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UNION SCALE OF WAGES  
AND HOURS OF LABOR  
MAY 15, 1913



MARCH 4, 1914

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## CONTENTS.

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<b>Union scale of wages and hours of labor, May 15, 1913:</b>	Page.
General summary.....	5-9
Relative hours of labor per week, relative rates of wages per hour, and relative earnings on full time, in certain trades, 1907 to 1913.....	10-13
TABLE I.—Union scale of wages and hours of labor in each city, by trades, on May 15, 1912 and 1913.....	14-78
TABLE II.—Union scale of wages and hours of labor in each trade, by cities, on May 15, 1912 and 1913.....	79-150



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

WHOLE NO. 143.

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## UNION SCALE OF WAGES AND HOURS OF LABOR, MAY 15, 1913.

### GENERAL SUMMARY.

This report shows the union scale of wages and hours of labor prevailing on May 15, 1913, in the principal mechanical trades in 40 important industrial cities in the United States. Union scales in 39 cities on May 15 each year from 1907 to 1912, inclusive, for approximately the same trades were published in Bulletin No. 131 of this Bureau.

The detail figures of this report are published in two general tables, entitled:

TABLE I.—Union scale of wages and hours of labor in each city, by trades, on May 15, 1912 and 1913 (pp. 14 to 78).

TABLE II.—Union scale of wages and hours of labor in each trade, by cities, on May 15, 1912 and 1913 (pp. 79 to 150).

For comparison, the scale on May 15, 1912, is shown in parallel column with the scale on May 15, 1913.

The figures appearing in Table I for each respective city are repeated in Table II, where all of the figures from the several cities relating to a trade are brought together.

The trades are divided into seven groups, as follows:

Bakery trades.  
Building trades.  
Granite and stone trades.  
Metal trades.

Millwork.  
Printing trades, book and job.  
Printing trades, newspaper.

The 40 cities included in this report are important industrial cities located in 32 States. In a general way the city selected in each section of the country was the city having the largest population in that section; but, in addition, two smaller cities were included—Fall River, which is a textile center in Massachusetts, and Scranton, which is situated in the anthracite coal region of Pennsylvania. Within these 40 cities live one-fifth of the total population, two-fifths

of the urban population, and approximately one-third of the total number engaged in gainful occupations (not including those in agricultural pursuits) in continental United States.

The same cities are included in the Bureau's reports on retail prices.

The cities included are as follows:

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

The union scale, as the term is here used, is a definite statement of wages and hours of labor agreed to by an employer and an organization of union men and under which union men actually are working. The union scale fixes the limit in only one direction. It establishes a minimum wage below which a member of the union will not work and a maximum of hours beyond which he will not work at the regular rate of pay. This report shows such minimum wages and maximum hours as are established in the scale. In certain cities and trades, however, workmen are paid more than the union scale, and in some instances employees work regularly less than the scale of hours. This report does not include information concerning the extent to which workmen are paid more than the scale or work fewer hours than the scale, owing to the great amount of work that would be required to collect such information.

The trades for which the union scale is given in this Bulletin are shown in the following table. This table gives, for each trade, percentages indicating the change in rates of wages in a full week in 1913 as compared with rates of wages in a full week in each preceding year back to 1907 in all cities covered, taken collectively. The year 1907 was the first for which the Bureau collected figures concerning the union scales of the country. This table is computed from the relative weekly rates of wages on full time appearing in the table on page 10. As an illustration, the table shows that the

rates of wages of bakers (first hands) in a full week in 1913 were 3.1 per cent higher than the rates of wages in a full week in 1907, 4.2 per cent higher than the rates of wages in a full week in 1908, 4.7 per cent higher than the rates of wages of a full week in 1909, 4.8 per cent higher than the rates of wages in a full week in 1910, 5.0 per cent higher than the rates of wages in a full week in 1911, and 5.2 per cent higher than the rates of wages in a full week in 1912, etc.

With the exception of one trade, the union scales in the trades covered were higher in 1913 than in 1912, and in many of the trades a marked advance is shown in 1913 over the earlier years of the period.

PER CENT OF INCREASE IN RATES OF WAGES PER WEEK ON FULL TIME, 1913, COMPARED WITH EACH OF THE SIX YEARS PRECEDING.

