22.00	2 1½	3 2	4 9 -4 -48	12	43.8	21.00	4 9 -4 -48	
Operating 1 single and 1 double press.....	51.0	24.50	2 1½	3 2	4 9 -4 -48	12	49.0	23.50	4 9 -4 -48	
Operating lithographic stone bed or offset presses.....	52.1	25.00	1½	2	\$3 4½ -48	12				
Operating lithographic 2-color presses.....	72.9	35.00	1½	2	\$3 4½ -48	12				
Operating lithographic transferring or proving presses.....	47.9	23.00	1½	2	\$3 4½ -48	12				

<sup>1</sup> Double time after midnight.<sup>2</sup> Double time after 4 hours.<sup>3</sup> For Thanksgiving and Memorial days, time and one-half.<sup>4</sup> Hours total 49 per week, but 1 hour is paid for as overtime.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	Hours— Full day; Saturdays; Full week.	
NORTH CENTRAL—concluded.										
Wichita, Kans.: In charge of presses.....	Cents. 50.0	Dolls. 24.00	Regular rate multiplied by $\frac{1}{1\frac{1}{2}}$	2	8 - 8 - 48		Cents. ....	Dolls. ....		
SOUTH CENTRAL.										
Birmingham, Ala.:										
In charge of 2 presses.....	53.1	25.50	2 1 $\frac{1}{2}$	2	8 - 8 - 48		50.0	24.00	8 - 8 - 48	
In charge of 1 or more presses.....	50.0	24.00	2 1 $\frac{1}{2}$	2	8 - 8 - 48		45.8	22.00	8 - 8 - 48	
Operating 1 press.....	36.5	17.50	2 1 $\frac{1}{2}$	2	8 - 8 - 48		33.3	16.00	8 - 8 - 48	
Operating 2 presses.....	44.8	21.50	2 1 $\frac{1}{2}$	2	8 - 8 - 48		40.6	19.50	8 - 8 - 48	
In charge of 3 or more presses.....	57.3	27.50	2 1 $\frac{1}{2}$	2	8 - 8 - 48		(*)	(*)	(*)	
Dallas, Tex.:										
In charge of 2 or more presses.....	57.3	27.50	1 $\frac{1}{2}$	2	8 - 8 - 48					
Operating 1 cylinder and 2 platen presses.....	52.1	25.00	1 $\frac{1}{2}$	2	8 - 8 - 48					
Houston, Tex.:										
Assistants.....	39.6	19.00	1 $\frac{1}{2}$	2	8 - 8 - 48		36.5	17.50	8 - 8 - 48	
In charge of 2 or 3 presses.....	52.1	25.00	1 $\frac{1}{2}$	2	8 - 8 - 48		49.0	23.50	8 - 8 - 48	
In charge of 4 or more presses.....	52.1	25.00	1 $\frac{1}{2}$	2	8 - 8 - 48					
In charge of 1 cylinder and 1 or 2 platen presses.....	52.1	25.00	1 $\frac{1}{2}$	2	8 - 8 - 48		45.8	22.00	8 - 8 - 48	
Operating 4 presses.....	46.9	22.50	1 $\frac{1}{2}$	2	8 - 8 - 48		43.8	21.00	8 - 8 - 48	
Little Rock, Ark.:										
Operating 2 presses.....	42.7	20.50	1 1 $\frac{1}{2}$	2	8 - 8 - 48		40.6	19.50	8 - 8 - 48	
Operating 1 cylinder and 1 platen press.....	42.7	20.50	1 1 $\frac{1}{2}$	2	8 - 8 - 48		38.5	18.50	8 - 8 - 48	
Louisville, Ky.:										
Operating 1 cylinder, 2 platen, and 1 pony press.....	36.5	17.50	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	34.4	16.50	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	
Operating 2 presses, 1 with automatic feeder.....	44.8	21.50	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	42.7	20.50	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	
Operating 3 presses with automatic feeders.....	47.9	23.00	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	42.7	20.50	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	
Operating 1 cylinder press over 25 by 38 inches and 2 platen presses.....	39.6	19.00	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	37.5	18.00	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	
Operating 2 presses.....	42.7	20.50	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	40.6	19.50	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	
Operating 1 Harris and 1 Kidder press.....	39.6	19.00	1 1 $\frac{1}{2}$	2	8 $\frac{1}{4}$ -4 $\frac{1}{4}$ -48	12	(*)	(*)	(*)	
Memphis, Tenn.:										
Operating 1 press.....	34.4	16.50	1 $\frac{1}{2}$	2	8 - 8 - 48					
Operating 2 presses.....	43.8	21.00	1 $\frac{1}{2}$	2	8 - 8 - 48					
In charge of 2 presses.....	47.9	23.00	1 $\frac{1}{2}$	2	8 - 8 - 48					
Nashville, Tenn.:										
Operating 2 presses.....	41.7	20.00	1 $\frac{1}{2}$	2	8 - 8 - 48		35.4	17.00	8 - 8 - 48	
In charge of 2 presses.....	43.8	21.00	1 $\frac{1}{2}$	2	8 - 8 - 48		35.4	17.00	8 - 8 - 48	
In charge of rotary press.....	62.5	30.00	1 $\frac{1}{2}$	2	8 - 8 - 48					
New Orleans, La.:										
Operating 1 or 2 presses, or cylinder, platen, and auto press.....	40.6	19.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 - 48					

<sup>1</sup> Double time after midnight.<sup>2</sup> Time and one-half after 1 hour.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> No scale in effect on May 15, 1916.<sup>5</sup> For Sundays, Labor Day, and Christmas; for New Year's Day, July 4, and Thanksgiving Day, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Cylinder—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
<b>WESTERN.</b>										
Butte, Mont.: Operating presses.....	Cents. 62.5	Dolls. 30.00	<i>Regular rate multiplied by—</i>		8 - 8 - 48		Cents.	Dolls.		
Denver, Colo.:			$1\frac{1}{4}$	2						
In charge of 5 or more presses.....	62.5	30.00	$2\frac{1}{2}$	2	8 - 8 - 48					
In charge of 1 to 4 presses.....	58.3	28.00	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating 1 or 2 presses.....	54.2	26.00	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic offset presses.....	62.5	30.00	$1\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic stone-bed presses Nos. 2, 3, 3½, 4, 4½.....	52.1	25.00	$1\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic stone-bed presses Nos. 5 and 5½.....	58.3	28.00	$1\frac{1}{2}$	2	8 - 8 - 48					
Los Angeles, Cal.:										
In charge of presses.....	55.2	26.50	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating 1 or 2 presses, or 1 cylinder and 2 platen presses.....	46.9	22.50	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating 1 Cox, or Goss flat-bed press.....	52.1	25.00	$2\frac{1}{2}$	2	8 - 8 - 48					
Portland, Oreg.:										
In charge of 1 cylinder and platen press.....	46.9	22.50	$1\frac{1}{2}$	$\frac{3}{2}$	8 - 8 - 48					
In charge of 2 cylinder and platen presses.....	56.3	27.00	$1\frac{1}{2}$	$\frac{3}{2}$	8 - 8 - 48					
Operating 1 or 2 presses.....	46.9	22.50	$1\frac{1}{2}$	$\frac{3}{2}$	8 - 8 - 48					
Operating lithographic presses.....	56.3	27.00	$1\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Operating lithographic transferring presses.....	50.0	24.00	$1\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Salt Lake City, Utah:										
In charge of 2 or more presses.....	56.3	27.00	$2\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
In charge of 1 press under 64 inches.....	53.1	25.50	$2\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Operating 1 or 2 presses, or 1 cylinder and 2 platen presses.....	50.0	24.00	$2\frac{1}{2}$	$1\frac{1}{2}$	8 - 8 - 48					
Operating lithographic presses Nos. 2, 3, 3½, 4, and 4½.....	52.1	25.00	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic offset presses.....	62.5	30.00	$2\frac{1}{2}$	2	8 - 8 - 48					
Operating lithographic 2-color presses.....	72.9	35.00	$2\frac{1}{2}$	2	8 - 8 - 48					
San Francisco, Cal.:										
Operating 1 press, 1 ticket press, 1 auto or 2 embossing presses.....	50.0	24.00	$1\frac{1}{2}$	$4\frac{1}{2}$	8 - 8 - 48					
Operating 2 presses, or 1 cylinder and 2 platen presses, or 1 2-color perfecting press, or second position on magazine rotary press, or foremen in charge of 1 cylinder and 2 platen presses.....	56.3	27.00	$1\frac{1}{2}$	$4\frac{1}{2}$	8 - 8 - 48					

<sup>1</sup> Double time after 4 hours, Mondays to Fridays; after 5 p. m. on Saturdays.<sup>2</sup> Double time after midnight.<sup>3</sup> For Sundays; for holidays, time and one-half.<sup>4</sup> Double time on Labor Day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Cylinder—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>WESTERN—concluded.</b>									
San Francisco, Cal.—Concl'd.									
Operating cylinder or Cox duplex presses.....	Cents. 62.5	Dolls. 30.00		Regular rate multiplied by— $\frac{1}{2}$ $1\frac{1}{2}$	8 - 8 - 48		Cents. ....	Dolls. ....	
Operating magazine rotary press, first position.....	72.9	35.00		$1\frac{1}{2}$ $1\frac{1}{2}$	8 - 8 - 48		....	....	
Seattle, Wash.: In charge of cylinder presses.....	56.3	27.00		$1\frac{1}{2}$ $1\frac{1}{2}$	8 - 8 - 48		....	....	
Operating 1 or 2 presses.....	51.0	24.50		$1\frac{1}{2}$ $1\frac{1}{2}$	8 - 8 - 48		....	....	
Spokane, Wash.: Operating 1 press.....	43.8	21.00		$2\frac{1}{2}$ 2	8 - 8 - 48		....	....	
Operating 1 or more presses.....	50.0	24.00		$2\frac{1}{2}$ 2	8 - 8 - 48		....	....	
In charge of 1 cylinder and 3 platen presses.....	52.1	25.00		$2\frac{1}{2}$ 2	8 - 8 - 48		....	....	
In charge of 2 or more presses.....	57.3	27.50		$2\frac{1}{2}$ 2	8 - 8 - 48		....	....	

## PRESSMEN: Platen.

NORTH ATLANTIC.								
Boston, Mass.: Operating 1 or 2 presses....	37.5	18.00	$2\frac{1}{2}$	2	8 $\frac{1}{2}$ -41-48	12	....	....
Operating Harris, Kidder, Falcon, or automatic presses.....	41.7	20.00	$2\frac{1}{2}$	2	8 $\frac{1}{2}$ -41-48	12	....	....
Bridgeport, Conn.: Operating 1 or 2 presses....	37.5	18.00	$1\frac{1}{2}$	2	8 - 8 - 48	....	31.3	15.00
Operating 3 or 4 presses....	39.6	19.00	$1\frac{1}{2}$	2	8 - 8 - 48	....	31.3	15.00
Assistants, more than 4 presses.....	31.3	15.00	$1\frac{1}{2}$	2	8 - 8 - 48	....	....	8 - 8 - 48
Buffalo, N. Y.....	33.3	16.00	$2\frac{1}{2}$	2	8 - 8 - 48	3	31.3	15.00
Newark, N. J.: Operating 1 or 2 presses....	35.4	17.00	$4\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 3 or 4 presses....	39.6	19.00	$4\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 5 or 6 presses....	43.8	21.00	$4\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
New Haven, Conn.: Operating 1 to 3 presses.....	37.5	18.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	31.3	15.00
New York, N. Y.: Operating 2 standard automatic-feed presses....	45.8	22.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 1 to 3 presses, or Harris presses Nos. 1 to 7.....	41.7	20.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 4 presses....	45.8	22.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 5 presses....	47.9	23.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating 3 automatic-feed presses....	50.0	24.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Operating Hoag or Kelly presses.....	52.1	25.00	$6\frac{1}{2}$	2	5 8 - 8 - 48	....	....	....
Philadelphia, Pa.: Operating 1 to 3 presses....	33.3	16.00	$2\frac{1}{2}$	2	5 8 - 8 - 48	....	30.2	14.50
Operating 2 presses, or 1 2-color press.....	47.9	23.00	$2\frac{1}{2}$	2	5 8 - 8 - 48	....	45.8	22.00
Operating 4 presses....	37.5	18.00	$2\frac{1}{2}$	2	5 8 - 8 - 48	....	33.3	16.00
Operating 5 or more presses.....	41.7	20.00	$2\frac{1}{2}$	2	5 8 - 8 - 48	....	37.5	18.00
Operating automatic process presses, or provers....	41.7	20.00	$2\frac{1}{2}$	2	5 8 - 8 - 48	....	39.6	19.00

<sup>1</sup> Double time on Labor Day.<sup>2</sup> Double time after midnight.<sup>3</sup> 44 hours and \$14.67 per week, June to August, inclusive.<sup>4</sup> Double time after 10 p. m., Mondays to Fridays; after 5 p. m., on Saturdays.<sup>5</sup> Hours vary, but total 48 per week.<sup>6</sup> Double time after 10 p. m.<sup>7</sup> For Sundays, July 4, Labor Day, and Christmas; for other holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur-ing year end-ing May 15, 1917, Saturday half holiday pre-vailed	May 15, 1916.				
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—			
	Per hour.	Per week full time.	For over-time.	For Sundays and holidays.			Per hour.	Per week full time.	Hours—Full day; Saturdays; Full week.	
<b>NORTH ATLANTIC—concluded.</b>										
Pittsburgh, Pa.: Operating 3 or 4 presses.....	Cents. 41.7	Dolls. 20.00	1 1/2	2	2 8 -8 -48	.....	Cents. 39.6	Dolls. 19.00	2 8 -8 -48	
Providence, R. I.: Operating 1 or more presses.....	33.3	16.00	3 1/2	2	2 8 -8 -48	.....	31.3	15.00	2 8 -8 -48	
Operating Universal presses.....	37.5	18.00	3 1/2	2	2 8 -8 -48	.....	35.4	17.00	2 8 -8 -48	
Rochester, N. Y.: Operating 1 or 2 presses.....	31.3	15.00	3 1/2	2	2 8 -8 -48	.....	29.2	14.00	2 8 -8 -48	
Operating 3 presses.....	35.4	17.00	3 1/2	2	2 8 -8 -48	.....	33.3	16.00	2 8 -8 -48	
Operating 4 presses.....	39.6	19.00	3 1/2	2	2 8 -8 -48	.....	37.5	18.00	2 8 -8 -48	
Scranton, Pa.: Operating 1 to 3 presses.....	29.2	14.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	
Operating 4 presses, or 1 to 3 presses with automatic feeders.....	33.3	16.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	
Springfield, Ill.....	37.5	18.00	1 1/2	2	8 -8 -48	.....	.....	.....	.....	
Worcester, Mass.....	33.3	16.00	4 1/2	2	2 8 -8 -48	.....	.....	.....	.....	
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.: Operating 1 press.....	31.3	15.00	1 1/2	2	8 -8 -48	.....	.....	.....	.....	
Operating 2 presses.....	34.4	16.50	1 1/2	2	8 -8 -48	.....	.....	.....	.....	
Operating 3 or more presses.....	37.5	18.00	1 1/2	2	8 -8 -48	.....	.....	.....	.....	
Baltimore, Md.: Operating 1 to 3 presses.....	33.3	16.00	3 1/2	2	2 8 -8 -48	.....	27.1	13.00	2 8 -8 -48	
Operating 4 or 5 presses.....	39.6	19.00	3 1/2	2	2 8 -8 -48	.....	33.3	16.00	2 8 -8 -48	
Charleston, S. C.: Operating 3 or 4 presses.....	31.3	15.00	3 1/2	2	8 -8 -48	.....	.....	.....	.....	
Jacksonville, Fla.: Operating 1 to 3 presses.....	31.3	15.00	3 1/2	2	2 8 -8 -48	.....	.....	.....	.....	
Operating more than 3 presses.....	37.5	18.00	3 1/2	2	2 8 -8 -48	.....	.....	.....	.....	
Richmond, Va.: Operating 2 to 5 presses.....	25.0	12.00	1 1/2	1 1/2	8 -8 -48	.....	20.8	10.00	8 -8 -48	
Washington, D. C.: Operating 1 to 4 presses.....	37.5	18.00	5 1/2	2	2 8 -8 -48	.....	31.3	15.00	2 8 -8 -48	
Operating 1 or 2 presses, with automatic attachments.....	43.8	21.00	5 1/2	2	2 8 -8 -48	.....	37.5	18.00	2 8 -8 -48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.: Operating 1 combination press, with web attachment.....	45.8	22.00	6 1/2	2	2 8 -8 -48	.....	43.8	21.00	2 8 -8 -48	
Operating 1 to 3 presses.....	38.5	18.50	6 1/2	2	2 8 -8 -48	.....	36.5	17.50	2 8 -8 -48	
Operating 4 presses.....	41.7	20.00	6 1/2	2	2 8 -8 -48	.....	39.6	19.00	2 8 -8 -48	
Operating 5 presses.....	41.8	21.50	6 1/2	2	2 8 -8 -48	.....	42.7	20.50	2 8 -8 -48	
Operating 6 presses.....	47.9	23.00	6 1/2	2	2 8 -8 -48	.....	45.8	22.00	2 8 -8 -48	

<sup>1</sup> Double time after midnight, Mondays to Fridays; after 5 p. m. on Saturdays.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> Double time after midnight.<sup>4</sup> Double time after 10 p. m.<sup>5</sup> Double time after 10 p. m., Mondays to Fridays; after 6 p. m. on Saturdays.<sup>6</sup> Double time after 3 hours, Mondays to Fridays; on Saturdays after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—continued.										
Cincinnati, Ohio:										
Operating 1 auto press....	38.0	18.25	1½	2	8-8-48	38.5	18.50	8-8-48		
Operating 2 auto presses....	43.2	20.75	1½	2	8-8-48	45.8	22.00	8-8-48		
Operating 1 or 2 presses....	33.3	16.00	1½	2	8-8-48	30.2	14.50	8-8-48		
Operating 3 presses.....	35.4	17.00	1½	2	8-8-48	32.3	15.50	8-8-48		
Operating 4 presses.....	39.6	19.00	1½	2	8-8-48	36.5	17.50	8-8-48		
Operating 5 presses.....	43.8	21.00	1½	2	8-8-48	40.6	19.50	8-8-48		
Cleveland, Ohio:										
Operating 1 or 2 presses....	33.3	16.00	1 1½	2	8-8-48	31.3	15.00	8-8-48		
Operating 3 or 4 presses....	35.4	17.00	1 1½	2	8-8-48	33.3	16.00	8-8-48		
Operating 5 to 8 presses....	39.6	19.00	1 1½	2	8-8-48	37.5	18.00	8-8-48		
Columbus, Ohio.....	39.6	19.00	1 1½	1½	8-8-48	35.5	18.50	8-8-48		
Davenport, Iowa, Moline and Rock Island, Ill.:										
Operating 1 or 2 presses....	35.4	17.00	1½	2	8-8-48	33.3	16.00	8-8-48		
Des Moines, Iowa:										
Operating 1 press.....	31.3	15.00	1½	2	8-8-48					
Operating 2 presses.....	35.4	17.00	1½	2	8-8-48					
Operating 3 presses.....	37.5	18.00	1½	2	8-8-48					
Operating 4 presses.....	39.6	19.00	1½	2	8-8-48					
Detroit, Mich.:										
Operating 1 or 2 presses....	43.3	16.00	5 1½	2	8 ½-4½-48	12	22.2	14.00	8 ½-4½-48	
Operating 3 presses....	47.5	18.00	5 1½	2	8 ½-4½-48	12	33.3	16.00	8 ½-4½-48	
Operating 4 or 5 presses....	41.7	20.00	5 1½	2	8 ½-4½-48	12	37.5	18.00	8 ½-4½-48	
Operating more than 5 presses.....	41.7	20.00	6 1½	2	8 ½-8½-48	12				
Grand Rapids, Mich.:										
Operating 2 presses.....	35.4	17.00	9 1½	2	8 ½-8½-48	20.2	14.00	8 ½-8-48		
Operating 3 presses.....	37.5	18.00	9 1½	2	8 ½-8½-48	31.3	15.00	8 ½-8-48		
Operating 4 or more presses.....	39.6	19.00	9 1½	2	8 ½-8½-48	33.3	16.00	8 ½-8-48		
Indianapolis, Ind.:										
Operating 1 or 2 presses....	1032.9	15.80	11 1½	2	8-8-48					
Operating 3 presses....	257.1	17.80	11 1½	2	8-8-48					
Operating 4 presses....	141.3	19.80	11 1½	2	8-8-48					
Operating 5 presses....	145.4	21.80	11 1½	2	8-8-48					
Operating 6 presses....	1547.5	22.80	11 1½	2	8-8-48					
Kansas City, Mo.:										
Operating 1 press.....	39.6	19.00	1 1½	2	8-8-48	36.7	17.60	8-8-48		
Operating 2 presses.....	39.6	19.00	1 1½	2	8-8-48	37.5	18.00	8-8-48		
Operating 3 presses.....	41.7	20.00	1 1½	2	8-8-48	39.6	19.00	8-8-48		
Operating 4 presses.....	43.8	21.00	1 1½	2	8-8-48	41.7	20.00	8-8-48		
Operating more than 4 to 5 presses.....	45.8	22.00	1 1½	2	8-8-48					
Operating 5 to 7 presses....	45.8	22.00	1 1½	2	8-8-48	(16)	43.8	21.00	(16) 8-8-48	
Milwaukee, Wis.:										
Operating 1 or 2 presses....	1734.9	16.75	1 1½	2	8 ½-8-48					
Operating 3 presses....	187.0	17.75	1 1½	2	8 ½-8-48					
Operating 4 presses....	1941.1	19.75	1 1½	2	8 ½-8-48					