Occupations.	Per cent higher in 1913 than in—					
	1907	1908	1909	1910	1911	1912
<i>Bakery trades.</i>						
Bakers, first hands.....	3.1	4.2	4.7	4.8	5.0	2.7
Bakers, second hands.....	22.0	20.2	14.0	9.6	5.8	3.1
Bakers, third hands.....	33.0	26.3	20.8	14.0	7.4	5.2
<i>Building trades.</i>						
Bricklayers.....	5.0	4.4	3.0	3.0	3.2	1.7
Bricklayers, sewer and caisson.....	(1)	(1)	(1)	(1)	(1)	.1
Building laborers.....	7.4	6.7	6.5	5.6	5.5	3.5
Carpenters.....	11.7	10.4	8.8	5.4	4.1	1.7
Cement workers, finishers.....	5.7	6.8	4.8	3.7	1.9	1.9
Cement workers' helpers.....	16.7	14.9	9.5	7.4	1.1	1.1
Cement workers' laborers.....	20.5	22.0	6.7	5.0	4.4	4.0
Hod carriers.....	4.1	3.7	4.0	2.1	1.6	1.3
Inside wiremen.....	16.4	9.8	7.8	5.8	3.4	2.2
Inside wiremen's helpers.....	9.4	6.6	5.5	1.1	.9	.6
Inside wiremen, fixture hangers.....	(1)	(1)	(1)	(1)	(1)	3.1
Lathers.....	(1)	(1)	(1)	(1)	(1)	2.5
Marble setters.....	10.5	9.3	9.8	8.1	7.2	6.6
Painters.....	15.1	14.4	11.2	7.5	5.4	4.2
Painters, fresco.....	(1)	(1)	(1)	(1)	(1)	1.3
Plasterers.....	5.2	5.6	4.7	3.4	3.0	1.0
Plasterers' laborers.....	10.3	5.3	4.3	3.6	3.6	2.9
Plumbers and gas fitters.....	12.1	10.9	9.2	7.6	2.5	3.1
Sheet-metal workers.....	16.1	13.5	12.2	8.7	5.7	3.6
Steam fitters.....	15.1	13.4	11.2	7.9	4.6	3.8
Steam fitters' helpers.....	16.4	14.7	14.0	5.9	5.4	2.9
Stonemasons.....	7.6	5.6	4.7	5.0	4.3	3.5
Structural iron workers.....	10.9	9.8	8.6	5.7	3.1	2.6
Structural iron workers, finishers.....	(1)	(1)	(1)	(1)	(1)	2.1
Structural iron workers, finishers' helpers.....	(1)	(1)	(1)	(1)	(1)	1.6
Tile layers.....	(1)	(1)	(1)	(1)	(1)	4.7
Tile layers' helpers.....	(1)	(1)	(1)	(1)	(1)	1.8
<i>Granite and stone trades.</i>						
Granite cutters.....	7.3	7.0	5.3	5.0	4.1	4.1
Stonecutters.....	3.3	3.3	3.3	2.6	2.2	2.2
<i>Metal trades.</i>						
Blacksmiths.....	10.6	9.5	8.6	5.0	5.0	2.5
Blacksmiths' helpers.....	17.1	12.7	10.7	3.3	3.2	2.8
Boiler makers.....	14.8	13.6	12.7	7.5	1.7	.8
Boiler makers' helpers.....	15.5	14.9	14.2	11.5	7.2	1.2
Core makers.....	17.9	17.9	18.5	13.0	7.1	6.0
Foundry laborers.....	(1)	(1)	(1)	(1)	(1)	3.1
Machinists.....	8.3	7.1	6.0	2.7	1.6	1.1
Molders, iron.....	11.6	11.7	11.5	7.6	5.7	5.3
Pattern makers, wood.....	9.1	6.0	7.5	5.7	4.8	3.6
<i>Millwork.</i>						
Carpenters.....	(1)	(1)	(1)	(1)	(1)	(2)
Painters, hardwood finishers.....	(1)	(1)	(1)	(1)	(1)	8
<i>Printing trades, book and job.</i>						
Bookbinders.....	6.6	6.0	5.9	5.3	3.3	2.7
Compositors.....	12.9	12.5	12.4	7.8	4.9	2.7
Electrotypers:						
Battery men and builders.....	16.4	16.0	15.1	9.3	5.8	3.4
Finishers.....	8.7	8.6	8.9	7.1	3.7	1.8
Molders.....	8.3	8.1	7.3	5.4	2.1	1.3

<sup>1</sup> No data.

<sup>2</sup> No change.

## PER CENT OF INCREASE IN RATES OF WAGES PER WEEK ON FULL TIME, 1913, COMPARED WITH EACH OF THE SIX YEARS PRECEDING—Concluded.

Occupations.	Per cent higher in 1913 than in—					
	1907	1908	1909	1910	1911	1912
<i>Printing trades, book and job—Concluded.</i>						
Linotype operators.....	9.6	9.5	9.3	6.8	5.6	2.7
Machine tenders.....	(1)	(1)	(1)	(1)	(1)	1.3
Press feeders.....	13.5	12.6	10.6	8.6	4.3	2.7
Pressmen, cylinder presses.....	15.2	13.8	5.8	4.9	3.0	1.2
Pressmen, platen presses.....	11.6	11.0	7.5	5.7	3.8	2.5
<i>Printing trades, newspaper.</i>						
Compositors, daywork.....	12.2	11.9	10.1	7.6	4.6	2.1
Compositors, nightwork.....	7.6	7.6	6.6	4.8	3.1	1.6
Linotype operators, daywork.....	10.1	7.6	7.1	4.8	3.2	1.8
Linotype operators, nightwork.....	7.0	5.8	5.3	3.5	2.8	1.3
Machine tenders, daywork.....	(1)	(1)	(1)	(1)	(1)	1.5
Machine tenders, nightwork.....	(1)	(1)	(1)	(1)	(1)	.6
Pressmen, web presses, daywork.....	12.6	11.4	9.9	5.3	4.1	1.9
Pressmen, web presses, nightwork.....	9.6	8.6	7.6	4.3	3.5	2.0
Stereotypers, daywork.....	13.4	10.5	9.5	8.0	7.4	5.7
Stereotypers, nightwork.....	13.5	10.4	9.2	7.9	7.4	5.8

<sup>1</sup> No data.

The union scales presented in this report are the time-rate scales only, except in the trades of compositors and linotype operators, for which the piece rates per 1,000 ems are shown in addition to time rates. The unit 1,000 ems is a standard unit and universally understood. It has not yet been feasible for the Bureau to enlarge the work and collect piece-rate scales in other trades. In localities where piece rates prevail almost exclusively and the time rate is provided for in the scale but is only infrequently used, such time rate has not been tabulated. The time scales state wages for different units of time: Under some scales the rate of wages are by the hour, others by the day, and others by the week. To make comparison easy the varying rates have been reduced to an hourly rate.