<sup>1</sup> Double time after midnight.<sup>2</sup> Scale became 45.8 cents on June 1, 1917.<sup>3</sup> Hours vary, but total 48 per week.<sup>4</sup> Scale became 35.4 cents on Sept. 1, 1917.<sup>5</sup> Double time after 5 hours.<sup>6</sup> Scale became 39.6 cents on Sept. 1, 1917.<sup>7</sup> Scale became 43.8 cents on Sept. 1, 1917.<sup>8</sup> And \$1 for each additional press.<sup>9</sup> Double time after 10 p. m.<sup>10</sup> Scale became 37.5 cents on Sept. 1, 1917.<sup>11</sup> Double time after 10 p. m., Mondays to Fridays; after 5 p. m. on Saturdays.<sup>12</sup> Scale became 41.7 cents on Sept. 1, 1917.<sup>13</sup> Scale became 45.8 cents on Sept. 1, 1917.<sup>14</sup> Scale became 50 cents on Sept. 1, 1917.<sup>15</sup> Scale became 52.1 cents on Sept. 1, 1917.<sup>16</sup> No scale in effect on May 15, 1916.<sup>17</sup> Scale became 37.5 cents on Aug. 1, 1917.<sup>18</sup> Scale became 39.5 cents on Aug. 1, 1917.<sup>19</sup> Scale became 43.8 cents on Aug. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.										
Minneapolis, Minn.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Operating 1 to 3 presses....	37.0	17.76	1 1/2	2	8 9 -4 -48	12	35.0	16.80	8 9 -4 -48	
Operating 4 or more presses.....	41.0	19.68	1 1/2	2	8 9 -4 -48	12	40.0	19.20	8 9 -4 -48	
Omaha, Nebr.:										
Operating 1 or 2 presses....	33.3	16.00	5 1/2	1 1/2	8 -8 -48	.....	31.3	15.00	8 -8 -48	
Operating 3 presses.....	35.4	17.00	5 1/2	1 1/2	8 -8 -48	.....	31.3	15.00	8 -8 -48	
Operating 4 presses.....	37.5	18.00	5 1/2	1 1/2	8 -8 -48	.....	33.3	16.00	8 -8 -48	
Operating 5 presses.....	39.6	19.00	5 1/2	1 1/2	8 -8 -48	.....	35.4	17.00	8 -8 -48	
Peoria, Ill.:										
Operating 1 or 2 presses....	6 29.2	14.00	1 1/2	2	8 -8 -48	.....	27.1	13.00	8 -8 -48	
Operating 3 presses.....	31.3	15.00	1 1/2	2	8 -8 -48	.....	29.2	14.00	8 -8 -48	
Operating 4 presses.....	33.3	16.00	1 1/2	2	8 -8 -48	.....	31.3	15.00	8 -8 -48	
St. Louis, Mo.:										
Operating 1 or 2 presses, or 1 28-inch coupon press, or 1 press with automatic feed.....	35.4	17.00	1 1/2	2	8 -8 -48	.....	33.3	16.00	8 -8 -48	
Operating 4 presses, or 1 42-inch coupon press, or 1 press with automatic feed, and 2 hand-feed presses, or 2 presses with automatic feed.....	41.7	20.00	1 1/2	2	8 -8 -48	.....	39.6	19.00	8 -8 -48	
Operating 3 presses, or 1 press with automatic feed, or 1 hand-feed press.....	38.5	18.50	1 1/2	2	8 -8 -48	.....	36.5	17.50	8 -8 -48	
St. Paul, Minn.:										
Operating 1 auto press....	45.8	22.00	1 1/2	2	9 -4 -48	12	43.8	21.00	8 9 -4 -48	
Operating 1 to 3 presses....	33.3	16.00	1 1/2	2	8 9 -4 -48	12	29.7	14.25	8 9 -4 -48	
Operating 4 presses.....	38.5	18.50	9 1/2	2	8 9 -4 -48	12	34.9	16.75	8 9 -4 -48	
Wichita, Kans.: Operating 1 to 3 presses.....	38.5	18.50	1 1/2	2	8 -8 -48	.....				
SOUTH CENTRAL.										
Birmingham, Ala.:										
Operating 1 or 2 presses....	36.5	17.50	10 1/4	2	11 8 -8 -48	.....	31.3	15.00	11 8 -8 -48	
Operating 3 presses.....	37.5	18.00	10 1/4	2	11 8 -8 -48	.....	33.3	16.00	11 8 -8 -48	
Operating 4 to 6 presses....	40.6	19.50	10 1/4	2	11 8 -8 -48	.....	35.4	17.00	11 8 -8 -48	
Operating 7 to 9 presses....	44.8	21.50	10 1/4	2	11 8 -8 -48	.....	39.6	19.00	11 8 -8 -48	
Dallas, Tex.:										
Operating 2 presses and 1 automatic press.....	52.1	25.00	1 1/2	2	8 -8 -48	.....	45.8	22.00	8 -8 -48	
Operating 1 to 4 presses....	37.5	18.00	1 1/2	2	8 -8 -48	.....	35.4	17.00	8 -8 -48	
Houston, Tex.:										
Operating 1 or 2 presses....	35.4	17.00	1 1/2	2	8 -8 -48	.....	32.3	15.50	8 -8 -48	
Operating 3 to 5 presses....	40.6	19.50	1 1/2	2	8 -8 -48	.....	37.5	18.00	8 -8 -48	

<sup>1</sup> Double time after midnight.<sup>2</sup> For Sundays and Labor Day; for New Year's Day, Memorial Day, and Thanksgiving, time and one-half.<sup>3</sup> Hours total 49 per week, but 1 hour in each week is paid for as overtime.<sup>4</sup> And 2 cents per hour for each additional press.<sup>5</sup> Double time after midnight, Mondays to Fridays; after 5 p. m. on Saturdays.<sup>6</sup> Scale became 31.3 cents on Sept. 1, 1917.<sup>7</sup> Scale became 33.3 cents on Sept. 1, 1917.<sup>8</sup> And \$1 for each additional press up to \$21.50 per week.<sup>9</sup> Double time after 4 hours.<sup>10</sup> Time and one-half after first hour.<sup>11</sup> Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Continued.

## PRESSMEN: Platen—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.		Per hour.	Per week full time.	
<b>SOUTH CENTRAL—concluded.</b>								
Little Rock, Ark.:				<i>Regular rate multiplied by—</i>				
Operating 3 or 4 presses.....	37.5	18.00	1 1/2	2	2 8 -8 -48	.....	33.3	
Operating auto press.....	33.3	16.00	1 1/2	1 1/2	8 -8 -48	.....	16.00	
Louisville, Ky.:								
Operating 1 auto press.....	30.2	14.50	1 1/2	2	8 1/2 -41 -48	12	28.1	
Operating 2 auto presses.....	27.1	13.00	1 1/2	2	8 1/2 -41 -48	12	25.0	
Operating 1 press.....	27.1	13.00	1 1/2	2	8 1/2 -41 -48	12	25.0	
Operating 2 presses.....	30.2	14.50	1 1/2	2	8 1/2 -41 -48	12	28.1	
Operating 3 presses.....	32.3	15.50	1 1/2	2	8 1/2 -41 -48	12	30.2	
Operating 4 presses.....	34.4	16.50	1 1/2	2	8 1/2 -41 -48	12	32.3	
Operating 5 presses.....	36.5	17.50	1 1/2	2	8 1/2 -41 -48	12	34.4	
Memphis, Tenn.:								
Operating 1 or 2 presses.....	29.2	14.00	1 1/2	2	2 8 -8 -48	.....	28.1	
Operating 3 presses, or 1 automatic press.....	31.3	15.00	1 1/2	2	2 8 -8 -48	.....	.....	
Operating 4 presses.....	34.4	16.50	1 1/2	2	2 8 -8 -48	.....	.....	
Nashville, Tenn.:								
Operating 1 to 3 presses.....	33.3	16.00	1 1/2	2	8 -8 -48	.....	25.0	
Operating 4 presses.....	35.4	17.00	1 1/2	2	8 -8 -48	.....	31.3	
Operating 5 presses.....	39.6	19.00	1 1/2	2	8 -8 -48	.....	31.3	
New Orleans, La.: Operating 1 or 2 presses.....	34.4	16.50	1 1/2	1 1/2	8 -8 -48	.....	.....	
<b>WESTERN.</b>								
Butte, Mont. ....	50.0	24.00	4 1/2	5 2	8 -8 -48	.....	.....	
Denver, Colo.:								
Operating 1 or 2 presses, or press assistants.....	41.7	20.00	6 1/2	2	8 -8 -48	.....	37.5	
Operating 3 presses.....	45.8	22.00	6 1/2	2	8 -8 -48	.....	41.7	
Operating 4 or 5 presses, with assistants.....	47.9	23.00	6 1/2	2	8 -8 -48	.....	45.8	
Operating 6 presses, with assistants.....	52.1	25.00	6 1/2	2	8 -8 -48	.....	50.0	
Operating 7 presses, with assistants.....	54.2	26.00	6 1/2	2	8 -8 -48	.....	52.1	
Los Angeles, Cal.:								
Operating 1 to 3 presses.....	40.6	19.50	1 1/2	2	8 -8 -48	.....	.....	
Operating 4 presses.....	42.7	20.50	1 1/2	2	8 -8 -48	.....	.....	
Operating more than 4 presses.....	44.8	21.50	1 1/2	2	8 -8 -48	.....	.....	
Portland, Oreg.:								
Operating 1 or 2 presses.....	37.5	18.00	1 1/2	7 2	8 -8 -48	.....	.....	
Operating 3 presses.....	43.8	21.00	1 1/2	7 2	8 -8 -48	.....	.....	
Operating 4 presses.....	46.9	22.50	1 1/2	7 2	8 -8 -48	.....	.....	
Salt Lake City, Utah:								
Operating 1 press.....	35.4	17.00	1 1/2	1 1/2	8 -8 -48	.....	.....	
Operating 2 presses.....	37.5	18.00	1 1/2	1 1/2	8 -8 -48	.....	.....	
Operating 3 presses.....	40.6	19.50	1 1/2	1 1/2	8 -8 -48	.....	.....	
Operating 4 or 5 presses.....	43.8	21.00	1 1/2	1 1/2	8 -8 -48	.....	.....	
Operating 6 presses, with assistants.....	46.9	22.50	1 1/2	1 1/2	8 -8 -48	.....	.....	
Operating 7 presses, with assistants.....	50.0	24.00	1 1/2	1 1/2	8 -8 -48	.....	.....	

<sup>1</sup> Double time after midnight.<sup>2</sup> Hours vary, but total 48 per week.<sup>3</sup> No scale in effect on May 15, 1916.<sup>4</sup> Double time after 4 hours.<sup>5</sup> And on Saturday after 5 p. m.<sup>6</sup> Double time after 10 p. m. and on Saturday afternoons.<sup>7</sup> For Sundays; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: BOOK AND JOB—Concluded.

## PRESSMEN: Platen—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
WESTERN—concluded.									
Salt Lake City, Utah—Cld.									
Operating 8 presses, with assistants.....	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
53.1	25.50	1 1/2	1 1/2		8 -8 -48				
35.4	17.00	1 1/2	1 1/2		8 -8 -48				
Press assistants, 5 presses.....									
37.5	18.00	1 1/2	1 1/2		8 -8 -48				
Press assistants, 6 presses.....									
39.6	19.00	1 1/2	1 1/2		8 -8 -48				
Press assistants, 7 presses.....									
41.7	20.00	1 1/2	1 1/2		8 -8 -48				
Press assistants, 8 presses.....									
San Francisco, Cal.:.....									
Operating 1 or 2 presses.....	43.8	21.00	1 1/2	2 1/2	8 -8 -48				
Operating 3 presses.....	50.0	24.00	1 1/2	2 1/2	8 -8 -48				
Foremen.....	52.1	25.00	1 1/2	2 1/2	8 -8 -48				
Seattle, Wash.:.....									
Foremen in charge of 1 or 2 presses.....	44.8	21.50	1 1/2	1 1/2	8 -8 -48				
Foremen in charge of 3 presses.....	51.0	24.50	1 1/2	1 1/2	8 -8 -48				
Operating 1 or 2 presses.....	41.7	20.00	1 1/2	1 1/2	8 -8 -48				
Operating 3 or more presses.....	44.8	21.50	1 1/2	1 1/2	8 -8 -48				
Spokane, Wash.:.....									
Operating 1 or 2 presses.....	40.6	19.50	1 1/2	2	8 -8 -48				
Operating 3 presses.....	43.8	21.00	1 1/2	2	8 -8 -48				
Operating 4 or more presses, or 2 automatic presses.....	50.0	24.00	1 1/2	2	8 -8 -48				

## PRINTING AND PUBLISHING: NEWSPAPER.

## COMPOSITOR: Daywork.

NORTH ATLANTIC.								
Boston, Mass.....	68.0	28.56	3 87c.	1	4 7 -7 -42		63.0	26.46
Bridgeport, Conn.....	47.9	23.00	1 1/2	2	8 -8 -48		45.8	22.00
Buffalo, N. Y.:.....								
English.....	53.1	25.50	1 1/2	2	8 -8 -48		50.0	24.00
German.....	41.7	20.00	1 1/2	2	8 -8 -48			
Fall River, Mass.....	44.8	21.50	5 1/2	2	8 -8 -48		43.8	21.00
Manchester, N. H.....	37.5	18.00	1 1/2	1	8 -8 -48		35.4	17.00
Newark, N. J.:.....								
English.....	63.0	29.00	2	1	73 -73 -46		60.9	28.00
German.....	56.3	22.50	1 1/2	1	7 8 -0 -40			
New Haven, Conn.....	50.0	24.00	1 1/2	2	8 -8 -48		47.9	23.00
New York, N. Y.:.....								
English.....	66.7	30.00	1 1/2	8 1	73 -73 -45			
Bohemian.....	41.7	20.00	1 1/2	9 1/2	8 -8 -48		37.5	18.00
German.....	70.7	26.50	1 1/2	2	7 73 -0 -37 1/2		66.7	25.00
Hebrew.....	88.9	32.00	1 1/2	10 1	6 -6 -36		86.1	31.00
Hungarian.....	57.1	24.00	1 1/2	2	7 -7 -42		52.4	22.00
Italian.....	54.8	23.00	1 1/2	2	7 -7 -42			

<sup>1</sup> Double time after midnight.<sup>2</sup> For Labor Day, double time.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> Actual hours worked; minimum, 6 per day, 36 per week; maximum, 8 per day, 48 per week.<sup>5</sup> Double time after 6 hours.<sup>6</sup> Scale became 65.2 cents on June 1, 1917.<sup>7</sup> Work 5 days per week.<sup>8</sup> For Sundays, on 6-day newspapers, double time.<sup>9</sup> For Sundays; for holidays, double time.<sup>10</sup> Some receive double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Daywork—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half-holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
Philadelphia, Pa.: English.....	Cents. 41.7	Dolls. 20.00	1½	1	8 -8 -48	Cents. ....	Dolls. ....		
German.....	57.5	23.00	1½	1	1 8 -0 -40	55.0	22.00	8 -0 -40	
Pittsburgh, Pa.....	61.0	27.45	2 1½	1	* 7½-7½-45	60.0	27.00	* 7½-7½-45	
Providence, R. I.....	50.0	24.00	5 70c.	1	8 -8 -48				
Rochester, N. Y.: English.....	6 45.8	22.00	1½	2	8 -8 -48	41.7	20.00	8 -8 -48	
German.....	41.7	20.00	1½	2	8 -8 -48	39.6	19.00	8 -8 -48	
Scranton, Pa.....	52.1	25.00	1½	2	8 -8 -48	47.9	23.00	8 -8 -48	
Springfield, Mass.....	44.8	21.50	(8)	(8)	8 -8 -48				
Worcester, Mass.: English.....	9 47.9	23.00	1½	10 2	8 -8 -48				
French.....	43.8	21.00	1½	10 2	8 -8 -48				
SOUTH ATLANTIC.									
Atlanta, Ga.....	43.8	21.00	1½	1	8 -8 -48				
Baltimore, Md.: English.....	61.9	26.00	5 75c.	1	7 -7 -42	59.5	25.00	7 -7 -42	
German.....	45.0	21.60	5 60c.	1	8 -8 -48				
Charleston, S. C.....	42.9	18.00	1½	1	11 7 -7 -42	38.1	16.00	11 7 -7 -42	
Jacksonville, Fla.: Head ad men.....	46.9	22.50	1½	12 1	8 -8 -48				
Richmond, Va.....	50.0	24.00	1½	12 1	8 -8 -48				
Washington, D. C.....	37.5	18.00	1½	1	8 -8 -48				
60.7	25.50	5 86c.	1		7 -7 -42				
NORTH CENTRAL.									
Chicago, Ill.: English.....	1862.0	27.90	1½	12 1	14 7½-7½-45				
Bohemian.....	52.1	25.00	15 1½	1½	8 -8 -48				
German.....	62.5	25.00	2	2	16 8 -0 -40				
Norwegian.....	55.0	26.40	5 80c.	5 80c.	8 -8 -48				
Polish.....	52.1	25.00	17 1½	2	8 -8 -48	50.0	24.00	8 -8 -48	
Swedish.....	52.1	25.00	18 1½	2	8 -8 -48	50.0	24.00	8 -8 -48	
Cincinnati, Ohio.....	56.3	27.00	1½	1½	8 -8 -48				
Cleveland, Ohio: English.....	62.5	30.00	1½	1	8 -8 -48	53.8	25.80	8 -8 -48	
German.....	50.0	24.00	1½	1½	8 -8 -48	47.9	23.00	8 -8 -48	
Hungarian (make-up).....	62.1	27.00	1½	19 1	* 7½-6-43½	55.2	24.00	* 7½-6-43½	
Hungarian.....	50.6	22.00	1½	19 1	* 7½-6-43½	43.7	19.00	* 7½-6-43½	

<sup>1</sup> Work 5 days per week.<sup>2</sup> After 8 hours per day.<sup>3</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>4</sup> Scale became 52.1 cents on Nov. 1, 1917.<sup>5</sup> Rate, in cents, per hour.<sup>6</sup> Scale became 46.9 cents on Nov. 1, 1917.<sup>7</sup> For Sundays; for holidays, time and one-half.<sup>8</sup> 10 cents per hour more than regular rate.<sup>9</sup> Scale became 49 cents on Sept. 1, 1917.<sup>10</sup> For Sundays; for holidays, time and one-third.<sup>11</sup> Actual hours worked; maximum, 8 hours per day, 48 per week.<sup>12</sup> For Sundays, on 6-day newspapers, double time.<sup>13</sup> Scale became 66 cents on Oct. 11, 1917.<sup>14</sup> Actual hours worked; minimum, 7 per day, 42 per week; maximum, 8 per day, 48 per week.<sup>15</sup> Double time after 3 hours, and on Saturdays after completion of 48-hour week.<sup>16</sup> Work 5 days per week.<sup>17</sup> Double time after 3 hours.<sup>18</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.<sup>19</sup> For Sundays; do not work on holidays.<sup>20</sup> Allowed 6 days off each year, with pay.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## COMPOSITORS: Daywork—Continued.