When, for a period of more than three months of a year, the number of hours differed from those shown for May 15, the difference has been noted in the tables.

The information published was obtained by special agents of the Bureau in personal visits to business agents and secretaries of the respective unions in the several cities.

Wage scales, written agreements, and trade-union records were consulted wherever available.

For all of the trades covered, a table of relative numbers has been computed covering all of the years back to 1907 for which the Bureau has figures. In this table the wages per hour, the regular working hours per week, and the rates of wages per week on full time in 1913 were taken as the basis or 100, and the differences in each preceding year were indicated by percentages. Thus, in the table below, the regular full-time hours per week of bakers (first hand) in 1907 were



123 per cent of what they were in 1913. In this same occupation the rate of wages per hour on May 15, 1907, were 78.9 per cent of what they were on May 15, 1913.

The increase in rates of wages per hour were nearly counterbalanced by the reduction of working hours per week, so that while the time required to make a week's earnings was reduced the income per week would be but slightly increased. The relative rates of wages per full week in 1907 for this occupation were 97 per cent of the rates of wages per full week in 1913. The per cent of change in full-time rates of wages per week in which 1913 is compared with each preceding year is shown in the table on pages 7 and 8.

The rates of wages per week, full time, means the rates for a week when no time is lost and no overtime worked.

The relative rates of wages per week, full time, were obtained by multiplying the relative rate of wages per hour by the relative hours of labor per week. This method was employed only to save time in the publication of the report. The relatives thus computed will vary but slightly from relatives based on averages of the actual rates per full week.

In computing the relative hours of labor per week and the relative rates of wages per hour the figures for each city were given an importance (weighted) according to the approximate total membership of the union in the city.

In Bulletin No. 131 a table was given of relative hours of labor and relative rates of wages per hour, in which the figures for 1907 were taken as the base (100). In the present Bulletin, as stated, the figures for 1913 have been taken as the base (100) and the figures for the preceding year recomputed to correspond.

A study of the relative numbers shows a general tendency in all trades toward a reduction of hours of labor and an increase in the scale of wages.

RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR,  
AND RELATIVE RATES PER WEEK ON FULL TIME, 1907 TO 1913.

Year.	Bakery trades.									Building trades.		
	Bakers, first hands.			Bakers, second hands.			Bakers, third hands.			Bricklayers.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	123.0	78.9	97.0	108.5	75.6	82.0	112.6	66.8	75.2	102.1	93.2	95.2
1908	117.7	81.6	96.0	107.8	77.2	83.2	111.3	71.2	79.2	102.1	93.8	95.8
1909	113.5	84.1	95.5	107.6	81.5	87.7	111.1	74.5	82.8	101.9	95.3	97.1
1910	109.0	87.5	95.4	106.5	85.6	91.2	109.9	79.8	87.7	100.3	96.8	97.1
1911	104.6	91.0	95.2	105.1	89.9	94.5	109.1	85.3	93.1	100.0	96.9	96.9
1912	101.2	96.2	97.4	101.3	95.8	97.0	101.2	94.0	95.1	100.0	98.3	98.3
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Building trades—Continued.</b>												
	Bricklayers, sewer and caisson.			Building laborers.			Carpenters.			Cement workers, finishers.		
1907				102.6	90.7	93.1	101.3	88.4	89.5	102.8	92.0	94.6
1908				102.6	91.3	93.7	101.2	89.5	90.6	101.8	91.9	93.6
1909				102.4	91.7	93.9	101.1	90.9	91.9	101.8	93.7	95.4
1910				100.0	94.7	94.7	100.6	94.3	94.9	101.7	94.8	96.4
1911				100.0	94.8	94.8	100.1	96.0	96.1	100.9	97.2	98.1
1912	100.0	99.0	99.0	100.0	96.6	96.6	100.1	98.2	98.3	100.9	97.2	98.1
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Building trades—Continued.</b>												
	Cement workers' helpers.			Cement workers' laborers.			Hod carriers.			Inside wiremen.		
1907	100.7	85.1	85.7	101.4	81.9	83.0	103.1	93.2	96.1	101.5	84.6	85.9
1908	100.1	86.9	87.0	100.6	81.5	82.0	103.1	93.5	96.4	101.4	89.8	91.1
1909	100.1	91.2	91.3	100.6	93.1	93.7	102.6	93.8	96.2	101.4	91.5	92.8
1910	100.1	93.0	93.1	100.0	95.2	95.2	101.5	96.5	97.9	100.9	93.7	94.5
1911	100.0	98.9	98.9	100.0	95.8	95.8	100.5	97.9	98.4	100.6	96.1	96.7
1912	100.0	98.9	98.9	100.0	96.2	96.2	100.0	98.7	98.7	100.2	97.6	97.8
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Building trades—Continued.</b>												
	Inside wiremen's helpers.			Inside wiremen, fixture hangers.			Lathers.			Marble setters.		
1907	102.9	88.8	91.4							101.5	89.2	90.5
1908	102.5	91.5	93.8							101.5	90.1	91.5
1909	102.5	92.5	94.8							100.6	90.6	91.1
1910	101.2	97.7	98.9							100.4	92.1	92.5
1911	100.8	98.3	99.1							100.0	93.3	93.3
1912	100.2	99.2	99.4	102.0	95.1	97.0	100.0	97.6	97.6	100.0	93.8	93.8
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES PER WEEK ON FULL TIME, 1907 TO 1913—Continued.

Year.	Building trades—Continued.											
	Painters.			Painters, fresco.			Plasterers.			Plasterers' laborers.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	102.6	84.7	86.9	.....	.....	.....	100.9	94.3	95.1	101.0	89.8	90.7
1908.....	102.2	85.5	87.4	.....	.....	.....	100.6	94.1	94.7	100.7	94.3	95.0
1909.....	101.9	88.2	89.9	.....	.....	.....	100.6	94.9	95.5	100.5	95.4	95.9
1910.....	101.2	91.9	93.0	.....	.....	.....	100.5	96.2	96.7	100.5	96.0	96.5
1911.....	100.7	94.2	94.9	.....	.....	.....	100.2	96.9	97.1	100.4	96.1	96.5
1912.....	100.6	95.4	96.0	100.3	98.4	98.7	100.0	99.0	99.0	100.0	97.2	97.2
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Building trades—Continued.											
	Plumbers and gas fitters.			Sheet-metal workers.			Steam fitters.			Steam fitters' helpers.		
1907.....	101.4	88.0	89.2	101.9	84.5	86.1	102.4	84.9	86.9	101.9	84.3	85.9
1908.....	101.5	88.9	90.2	101.9	86.5	88.1	102.4	86.1	88.2	101.8	85.7	87.2
1909.....	101.3	90.4	91.6	101.8	87.5	89.1	102.0	88.1	89.9	101.6	86.3	87.7
1910.....	101.1	91.9	92.9	101.8	90.4	92.0	101.1	91.7	92.7	100.6	93.8	94.4
1911.....	100.8	96.8	97.6	101.7	93.0	94.6	101.0	94.7	95.6	100.4	94.5	94.9
1912.....	100.4	96.6	97.0	101.2	95.4	96.5	100.3	96.0	96.3	100.2	97.0	97.2
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Building trades—Continued.											
	Stonemasons.			Structural iron-workers.			Structural iron-workers, finishers.			Structural iron-workers, finishers' helpers.		
1907.....	101.8	91.3	92.9	103.2	87.4	90.2	.....	.....	.....	.....	.....	.....
1908.....	101.8	93.0	94.7	102.9	88.5	91.1	.....	.....	.....	.....	.....	.....
1909.....	101.8	93.8	95.5	102.6	89.8	92.1	.....	.....	.....	.....	.....	.....
1910.....	100.6	94.6	95.2	102.0	92.7	94.6	.....	.....	.....	.....	.....	.....
1911.....	100.0	95.9	95.9	101.8	95.3	97.0	.....	.....	.....	.....	.....	.....
1912.....	100.0	96.6	96.6	100.4	97.1	97.5	100.0	97.9	97.9	100.3	98.1	98.4
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Building trades—Concluded.						Granite and stone trades.					
	Tile layers.			Tile layers' helpers.			Granite cutters.			Stonemasons.		
1907.....	.....	.....	.....	.....	.....	.....	103.3	90.2	93.2	100.6	96.2	96.8
1908.....	.....	.....	.....	.....	.....	.....	103.2	90.6	93.5	100.5	96.3	96.8
1909.....	.....	.....	.....	.....	.....	.....	103.1	92.1	95.0	100.5	96.3	96.8
1910.....	.....	.....	.....	.....	.....	.....	102.7	92.7	95.2	100.5	97.0	97.5
1911.....	.....	.....	.....	.....	.....	.....	102.5	93.8	96.1	100.5	97.3	97.8
1912.....	100.4	95.1	95.5	100.4	97.8	98.2	101.2	95.0	96.1	100.1	97.7	97.8
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR,  
AND RELATIVE RATES PER WEEK ON FULL TIME, 1907 TO 1913—Continued.

Year.	Metal trades.											
	Blacksmiths.			Blacksmiths' helpers.			Boiler makers.			Boiler makers' helpers.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	102.9	87.9	90.4	103.3	82.7	85.4	101.8	85.6	87.1	102.5	84.5	86.6
1908.....	102.9	88.7	91.3	103.3	85.9	88.7	101.5	86.7	88.0	102.4	85.0	87.0
1909.....	101.5	90.7	92.1	102.1	88.4	90.3	101.0	87.8	88.7	101.6	86.2	87.6
1910.....	101.3	94.0	95.2	101.9	95.0	96.8	100.9	92.2	93.0	101.1	88.7	89.7
1911.....	100.7	94.5	95.2	101.1	95.8	96.9	100.3	98.0	98.3	100.9	92.5	93.3
1912.....	100.7	96.9	97.6	101.0	96.3	97.3	100.2	99.0	99.2	100.0	98.8	98.8
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Metal trades—Continued.</b>												
Year.	Core makers.			Foundry laborers.			Machinists.			Molders, iron.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	1907.....	103.0	82.3	84.8	.....	.....	.....	102.8	89.8	92.3	101.8	88.0
1908.....	103.0	82.3	84.8	.....	.....	.....	102.8	90.9	93.4	101.8	87.9	89.5
1909.....	101.9	82.8	84.4	.....	.....	.....	102.5	92.0	94.3	101.3	88.5	89.7
1910.....	101.3	87.4	88.5	.....	.....	.....	101.8	95.7	97.4	100.8	92.2	92.9
1911.....	100.6	92.8	93.4	.....	.....	.....	101.5	96.9	98.4	100.5	94.1	94.6
1912.....	100.6	93.7	94.3	100.0	97.0	97.0	100.5	98.4	98.9	100.5	94.5	95.0
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Metal trades—Concluded.</b>												
Year.	Metal trades—Concluded.			Millwork.						Printing trades: Book and job.		
	Pattern makers, wood.			Carpenters.			Painters, hardwood finishers.			Bookbinders.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907.....	103.4	88.7	91.7	.....	.....	.....	.....	.....	.....	112.5	83.4	93.8
1908.....	103.1	91.5	94.3	.....	.....	.....	.....	.....	.....	102.1	92.4	94.3
1909.....	102.8	90.5	93.0	.....	.....	.....	.....	.....	.....	100.7	93.7	94.4
1910.....	101.6	93.1	94.6	.....	.....	.....	.....	.....	.....	100.3	94.7	95.0
1911.....	100.7	94.7	95.4	.....	.....	.....	.....	.....	.....	100.0	96.8	96.8
1912.....	100.5	96.0	96.5	100.0	100.0	100.0	100.0	99.2	99.2	100.0	97.4	97.4
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Printing trades: Book and job—Continued.</b>												
Year.	Compositors.			Electrotypers, battery men and builders.			Electrotypers, finishers.			Electrotypers, molders.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
	1907.....	100.0	88.6	88.6	104.6	82.1	85.9	105.7	87.0	92.0	105.5	87.5
1908.....	100.0	88.9	88.9	104.1	82.8	86.2	105.3	87.5	92.1	104.5	88.5	92.5
1909.....	100.0	89.0	89.0	104.0	83.6	86.9	105.2	88.0	92.6	104.4	89.3	93.2
1910.....	100.0	92.8	92.8	102.5	89.3	91.5	102.1	91.5	93.4	101.6	93.4	94.9
1911.....	100.0	95.3	95.3	100.2	94.3	94.5	100.1	96.3	96.4	100.1	97.8	97.9
1912.....	100.0	97.4	97.4	100.2	96.5	96.7	100.1	98.1	98.2	100.1	98.6	98.7
1913.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES PER WEEK ON FULL TIME, 1907 TO 1913—Concluded.