Geographical division and city.	May 15, 1917.				Mos. dur-ing year end-ing May 15, 1917, Sat-urday half hol-i/day pre-vailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For over-time.	For Sun-days and hol-i-days.			Per hour.	Per week full time.	
<b>NORTH CENTRAL—concluded.</b>									
Columbus, Ohio:									
English.....	58.3	28.00	1 1/4	1 1/2	8 -8 -48		55.2	26.50	
German.....	50.0	24.00	8 60c.	1 1/2	8 -8 -48		.....	.....	
Davenport, Iowa, Moline and Rock Island, Ill.....	47.9	23.00	1 1/2	2	8 -8 -48		45.8	22.00	
Des Moines, Iowa.....	50.0	24.00	1 1/2	1 1/2	8 -8 -48		49.0	23.50	
Detroit, Mich.:									
English.....	60.5	29.04	1 1/2	1 1/2	8 8 -8 -48		55.0	26.40	
Bankmen.....	60.5	29.04	1 1/2	1 1/2	8 8 -8 -48		43.8	21.00	
German.....	55.0	22.00	8 70c.	8 70c.	8 8 -0 -40		41.7	20.00	
Hungarian.....	52.9	23.00	1 1/2	7 1/2	7 1/2 -6 -43 <sup>1</sup>		(8)	(8)	
Grand Rapids, Mich.....	46.9	22.50	1 1/2	1	8 -8 -48		45.8	22.00	
Indianapolis, Ind.:									
English.....	56.3	27.00	9 1/2	10 1/2	8 -8 -48		53.1	25.50	
German.....	45.8	22.00	(11)	(11)	8 -8 -48		.....	.....	
Kansas City, Mo.....	59.4	28.50	1 1/2	10 1/2	8 -8 -48		.....	.....	
Milwaukee, Wis.:									
English.....	50.0	24.00	9 1/2	2	8 -8 -48		43.8	21.00	
German.....	45.8	22.00	1 1/2	2	8 -8 -48		.....	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.....	53.1	25.50	1 1/2	1	8 -8 -48		46.9	22.50	
Peoria, Ill.....	46.3	21.74	1 1/2	2 1/2	12 8 -7 -47		45.0	21.15	
St. Louis, Mo.: English.....	63.4	29.16	13 76c.	1	7 1/2 -7 1/2 -46		58.7	27.00	
St. Paul, Minn.:								73 -7 1/2 -46	
English.....	54.5	26.16	1 1/2	1	8 -8 -48		.....	.....	
German.....	40.6	19.50	1 1/2	2	8 -8 -48		.....	.....	
Wichita, Kans.....	48.4	23.25	1 1/2	1 1/2	8 -8 -48		47.4	22.75	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.....	56.5	23.73	1 1/2	14 1/2	15 7 -7 -42		55.5	23.31	
Dallas, Tex.:								7 -7 -42	
Proof readers.....	59.4	28.50	1 1/2	2	8 -8 -48		.....	.....	
Houston, Tex.....	62.5	30.00	1 1/2	2	8 -8 -48		.....	.....	
Little Rock, Ark.....	62.7	30.08	1 1/2	1	8 -8 -48		.....	.....	
Louisville, Ky.....	52.1	25.00	1 1/2	1 1/2	8 -8 -48		50.0	24.00	
Memphis, Tenn.:								8 -8 -48	
Head ad men.....	54.2	26.00	16 1/2	1	8 -8 -48		50.0	24.00	
Head ad men.....	56.3	27.00	16 1/2	1	8 -8 -48		52.1	25.00	
Memphis, Tenn.....	57.8	26.00	1 1/2	1	7 1/2 -7 1/2 -45		.....	.....	
Nashville, Tenn.....	62.2	28.00	1 1/2	1	7 1/2 -7 1/2 -45		.....	.....	
New Orleans, La.....	53.1	25.50	1 1/2	1	8 -8 -48		50.0	24.00	
	57.0	24.23	1 1/2	1	7 -7 1/2 -42 <sup>2</sup>		8 -8 -48	.....	

<sup>1</sup> For first hour; double time thereafter.<sup>2</sup> For Sundays; work 6 hours on holidays, paid for full day.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> For Sundays; for holidays, 60 cents per hour.<sup>5</sup> Maximum hours; minimum, 7 per day, 42 per week.<sup>6</sup> Work 5 days per week.<sup>7</sup> Holidays off, with pay; paid time and one-half in addition, if work is performed.<sup>8</sup> No scale in effect May 15, 1916.<sup>9</sup> Double time after midnight.<sup>10</sup> On 7-day newspapers, no increase in rate.<sup>11</sup> 15 cents per hour more than regular hourly rate.<sup>12</sup> 8 hours on Saturdays during December.<sup>13</sup> Rate, in cents, per hour; 97 cents after 6 p. m.<sup>14</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>15</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>16</sup> Double time after 3 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## COMPOSITORS: Daywork—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>WESTERN.</b>										
Butte, Mont.	70.0	31.50	1½	1	7½-7½-45		Cents.	Dolls.		
Ad men.	76.7	34.50	1½	1	7½-7½-45					
Denver, Colo.	63.3	28.50	1½	1	7½-7½-45					
Los Angeles, Cal.	66.7	30.00	1½	1	7½-7½-45		64.4	29.00	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		57.8	26.00	7½-7½-45	
French.	69.0	29.00	1½	1	7-7-42		57.8	26.00	7½-7½-45	
Italian.	69.0	29.00	1½	1	7-7-42		57.8	26.00	7½-7½-45	
Swedish.	69.0	29.00	1½	1	7-7-42		57.8	26.00	7½-7½-45	
Seattle, Wash.	78.6	33.00	2½	1	7-7-42		75.0	31.50	7-7-42	
Spokane, Wash.	66.7	30.00	1½	1	7½-7½-45					

## COMPOSITORS: Night work.

NORTH ATLANTIC.									
Boston, Mass.	72.0	30.24	2½	1	1 7-7-42		67.0	28.14	1 7-7-42
Bridgeport, Conn.	52.1	25.00	1½	1	8-8-48		50.0	24.00	8-8-48
Buffalo, N. Y.	59.4	28.50	1½	1	8-8-48		56.3	27.00	8-8-48
Manchester, N. H.	43.8	21.00	1½	1	8-8-48		41.7	20.00	8-8-48
Newark, N. J.: English.	67.4	31.00	2	1	7½-7½-46				
German.	62.5	25.00	1½	1	6 8-0-40				
New Haven, Conn.	56.3	27.00	1½	1	8-8-48		54.2	26.00	8-8-48
New York, N. Y.: English.	73.3	33.00	1½	1	7½-7½-45				
English, third shift, 2 a. m. to 10 a. m.	85.7	36.00	1½	1	7-7-42				
German.	77.3	29.00	1½	1	5 7½-0-3½		73.3	27.50	5 7½-0-3½
Hebrew.	118.5	32.00	1½	1	4½-4½-27		114.8	31.00	4½-4½-27
Hungarian.	71.4	30.00	1½	2	7-7-42		66.7	28.00	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.	62.5	25.00	1½	1	6 8-0-40		60.0	24.00	6 8-0-40
Pittsburgh, Pa.: English.	66.0	29.70	6 1½	1	7 7½-7½-45		65.0	29.25	7 7½-7½-45
German.	55.0	26.40	2 7½c.	1	8-8-48				
Providence, R. I.	57.8	26.00	2 70c.	1	7½-7½-45				
Rochester, N. Y.	947.9	23.00	1½	1	8-8-48		45.8	22.00	8-8-48
Scranton, Pa.	58.3	28.00	1½	10 2	8-8-48		54.2	26.00	8-8-48
Springfield, Mass.	52.1	25.00	(1½)	1	8-8-48				
Worcester, Mass.	1264.2	26.00	1½	1	8-8-48				

<sup>1</sup> Scale became 72.7 cents on Sept. 1, 1917.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> For Sundays; work 5 hours on holidays, paid for full day.<sup>4</sup> Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.<sup>5</sup> Work 5 days per week.<sup>6</sup> After 8 hours per day.<sup>7</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>8</sup> Scale became 60 cents on Nov. 1, 1917.<sup>9</sup> Scale became 49 cents on Nov. 1, 1917.<sup>10</sup> For Sundays; for holidays, time and one-half.<sup>11</sup> 10 cents per hour more than regular rate.<sup>12</sup> Scale became 55.2 cents on Sept. 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Night work—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Per hour.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per week full time.		
<i>SOUTH ATLANTIC.</i>										
Atlanta, Ga.....	Cents. 50.0	Dolls. 24.00		Regular rate multiplied by $\frac{1}{2}$	1	8 - 8 - 48		Cents. D dolls.		
Baltimore, Md.: English.....	64.3	27.00	180c.	1	7 - 7 - 42		61.9	26.00	7 - 7 - 42	
German.....	45.0	18.00	160c.	1	2 8 - 0 - 40					
Charleston, S. C.....	59.5	25.00	$\frac{1}{2}$	1	2 7 - 7 - 42		38.1	16.00	3 7 - 7 - 42	
Make-ups.....	59.5	25.00	$\frac{1}{2}$	1	2 7 - 7 - 42					
Ad men.....	71.4	30.00	$\frac{1}{2}$	1	2 7 - 7 - 42					
Richmond, Va.....	41.7	20.00	$\frac{1}{2}$	1	8 - 8 - 48					
Washington, D. C.....	66.6	27.96	194 $\frac{1}{2}$ c.	1	7 - 7 - 42					
<i>NORTH CENTRAL.</i>										
Chicago, Ill.: English.....	67.0	30.15	$\frac{1}{2}$	5 1	3 7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45					
German.....	68.8	27.50	2	2	2 8 - 0 - 40					
Norwegian.....	60.0	28.80	1 80c.	1 80c.	8 - 8 - 48					
Cincinnati, Ohio: English.....	62.5	30.00	$\frac{1}{2}$	1	8 - 8 - 48					
German.....	50.0	20.00	$\frac{1}{2}$	1	2 8 - 0 - 40					
Cleveland, Ohio.....	68.8	33.00	$\frac{1}{2}$	1	8 - 8 - 48		60.0	28.80	8 - 8 - 48	
Columbus, Ohio.....	64.6	31.00	6 $\frac{1}{2}$	7 2	8 - 8 - 48		61.5	29.50	8 - 8 - 48	
Davenport, Iowa, Moline and Rock Island, Ill.: English.....	52.1	25.00	$\frac{1}{2}$	2	S - S - 48		50.0	24.00	S - S - 48	
Davenport, Iowa: German.....	39.6	19.00	$\frac{1}{2}$	8 $\frac{1}{2}$	S - S - 48					
Des Moines, Iowa.....	56.3	27.00	$\frac{1}{2}$	1 $\frac{1}{2}$	S - S - 48		55.2	26.50	S - S - 48	
Detroit, Mich.: English.....	66.0	31.68	$\frac{1}{2}$	1	9 S - S - 48		60.0	28.80	9 S - S - 48	
Bankmen.....	66.0	31.68	$\frac{1}{2}$	1	9 S - S - 48		45.8	22.00	9 S - S - 48	
Hungarian.....	55.2	24.00	$\frac{1}{2}$	10 $\frac{1}{2}$	7 $\frac{1}{2}$ - 6 - 43 $\frac{1}{2}$		(11)	(11)	(11)	
Grand Rapids, Mich.....	51.0	24.50	12	1	S - S - 48		50.0	24.00	8 - S - 48	
Indianapolis, Ind.....	60.4	29.00	12	1 $\frac{1}{2}$	S - S - 48		57.3	27.50	8 - S - 48	
Kansas City, Mo.....	62.5	30.00	$\frac{1}{2}$	1 $\frac{1}{2}$	S - S - 48					
Milwaukee, Wis.: English.....	56.3	27.00	$\frac{1}{2}$	1	S - S - 48					
German.....	52.1	25.00	$\frac{1}{2}$	1	S - S - 48		50.0	24.00	8 - S - 48	
Minneapolis, Minn.....	60.0	28.80	$\frac{1}{2}$	1	S - S - 48					
Omaha, Nebr.: English.....	59.4	28.50	$\frac{1}{2}$	1	S - S - 48					
German.....	59.4	28.50	$\frac{1}{2}$	1 $\frac{1}{2}$	S - S - 48		53.1	25.50	8 - S - 48	
Peoria, Ill.....	51.3	24.60	$\frac{1}{2}$	13 1	S - S - 48		50.0	24.00	8 - S - 48	
St. Louis, Mo.: English.....	72.0	32.40	(14)	1	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45		66.7	30.00	7 $\frac{1}{2}$ - 7 $\frac{1}{2}$ - 45	
German.....	72.0	28.80	(14)	1	2 7 $\frac{1}{2}$ - 10 - 40		66.7	26.67	2 7 $\frac{1}{2}$ - 10 - 40	
St. Paul, Minn.....	61.0	29.28	$\frac{1}{2}$	1	S - S - 48					
Wichita, Kans.....	54.7	26.25	$\frac{1}{2}$	1 $\frac{1}{2}$	S - S - 48		53.6	25.75	8 - S - 48	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Work 5 days per week.<sup>3</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>4</sup> Scale became 71 cents on Oct. 11, 1917.<sup>5</sup> For Sundays, on 6-day newspapers, double time.<sup>6</sup> Double time after first hour.<sup>7</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>8</sup> For Sundays; for holidays, single time.<sup>9</sup> Maximum; minimum, 7 hours per day, 42 per week.<sup>10</sup> Holidays off with pay; paid time and one-half in addition, if work is performed.<sup>11</sup> No scale in effect on May 15, 1916.<sup>12</sup> On 7-day newspapers, no increase in rate.<sup>13</sup> For Sundays; work 6 hours on holidays, paid for full day.<sup>14</sup> 86 cents per hour until 5 a. m.; \$1.08 per hour thereafter.

UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1917. 289

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

PRINTING AND PUBLISHING: NEWSPAPER—Continued.

COMPOSITORS: Night work—Concluded.

Geographical division and city.	May 15, 1917.				Mos. dur-ing year end-ing May 15, 1917, Saturday half holiday pre-vailed	May 15, 1916.			
	Rate of wages—			Hours—Full day; Saturdays; Full week.		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For over-time.			Per hour.	Per week full time.		
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.....	61.5	25.83	1½	1	2 7 -7 -42	60.5	25.41	2 7 -7 -42	
Dallas, Tex.....	65.6	31.50	1½	1	8 -8 -48	.....	.....	.....	
Proof readers.....	68.8	33.00	1½	2	8 -8 -48	.....	.....	.....	
Houston, Tex.....	65.3	31.36	1½	1	8 -8 -48	.....	.....	.....	
Little Rock, Ark.....	56.3	27.00	1½	1½	8 -8 -48	54.2	26.00	8 -8 -48	
Louisville, Ky.:									
English.....	60.0	28.80	3 1½	1	8 -8 -48	55.0	26.40	8 -8 -48	
Head ad men.....	66.7	32.00	3 1½	1	8 -8 -48	62.5	30.00	8 -8 -48	
German.....	50.0	20.00	4 50c.	1	5 8 -0 -40	.....	.....	.....	
Memphis, Tenn.....	63.3	28.50	1½	1	7 ½ -7 ½ -45	62.0	27.90	7 ½ -7 ½ -45	
Head ad men.....	68.0	30.50	1½	1	7 ½ -7 ½ -45	66.7	30.00	7 ½ -7 ½ -45	
Nashville, Tenn.....	59.4	28.50	1½	1	8 -8 -48	56.3	27.00	8 -8 -48	
New Orleans, La.....	62.0	28.52	1½	1	2 7 ½ -8 ½ -46	.....	.....	.....	
<b>WESTERN.</b>									
Butte, Mont.....	76.7	34.50	1½	1	7 ½ -7 ½ -45	.....	.....	.....	
Head ad men.....	83.3	37.50	1½	1	7 ½ -7 ½ -45	.....	.....	.....	
Denver, Colo.....	70.0	31.50	1½	1	7 ½ -7 ½ -45	.....	.....	.....	
Los Angeles, Cal.....	73.3	33.00	1½	1	7 ½ -7 ½ -45	71.1	32.00	7 ½ -7 ½ -45	
Portland, Oreg.....	67.5	33.75	1 12½ c.	1	7 ½ -7 ½ -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.....	76.2	32.00	1½	1	7 -7 -42	64.4	29.00	7 ½ -7 ½ -45	
German.....	76.2	32.00	1½	1	7 -7 -42	64.4	29.00	7 ½ -7 ½ -45	
Italian.....	76.2	32.00	1½	1	7 -7 -42	64.4	29.00	7 ½ -7 ½ -45	
Swedish.....	76.2	32.00	1½	1	7 -7 -42	64.4	29.00	7 ½ -7 ½ -45	
Seattle, Wash.....	85.7	36.00	1 20c.	1	7 -7 -42	82.1	34.50	7 -7 -42	
Spokane, Wash.....	73.3	33.00	1½	1	7 ½ -7 ½ -45	.....	.....	.....	

LINOTYPE OPERATORS: Daywork.

NORTH ATLANTIC.								
Boston, Mass.....	68.0	28.56	4 87c.	1	8 7 -7 -42	63.0	26.46	8 7 -7 -42
Bridgeport, Conn.....	47.9	23.00	1½	2	8 -8 -48	45.8	22.00	8 -8 -48
Buffalo, N. Y.:								
English.....	53.1	25.50	1½	2	8 -8 -48	50.0	24.00	8 -8 -48
German.....	41.7	20.00	1½	2	8 -8 -48	.....	.....	.....
Fall River, Mass.....	45.8	22.00	3 1½ c.	2	8 -8 -48	.....	.....	.....
Manchester, N. H.....	37.5	18.00	1½	1	8 -8 -48	35.4	17.00	8 -8 -48
Newark, N. J.:								
English.....	163.0	29.00	2	1	7 ½ -7 ½ -46	60.9	28.00	7 ½ -7 ½ -46
German.....	56.3	22.50	1½	1	5 8 -0 -40	.....	.....	.....
New Haven, Conn.....	50.0	24.00	1½	2	8 -8 -48	47.9	23.00	8 -8 -48

<sup>1</sup> For Sundays, on 6-day newspapers, time and one-half.

<sup>2</sup> Minimum; maximum, 8 hours per day, 48 per week.

<sup>3</sup> Double time after 3 hours.

<sup>4</sup> Rate, in cents, per hour.

<sup>5</sup> Work 5 days per week.

<sup>6</sup> Scale became 79.3 cents on Sept. 1, 1917.

<sup>7</sup> For Sundays; work 5 hours on holidays, paid for full day.

<sup>8</sup> Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.

<sup>9</sup> Double time after 6 hours.

<sup>10</sup> Scale became 65.2 cents on June 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## LINOTYPE OPERATORS: Daywork—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Sat., Sunday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—concluded.									
New York, N. Y.: English.....	66.7	30.00	1½	2 1½	7½-7½-45		Cents.      Dollars.		
Bohemian.....	52.4	22.00	1½	3 1½	7-7-42		47.6	20.00	
German.....	70.7	32.00	26.50	2	7½-7½-37½		66.7	25.00	
Hebrew.....	88.9	32.00	1½	1	6-6-36		86.1	31.00	
Hungarian.....	64.3	27.00	1½	2	7-7-42		59.5	25.00	
Italian.....	54.8	23.00	1½	2	7-7-42			7-7-42	
Philadelphia, Pa.: English.....	45.8	22.00	1½	1	8-8-48				
German.....	57.5	23.00	1½	1	8-0-40		55.0	22.00	
Pittsburgh, Pa.....	61.0	27.45	5 1½	1	6 ½-7½-45		60.0	27.00	
Providence, R. I.: Do.....	750.0	24.00	8 70c.	1	8-8-48			8 7½-37½-45	
Rochester, N. Y.: English.....	1047.9	23.00	1½	2	8-8-48		45.8	22.00	
German.....	41.7	20.00	1½	2	8-8-48		39.6	19.00	
Scranton, Pa.....	52.1	25.00	1½	1	8-8-48		47.9	23.00	
Springfield, Mass.....	47.8	21.50	1½	1½	7½-7½-45				
Do.....	11.9.5	-----	1	1	6 ½-6 ½-39				
Worcester, Mass.: English.....	1247.9	23.00	1½	13 2	8-8-48				
French.....	43.8	21.00	1½	13 2	8-8-48				
SOUTH ATLANTIC.									
Atlanta, Ga.....	14 8.5	-----	1½	1	8-8-48				
Baltimore, Md.: English.....	61.9	26.00	8 75c.	1	7-7-42		59.5	25.00	
German.....	45.0	21.60	8 60c.	1	8-8-48				
Charleston, S. C.....	14 9.0	-----	(15)	1	6 ½-6 ½-39				
Jacksonville, Fla.....	52.1	25.00	1½	2 1	10 8-8-48				
Richmond, Va.....	45.8	22.00	1½	1	8-8-48				
Washington, D. C.....	60.7	25.50	8 86c.	1	7-7-42				
NORTH CENTRAL.									
Chicago, Ill.: English.....	1750.0	-----	1½	2 1	7½-7½-45				
Bohemian.....	1815.0	-----	19 1½	1½	6-6-36				
German.....	62.5	25.00	2	2	8-0-40				
Norwegian.....	55.0	26.40	8 80c.	2	8-8-48				
Polish.....	55.0	26.40	19 1½	2	8-8-48		50.0	24.00	
Swedish.....	55.0	26.40	20 1½	2	8-8-48		50.0	24.00	
Cincinnati, Ohio.....	58.3	27.00	1½	1½	8-8-48				

<sup>1</sup> For beginning work at or before 5 a. m., \$2 extra; for beginning work at or before 7 a. m., \$1 extra.<sup>2</sup> For Sundays, on 6-day newspapers, double time.<sup>3</sup> For Sundays; for holidays, double time.<sup>4</sup> Work 5 days per week.<sup>5</sup> After 8 hours per day.<sup>6</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>7</sup> Scale became 52.1 cents on Nov. 1, 1917.<sup>8</sup> Rate, in cents, per hour.<sup>9</sup> Scale became 12 cents per 1,000 ems on Nov. 1, 1917.<sup>10</sup> Scale became 49 cents on Nov. 1, 1917.<sup>11</sup> Per 1,000 ems.<sup>12</sup> Scale became 49 cents on Sept. 1, 1917.<sup>13</sup> For Sundays and Labor Day; for other holidays, time and one-third.<sup>14</sup> Per 1,000 ems nonpareil.<sup>15</sup> 11 cents per 1,000 ems nonpareil.<sup>16</sup> Maximum; minimum, 7 hours per day, 42 per week.<sup>17</sup> 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.<sup>18</sup> Per 1,000 ems, 8-point or under; over 8-point, 18 cents.<sup>19</sup> Double time after 3 hours.<sup>20</sup> Double time after 8 p. m., and on Saturdays after completion of 48-hour week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## LINOTYPE OPERATORS: Daywork—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		Hours— Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH CENTRAL—concluded.					Regular rate multiplied by—					
Cleveland, Ohio:	Cents.	Dolls.					Cents.	Dolls.		
English.....	62.5	30.00	1½	1	8 -8 -48		53.8	25.80	8 -8 -48	
German.....	50.0	24.00	1½	1	8 -8 -48		55.2	24.00	2 7½ -6 -43½	
Hungarian (morning shift).....	62.1	27.00	1½	1 ½	2 7½ -6 -43½		57.5	25.00	2 7½ -6 -43½	
Hungarian (afternoon shift).....	62.1	27.00	1½	1 ½	2 7½ -6 -43½		55.2	26.50	8 -8 -48	
Columbus, Ohio.....	58.3	28.00	3 ½	4 2	8 -8 -48					
Davenport, Iowa, Rock Island and Moline, Ill.....	47.9	23.00	1½	2	8 -8 -48		45.8	22.00	8 -8 -48	
Des Moines, Iowa.....	50.0	24.00	1½	1½	8 -8 -48		49.0	23.50	8 -8 -48	
Detroit, Mich.:										
English.....	60.5	29.04	1½	1 ½	5 8 -8 -48		55.0	26.40	5 8 -8 -48	
Do.....	626.0	26.00	1½	1 ½	5 8 -8 -48		624.0	24.00	5 8 -8 -48	
German.....	55.0	22.00	7 70c.	7 70c.	8 8 -0 -40					
Hungarian.....	62.1	27.00	1½	9 1½	7 ½ -6 -43½		(10)	(10)	(10)	
Grand Rapids, Mich.....	46.9	22.50	1½	1	8 -8 -48		45.8	22.00	8 -8 -48	
Indianapolis, Ind.:										
English.....	56.3	27.00	11 ½	12 ½	8 -8 -48		53.1	25.50	8 -8 -48	
German.....	50.0	24.00	(13)	(13)	8 -8 -48					
Kansas City, Mo.....	59.4	28.50	1½	1 ½	8 -8 -48					
Milwaukee, Wis.:										
English.....	50.0	24.00	11 ½	2	8 -8 -48					
German.....	47.9	23.00	1½	2	8 -8 -48		45.8	22.00	8 -8 -48	
Minneapolis, Minn.:	10.0	-----	1	1	8 -8 -48					
Omaha, Nebr.:										
English.....	53.1	25.50	1½	1	8 -8 -48					
German.....	53.1	25.50	1½	1	8 -8 -48		46.9	22.50	8 -8 -48	
Peoria, Ill.....	46.3	21.74	1½	16 1	17 8 -7 -47		45.0	21.15	17 8 -7 -47	
St. Louis, Mo.:	1811.5	-----	(19)	1	20 7 -7 -42		1811.0	-----	20 6½ -6½ -33	
St. Paul, Minn.:										
English.....	54.5	26.16	1½	1	8 -8 -48					
Do.....	1810.0	-----	1½	1	8 -8 -48					
German.....	40.6	19.50	1½	2	8 -8 -48					
Wichita, Kans.....	48.4	23.25	1½	1 ½	8 -8 -48		47.4	22.75	8 -8 -48	
SOUTH CENTRAL.										
Birmingham, Ala.....	56.5	23.73	1½	21 1	22 7 -7 -42		55.5	23.31	22 7 -7 -42	
Do.....	15 9.0	-----	1½	1	22 7 -7 -42					
Dallas, Tex.....	1512.0	-----	1	1	22 6½ -6½ -39					
Houston, Tex.....	1511.0	-----	1½	1	22 6 -6 -36					

<sup>1</sup> Do not work on holidays.<sup>2</sup> Allowed 6 days off each year, with pay.<sup>3</sup> Double time after first hour.<sup>4</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>5</sup> Maximum; minimum, 7 hours per day, 42 per week.<sup>6</sup> Per 100 lines nonpareil.<sup>7</sup> Rate, in cents, per hour.<sup>8</sup> Work 5 days per week.<sup>9</sup> Holidays off with pay; paid time and one-half in addition, if work is performed.<sup>10</sup> No scale in effect on May 15, 1916.<sup>11</sup> Double time after midnight.<sup>12</sup> On 6-day newspapers; on 7-day newspapers, no increase in rate.<sup>13</sup> 15 cents per hour more than regular rate.<sup>14</sup> On 7-day newspapers, no increase in rate.<sup>15</sup> Per 1,000 ems nonpareil.<sup>16</sup> Work 6 hours on holidays, paid for full day.<sup>17</sup> Work 8 hours on Saturdays during December.<sup>18</sup> Per 1,000 ems agate or nonpareil.<sup>19</sup> 13½ cents per 1,000 ems until 6 p. m.; 97 cents per hour thereafter.<sup>20</sup> Minimum; maximum, 7½ hours per day, 46 per week.<sup>21</sup> For Sundays, on 6-day newspapers, time and one-half; average about 3 days per week, at 8 hours per day.<sup>22</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>23</sup> Maximum; minimum, 5½ hours per day, 33 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Daywork—Concluded.

Geographical division and city.	May 15, 1917.					Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For over- time.	For Sun- days and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Little Rock, Ark.	65.0	27.30	1½	1½	7 - 7 - 42		Cents.	Dolls.	
Do.	110.0	47.70	1½	1½	7 - 7 - 42	19.5	10.00	7 - 7 - 42	
Louisville, Ky.	54.2	26.00	2 1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Memphis, Tenn.	19.5	9.75	1½	1	7½-7½-45				
Nashville, Tenn.	53.1	25.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
New Orleans, La.	10.0	.....	1½	1	7 - 7 - 42				
WESTERN.									
Butte, Mont.	70.0	31.50	1½	1	7½-7½-45				
Denver, Colo.	63.3	28.50	1½	1	7½-7½-45				
Los Angeles, Cal.	66.7	30.00	1½	1	7½-7½-45	64.4	29.00	7½-7½-45	
Portland, Oreg.	56.8	30.75	102 5¢	1	7½-7½-45				
Salt Lake City, Utah	10.0	.....	1½	1	8 - 8 - 48				
San Francisco, Cal.: English	69.0	29.00	1½	1	7 - 7 - 42				
French	69.0	29.00	1½	1	7 - 7 - 42	57.8	26.00	7½-7½-45	
German	69.0	29.00	1½	1	7 - 7 - 42	57.8	26.00	7½-7½-45	
Italian	69.0	29.00	1½	1	7 - 7 - 42	57.8	26.00	7½-7½-45	
Swedish	69.0	29.00	1½	1	7 - 7 - 42	57.8	26.00	7½-7½-45	
Seattle, Wash.	78.6	33.00	120¢	1	7 - 7 - 42	75.0	31.50	7 - 7 - 42	
Spokane, Wash.	1066.7	30.00	1½	1	7½-7½-45				

## LINOTYPE OPERATORS: Night work.

NORTH ATLANTIC.								
Boston, Mass.	72.0	30.24	6 92c.	1	11 7 - 7 - 42		67.0	28.14
Lobster shift.	77.0	32.34	6 92c.	1	11 7 - 7 - 42	72.0	30.24	11 7 - 7 - 42
Bridgeport, Conn.	52.1	25.00	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48
Buffalo, N. Y.: English	59.4	28.50	1½	1	8 - 8 - 48	56.3	27.00	8 - 8 - 48
German	45.8	22.00	1½	2	8 - 8 - 48			
Manchester, N. H.	43.8	21.00	1½	1	8 - 8 - 48	41.7	20.00	8 - 8 - 48
Newark, N. J.: English	67.4	31.00	2	1	7½-7½-46			
German	62.5	25.00	1½	1	12 8 - 0 - 40			
New Haven, Conn.	56.3	27.00	1½	1	8 - 8 - 48	54.2	26.00	8 - 8 - 48
New York, N. Y.: English	73.3	33.00	1½	1	7½-7½-45			
Third shift	85.7	36.00	1½	1	7 - 7 - 42			
German	77.3	29.00	1½	1	7½-7½-37½	73.3	27.50	7½-7½-37½
Hebrew	118.5	32.00	1½	1	4½-4½-27	114.8	31.00	4½-4½-27
Hungarian	66.7	28.00	1½	2	7 - 7 - 42	61.9	26.00	7 - 7 - 42
Italian	59.5	25.00	1½	2	7 - 7 - 42			

<sup>1</sup> Per 1,000 ems nonpareil.<sup>2</sup> Double time after 3 hours.<sup>3</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>4</sup> Per 1,000 ems agate or nonpareil.<sup>5</sup> Scale became 72.7 cents on Sept. 1, 1917.<sup>6</sup> Rate, in cents, per hour.<sup>7</sup> Offices have option of two 8-hour days per week; overtime after 8 hours on such days.<sup>8</sup> Maximum; minimum, 6½ hours per day, 39 per week.<sup>9</sup> For Sundays; work on holidays, 5 hours, paid for full day.<sup>10</sup> And 1 cent per 100 ems over 41,250 per day.<sup>11</sup> Minimum, 6; maximum, 8 hours per day, 48 per week.<sup>12</sup> Work 5 days per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Night work—Continued.

Geographical division and city.	May 15, 1917.				Hours— Full day; Saturdays; Full week;	Mos. dur- ing year end- ing May 15, 1917, Sat- urday half holi- day pre- vailed	May 15, 1916.				
	Rate of wages—						Per hour.	Rate of wages—			
	Per hour.	Per week full time.	For over- time.	For Sun- days and holi- days.				Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>											
Philadelphia, Pa.: English.....	54.3	25.00	1½	1	7½-7¾-46	18-0-40	60.0	24.00	18-0-40		
German.....	62.5	25.00	1½	1	1 8-0-40						
Pittsburgh, Pa.: English.....	66.0	29.70	2 1½	1	8 7½-7½-45		65.0	29.25	8 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						
Do.....	62.5		1	1	7 6-6-36						
Rochester, N. Y.....	52.1	25.00	1½	1	8-8-48		50.0	24.00	8-8-48		
Scranton, Pa.....	58.3	28.00	1½	1	8-8-48		54.2	26.00	8-8-48		
Springfield, Mass.....	55.6	25.00	1½	1½	7½-7½-45						
Do.....	910.5		1	1	7½-7½-45						
Worcester, Mass.....	1054.2	26.00	1¾	1	8-8-48						
<b>SOUTH ATLANTIC.</b>											
Atlanta, Ga.....	10.0		1½	1	8-8-48						
Baltimore, Md.: English.....	64.3	27.00	4 80c.	1	7-7-42		61.9	26.00	7-7-42		
German.....	45.0	18.00	4 60c.	1	1 8-0-40						
Charleston, S. C.....	911.0		11 13c.	1	12 6½-6½-39						
Richmond, Va.....	50.0	24.00	1½	1	8-8-48						
Washington, D. C.....	66.6	27.96	4 94½c.	1	7-7-42						
<b>NORTH CENTRAL.</b>											
Chicago, Ill.: English.....	1355.0		1½	1½	7½-7½-45						
Bohemian.....	1317.0		16 1½	1½	6-6-36						
German.....	68.8	27.50	2	2	1 8-0-40						
Norwegian.....	60.0	28.80	4 80c.	4 80c.	8-8-48						
Swedish.....	60.0	28.80	1½	2	8-8-48		55.0	26.40	8-8-48		
Cincinnati, Ohio: English.....	62.5	30.00	1½	1	8-8-48						
German.....	50.0	20.00	1	1	1 8-0-40						
Cleveland, Ohio: English.....	68.8	33.00	1½	1	8-8-48		60.0	28.80	8-8-48		
Hungarian.....	62.1	27.00	1½	1½	7½-6-43½						
Columbus, Ohio.....	64.6	31.00	18 1½	19 2	8-8-48		61.5	29.50	8-8-48		
Davenport, Iowa, Moline and Rock Island, Ill.: English.....	52.1	25.00	1½	2	8-8-48		50.0	24.00	8-8-48		
German (Davenport, Iowa).....	47.9	23.00	1½	20 1½	8-8-48		55.2	26.50	8-8-48		
Des Moines, Iowa.....	56.3	27.00	1½	1½	8-8-48						

<sup>1</sup> Work 5 days per week.<sup>2</sup> After 8 hours per day.<sup>3</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Scale became 60 cents on Nov. 1, 1917.<sup>6</sup> Per 1,000 ems nonpareil; scale became 13 cents on Nov. 1, 1917.<sup>7</sup> Minimum; maximum, 7½ hours per day, 45 per week.<sup>8</sup> Scale became 53.1 cents on Nov. 1, 1917.<sup>9</sup> Per 1,000 ems.<sup>10</sup> Scale became 55.2 cents on Sept. 1, 1917.<sup>11</sup> Rate, in cents, per 1,000 ems nonpareil.<sup>12</sup> Minimum, 6; maximum, 8 hours per day, 48 per week.<sup>13</sup> 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 per hour.<sup>14</sup> For Sundays, on 6-day newspapers, double time.<sup>15</sup> Per 1,000 ems, 8-point or under; over 8-point, 20 cents.<sup>16</sup> Double time after 3 hours.<sup>17</sup> For Sundays; do not work on holidays; allowed 6 days off each year with pay.<sup>18</sup> Double time after first hour.<sup>19</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>20</sup> For Sundays; for holidays, regular rate.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

LINOTYPE OPERATORS: Night work—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—			Hours— Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.			Per hour.	Per week full time.		
<b>NORTH CENTRAL—concluded.</b>									
Detroit, Mich.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.		
English.....	66.0	31.68	1½	1	1 8 - 8 - 48	60.0	28.80	1 8 - 8 - 48	
English.....	28.0	13	1	1	1 8 - 8 - 48	26.0	—	1 8 - 8 - 48	
Hungarian.....	64.4	32.00	1½	3 1½	7½ - 6 - 43½	(4)	(4)	(4)	
Grand Rapids, Mich. ....	51.0	24.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Indianapolis, Ind.:									
English.....	60.4	29.00	1½	5 1½	8 - 8 - 48	57.3	27.50	8 - 8 - 48	
German.....	54.2	26.00	(6)	(6)	8 - 8 - 48	—	—	—	
Kansas City, Mo. ....	62.5	30.00	1½	1	8 - 8 - 48	—	—	—	
Milwaukee, Wis.:									
English.....	56.3	27.00	1½	1	8 - 8 - 48	—	—	—	
German.....	54.2	26.00	1½	1	8 - 8 - 48	52.1	25.00	8 - 8 - 48	
Minneapolis, Minn. ....	711.0	—	1	1	8 6 - 6 - 36	—	—	—	
Omaha, Nebr.:									
English.....	59.4	28.50	1½	1	8 - 8 - 48	—	—	—	
German.....	59.4	28.50	1½	1	8 - 8 - 48	53.1	25.50	8 - 8 - 48	
Peoria, Ill. ....	51.3	24.60	1½	9 1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
St. Louis, Mo.:									
English.....	1013.5	—	(11)	1	12 7 - 7 - 42	1013.0	—	12 6½ - 6½ - 39	
German.....	72.0	28.80	(12)	1	14 7½ - 10 - 40	66.7	26.67	14 7½ - 10 - 40	
St. Paul, Minn.:									
English.....	61.0	29.28	1½	1	8 - 8 - 48	—	—	—	
English.....	711.0	—	1½	1	8 - 8 - 48	—	—	—	
German.....	46.9	22.50	1½	2	8 - 8 - 48	—	—	—	
Wichita, Kans. ....	54.7	26.25	1½	1½	8 - 8 - 48	53.6	25.75	8 - 8 - 48	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala. ....	61.5	25.83	1½	15 1	8 7 - 7 - 42	60.5	25.41	8 7 - 7 - 42	
Do. ....	710.0	—	1½	15 1	8 7 - 7 - 42	—	—	—	
Dallas, Tex. ....	713.0	—	1	1	16 6½ - 6½ - 39	—	—	—	
Houston, Tex. ....	711.5	—	1½	1	8 6 - 6 - 36	—	—	—	
Little Rock, Ark. ....	70.0	29.40	1½	1	7 - 7 - 42	—	—	—	
Do. ....	710.5	—	1½	1	7 - 7 - 42	10.0	—	7 - 7 - 42	
Louisville, Ky.:									
English.....	60.0	28.80	17 1½	1	8 - 8 - 48	55.0	26.40	8 - 8 - 48	
German.....	50.0	20.00	18 50c.	1	14 8 - 0 - 40	—	—	—	
Memphis, Tenn. ....	710.5	—	1½	1	7½ - 7½ - 45	—	—	—	
Nashville, Tenn. ....	58.4	28.50	1½	1	8 - 8 - 48	56.3	27.00	8 - 8 - 48	
New Orleans, La. ....	1012.0	—	1½	1	7 - 7½ - 42½	—	—	—	

1 Maximum; minimum, 7 hours per day, 42 per week.

2 Per 100 lines nonpareil.

3 For Sundays; holidays off with pay; paid time and one-half in addition, if work is performed.

4 No scale in effect on May 15, 1916.

5 On 6-day newspapers; on 7-day newspapers, no increase in rate.

6 15 cents per hour more than regular rate.