Year.	Printing trades: Book and job—Continued.											
	Linotype operators.			Machine tenders.			Machinist operators.			Press feeders.		
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
1907	100.2	91.0	91.2							110.9	79.4	88.1
1908	100.2	91.1	91.3							101.3	87.7	88.8
1909	100.2	91.3	91.5							100.2	90.2	90.4
1910	100.2	93.4	93.6							100.1	92.0	92.1
1911	100.2	94.5	94.7							100.1	95.8	95.9
1912	100.0	97.4	97.4	100.0	98.7	98.7				100.0	97.4	97.4
1913	100.0	100.0	100.0	100.0	100.0	100.0				100.0	100.0	100.0
	Printing trades: Book and job—Concl.						Printing trades: Newspaper.					
	Pressmen, cylinder presses.			Pressmen, platen presses.			Compositors, day-work.			Compositors, night-work.		
1907	106.4	81.6	86.8	105.4	85.0	89.6	100.5	88.7	89.1	100.2	92.7	92.9
1908	101.5	86.6	87.9	102.3	88.1	90.1	100.5	89.0	89.4	100.2	92.7	92.9
1909	100.1	94.4	94.5	100.2	92.8	93.0	100.5	90.3	90.8	100.2	93.6	93.8
1910	100.0	95.3	95.3	100.0	94.6	94.6	100.5	92.4	92.9	100.2	95.2	95.4
1911	100.0	97.1	97.1	100.0	96.3	96.3	100.4	95.2	95.6	100.2	96.8	97.0
1912	100.0	98.8	98.8	100.0	97.6	97.6	100.0	97.9	97.9	100.1	98.3	98.4
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Printing trades: Newspaper—Continued.											
	Linotype operators, daywork.			Linotype operators, nightwork.			Machine tenders, daywork.			Machine tenders, nightwork.		
1907	100.5	90.3	90.8	100.4	93.1	93.5						
1908	100.5	92.4	92.9	100.4	94.1	94.5						
1909	100.5	92.9	93.4	100.4	94.6	95.0						
1910	100.5	94.9	95.4	100.4	96.2	96.6						
1911	100.4	96.5	96.9	100.4	96.9	97.3						
1912	100.1	98.1	98.2	100.1	98.6	98.7	100.0	98.5	98.5	100.0	99.4	99.4
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Printing trades: Newspaper—Concluded.											
	Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.			Stereotypers, day-work.			Stereotypers, night-work.		
1907	101.5	87.5	88.8	101.6	89.8	91.2	101.6	86.8	88.2	101.6	86.7	88.1
1908	100.6	89.3	89.8	100.9	91.3	92.1	101.3	89.3	90.5	101.4	89.3	90.6
1909	100.2	90.8	91.0	100.4	92.5	92.9	101.3	90.1	91.3	101.4	90.3	91.6
1910	100.2	94.8	95.0	100.1	95.8	95.9	100.3	92.3	92.6	100.2	92.5	92.7
1911	100.2	95.9	96.1	100.0	96.6	96.6	100.1	93.0	93.1	100.0	93.1	93.1
1912	100.0	98.1	98.1	100.1	97.9	98.0	99.9	94.7	94.6	100.0	94.5	94.5
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913.