7 Per 1,000 ems nonpareil.

8 Minimum; maximum, 8 hours per day, 48 per week.

9 For Sundays; work 6 hours on holidays, paid for full day.

10 Per 1,000 ems agate or nonpareil.

11 1½ cents per 1,000 ems until 5 a. m.; \$1.08 per hour thereafter.

12 Minimum; maximum, 7½ hours per day, 45 per week.

13 86 cents per hour until 5 a. m.; \$1.08 per hour thereafter.

14 Work 5 days per week.

15 For Sundays, on 6-day newspapers, time and one-half.

16 Maximum; minimum, 5½ hours per day, 33 per week.

17 Double time after 3 hours.

18 Rate, in cents, per hour.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## LINOTYPE OPERATORS: Night work—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
WESTERN.	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Butte, Mont.	76.7	34.50	1½	1	7½-7½-45				
Denver, Colo.	70.0	31.50	1½	1	7½-7½-45				
Los Angeles, Cal.	73.3	33.00	1½	1	7½-7½-45				
Portland, Oreg.	75.0	33.75	11½ <sup>c</sup>	1	7½-7½-45				
Salt Lake City, Utah	311.0	120.0	1½	1	48-8-48				
San Francisco, Cal.:									
English	76.2	32.00	1½	1	7-7-42				
French	76.2	32.00	1½	1	7-7-42				
German	76.2	32.00	1½	1	7-7-42		64.4	29.00	
Italian	76.2	32.00	1½	1	7-7-42		64.4	29.00	
Seattle, Wash.	85.7	36.00	120c.	5	1	7-7-42		82.1	34.50
Spokane, Wash.	673.3	33.00	1½	1	7½-7½-45				

## MACHINE TENDERS: Daywork.

NORTH ATLANTIC.								
Boston, Mass.	68.0	28.56	2 87c.	1	7 7-7-42		63.0	26.46
Bridgeport, Conn.	47.9	23.00	1½	2	8-8-48		45.8	22.00
Buffalo, N. Y.	61.5	29.50	1½	2	8-8-48		58.3	28.00
Fall River, Mass.	45.8	22.00	8 1½	2	8-8-48			
Manchester, N. H.	54.2	26.00	1½	1	8-8-48		52.1	25.00
Newark, N. J.	63.0	29.00	2	1	7½-7½-45		60.9	28.00
New Haven, Conn.	53.1	25.50	1½	2	8-8-48		51.0	24.50
New York, N. Y.:								
1 to 4 machines	55.6	25.00	1½	10	1	7½-7½-45		
5 to 8 machines	57.8	26.00	1½	10	1	7½-7½-45		
9 to 12 machines	64.4	29.00	1½	10	1	7½-7½-45		
13 or more machines	68.9	31.00	1½	10	1	7½-7½-45		
Philadelphia, Pa.	45.8	22.00	1½	1	8-8-48			
Pittsburgh, Pa.:	66.7	30.00	11 1½	1	12 7½-7½-45			
Assistants	43.3	19.50	11 1½	1	12 7½-7½-45			
Providence, R. I.	150.0	24.00	2 70c.	1	8-8-48			
Rochester, N. Y.	56.3	27.00	1½	2	8-8-48		50.0	24.00
Scranton, Pa.	52.1	25.00	1½	1	8-8-48		47.9	23.00
Springfield, Mass.	52.1	25.00	1½	1½	8-8-48			
Worcester, Mass.	147.9	23.00	1½	15	2	8-8-48		

<sup>1</sup> Scale became 79.3 cents on Sept. 1, 1917.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Per 1,000 ems agate or nonpareil.<sup>4</sup> Maximum; minimum, 6½ hours per day, 39 per week.<sup>5</sup> For Sundays; work on holidays, 5 hours, paid for full day.<sup>6</sup> 1 cent per 100 ems for more than 41,250 ems per day.<sup>7</sup> Actual hours worked; minimum, 6 hours per day, 36 per week; maximum, 8 hours per day, 48 per week.<sup>8</sup> Double time after 6 hours.<sup>9</sup> Scale became 65.2 cents on June 1, 1917.<sup>10</sup> For Sundays, on 6-day newspapers, double time.<sup>11</sup> After 8 hours per day.<sup>12</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>13</sup> Scale became 52.1 cents on Nov. 1, 1917.<sup>14</sup> Scale became 49 cents on Sept. 1, 1917.<sup>15</sup> For Sundays; for holidays, time and one-third.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## MACHINE TENDERS: Daywork—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.						
<i>SOUTH ATLANTIC.</i>										
Atlanta, Ga.....	52.1	25.00	1½	1	8 -8 -48					
Baltimore, Md.....	61.9	26.00	1'75c.	1	7 -7 -42		59.5	25.00	7 -7 -42	
Charleston, S. C.....	59.5	25.00	1	1	2 7 -7 -42					
Jacksonville, Fla.....	52.1	25.00	1½	3 1	8 -8 -48					
Richmond, Va.....	45.8	22.00	1½	1	8 -8 -48					
Washington, D. C.....	60.7	25.50	1'86c.	1	7 -7 -42					
<i>NORTH CENTRAL.</i>										
Chicago, Ill.: English.....	64.4	29.00	1½	3 1	7½ -71 -45					
Bohemian.....	70.0	25.20	1½	4 1½	6 -6 -36					
German.....	62.5	25.00	2	2	8 -8 -48					
Swedish.....	55.0	26.40	6 1½	2	8 -8 -48		50.0	24.00	8 -8 -48	
Cincinnati, Ohio: Assistants.....	56.3	27.00	1½	1½	8 -8 -48					
Helpers.....	47.9	23.00	1½	1½	8 -8 -48					
Cleveland, Ohio.....	62.5	30.00	6 1½	1	8 -8 -48		53.8	25.80	8 -8 -48	
Columbus, Ohio.....	58.3	28.00	7 1½	8 2	8 -8 -48		55.2	26.50	8 -8 -48	
Des Moines, Iowa.....	50.0	24.00	1½	1½	8 -8 -48		49.0	23.50	8 -8 -48	
Detroit, Mich.....	60.5	29.04	1½	1½	9 8 -8 -48		55.0	26.40	8 -8 -48	
Grand Rapids, Mich.....	46.9	22.50	1½	1	8 -8 -48		45.8	22.00	8 -8 -48	
Indianapolis, Ind.: Assistants.....	56.3	27.00	1½	10 1½	8 -8 -48		53.1	25.50	8 -8 -48	
Kansas City, Mo.....	62.5	30.00	1½	1½	8 -8 -48		45.8	22.00	8 -8 -48	
Milwaukee, Wis.....	50.0	24.00	11 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.....	46.3	21.74	1½	12 1	13 8 -7 -47		45.0	21.15	8 -7 -47	
St. Louis, Mo.....	63.4	29.16	(14)	1	7½ -73 -46		58.7	27.00	7½ -73 -46	
St. Paul, Minn.....	54.5	26.16	1½	1	8 -8 -48					
Wichita, Kans.....	48.4	23.25	1½	1½	8 -8 -48		47.4	22.75	8 -8 -48	
<i>SOUTH CENTRAL.</i>										
Birmingham, Ala.....	56.5	23.73	1½	16 1	2 7 -7 -42		55.5	23.31	2 7 -7 -42	
Dallas, Tex.....	62.5	30.00	1½	2	8 -8 -48					
Houston, Tex.: Assistants.....	59.4	28.50	1½	1	8 -8 -48		58.3	28.00	8 -8 -48	
Little Rock, Ark.....	54.2	26.00	1½	1½	8 -8 -48					
Louisville, Ky.: 14 to 18 machines.....	66.7	32.00	16 1½	1½	8 -8 -48		62.5	30.00	8 -8 -48	
19 to 25 machines.....	70.8	34.00	16 1½	1½	8 -8 -48		66.7	32.00	8 -8 -48	
Memphis, Tenn.....	66.7	30.00	17 1½	1	7½ -71 -45					
New Orleans, La.....	57.0	24.23	1½	1	7 -7½ -42½					

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>3</sup> For Sundays, on 6-day newspapers, double time.<sup>4</sup> Double time after 3 hours.<sup>5</sup> Double time after 8 p. m. and on Saturdays after completion of 48-hour week.<sup>6</sup> After 8 hours per day.<sup>7</sup> Double time after first hour.<sup>8</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>9</sup> Maximum; minimum, 7 hours per day, 42 per week.<sup>10</sup> On 7-day newspapers, regular rate.<sup>11</sup> Double time after midnight.<sup>12</sup> Work 6 hours on holidays, paid for full day.<sup>13</sup> Eight hours on Saturdays during December.<sup>14</sup> 76 cents per hour until 6 p. m.; 97 cents per hour thereafter.<sup>15</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>16</sup> Double time after 3 hours.<sup>17</sup> After completion of 8-hour day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINE TENDERS: Daywork—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages— May 15, 1917, Sat- urday half holl- iday pre- vailed	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.				Per hour.	Per week full time.	
WESTERN.	Cents.	Dolls.	Regular rate multiplied by					Cents.	Dolls.	
Butte, Mont.	70.0	31.50	1½	1	7½-7½-45					
Denver, Colo.	63.3	28.50	1½	1	7½-7½-45					
Los Angeles, Cal.	66.7	30.00	1½	1	7½-7½-45			64.4	29.00	
Portland, Oreg.	68.3	30.75	2	102.5	1	7½-7½-45				
Assistants	37.5	18.00	1½	1	8-8-48					
Salt Lake City, Utah	62.5	30.00	1½	1	8-8-48					
San Francisco, Cal.: English	76.2	32.00	1½	1	7-7-42					
Assistant	61.9	26.00	1½	1	7-7-42					
Seattle, Wash.	78.6	33.00	2	120c.	5	7-7-42		75.0	31.50	
									7-7-42	

## MACHINE TENDERS: Night work.

NORTH ATLANTIC.									
Boston, Mass.	72.0	30.24	2	92c.	1	6 7 -7 -42		67.0	28.14
Buffalo, N. Y.	61.5	29.50	1½	1	8-8-48		58.3	28.00	8-8-48
Newark, N. J.	67.4	31.00	2	1	7½-7½-45				
New Haven, Conn.	62.5	30.00	1½	1	8-8-48		60.4	29.00	8-8-48
New York, N. Y.: 1 to 4 machines	66.7	30.00	1½	1	7½-7½-45				
5 to 8 machines	68.9	31.00	1½	1	7½-7½-45				
9 to 12 machines	75.6	34.00	1½	1	7½-7½-45				
13 machines or over	80.0	36.00	1½	1	7½-7½-45				
Philadelphia, Pa.	54.3	25.00	1½	1	7½-7½-45				
Pittsburgh, Pa.	66.7	30.00	1½	1	7½-7½-45				
Assistant	43.3	19.50	1½	1	7½-7½-45				
Providence, R. I.	857.8	26.00	2	70c.	1	7½-7½-45			
Rochester, N. Y.	58.3	28.00	1½	1	8-8-48		54.2	26.00	8-8-48
Springfield, Mass.	56.3	27.00	1	1	8-8-48				
Worcester, Mass.	954.2	26.00	1½	1	8-8-48				
SOUTH ATLANTIC.									
Atlanta, Ga.	57.3	27.50	1½	1	8-8-48				
Baltimore, Md.: English	64.3	27.00	2	80c.	1	7-7-42		61.9	26.00
German	45.0	18.00	2	60c.	1	10 8 -0 -40			
Charleston, S. C.	76.9	30.00	1	1	11 7 -7 -42				
Richmond, Va.	50.0	24.00	1½	1	8-8-48				
Washington, D. C.	66.6	27.96	2	94.5	1	7-7-42			
NORTH CENTRAL.									
Chicago, Ill.: English	1268.9	31.00	1½	13 1		7½-7½-45			
Bohemian	75.0	27.00	14 1½	1½		6-6-36			
German	75.0	30.00	2	2		10 8 -0 -40			

<sup>1</sup> Scale became 72.7 cents on Sept. 1, 1917.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> Officers have option of two 8-hour days per week; overtime after 8 hours on such days.<sup>4</sup> Maximum; minimum, 6½ hours per day, 39 per week.<sup>5</sup> For Sundays; work 5 hours on holidays, paid for full day.<sup>6</sup> Minimum, 6 hours; maximum, 8 hours per day, 48 per week.<sup>7</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>8</sup> Scale became 60 cents on Nov. 1, 1917.<sup>9</sup> Scale became 55.2 cents on Sept. 1, 1917.<sup>10</sup> Work 5 days per week.<sup>11</sup> Maximum, 8 hours per day, 48 per week.<sup>12</sup> Scale became 73.3 cents on Oct. 11, 1917.<sup>13</sup> For Sundays, on 6-day newspapers, double time.<sup>14</sup> Double time after 3 hours.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

MACHINE TENDERS: Night work—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH CENTRAL—concluded.									
Cincinnati, Ohio.....	62.5	30.00	1½	1	8-8-48				
Assistants.....	54.2	26.00	1½	1	8-8-48				
Helpers.....	43.8	21.00	1½	1	8-8-48				
Cleveland, Ohio.....	68.8	33.00	1½	1	8-8-48				
Columbus, Ohio.....	64.6	31.00	1 1½	2	8-8-48				
Des Moines, Iowa.....	56.3	27.00	1½	1½	8-8-48				
Detroit, Mich.....	66.0	31.68	1½	1	8-8-48				
Grand Rapids, Mich.....	51.0	24.50	1½	1	8-8-48				
Indianapolis, Ind.....	60.4	29.00	1	1½	8-8-48				
Kansas City, Mo.....	62.5	30.00	1½	1	8-8-48				
Milwaukee, Wis.....	56.3	27.00	1½	1	8-8-48				
Minneapolis, Minn.....	60.0	28.80	1½	1	8-8-48				
Omaha, Nebr.....	59.4	28.50	1½	1	8-8-48				
Peoria, Ill.....	51.3	24.60	1½	5 1	8-8-48				
St. Louis, Mo.....	72.0	32.40	(6)	1	7½-7½-45				
St. Paul, Minn.....	61.0	29.28	1½	1	8-8-48				
Wichita, Kans.....	54.7	26.25	1½	1½	8-8-48				
SOUTH CENTRAL.									
Birmingham, Ala.....	61.5	25.83	1½	7 1	8 7 -7 -42				
Dallas, Tex.....	72.9	35.00	1½	2	8-8-48				
Assistants.....	59.4	28.50	1½	2	8-8-48				
Houston, Tex.....	72.9	35.00	1½	1	8-8-48				
Assistants.....	59.4	28.50	1½	1	8-8-48				
Little Rock, Ark.....	62.5	30.00	1½	1½	8-8-48				
Louisville, Ky.: 14 to 18 machines.....	66.7	32.00	10 1½	1	8-8-48				
19 to 25 machines.....	70.8	34.00	10 1½	1	8-8-48				
Memphis, Tenn.....	77.8	35.00	1½	1	7½-7½-45				
New Orleans, La.....	61.1	27.50	1½	1	7½-7½-45				
WESTERN:									
Butte, Mont.....	76.7	34.50	1½	1	7½-7½-45				
Denver, Colo.....	70.0	31.50	1½	1	8-8-48				
Los Angeles, Cal.....	73.3	33.00	1½	1	7½-7½-45				
Portland, Oreg.....	175.0	33.75	12½	1	7½-7½-45				
Salt Lake City, Utah.....	68.8	33.00	1½	1	12 8-8-48				
San Francisco, Cal.: Head machine tender.....	83.3	35.00	1½	1	7-7-42				
Assistant.....	61.9	26.00	1½	1	7-7-42				
Seattle, Wash.....	85.7	36.00	12½	1	7-7-42				

<sup>1</sup> Double time after first hour.<sup>2</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas Day, paid for full day.<sup>3</sup> Maximum, 8 hours per day, 48 per week; minimum, 7 hours per day, 42 per week.<sup>4</sup> On 6-day newspapers; on 7-day newspapers, no increase in rate.<sup>5</sup> For Sundays; work 6 hours on holidays, paid for full day.<sup>6</sup> 86 cents per hour until 5 a. m.; \$1.08 per hour thereafter.<sup>7</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>8</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>9</sup> Scale became 60.4 cents on July 1, 1917.<sup>10</sup> Double time after 3 hours.<sup>11</sup> Scale became 79.3 cents on Sept. 1, 1917.<sup>12</sup> Rate, in cents, per hour.<sup>13</sup> Maximum; minimum, 6½ hours per day, 39 per week.<sup>14</sup> For Sundays; work 5 hours on holidays, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## MACHINIST-OPERATORS: Daywork.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<i>REGULAR RATE MULTIPLIED BY</i>									
NORTH ATLANTIC.	Cents.	Dolls.							
Buffalo, N. Y.....	57.3	27.50	1½	2	8 -8 -48	54.2	26.00		
Worcester, Mass.: French.....	43.8	21.00	1¾	1 2	8 -8 -48	.....	.....		
<i>REGULAR RATE MULTIPLIED BY</i>									
NORTH CENTRAL.									
St. Paul, Minn.....	40.6	19.50	1½	2	8 -8 -48	.....	.....		
<i>REGULAR RATE MULTIPLIED BY</i>									
SOUTH CENTRAL.									
Memphis, Tenn.....	77.8	35.00	1½	1	7 ½-7 ½-45	.....	.....		
<i>REGULAR RATE MULTIPLIED BY</i>									
WESTERN.									
San Francisco, Cal.....	76.2	32.00	1½	1	7 -7 -42	.....	.....		
Seattle, Wash.....	85.7	36.00	3 120c	4 1	7 -7 -42	82.1	34.50		
Spokane, Wash.....	67.7	30.00	1½	1	7 ½-7 ½-45	.....	7 -7 -42		

## MACHINIST-OPERATORS: Night work.

NORTH ATLANTIC.									
Buffalo, N. Y.....	61.5	29.50	1½	1	8 -8 -48	58.3	28.00	8 -8 -48	
Manchester, N. H.....	50.0	24.00	1½	1	8 -8 -48	47.9	23.00	8 -8 -48	
<i>REGULAR RATE MULTIPLIED BY</i>									
WESTERN.									
San Francisco, Cal.: English.....	83.3	35.00	1½	1	7 -7 -42	.....	.....	.....	
German.....	81.0	34.00	1½	1	7 -7 -42	68.9	31.00	7 ½-7 ½-45	
Italian.....	81.0	34.00	1½	1	7 -7 -42	68.9	31.00	7 ½-7 ½-45	
Seattle, Wash.....	92.9	39.00	3 120c	4 1	7 -7 -42	89.3	37.50	7 -7 -42	
Spokane, Wash.....	73.3	33.00	1½	1	7 ½-7 ½-45	.....	.....	.....	

## PHOTO-ENGRAVERS: Daywork.

NORTH ATLANTIC.									
Boston, Mass.....	60.4	29.00	1½	1	8 -8 -48	56.3	27.00	8 -8 -48	
Buffalo, N. Y.....	56.3	27.00	1½	2	8 -8 -48	.....	.....	.....	
New York, N. Y.....	64.4	29.00	1½	1	7 ½-7 ½-45	.....	.....	.....	
Philadelphia, Pa.....	58.3	28.00	6 1½	2	7 8 -8 -48	54.2	26.00	7 8 -8 -48	
Pittsburgh, Pa.....	54.2	26.00	6 1½	1½	8 -8 -48	43.8	21.00	8 -8 -48	
Providence, R. I.....	60.4	29.00	1½	1½	7 8 -8 -48	.....	.....	.....	

<sup>1</sup> For Sundays and Labor Day; for other holidays time and one-third.<sup>2</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>3</sup> Rate, in cents, per hour.<sup>4</sup> For Sundays; work 5 hours on holidays, paid for full day.<sup>5</sup> Scale became 73.3 cents on June 1, 1917.<sup>6</sup> Double time after 4 hours.<sup>7</sup> Hours vary, but total 48 per week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## PHOTO-ENGRAVERS: Daywork—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week.	Rate of wages—		
	Per hour	Per week full time.	For overtime.	For Sundays and holidays.			Per hour	Per week full time.	
NORTH CENTRAL.									
Chicago, Ill.....	Cents. 54.2	Dolls. 26.00	<i>Regular rate multiplied by—</i> $\frac{1}{2}$ $\frac{1}{2} \frac{1}{2}$		8 -8 -48		Cents. 52.1	Dolls. 25.00	
Cincinnati, Ohio.....	56.8	27.25	$\frac{1}{2}$ $\frac{2}{2}$		8 -8 -48		52.1	25.00	
Cleveland, Ohio.....	65.0	31.20	$\frac{1}{2}$ $\frac{8}{1}$		8 -8 -48		56.3	27.00	
Columbus, Ohio.....	58.3	28.00	$\frac{1}{2}$ $\frac{2}{2}$		8 -8 -48		54.2	26.00	
WESTERN.									
San Francisco, Cal.....	57.8	26.00	$\frac{1}{2}$	1	$7\frac{1}{2}$ - $7\frac{1}{2}$ -45				

## PHOTO-ENGRAVERS: Night work.

NORTH ATLANTIC.								
Boston, Mass.....	66.7	32.00	$\frac{1}{2}$	1	8 -8 -48		62.5	30.00
Buffalo, N. Y.....	35.4	17.00	$\frac{1}{2}$	2	8 -8 -48			
Philadelphia, Pa.....	66.7	28.00	$\frac{4}{12}$	$5\frac{1}{12}$	$6\frac{3}{4}$ -0 -42	12	61.9	26.00
Pittsburgh, Pa.....	60.4	29.00	$\frac{4}{12}$	$1\frac{1}{2}$	8 -8 -48		43.8	21.00
New York, N. Y.....	771.1	32.00	$\frac{1}{2}$	1	$7\frac{1}{2}$ - $7\frac{1}{2}$ -45			
NORTH CENTRAL.								
Chicago, Ill.....	60.4	29.00	$\frac{1}{2}$	1	8 -8 -48		58.3	28.00
Cincinnati, Ohio.....	59.9	28.75	$\frac{1}{2}$	1	8 -8 -48		55.2	26.50
Cleveland, Ohio.....	71.3	34.20	$\frac{1}{2}$	$3\frac{1}{12}$	8 -8 -48		62.5	30.00
Columbus, Ohio.....	70.5	31.00	$\frac{1}{2}$	$8\frac{2}{12}$	$9\frac{7}{8}$ -8 -44		58.3	28.00
Detroit, Mich.....	50.0	24.00	$\frac{1}{2}$	1	8 -8 -48			
Grand Rapids, Mich.....	52.1	25.00	$\frac{1}{2}$	1	8 -8 -48			
WESTERN.								
San Francisco, Cal.....	64.4	29.00	$\frac{1}{2}$	1	$7\frac{1}{2}$ - $7\frac{1}{2}$ -45			

## PRESSMEN, WEB PRESSES: Daywork.

NORTH ATLANTIC.								
Boston, Mass.: Head pressmen.....	63.4	26.64	$10\frac{1}{12}$	$11\frac{2}{12}$	7 -7 -42		59.3	24.90
Journeymen.....	52.7	22.14	$12\frac{1}{12}$	$11\frac{2}{12}$	7 -7 -42		49.3	20.70
Brakemen.....	59.6	25.02	$13\frac{1}{12}$	$11\frac{2}{12}$	7 -7 -42		55.7	23.40
Bridgeport, Conn.: Head pressmen.....	52.1	25.00	1	1	8 -8 -48			
Assistants.....	31.3	15.00	1	1	8 -8 -48			

<sup>1</sup> For less than 4 hours; for 4 hours a full day's pay; for more than 4 hours to 8 hours,  $1\frac{1}{2}$  days' pay.<sup>2</sup> For Sundays; for holidays, regular rate.<sup>3</sup> Work 6 hours, paid for full day.<sup>4</sup> Double time after 4 hours.<sup>5</sup> Do not work on Sundays.<sup>6</sup> Work 5 days per week, 8 hours on Fridays; full holiday on Saturdays.<sup>7</sup> Scale became 80 cents and 42 hours on June 1, 1917.<sup>8</sup> For Sundays; for holidays, regular rate.<sup>9</sup> 7 hours, Mondays to Thursdays, inclusive.<sup>10</sup> 74 cents per hour on Saturdays after 5 p. m.<sup>11</sup> For Sundays, July 4, Labor Day, and Thanksgiving Day; other holidays, regular rate.<sup>12</sup> 61.5 cents per hour on Saturday after 5 p. m.<sup>13</sup> 69.5 cents per hour on Saturday after 5 p. m.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
NORTH ATLANTIC—continued.									
Buffalo, N. Y.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.	
Head pressmen.....	53.1	129.75	1½	2	1 8 -15 -55				
Tension men.....	40.6	22.75	1½	2	2 8 -15 -55				
Oilers, platers, and brakemen.....	37.5	21.00	1½	2	2 8 -15 -55				
Floor men.....	28.1	15.75	1½	2	4 8 -15 -55				
Fall River, Mass.:									
Head pressmen, 3-deck presses.....	52.1	25.00	1	1	6 8 - 8 -48				
Journeymen, 2-deck presses.....	46.9	22.50	1	1	6 8 - 8 -48				
Newark, N. J.:							(6)	(6)	
Head pressmen.....	62.5	30.00	1½	7 1½	8 - 8 -48				
Journeymen.....	50.0	24.00	1½	7 1½	8 - 8 -48				
New Haven, Conn.:									
Head pressmen.....	55.6	30.00	1½	1	8 -14 -54				
Tension men and brakemen.....	38.9	21.00	1½	1	8 -14 -54				
New York, N. Y.:									
Head pressmen.....	68.9	31.02	8 94c.	2	7½ - 7½ -45				
Journeymen.....	55.6	25.02	8 75c.	2	7½ - 7½ -45				
Philadelphia, Pa.:									
Head pressmen.....	52.1	25.00	1½	9 1	8 - 8 -48				
Tension men and brakemen.....	37.5	18.00	1½	9 1	8 - 8 -48				
Oilers, platers, and floor men.....	34.4	16.50	1½	9 1	8 - 8 -48				
Pittsburgh, Pa.:									
Head pressmen.....	1048.1	23.10	1½	2	8 - 8 -48				
First assistants.....	1041.9	20.10	1½	2	8 - 8 -48				
Second assistants.....	1141.3	19.80	1½	2	8 - 8 -48				
Third assistants.....	1241.3	19.80	1½	2	8 - 8 -48				
Fourth assistants.....	1238.8	18.60	1½	2	8 - 8 -48				
Providence, R. I.:									
Head pressmen.....	50.0	24.00	1½	13 2	8 - 8 -48				
Journeymen.....	45.0	21.60	1½	13 2	8 - 8 -48				
Rochester, N. Y.:									
Head pressmen.....	52.1	25.00	1½	1½	8 - 8 -48				
Color setters.....	37.5	18.00	1½	1½	8 - 8 -48				
Tension men.....	33.3	16.00	1½	1½	8 - 8 -48				
Floor men.....	29.2	14.00	1½	1½	8 - 8 -48				
Scranton, Pa.:									
Second pressmen <sup>14</sup> .....	43.8	21.00	15 1½	2	8 - 8 -48				
Third pressmen.....	37.5	18.00	15 1½	2	8 - 8 -48				
Helpers, first assistant.....	33.3	16.00	15 1½	2	8 - 8 -48				
Helpers, second assistant.....	31.3	15.00	15 1½	.2	8 - 8 -48				

<sup>1</sup> 48 hour's daywork at 53.1 cents, and 7 hour's night work at 60.7 cents.<sup>2</sup> 48 hour's daywork at 40.6 cents, and 7 hour's night work at 47.4 cents.<sup>3</sup> 48 hour's daywork at 37.5 cents, and 7 hour's night work at 42.9 cents.<sup>4</sup> 48 hour's daywork at 28.1 cents, and 7 hour's night work at 32.1 cents.<sup>5</sup> Allowed 1 week's vacation each year, with pay.<sup>6</sup> No scale in effect on May 15, 1916.<sup>7</sup> For Sundays; holidays off with pay.<sup>8</sup> Rate, in cents, per hour.<sup>9</sup> For Sundays; for holidays, time and one-half.<sup>10</sup> Scale became 54.2 cents on Sept. 11, 1917.<sup>11</sup> Scale became 51 cents on Sept. 11, 1917.<sup>12</sup> Scale became 49 cents on Sept. 11, 1917.<sup>13</sup> For Sundays; for holidays, single time.<sup>14</sup> Rate for head pressman not specified in scale.<sup>15</sup> Double time after midnight.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week:		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC—concluded.</b>										
Springfield, Mass.:					Regular rate multiplied by—					
Head pressmen.....	Cents. 52.6	Dolls. 25.02	1½	2	8-8-48		Cents.	Dolls.		
Journeymen.....	40.6	19.50	1½	2	8-8-48		37.5	18.00	8-8-48	
Worcester, Mass.:										
Head pressmen.....	56.3	27.00	1½	1 1½	8-8-48					
Journeymen.....	43.8	21.00	1½	1 1½	8-8-48					
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.:										
Head pressmen.....	50.0	24.00	1½	1	8-8-48					
Journeymen.....	43.8	21.00	1½	1	8-8-48					
Baltimore, Md.:										
Head pressmen.....	50.0	24.00	1½	(2)	8-8-48					
First assistants.....	37.5	18.00	1½	(2)	8-8-48					
Second assistants.....	34.4	16.50	1½	(2)	8-8-48					
Charleston, S. C.: Head pressmen.....	50.0	24.00	1½	1	8-8-48					
Jacksonville, Fla.:										
Head pressmen.....	62.5	30.00	1½	3 1	8-8-48					
First assistants.....	46.9	22.50	1½	3 1	8-8-48					
Oilers, platers, and floor men.....	37.5	18.00	1½	3 1	8-8-48					
Richmond, Va.:										
Head pressmen.....	43.8	21.00	1½	4 1	8-8-48		41.7	20.00	8-8-48	
Journeymen.....	29.2	14.00	1½	4 1	8-8-48					
Washington, D. C.:										
Head pressmen.....	47.0	22.56	1½	1	8-8-48					
Tension men.....	38.8	18.60	1½	1	8-8-48		33.3	15.96	8-8-48	
Oilers and platers.....	37.5	18.00	1½	1	8-8-48		31.4	15.06	8-8-48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:										
Head pressmen.....	62.5	30.00	1½	2	8-8-48					
Journeymen.....	50.0	24.00	1½	2	8-8-48					
Cincinnati, Ohio:										
Head pressmen.....	53.1	25.50	1½	5 1	8-8-48					
Tension men.....	46.3	22.20	1½	5 1	8-8-48					
Oilers and platers.....	43.1	20.70	1½	5 1	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					
Columbus, Ohio:										
Head pressmen.....	56.3	27.00	1½	1	8-8-48		50.0	24.00	8-8-48	
Davenport, Iowa:							40.6	19.50	8-8-48	
Head pressmen.....	46.9	22.50	1½	1	8-8-48					
Journeymen.....	39.6	19.00	1½	1	8-8-48		54.2	26.00	8-8-48	
Des Moines, Iowa:							37.5	18.00	8-8-48	
Head pressmen.....	62.5	30.00	1	1	8-8-48					
Tension men.....	37.5	18.00	1½	1½	8-8-48					
Oilers.....	33.3	16.00	1½	1½	8-8-48					

<sup>1</sup> For Sundays; for holidays, single time.<sup>2</sup> Work 5 hours, paid for full day; time and one-half after 5 hours.<sup>3</sup> For Sundays, on 6-day newspapers, double time.<sup>4</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>5</sup> Work 5 hours on holidays, paid for full day.<sup>6</sup> Scale became 59.4 cents on Sept. 5, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## PRESSMEN, WEB PRESSES: Daywork—Continued.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH CENTRAL—concluded.</b>									
Detroit, Mich.: Head pressmen.....	Cents. 57.3	Dolls. 27.50	<i>Regular rate multiplied by—</i>		8 - 8 - 48	.....	Cents. 47.9	Dolls. 23.00	8 - 8 - 48
Brakemen and offside men.....	50.0	24.00	1½	1½	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48
Oilers, Platers, and floor men.....	46.9	22.50	1½	1½	8 - 8 - 48	.....	37.5	18.00	8 - 8 - 48
Grand Rapids, Mich.: Head men.....	37.5	18.00	1½	2	8 - 8 - 48	.....			
Indianapolis, Ind.: Head pressmen.....	154.2	26.00	1½	2 1	8 - 8 - 48	.....	53.1	25.50	8 - 8 - 48
Tension men and brake-men.....	346.9	22.50	1½	2 1	8 - 8 - 48	.....	45.8	22.00	8 - 8 - 48
Oilers and platers.....	445.8	22.00	1½	2 1	8 - 8 - 48	.....	44.8	21.50	8 - 8 - 48
Riggers.....	39.6	19.00	1½	2 1	8 - 8 - 48	.....	38.5	18.50	8 - 8 - 48
Kansas City, Mo.: Head pressmen.....	53.1	25.50	1½	1	8 - 8 - 48	.....			
Journeymen.....	46.9	22.50	1½	1	8 - 8 - 48	.....			
Milwaukee, Wis.: Head pressmen.....	48.1	23.10	1½	2	8 - 8 - 48	.....	46.9	22.50	8 - 8 - 48
Journeymen.....	742.7	20.50	1½	2	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48
Minneapolis, Minn.: Head pressmen.....	66.7	32.00	1½	1	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48
Journeymen.....	50.0	24.00	1½	1	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48
Oilers and tension men.....	37.5	18.00	1½	1	8 - 8 - 48	.....	31.3	15.00	8 - 8 - 48
Moline and Rock Island, Ill.: Head pressmen.....	49.0	23.50	1½	1	8 - 8 - 48	.....	46.9	22.50	8 - 8 - 48
Journeymen.....	37.5	18.00	1½	1	8 - 8 - 48	.....	35.4	17.00	8 - 8 - 48
Omaha, Nebr.: Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48	.....			
Journeymen.....	40.6	19.50	1½	1	8 - 8 - 48	.....			
Assistants.....	34.4	16.50	1½	1	8 - 8 - 48	.....			
Tension men.....	37.5	18.00	1½	1	8 - 8 - 48	.....			
Peoria, Ill.: Head pressmen.....	53.6	30.00	1½	1	8 - 8 - 56	.....	44.6	25.00	8 - 8 - 56
Journeymen.....	37.5	18.00	1½	1	8 - 8 - 48	.....	32.1	18.00	8 - 8 - 56
St. Louis, Mo.: Head pressmen.....	57.5	27.60	1½	9 1	8 - 8 - 48	.....			
Journeymen.....	48.8	23.40	1½	9 1	8 - 8 - 48	.....			
St. Paul, Minn.: Head pressmen.....	54.2	26.00	10 1½	1	8 - 8 - 48	.....	50.0	24.00	8 - 8 - 48
Journeymen.....	46.9	22.50	10 1½	1	8 - 8 - 48	.....	40.6	19.50	8 - 8 - 48
Wichita, Kans.: Head pressmen.....	64.3	27.00	1	11 1½	7 - 7 - 42	.....	37.9	15.90	7 - 7 - 42
Journeymen.....	42.9	18.00	1	11 1½	7 - 7 - 42	.....	37.9	15.90	7 - 7 - 42
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.: Head pressmen.....	72.9	35.00	1½	2	8 - 8 - 48	.....			
First pressmen.....	50.0	24.00	1½	2	8 - 8 - 48	.....			
Second pressmen.....	37.5	18.00	1½	2	8 - 8 - 48	.....			
Second pressmen (Sunday magazine).....	33.3	16.00	1½	2	8 - 8 - 48	.....			
Third and fourth pressmen.....	29.2	14.00	1½	2	8 - 8 - 48	.....			

<sup>1</sup> Scale became 55.2 cents on Sept. 10, 1917.<sup>2</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>3</sup> Scale became 49 cents on Sept. 10, 1917.<sup>4</sup> Scale became 47.9 cents on Sept. 10, 1917.<sup>5</sup> Scale became 41.7 cents on Sept. 10, 1917.<sup>6</sup> Scale became 49.4 cents on Sept. 1, 1917.<sup>7</sup> Scale became 43.1 cents on Sept. 1, 1917.<sup>8</sup> Scale became 40.6 cents on Sept. 1, 1917.<sup>9</sup> For Labor Day and Christmas, time and one-half.<sup>10</sup> Double time after midnight.<sup>11</sup> For Sundays; for holidays, single time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Daywork—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages			Hours—Full day; Saturdays; Full week.	Rate of wages					
	Per hour	Per week full time.	For overtime.				Per hour	Per week full time.		
<b>SOUTH CENTRAL—concluded.</b>										
Dallas, Tex.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Head pressmen.....	62.5	30.00	1½	2	8-8-48	.....	50.0	24.00	8-8-48	
Journeymen, front end.....	52.1	25.00	1½	1	8-8-48	.....	.....	.....	.....	
Journeymen.....	46.9	22.50	1½	1	8-8-48	.....	.....	.....	.....	
Houston, Tex.:										
Head pressmen.....	68.8	33.00	1½	1	8-8-48	.....	.....	.....	.....	
Journeymen.....	43.8	21.00	1½	1	8-8-48	.....	.....	.....	.....	
Little Rock, Ark.:										
Head pressmen.....	62.5	30.00	1	1	8-8-48	.....	.....	.....	.....	
First assistants.....	37.5	18.00	1½	1	8-8-48	35.4	17.00	8-8-48	8-8-48	
Second assistants.....	32.1	13.50	1½	1	8-8-48	25.0	12.00	8-8-48	8-8-48	
Louisville, Ky.:										
Head pressmen.....	46.9	22.50	1½	1	8-8-48	.....	.....	.....	.....	
Journeymen.....	30.6	19.50	1½	1	8-8-48	.....	.....	.....	.....	
Memphis, Tenn.:										
Head pressmen.....	58.7	26.40	1½	1	7½-7½-45	56.7	25.50	7½-7½-45	7½-7½-45	
Journeymen.....	52.0	23.40	1½	1	7½-7½-45	50.0	22.50	7½-7½-45	7½-7½-45	
Nashville, Tenn.:										
Head pressmen.....	62.5	30.00	1½	1	8-8-48	59.4	28.50	8-8-48	8-8-48	
Assistants.....	52.1	25.00	1½	1	8-8-48	46.9	22.50	8-8-48	8-8-48	
Journeymen.....	43.8	21.00	1½	1	8-8-48	40.6	19.50	8-8-48	8-8-48	
New Orleans, La.:										
Head pressmen.....	66.7	32.00	1½	1	8-8-48	.....	.....	.....	.....	
First assistants.....	45.8	22.00	1½	1	8-8-48	.....	.....	.....	.....	
Second assistants.....	41.7	20.00	1½	1	8-8-48	.....	.....	.....	.....	
Third assistants.....	39.6	19.00	1½	1	8-8-48	.....	.....	.....	.....	
<b>WESTERN.</b>										
Butte, Mont.:										
Head pressmen.....	66.7	30.00	8 ½	1	7½-7½-45	.....	.....	.....	.....	
Journeymen.....	60.0	27.00	8 ½	1	7½-7½-45	.....	.....	.....	.....	
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.....	63.5	30.50	1½	1	8-8-48	60.4	29.00	8-8-48	8-8-48	
Journeymen.....	57.3	27.50	1½	1	8-8-48	54.2	26.00	8-8-48	8-8-48	
Tension men.....	60.4	29.00	1½	1	8-8-48	57.3	27.50	8-8-48	8-8-48	
Portland, Oreg.:										
Head pressmen.....	68.8	33.00	1½	1	8-8-48	.....	.....	.....	.....	
Journeymen.....	53.1	25.50	1½	1	8-8-48	.....	.....	.....	.....	
Salt Lake City, Utah.:										
Head pressmen.....	62.5	30.00	1½	1	8-8-48	.....	.....	.....	.....	
Journeymen.....	56.3	27.00	1½	1	8-8-48	53.1	25.50	8-8-48	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	.....	.....	.....	.....	
Floormen.....	52.7	23.70	1½	1	7½-7½-45	.....	.....	.....	.....	
Seattle, Wash.:										
Head pressmen.....	68.8	33.00	1½	10 1	8-8-48	.....	.....	.....	.....	
Head pressmen, color press.....	71.9	34.50	1½	10 1	8-8-48	.....	.....	.....	.....	
Journeymen.....	62.5	30.00	1½	10 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	.....	.....	.....	.....	