## ATLANTA, GA.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	53	\$. 4500	53	\$. 4500
Carpenters.....	54	. 3500	50	. 4000
Engineers, hoisting and portable:				
Boom derrick.....	54	. 5500	49½	. 7250
Hoist.....	54	. 4000	49½	. 4500
Inside wiremen.....	54	. 3889	54	. 4444
Inside wiremen's helpers.....	54	. 2222	54	. 2222
Marble cutters and setters.....	48	. 6250	48	. 6250
Marble cutters and setters' helpers.....	48	. 2500	48	. 2500
Painters.....	53	. 3395	53	. 3396
Plasterers.....	53	. 4500	53	. 4500
Plumbers and gas fitters.....	53	. 4528	53	. 4528
Sheet-metal workers:				
Manufacturing shops.....	53	. 3396	53	. 3396
Railroad shops, road C.....	54	. 4000	54	. 4000
Railroad shops, road E.....	54	. 3800	54	. 3800
Railroad shops, road B.....	54	. 3600	54	. 3600
Railroad shops, road A.....	54	. 3500	54	. 3500
Steam fitters.....	53	. 4528	53	. 4528
Steam fitters' helpers.....	53	. 2264	53	. 2264
Stonemasons.....	53	. 4500	53	. 4500
Structural ironworkers.....	48	. 6250	44	. 6250
Structural ironworkers, finishers.....	48	. 6250	44	. 6250
Structural ironworkers, finishers' helpers.....	48	. 3000	44	. 3150
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	45	. 4125	45	. 4125
Machine men.....	45	. 4750	45	. 4750
Outside men.....	45	. 4750	45	. 4750
Stonecutters.....	48	. 5000	48	. 5000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	. 3500	54	. 3750
Railroad shops, road E.....	54	. 3500	54	. 3500
Railroad shops, road D.....	54	. 3900	54	. 3900
Railroad shops, road B.....	54	. 3900	54	. 4100
Railroad shops, road A.....	54	. 4100	54	. 4100
Boiler makers:				
Manufacturing shops.....	54	. 3900	54	. 4000
Manufacturing shops.....	54	. 3900	54	. 3900
Manufacturing shops.....	54	. 3500	54	. 3500
Railroad shops, road C.....	54	. 3900	54	. 3900
Railroad shops, road A.....	54	. 3950	54	. 4100
Railroad shops, road B.....	54	. 3900	54	. 4100
Core makers.....	60	. 3000	60	. 3000
Machinists:				
Manufacturing shops.....	60	. 3500	60	. 3500
Railroad shops, road E.....	54	. 3800	54	. 4000
Railroad shops, road F.....	54	. 4000	54	. 4100
Railroad shops, road A.....	54	. 3900	54	. 4000
Railroad shops, road B.....	54	. 3900	54	. 4100
Molders:				
Iron.....	60	. 3500	60	. 3500
Brass.....	60	. 2750	60	. 2750
Pattern makers, wood.....	54	. 3750	54	. 3750
<i>Printing trades, book and job.</i>				
Bookbinders.....	48	. 3750	48	. 3750
Compositors.....	48	. 3438	48	. 3438
Compositors (makers-up and stonemen).....	48	. 3750	48	. 3750
Electrotypers, floor men.....	48	. 3125	48	. 3125
Electrotypers, molders and finishers.....	48	. 4583	48	. 4583
Linotype operators.....	48	. 4375	48	. 4375
Press feeders, cylinder.....	48	. 1771	48	. 1771
Press feeders, platen.....	48	. 1458	48	. 1458
Pressmen, cylinder presses:				
Operating 1 press.....	48	. 3125	48	. 3125
Operating 2 presses.....	48	. 3750	48	. 3750

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## ATLANTA, GA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per Hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Pressmen, platen presses:				
Operating 1 press.....	48	\$0.2917	48	\$0.2917
Operating 2 presses.....	48	.3125	48	.3125
Operating 3 or more presses.....	48	.3438	48	.3438
Stereotypers.....	48	.4063	48	.4063
<i>Printing trades, newspaper.</i>				
Compositors, daywork.....	48	.4375	48	.4375
Compositors, nightwork.....	48	.5000	48	.5000
Linotype operators, daywork.....	48	1.0850	48	1.0850
Linotype operators, nightwork.....	48	1.1000	48	1.1000
Machine tenders, daywork.....	48	.5208	48	.5208
Machine tenders, nightwork.....	48	.5729	48	.5729
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5000	48	.5000
Head pressmen, nightwork.....	48	.5000	48	.5000
Tension men, daywork.....	48	.4375	48	.4375
Tension men, nightwork.....	48	.4375	48	.4375
Oilers, platers, and floor men, daywork.....	48	.3750	48	.4375
Oilers, platers, and floor men, nightwork.....	48	.3750	48	.4375
Stereotypers, daywork.....	48	.4375	48	.4375
Stereotypers, nightwork.....	48	.4688	48	.4688

## BALTIMORE, MD.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union.....	72	\$0.1944	72	\$0.1944
Hebrew union.....	60	.3333	60	.3500
Bakers, second hands:				
German union.....	72	.1667	72	.1667
Hebrew union.....	60	.2833	60	.3000
Bakers, third hands: Hebrew union.....	60	.2167	60	.2333
<i>Building trades.</i>				
Bricklayers.....	<sup>2</sup> 45	.6250	<sup>2</sup> 45	.6250
Carpenters.....	48	.4375	48	.4375
Engineers, hoisting and portable.....	48	.4375	48	.4375
Hod carriers.....	<sup>1</sup> 45	.3125	<sup>2</sup> 45	.3125
Inside wiremen.....	48	.4375	48	.4375
Inside wiremen's helpers.....	48	.1875	48	.1875
Marble cutters and setters.....	48	.6250	48	.6250
Marble cutters and setters' helpers.....	48	.2813	48	.3125
Painters.....	48	.3750	48	.3750
Plasterers.....	44	.6250	44	.6250
Plumbers and gas fitters.....	48	.5000	48	.5000
Sheet-metal workers, shopmen.....	48	.4000	48	.4000
Steam fitters.....	48	.5000	48	.5000
Steam fitters' helpers.....	48	.2813	48	.2813
Stonemasons.....	<sup>2</sup> 45	.5625	<sup>2</sup> 45	.5625
Structural iron workers.....	48	.5625	44	.5625
Structural iron workers, finishers' helpers.....	48	.3125	44	.3500
Tile layers.....	48	.5000	48	.5000
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.5000	44	.5000
Outside men.....	44	.5625	44	.5625
Stonecutters.....	44 <sup>1</sup> / <sub>2</sub>	.5000	44 <sup>1</sup> / <sub>2</sub>	.5000

<sup>1</sup> Per 1,000 ems, nonpareil.