<sup>1</sup> Scale became 46.9 cents on June 9, 1917.<sup>2</sup> Scale became 39.4 cents on Oct. 11, 1917.<sup>3</sup> Scale became 29.4 cents on Oct. 11, 1917.<sup>4</sup> Scale became 50 cents on Sept. 15, 1917.<sup>5</sup> Scale became 43.8 cents on Sept. 15, 1917.<sup>6</sup> Scale became 60 cents on Sept. 12, 1917.<sup>7</sup> Scale became 53.3 cents on Sept. 12, 1917.<sup>8</sup> Double time after 4 hours.<sup>9</sup> Scale became 56.3 cents on Aug. 1, 1917.<sup>10</sup> Work 5 hours, paid for full day.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Night work.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours— Full day; Saturdays; Full week;	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.:				<i>Regular rate multiplied by—</i>					
Head pressmen.....	Cents. 74.0	Dolls. 26.64	1½	1	6 - 6 - 36	Cents. 69.2	Dolls. 24.00	6 - 6 - 36	
Journeymen.....	61.5	22.14	1½	1	6 - 6 - 36	57.5	20.70	6 - 6 - 36	
Brakemen.....	69.5	25.02	1½	1	6 - 6 - 36	65.0	23.40	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				
Colormen.....	60.7	25.50	1½	1	7 - 7 - 42				
Tension men.....	46.4	19.50	1½	1	7 - 7 - 42				
Oilers, platers, and brake-men.....	42.9	18.00	1½	1	7 - 7 - 42				
Floor men.....	32.1	13.50	1½	1	7 - 7 - 42				
Newark, N. J.:									
Head pressmen.....	78.9	30.00	1½	1 ½	6 - 8 - 38				
Journeymen.....	63.2	24.00	1½	1 ½	6 - 8 - 38				
New Haven, Conn.:									
Head pressmen.....	69.4	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	2 125c.	1	6 - 8 - 38				
Journeymen.....	68.4	26.00	2 100c.	1	6 - 8 - 38				
Philadelphia, Pa.:									
Head pressmen.....	65.8	25.00	1½	3 1	6 - 8 - 38				
Tension men and brake-men.....	47.4	18.00	1½	3 1	6 - 8 - 38				
Oilers, platers, and floor men.....	43.4	16.50	1½	3 1	6 - 8 - 38				
Pittsburgh, Pa.:									
Head pressmen.....	48.1	23.10	1½	1	8 - 8 - 48				
First assistants.....	41.9	20.10	1½	1	8 - 8 - 48				
Second assistants.....	541.3	19.80	1½	1	8 - 8 - 48				
Third assistants.....	641.3	19.80	1½	1	8 - 8 - 48				
Fourth assistants.....	538.8	18.00	1½	1	8 - 8 - 48				
Providence, R. I.:									
Head pressmen.....	57.1	24.00	1½	1	7 - 7 - 42				
Journeymen.....	51.4	21.60	1½	1	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				
Floor men.....	38.1	16.00	1½	1	7 - 7 - 42				
Scranton, Pa.:									
Second pressmen?.....	50.0	21.00	1½	1	7 - 7 - 42				
Third pressmen.....	42.9	18.00	1½	1	7 - 7 - 42				
Helper, first assistants.....	38.1	16.00	1½	1	7 - 7 - 42				
Helper, second assistants.....	35.7	15.00	1½	1	7 - 7 - 42				
Springfield, Mass.:									
Head pressmen.....	52.1	29.19	1½	8 1	8 - 8 - 56				
Journeymen.....	40.6	22.75	1½	8 1	8 - 8 - 56				
Worcester, Mass.:									
Head pressmen.....	64.3	27.00	1½	1	7 - 7 - 42				
Journeymen.....	50.0	21.00	1½	1	7 - 7 - 42				

<sup>1</sup> For Sundays; for holidays, single time.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> For Sundays; for holidays, time and one-half.<sup>4</sup> Scale became 54.2 cents on Sept. 11, 1917.<sup>5</sup> Scale became 51 cents on Sept. 11, 1917.<sup>6</sup> Scale became 49 cents on Sept. 11, 1917.<sup>7</sup> Rate for head pressmen not specified in scale.<sup>8</sup> For Sundays; for holidays, double time.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

PRESSMEN, WEB PRESSES: Night work—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>SOUTH ATLANTIC.</b>										
Atlanta, Ga.:	Cents.	Dolls.	Regular rate multiplied by—				Cents.	Dolls.		
Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48					
Journeymen.....	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					
Charleston, S. C.:										
Head pressmen.....	50.0	24.00	1½	1	8 - 8 - 48		(1)	(1)	(1)	
First assistants.....	43.8	21.00	1½	1	8 - 8 - 48					
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.....	43.8	21.00	1½	3 1	8 - 8 - 48		41.7	20.00	8 - 8 - 48	
Assistants.....	29.2	14.00	1½	3 1	8 - 8 - 48					
Washington, D. C.:										
Head pressmen.....	51.5	24.72	1½	1	8 - 8 - 48					
Tension men.....	38.8	18.60	1½	1	8 - 8 - 48		33.3	15.96	8 - 8 - 48	
Oilers and platers.....	37.5	18.00	1½	1	8 - 8 - 48		31.4	15.06	8 - 8 - 48	
<b>NORTH CENTRAL.</b>										
Chicago, Ill.:										
Head pressmen.....	68.8	33.00	1½	2	8 - 8 - 48					
Journeymen.....	55.0	26.40	1½	2	8 - 8 - 48					
Cincinnati, Ohio:										
Head pressmen.....	53.1	25.50	1½	1	8 - 8 - 48					
Tension men.....	46.3	22.20	1½	1	8 - 8 - 48					
Oilers and platers.....	43.1	20.70	1½	1	8 - 8 - 48					
Cleveland, Ohio:										
Head pressmen.....	60.7	25.50	1½	2	7 - 7 - 42					
Tension men and brake-men.....	52.9	22.20	1½	2	7 - 7 - 42					
Oilers and platers.....	42.9	18.00	1½	2	7 - 7 - 42					
Columbus, Ohio: Journey-men.....										
48.8	23.40	1½	1		8 - 8 - 48		40.6	19.50	8 - 8 - 48	
Des Moines, Iowa:										
Head pressmen.....	51.9	24.90	1	1	8 - 8 - 48					
Tension men.....	41.1	19.75	1½	1	8 - 8 - 48					
Oilers.....	33.3	16.00	1½	1	8 - 8 - 48					
Detroit, Mich.:										
Head pressmen.....	62.5	27.50	1½	1	4 7 - 8 - 44		51.1	23.00	7 - 10 - 45	
Journeymen.....	54.5	24.00	1½	1	4 7 - 8 - 44		43.3	19.50	7 - 10 - 45	
Grand Rapids, Mich.: Head pressmen.....										
37.5	18.00	1½	1		8 - 8 - 48					
Indianapolis, Ind.:										
Head pressmen.....	57.3	27.50	1½	3 1	8 - 8 - 48		56.3	27.00	8 - 8 - 48	
Tension men and brake-men.....	50.0	24.00	1½	3 1	8 - 8 - 48		49.0	23.50	8 - 8 - 48	
Oilers and platers.....	49.0	23.50	1½	3 1	8 - 8 - 48		47.9	23.00	8 - 8 - 48	
Riggers.....	42.7	20.50	1½	3 1	8 - 8 - 48		41.7	20.00	8 - 8 - 48	

<sup>1</sup> No scale in effect on May 15, 1916.<sup>2</sup> For Sundays, on 6-day newspapers, double time.<sup>3</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>4</sup> On Fridays, 8 hours.<sup>5</sup> Scale became 58.3 cents on Sept. 10, 1917.<sup>6</sup> Scale became 52.1 cents on Sept. 10, 1917.<sup>7</sup> Scale became 51 cents on Sept. 10, 1917.<sup>8</sup> Scale became 44.8 cents on Sept. 10, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## PRESSMEN, WEB PRESSES: Night work—Continued.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—	Hours— Full day; Saturdays; Full week.		
	Per hour.	Per week full time.	For overtime.	For Sunday days and holidays.				Per hour.	Per week full time.	
NORTH CENTRAL—concluded.										
Kansas City, Mo.: Head pressmen.....	Cents. 53.1	Dolls. 25.50	Regular rate multiplied by— $\frac{1}{2}$	1	8 -8 -48		Cents. 46.9	Dolls. 22.50	8 -8 -48	
Journeymen.....	46.9	22.50	$\frac{1}{2}$	1	8 -8 -48					
Milwaukee, Wis.: Head pressmen.....	148.1	23.10	$\frac{1}{2}$	1	8 -8 -48		46.9	22.50	8 -8 -48	
Journeymen.....	142.7	20.50	$\frac{1}{2}$	1	8 -8 -48		40.6	19.50	8 -8 -48	
Omaha, Nebr.: Head pressmen.....	50.0	24.00	$\frac{1}{2}$	1	8 -8 -48					
Assistants.....	34.4	16.50	$\frac{1}{2}$	1	8 -8 -48					
Peoria, Ill.: Head pressmen.....	50.0	28.00	$\frac{1}{2}$	1	8 -8 -56		44.6	25.00	8 -8 -56	
Journeymen.....	37.5	21.00	$\frac{1}{2}$	1	8 -8 -56		32.1	18.00	8 -8 -56	
St. Louis, Mo.: Head pressmen.....	61.3	27.60	$\frac{1}{2}$	1	7 $\frac{1}{2}$ -8 -45 $\frac{1}{2}$					
Journeymen.....	52.0	23.40	$\frac{1}{2}$	1	7 $\frac{1}{2}$ -8 -45 $\frac{1}{2}$					
St. Paul, Minn.: Head pressmen.....	61.9	26.00	$\frac{1}{2}$	1	7 -7 -42		57.1	24.00	7 -7 -42	
Journeymen.....	53.6	22.50	$\frac{1}{2}$	1	7 -7 -42		46.4	19.50	7 -7 -42	
SOUTH CENTRAL.										
Birmingham, Ala.: Head pressmen.....	83.3	35.00	$\frac{1}{2}$	2	7 -7 -42					
First pressmen.....	57.1	21.00	$\frac{1}{2}$	2	7 -7 -42					
Second pressmen.....	42.9	18.00	$\frac{1}{2}$	2	7 -7 -42					
Third and fourth pressmen.....	33.3	14.00	$\frac{1}{2}$	2	7 -7 -42					
Dallas, Tex.: Head pressmen.....	62.5	30.00	$\frac{1}{2}$	1	8 -8 -48					
Journeymen, front end.....	52.1	25.02	$\frac{1}{2}$	1	8 -8 -48		50.0	24.00	8 -8 -48	
Journeymen.....	46.9	22.50	$\frac{1}{2}$	1	8 -8 -48					
Houston, Tex.: Head pressmen.....	75.0	33.00	$\frac{1}{2}$	1	7 -9 -44					
Journeymen.....	47.7	21.00	$\frac{1}{2}$	1	7 -9 -44					
Little Rock, Ark.: Head pressmen.....	62.5	30.00	$\frac{1}{2}$	1	8 -8 -48					
First assistants.....	39.4	18.90	$\frac{1}{2}$	1	8 -8 -48		37.5	18.00	8 -8 -48	
Second assistants.....	30.0	14.40	$\frac{1}{2}$	1	8 -8 -48		28.1	13.50	8 -8 -48	
Third assistants.....	23.8	11.40	$\frac{1}{2}$	1	8 -8 -48		18.8	9.00	8 -8 -48	
Louisville, Ky.: Head pressmen.....	52.3	22.50	$\frac{1}{2}$	1	7 -8 -43					
Journeymen.....	45.3	19.50	$\frac{1}{2}$	1	7 -8 -43					
Memphis, Tenn.: Head pressmen.....	58.7	26.40	$\frac{1}{2}$	1	7 $\frac{1}{2}$ -7 $\frac{1}{2}$ -45		56.7	25.50	7 $\frac{1}{2}$ -7 $\frac{1}{2}$ -45	
Journeymen.....	52.0	23.40	$\frac{1}{2}$	1	7 $\frac{1}{2}$ -7 $\frac{1}{2}$ -45		50.0	22.50	7 $\frac{1}{2}$ -7 $\frac{1}{2}$ -45	
New Orleans, La.: Head pressmen.....	66.7	32.00	$\frac{1}{2}$	1	8 -8 -48					
First assistants.....	45.8	22.00	$\frac{1}{2}$	1	8 -8 -48					
Second assistants.....	41.7	20.00	$\frac{1}{2}$	1	8 -8 -48					

<sup>1</sup> Scale became 49.4 cents on Sept. 1, 1917.<sup>2</sup> Scale became 43.1 cents on Sept. 1, 1917.<sup>3</sup> Scale became 40.6 cents on Sept. 1, 1917.<sup>4</sup> Scale became 51.1 cents on June 9, 1917.<sup>5</sup> Scale became 41.3 cents on Oct. 14, 1917.<sup>6</sup> Scale became 31.3 cents on Oct. 14, 1917.<sup>7</sup> Scale became 25.6 cents on Oct. 14, 1917.<sup>8</sup> Scale became 55.8 cents on Sept. 15, 1917.<sup>9</sup> Scale became 48.8 cents on Sept. 15, 1917.<sup>10</sup> Scale became 60 cents on Sept. 12, 1917.<sup>11</sup> Scale became 53.3 cents on Sept. 12, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

## PRESSMEN, WEB PRESSES: Night work—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—					Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.		Per hour.	Per week full time.	
WESTERN.								
Butte, Mont.:	Cents.	Dolls.	Regular rate multiplied by—			Cents.	Dolls.	
Head pressmen.....	73.3	33.00	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Journeymen.....	63.3	28.50	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Denver, Colo.:								
Head pressmen.....	62.5	30.00	1 1/2	1	8-8-48	.....	.....	
Journeymen.....	50.0	24.00	1 1/2	1	8-8-48	.....	.....	
Los Angeles, Cal.:								
Head pressmen.....	70.9	30.50	1 1/2	1	7-8-43	.....	67.4 29.00	
Tension men.....	67.4	29.00	1 1/2	1	7-8-43	.....	64.0 27.50	
Journeymen.....	64.0	27.50	1 1/2	1	7-8-43	.....	60.5 26.00	
Portland, Oreg.:								
Head pressmen.....	79.1	36.00	1 1/2	1	7 1/2-8-45	.....	.....	
Journeymen.....	59.3	27.00	1 1/2	1	7 1/2-8-45	.....	.....	
Salt Lake City, Utah:								
Head pressmen.....	62.5	30.00	1 1/2	1	8-8-48	.....	.....	
Journeymen.....	56.3	27.00	1 1/2	1	8-8-48	.....	53.1 25.50	
San Francisco, Cal.:								
Head pressmen.....	68.9	31.00	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Tension men.....	60.7	27.30	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Oilers and platers.....	56.7	25.50	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Floormen.....	52.7	23.70	1 1/2	1	7 1/2-7 1/2-45	.....	.....	
Seattle, Wash.:								
Head pressmen.....	78.6	33.00	1 1/2	3 1	7-7-42	.....	.....	
Journeymen.....	71.4	30.00	1 1/2	3 1	7-7-42	.....	.....	

## STEREOTYPERS: Daywork.

NORTH ATLANTIC.									
Boston, Mass. ....	64.3	27.00	4 85c.	5 2	7-7-42	.....	59.5	25.00	7-7-42
Bridgeport, Conn. ....	41.7	20.00	1 1/2	1 1/2	8-8-48	.....	39.6	19.00	8-8-48
Buffalo, N. Y. ....	46.9	22.50	1 1/2	1 1/2	8-8-48	.....	40.6	19.50	8-8-48
Fall River, Mass. ....	43.8	21.00	1 1/2	2	8-8-48	.....	41.7	20.00	8-8-48
Newark, N. J. ....	58.7	27.00	1 1/2	(6)	7 1/2-7 1/2-46	.....	.....	.....	.....
New Haven, Conn. ....	39.6	19.00	1 1/2	2	8-8-48	.....	37.5	18.00	8-8-48
New York, N. Y. ....	62.5	30.00	4 90c.	4 90c.	3-8-48	.....	.....	.....	.....
Philadelphia, Pa. ....	43.8	21.00	1 1/2	1	8-8-48	.....	.....	.....	.....
Pittsburgh, Pa. ....	50.0	24.00	1 1/2	5 2	8-8-48	.....	48.4	23.25	8-8-48
Providence, R. I. ....	57.1	24.00	4 75c.	1	7-7-42	.....	.....	.....	.....
Rochester, N. Y. ....	37.5	18.00	1 1/2	8 2	8-8-48	.....	.....	.....	.....
Scranton, Pa. ....	43.8	21.00	1 1/2	1	8-8-48	.....	.....	.....	.....
Springfield, Mass. ....	43.8	21.00	1 1/2	2	8-8-48	.....	40.6	19.50	8-8-48
Worcester, Mass. ....	46.9	22.50	1 1/2	2	8-8-48	.....	.....	.....	.....
SOUTH ATLANTIC.									
Atlanta, Ga. ....	46.9	22.50	1 1/2	1	8-8-48	.....	.....	.....	.....
Baltimore, Md. ....	1046.9	22.50	1 1/2	1	8-8-48	.....	.....	.....	.....

<sup>1</sup> Double time after 4 hours.<sup>2</sup> Scale became 62.6 cents on Aug. 1, 1917.<sup>3</sup> Work 5 hours on holidays, paid for full day.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> For Sundays, July 4, Labor Day, Thanksgiving, and Christmas; for other holidays, regular rate.<sup>6</sup> For Sundays, \$5 per day; for holidays, regular rate.<sup>7</sup> Scale became 41.7 cents on Nov. 1, 1917.<sup>8</sup> For Sundays; for holidays, regular rate.<sup>9</sup> Allowed 2 days off each year, with pay.<sup>10</sup> Scale became 52.1 cents on July 1, 1917.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

STEREOTYPER: Daywork—Concluded.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.		
	Rate of wages—				Hours— Full day; Saturdays; Full week.		Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<i>SOUTH ATLANTIC—concluded.</i>									
Jacksonville, Fla.	41.7	20.00	1½	1	8 -8 -48	-----	Cents.	Dolls.	
Richmond, Va.	43.8	21.00	1½	2 1	8 -8 -48	-----	35.4	17.00	
Washington, D. C.	50.9	24.00	1½	1	(3)	-----	-----	8 -8 -48	
<i>NORTH CENTRAL.</i>									
Chicago, Ill.	56.3	27.00	4 65c.	5 2	8 -8 -48	-----	38.5	18.50	
Cincinnati, Ohio.	51.0	24.50	1½	6 75c.	8 -8 -48	-----	50.0	24.00	
Cleveland, Ohio.	58.1	27.90	1½	1½	8 -8 -48	-----	50.0	24.00	
Columbus, Ohio.	49.0	23.50	1½	7 2	8 -8 -48	47.9	23.00	8 -8 -48	
Davenport, Iowa; Moline and Rock Island, Ill.	39.6	19.00	1½	8 1	8 -8 -48	-----	-----	8 -8 -48	
Des Moines, Iowa.	47.4	22.75	1½	1	8 -8 -48	-----	45.8	22.00	
Detroit, Mich.	57.8	27.75	1½	1½	8 -8 -48	-----	50.0	24.00	
Grand Rapids, Mich.	43.8	21.00	1½	9 1	8 -8 -48	-----	-----	8 -8 -48	
Indianapolis, Ind.	1049.0	23.50	1½	1	8 -8 -48	47.9	23.00	8 -8 -48	
Kansas City, Mo.	59.4	28.50	1½	1	8 -8 -48	-----	56.3	27.00	
Milwaukee, Wis.	46.9	22.50	1½	2	8 -8 -48	43.9	22.00	8 -8 -48	
Minneapolis, Minn.	45.3	21.75	1½	1	8 -8 -48	-----	-----	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	-----	-----	-----	
St. Louis, Mo.	57.5	27.60	1½	1	8 -8 -48	-----	-----	-----	
St. Paul, Minn.	43.8	21.00	1½	1	8 -8 -48	-----	-----	-----	
Wichita, Kans.	45.8	22.00	1½	1½	8 -8 -48	43.8	21.00	8 -8 -48	
<i>SOUTH CENTRAL.</i>									
Birmingham, Ala.	50.0	24.00	1½	5 1½	8 -8 -48	46.9	22.50	8 -8 -48	
Dallas, Tex.	50.0	24.00	1½	1	8 -8 -48	48.4	23.25	8 -8 -48	
Houston, Tex.	150.0	24.00	1½	1	8 -8 -48	-----	-----	-----	
Little Rock, Ark.	46.9	22.50	1½	1½	8 -8 -48	-----	-----	-----	
Louisville, Ky.	46.9	22.50	1½	2	8 -8 -48	-----	-----	-----	
Memphis, Tenn.	56.7	25.50	1½	1	7½-7½-45	53.3	24.00	7½-7½-45	
New Orleans, La.	50.0	21.00	1½	1	12 7 -7 -42	-----	-----	-----	
<i>WESTERN.</i>									
Butte, Mont.	66.7	30.00	1½	1	7½-7½-45	-----	-----	-----	
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.	76.4	32.10	4 115c.	13 1	7 -7 -42	69.8	30.00	11 7 -7 -43	
Spokane, Wash.	53.1	25.50	1½	1	8 -8 -48	-----	-----	-----	

<sup>1</sup> For Sundays, on 6-day newspapers, double time.<sup>2</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>3</sup> 8 hours per day, Mondays to Saturdays, inclusive; 7 hours on Sundays; 1 day off each week; average,<sup>47½</sup> hours per week.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> For Sundays; for holidays, regular rate.<sup>6</sup> Rate, in cents, per hour for Sundays; work 5 hours on holidays, paid for full day.<sup>7</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>8</sup> Double time for full day if men work more than 6 hours.<sup>9</sup> For Sundays; work one-half day on holidays, paid for full day.<sup>10</sup> Scale became 50 cents on Oct. 1, 1917.<sup>11</sup> Scale became 56.3 cents on July 3, 1917.<sup>12</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>13</sup> For Sundays; work 5 hours on holidays, paid for full day.<sup>14</sup> Work 7½ hours 2 days each week.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Continued.

STEREOTYPER: Night work.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week.	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
<b>NORTH ATLANTIC.</b>									
Boston, Mass.	75.0	27.00	185c.	1	6 - 6 - 36	69.4	25.00	6 - 6 - 36	
Buffalo, N. Y.	53.6	22.50	1½	1	7 - 7 - 42	43.3	19.50	7½ - 7½ - 45	
Newark, N. J.	75.0	27.00	1½	283½ c.	6 - 6 - 36	50.0	18.00	6 - 6 - 36	
New Haven, Conn.	50.0	19.00	1½	2	6 - 8 - 38	48.4	23.25	8 - 8 - 48	
New York, N. Y.	78.9	30.00	190c.	190c.	6 - 8 - 38	49.0	24.50	7 - 8 - 50	
Philadelphia, Pa.	43.8	21.00	1½	1	8 - 8 - 48	43.8	15.00	6 - 6 - 36	
Pittsburgh, Pa.	50.0	24.00	1½	1	8 - 8 - 48	46.9	19.50	7 - 7 - 42	
Providence, R. I.	57.1	24.00	175c.	1	7 - 7 - 42	50.0	18.00	6 - 6 - 36	
Rochester, N. Y.	37.5	18.00	1½	1	8 - 8 - 48	48.4	23.25	8 - 8 - 48	
Scranton, Pa.	50.0	21.00	1½	1	7 - 7 - 42	46.9	19.50	6 - 6 - 36	
Springfield, Mass.	52.5	26.25	1½	1	7 - 8 - 50	48.4	23.25	7 - 8 - 50	
Worcester, Mass.	46.9	22.50	1½	2	8 - 8 - 48	46.9	19.50	6 - 6 - 36	
<b>SOUTH ATLANTIC.</b>									
Atlanta, Ga.	50.0	24.00	1½	1	8 - 8 - 48	50.0	24.00	6 - 6 - 36	
Baltimore, Md.	50.0	22.50	1½	1	7 - 10 - 45	48.4	23.25	7 - 7 - 42	
Jacksonville, Fla.	50.0	21.00	1½	5½	7 - 7 - 42	46.9	19.50	6 - 6 - 36	
Richmond, Va.	43.8	21.00	1½	6½	8 - 8 - 48	48.4	23.25	7 - 7 - 42	
Washington, D. C.	56.0	24.00	1½	1	(7)	50.0	24.00	6 - 6 - 36	
<b>NORTH CENTRAL.</b>									
Chicago, Ill.	56.3	27.00	165c.	1	8 - 8 - 48	51.6	24.00	9 7 - 9 7 - 46½	
Cincinnati, Ohio.	52.7	24.50	1½	8½	9 7 - 9 7 - 46½	56.7	26.08	7½ - 8½ - 46	
Cleveland, Ohio.	65.3	29.40	1½	1	73 - 73 - 45	50.0	24.00	8 - 8 - 48	
Columbus, Ohio.	51.0	24.50	1½	10½	8 - 8 - 48	57.0	24.50	7 - 8 - 43	
Detroit, Mich.	66.0	28.40	1½	1	7 - 8 - 43	49.0	23.50	8 - 8 - 48	
Grand Rapids, Mich.	50.0	21.00	1½	1	7 - 7 - 42	56.3	27.00	8 - 8 - 48	
Indianapolis, Ind.	50.0	24.00	1½	1	8 - 8 - 48	45.8	22.00	8 - 8 - 48	
Kansas City, Mo.	59.4	28.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Milwaukee, Wis.	46.9	22.50	1½	12½	8 - 8 - 48	48.4	23.25	8 - 8 - 48	
Omaha, Nebr.	53.1	25.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Peoria, Ill.	40.6	19.50	1½	1	8 - 8 - 48	48.4	23.25	8 - 8 - 48	
St. Louis, Mo.	65.7	27.60	1½	1	7 - 7 - 42	46.9	22.50	8 - 8 - 48	
St. Paul, Minn.	43.8	21.00	1½	1	8 - 8 - 48	48.4	23.25	8 - 8 - 48	
Wichita, Kans.	45.8	22.00	1½	1½	8 - 8 - 48	43.8	21.00	8 - 8 - 48	
<b>SOUTH CENTRAL.</b>									
Birmingham, Ala.	50.0	24.00	1½	13 1½	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Dallas, Tex.	53.1	25.50	1½	1	8 - 8 - 48	50.0	24.00	8 - 8 - 48	
Houston, Tex.	50.0	24.00	1½	1	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Little Rock, Ark.	48.1	23.10	1½	10½	8 - 8 - 48	46.9	22.50	8 - 8 - 48	
Louisville, Ky.	46.9	22.50	1½	2	8 - 8 - 48	46.9	22.50	8 - 8 - 48	

<sup>1</sup> Rate, in cents, per hour.<sup>2</sup> Rate, in cents, per hour for Sundays; for holidays, single time.<sup>3</sup> Scale became 52.6 cents on Nov. 1, 1917.<sup>4</sup> Scale became 55.6 cents on July 1, 1917.<sup>5</sup> For Sundays, on 6-day newspapers, double time.<sup>6</sup> For Sundays, on 6-day newspapers, time and one-half.<sup>7</sup> 6½ hours Mondays to Thursdays, inclusive; 8 hours Fridays to Sundays, inclusive; 1 day off each week; average, 42 hours per week.<sup>8</sup> For Sundays; work 5 hours for holidays, paid for full day.<sup>9</sup> Work 9 hours on Friday.<sup>10</sup> For Sundays; work 6 hours on July 4, Labor Day, and Christmas, paid for full day.<sup>11</sup> Scale became 51 cents on Oct. 1, 1917.<sup>12</sup> Double time before 6:30 p. m.<sup>13</sup> For Sundays; for holidays, single time.<sup>14</sup> Scale became 56.3 cents on July 3, 1917.<sup>15</sup> For Sundays; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## PRINTING AND PUBLISHING: NEWSPAPER—Concluded.

STEREOTYPER: Night work—Concluded.

Geographical division and city.	May 15, 1917.				Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—					Hours—Full day; Saturdays; Full week:	Rate of wages—		
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.	
SOUTH CENTRAL—concluded.									
Memphis, Tenn.	56.3	27.00	1½	1		8-8-48			
Nashville, Tenn.	46.9	22.50	1½	1		8-8-48			
New Orleans, La.	57.1	24.00	1½	1	17	7-7-42			
WESTERN.									
Butte, Mont.	66.7	30.00	1½	1	7½-7½-45				
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.	75.0	31.50	1½	1	7-7-42				
Spokane, Wash.	53.1	25.50	1½	1	8-8-48				

## SOFT-DRINK ESTABLISHMENT EMPLOYEES.

## BOTTLERS.

NORTH ATLANTIC.								
Newark, N. J.	35.2	19.00	1½	2	6 9-9-54	6	31.5	17.00
Head bottlers.	38.9	21.00	1½	2	6 9-9-54	6	35.2	19.00
New York, N. Y.	37.0	18.50	2	2	9-5-50	12	32.0	16.00
Helpers.	35.0	17.50	2	2	9-5-50	12	30.1	15.50
Scranton, Pa.	35.4	17.00	1	1	8-8-48		29.6	16.00
Helpers.	32.3	15.50	1	1	8-8-48		24.1	13.00
Crowners.	32.3	15.50	1	1	8-8-48		20.4	11.00
NORTH CENTRAL.								
Chicago, Ill.	42.7	20.50	1½	2	8-8-48			
Cleveland, Ohio.	733.3	16.00	1½	(8)	8-8-48			
Indianapolis, Ind.	35.4	17.00	1½	2	8-8-48			
Helpers.	27.1	13.00	1½	2	8-8-48			
Kansas City, Mo.	40.6	19.50	1½	(9)	8-8-48		39.6	19.00
Helpers.	37.5	18.00	1½	(9)	8-8-48		36.5	17.50
Milwaukee, Wis.	29.6	16.00	1½	1½	9-9-54			
Seltzer.	33.3	18.00	1½	1½	9-9-54			
St. Louis, Mo.	43.8	21.00	1½	1½	8-8-48			
WESTERN.								
Denver, Colo.:								
First class.	29.6	16.00	1½	1½	9-9-54		28.7	15.50
Second class.	29.6	16.00	1½	1½	9-9-54		25.9	14.00
Salt Lake City, Utah.	37.5	18.00	1½	2	8-8-48			

<sup>1</sup> Minimum; maximum, 8 hours per day, 48 per week.<sup>2</sup> Rate, in cents, per hour.<sup>3</sup> For Sundays; work 5 hours for holidays, paid for full day.<sup>4</sup> Work 7½ hours 2 days each week.<sup>5</sup> 51 hours, November to April, inclusive.<sup>6</sup> For Sundays and July 4; work 4½ hours on Washington's Birthday, Memorial Day, and Thanksgiving Day, paid for full day; other holidays off with pay.<sup>7</sup> Scale became 41.7 cents on July 1, 1917.<sup>8</sup> Work on Sundays prohibited; holidays off, with pay.<sup>9</sup> For Sundays; for holidays, time and one-half.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## SOFT-DRINK ESTABLISHMENT EMPLOYEES—Continued.

## CHAUFFEURS AND DRIVERS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week.		Rate of wages—			
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
NORTH ATLANTIC.										
Newark, N. J.	30.0	18.00					Cents.	Dolls.		
Scranton, Pa.	31.5	17.00					1	1		
					Regular rate multiplied by—					
					1	1				
					2	10 - 10 - 60				
					9 - 9 - 54					
							26.7	16.00		
							29.6	16.00	2 10 - 10 - 64	
									9 - 9 - 50	
NORTH CENTRAL.										
Chicago, Ill.: Chauffeurs	38.3	23.00	4 50c.	(5)	10 - 10 - 60		33.3	20.00	10 - 10 - 60	
Do.	46.7	28.00	4 50c.	(5)	10 - 10 - 60		41.7	25.00	10 - 10 - 60	
Do.	40.0	24.00	1	(5)	10 - 10 - 60		(8)	(8)	(8)	
Drivers, carbonic gas	40.0	24.00	1	(5)	10 - 10 - 60		30.0	18.00	10 - 10 - 60	
Drivers, route	30.0	18.00	4 30c.	10 50c.	10 - 10 - 60		25.0	15.00	10 - 10 - 60	
Drivers, 2-horse trucks	30.0	18.00	4 40c.	(5)	10 - 10 - 60		30.0	18.00	10 - 10 - 60	
Do.	35.0	21.00	4 40c.	(5)	10 - 10 - 60		15.0	9.00	10 - 10 - 60	
Drivers' helpers	20.0	12.00	4 30c.	(5)	10 - 10 - 60					
Cleveland, Ohio:										
Chauffeurs	35.4	17.00	(11)	(5)	8 - 8 - 48					
Drivers, route	128.1	16.00	(11)	(5)	92 - 92 - 57					
Indianapolis, Ind.:										
Drivers, route	33.3	18.00	1½	14 1½	9 - 9 - 54					
Drivers, dray and fountain	29.6	16.00	1½	14 1½	9 - 9 - 54					
Kansas City, Mo.:										
Chauffeurs or drivers, route	32.4	17.50	4 50c.	16 50c.	9 - 9 - 54		31.5	17.00	9 - 9 - 54	
Chauffeurs, trucks under 1,500 pounds	32.4	17.50	4 50c.	16 50c.	9 - 9 - 54		31.5	17.00	9 - 9 - 54	
Chauffeurs, trucks over 1,500 pounds	38.0	20.50	4 50c.	16 50c.	9 - 9 - 54		37.0	20.00	9 - 9 - 54	
Milwaukee, Wis.:										
Chauffeurs and drivers	35.2	19.00	1½	1½	9 - 9 - 54					
Drivers' helpers	20.4	11.00	1½	1½	9 - 9 - 54					
SOUTH CENTRAL.										
Memphis, Tenn.	30.0	18.00	1	17 1	10 - 10 - 60					
WESTERN.										
Denver, Col.: Drivers	33.3	18.00	1½	1½	9 - 9 - 54		31.5	17.00	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		2	10 - 10 - 60					

<sup>1</sup> And various commissions.<sup>2</sup> Average hours.<sup>3</sup> For Sundays and July 4; work 4½ hours on Washington's Birthday, Memorial Day, and Thanksgiving Day, paid for full day; other holidays off, with pay.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Sunday work prohibited; holidays off with pay.<sup>6</sup> And a commission of 10 cents per case for empty bottles, and 10 cents for each empty keg returned.<sup>7</sup> And various commissions and 1 week's vacation with pay.<sup>8</sup> No scale in effect on May 15, 1916.<sup>9</sup> And 10 cents for each drum of gas delivered and 10 cents for each drum returned.<sup>10</sup> Rate, in cents, per hour for Sundays; holidays off with pay.<sup>11</sup> Paid commissions in lieu of overtime.<sup>12</sup> Scale became 35.1 cents on July 1, 1917.<sup>13</sup> And commissions of 1 cent on each empty case returned.<sup>14</sup> For delivery to picnics and excursions, double time.<sup>15</sup> Rate, in cents, per hour for Sundays; work half day on holidays, paid for full day.<sup>16</sup> And 2 cents on all empty cans returned.<sup>17</sup> Sunday work prohibited; Labor Day, after 9 a. m., and Christmas off with pay.<sup>18</sup> And 6 cents per dozen for returned empties.

TABLE A.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, ETC.—Continued.

## SOFT-DRINK ESTABLISHMENT EMPLOYEES—Concluded.

## MISCELLANEOUS OCCUPATIONS.

Geographical division and city.	May 15, 1917.					Mos. during year ending May 15, 1917, Saturday half holiday prevailed	May 15, 1916.			
	Rate of wages—				Hours—Full day; Saturdays; Full week,		Rate of wages—		Hours—Full day; Saturdays; Full week.	
	Per hour.	Per week full time.	For overtime.	For Sundays and holidays.			Per hour.	Per week full time.		
<b>NORTH ATLANTIC.</b>										
Newark, N. J.: Apparatus fixers.....	Cents. 35.2	Dollars. 19.00		Regular rate multiplied by— 1½ 2	19 -9 -54	6	Cents. 22.2	Dollars. 12.00	9 -9 -54	
Bottle washers.....	27.8	15.00		1½ 2	19 -9 -54	6				
New York, N. Y.: Bottle washers.....	35.0	17.50	2	2	9 -5 -50	12	30.1	15.50	9½ -4 -51½	
Scranton, Pa.: Floor men.....	26.0	12.50	1	2 1	8 -8 -48	.....	14.8	8.00	9 -9 -54	
Sterilizers or washers.....	32.3	15.50	1	2 1	8 -8 -48	.....	20.4	11.00	9 -9 -54	
<b>NORTH CENTRAL.</b>										
Indianapolis, Ind.: Stablemen.....	27.8	15.00	1½	3 1	9 -9 -54	.....				
Kansas City, Mo.: Men at washing and labeling machine.....	37.3	17.88	1½	3 2	8 -8 -48	.....	33.5	17.50	8 -8 -48	
Stablemen.....	30.6	16.50	4 50c.	5 50c.	9 -9 -54	.....	29.6	16.00	9 -9 -54	
Milwaukee, Wis.: Brewers, weiss beer.....	33.3	18.00	1½	1½	9 -9 -54	.....				
Stablemen.....	26.2	16.50	1	1	6 9 -9 -63	.....				
Washers, bottle.....	23.1	12.50	1½	1½	9 -9 -54	.....				
St. Louis, Mo.: Bottle washers.....	31.3	15.00	1½	1½	8 -8 -48	.....				

<sup>1</sup> 51 hours, November to April, inclusive.<sup>2</sup> For Sundays and July 4; work 4½ hours on Washington's Birthday, Memorial Day, and Thanksgiving Day, paid for full day; other holidays off with pay.<sup>3</sup> For Sundays; for holidays, time and one-half.<sup>4</sup> Rate, in cents, per hour.<sup>5</sup> Rate, in cents, per hour for Sundays; work one-half day on holidays, paid for full time.<sup>6</sup> Allowed 1 day every 2 weeks and every other holiday off with pay.

## ADDITIONAL COPIES

OF THIS PUBLICATION MAY BE PROCURED FROM

THE SUPERINTENDENT OF DOCUMENTS

GOVERNMENT PRINTING OFFICE

WASHINGTON, D. C.

AT

25 CENTS PER COPY

▼