<sup>2</sup> 44 hours, January to March and November and December.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## BALTIMORE, MD.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
Boilermakers:				
Manufacturing shops.....	54	\$0.3056	54	\$0.3056
Outside men.....	48	.5000	48	.5000
Boilermakers' helpers:				
Manufacturing shops.....	54	.2222	54	.2222
Outside men.....	48	.3750	48	.3750
Core makers.....	54	.3333	54	.3333
Machinists:				
Manufacturing shops.....	54	.3333	54	.3333
Outside men.....	48	.3750	48	.3750
Railroad shops.....	60	.2860	60	.2860
Molders, iron.....	54	.3611	54	.3611
Pattern makers.....	50	.3889	50	.3889
<i>Millwork.</i>				
Carpenters.....	54	.3056	54	.3056
<i>Printing trades, book and job.</i>				
Bookbinders:				
Forwarders, general work.....	48	.3125	48	.3125
Forwarders, finishers, and rulers, printed and blank work.....	48	.3750	48	.3750
Compositors:				
English.....	48	.3750	48	.3750
German.....	48	.3125	48	.3125
Electrotypers:				
Battery men and builders.....	48	.2917	48	.2917
Finishers.....	48	.4167	48	.4167
Molders.....	48	.4375	48	.4375
Linotype operators: English.....	48	.4688	48	.4688
Pressfeeders:				
Cylinder presses.....	48	.2292	48	.2500
Platen presses.....	48	.1563	48	.1771
Pressmen, cylinder presses:				
Operating 2 single or 1 double press.....	48	.4375	48	.4375
Operating 1 or 2 single cylinders, 1 double cylinder, 1 cylinder and 2 platen or 1 magazine press.....	48	.3750	48	.3958
Pressmen, platen:				
Operating 1 to 3 presses.....	48	.2500	48	.2708
Operating 4 or 5 presses.....	48	.3125	48	.3333
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English.....	42	.5000	42	.5000
German.....	48	.3125	48	.3125
Compositors, nightwork:				
English.....	42	.5143	42	.5143
German.....	40	.4375	40	.4375
Linotype operators, daywork: English.....	42	.5357	42	.5357
Linotype operators, nightwork:				
English.....	42	.5714	42	.5714
German.....	40	.4375	40	.4375
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5000	48	.5000
First assistants, daywork.....	48	.3750	48	.3750
Second assistants, daywork.....	48	.3438	48	.3438
Stereotypers:				
Daywork.....	48	.4375	48	.4688
Nightwork.....	45	.4667	45	.5000



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## BIRMINGHAM, ALA.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	1 44	\$0. 6250	1 44	\$0. 7000
Bricklayers (blast furnace work).....	54	. 5000	54	. 5000
Carpenters.....	48	. 4500	48	. 5250
Cement workers, finishers.....			48	. 5000
Cement workers, helpers.....			48	. 3500
Engineers, hoisting and portable:				
Hoist.....	48	. 5000	48	. 5625
Boom derrick.....	48	. 5000	48	. 6250
Inside wiremen.....	44	. 5625	44	. 6250
Painters.....	48	. 4500	48	. 4500
Plasterers.....	44	. 6250	44	. 6250
Plasterers' laborers.....	44	. 2500	44	. 3000
Plumbers and gas fitters.....	44	. 6875	44	. 6875
Sheet-metal workers, manufacturing shops.....	44	. 5000	44	. 5500
Sheet-metal workers, railroad shops.....	54	. 3700	54	. 3800
Steam fitters.....	44	. 6875	44	. 6875
Steam fitters' helpers.....	44	. 2188	44	. 2188
Structural ironworkers.....	48	. 5625	44	. 6250
<i>Granite stone trades.</i>				
Stonecutters.....	44	. 5000	44	. 5000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	60	. 3900	60	. 3900
Railroad shops.....	54	. 3900	54	. 4100
Boiler makers:				
Manufacturing shops.....	60	. 3750	60	. 4000
Blast furnace work.....	60	. 3750	60	. 3750
Railroad shops, road E.....	54	. 4000	54	. 4100
Railroad shops, road D.....	54	. 4000	54	. 4350
Railroad shops, road B.....	54	. 4000	54	. 4000
Railroad shops, road C.....	60	. 4000	60	. 4000
Railroad shops, road A.....	60	. 3750	60	. 3900
Machinists:				
Manufacturing shops.....	60	. 3250	60	. 3500
Railroad shops, roads C, D, and E.....	54	. 4000	54	. 4100
Railroad shops, road B.....	54	. 3900	54	. 3900
Railroad shops, road A.....	60	. 3700	60	. 3750
Core makers.....	60	. 3000	54	. 3611
Molders, iron: Bench, floor, and machine.....	60	. 3000	54	. 3611
Pattern makers, wood.....	60	. 3500	54	. 4167
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters and forwarders.....	48	. 3750	48	. 3750
Finishers.....	48	. 3750	48	. 4375
Rulers.....	48	. 3750	48	. 4167
Compositors.....	48	. 4063	48	. 4063
Electrotypers:				
Finishers.....	48	. 5417	48	. 5417
Molders.....	48	. 5000	48	. 5000
Linotype operators.....	42	. 5250	42	. 5250
Pressmen, cylinder presses:				
Operating 2 or more cylinder or other presses (foremen).....	48	. 5000	48	. 5000
Operating 1 cylinder—1 or more platen presses (foremen).....	48	. 4583	48	. 4583
Operating 2 presses.....	48	. 4063	48	. 4063
Operating 1 press.....	48	. 3333	48	. 3333
Pressmen, platen presses:				
Operating 10 or more presses.....	48	. 4167	48	. 4167
Operating 7 to 9 presses.....	48	. 3958	48	. 3958
Operating 4 to 6 presses.....	48	. 3542	48	. 3542
Operating 3 presses.....	48	. 3333	48	. 3333
Operating 1 or 2 presses.....	48	. 3125	48	. 3125

<sup>1</sup> 48 hours, January to April and October to December.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## BIRMINGHAM, ALA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper.</i>				
Compositors, daywork.....	42	\$0.5250	42	\$0.5250
Compositors, nightwork.....	42	.5750	42	.5750
Linotype operators, daywork.....	48	.5250	48	.5250
Linotype operators, daywork.....	48	.5250	48	1.0900
Linotype operators, nightwork.....	48	1.1000	48	1.1000
Machine tenders, daywork.....	42	.5250	42	.5250
Machine tenders, nightwork.....	42	.5750	42	.5750
Pressmen, web presses:				
Head pressmen, daywork (weekly paper).....	48	.7292	48	.7292
Head pressmen, daywork.....	48	.6250	48	.6250
Head pressmen, nightwork (weekly paper).....	48	.6250	48	.6250
Head pressmen, nightwork.....	48	.6250	48	.6250
Pressmen, daywork (weekly paper).....	48	.5000	48	.5000
Pressmen, daywork.....	48	.5000	48	.5000
Pressmen, nightwork (weekly paper).....	48	.5000	48	.5000
Pressmen, nightwork.....	48	.5000	48	.5000
Assistant pressmen, daywork (weekly paper).....	48	.3438	48	.3438
Assistant pressmen, daywork.....	48	.3438	48	.3438
Assistant pressmen, nightwork (weekly paper).....	48	.3438	48	.3438
Assistant pressmen, nightwork.....	48	.3438	48	.3438
Stereotypers:				
Daywork.....	48	.4167	48	.4375
Nightwork.....	48	.4167	48	.4375

## BOSTON, MASS.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union.....	60	\$0.3000	60	\$0.3000
Hebrew union.....	54	.4444	51	.4706
Mixed union.....	60	.3000	60	.3000
Bakers, second hands:				
German union.....	60	.2333	60	.2667
Hebrew union.....	54	.3704	51	.3922
Mixed union.....	60	.2667	60	.2667
Bakers, third hands:				
Hebrew union.....	54	.3533	51	.3529
Mixed union.....	60	.2500	60	.2500
<i>Building trades.</i>				
Bricklayers.....	44	.6000	44	.6500
Bricklayers, sewer work.....	44	.7000	44	.7000
Carpenters.....	44	.4775	44	.5000
Cement workers, finishers.....	48	.6000	48	.6250
Cement workers, helpers.....	48	.3750	48	.4500
Cement workers, laborers.....	44	.3500	44	.3500
Engineers, portable and hoisting.....	44	.5455	44	.5682
Hod carriers.....	44	.3500	44	.3500
Inside wiremen.....	44	.5500	44	.5500
Inside wiremen, fixture work.....	48	.5000	48	.5000
Inside wiremen, helpers.....	44	.3000	44	.3000
Laborers, excavating.....	44	.3000	44	.3000
Lathers.....	48	.5500	48	.6000
Marble setters.....	44	.5000	44	.5625
Marble setters, helpers.....	44	.3000	44	.3000
Painters, union A.....	44	.4550	44	.5000
Painters, union B.....	44	.5000	44	.5000
Painters, fresco, union B.....	44	.5500	44	.5500
Plasterers.....	44	.6500	44	.6500
Plasterers' tenders, English union.....	44	.4000	44	.4150
Plasterers' tenders, Italian union.....	44	.4000	44	.4000
Plumbers and gas fitters:				
Gas fitters.....	44	.5000	44	.5000
Plumbers.....	44	.6000	44	.6000

† Per 1,000 ems. nonpareil.

**TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.**
**BOSTON, MASS.—Continued.**

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Sheet-metal workers.....	44	\$0.5250	44	\$0.5500
Sprinkler fitters.....	48	.3750	48	.5000
Steam fitters.....	44	.5000	44	.5000
Steam fitters, helpers, union A.....	44	.2813	44	.2813
Steam fitters, helpers, union B.....	44	.2500	44	.2500
Stonemasons.....	44	.6000	44	.6500
Structural ironworkers.....	44	.5625	44	.6250
Structural ironworkers, finishers' helpers.....	44	.4200	44	.4500
Tile layers.....	44	.6250	44	.6875
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.4433	44	.4563
Outside men.....	44	.4500	44	.4750
Stonecutters:				
Inside men.....	44	.5000	44	.5625
Outside men.....	44	.6000	44	.6500
<i>Metal trades.</i>				
Boiler makers:				
Manufacturing and railroad shops.....	54	.3056	54	.3056
Outside men.....	48	.5313	48	.5313
Boiler makers' helpers:				
Outside men.....	48	.2500	48	.2500
Manufacturing and railroad shops, helpers.....	54	.2222	54	.2222
Core makers.....				
Foundry laborers.....	54	.3833	54	.3889
Foundry laborers, casting chippers.....	54	.2037	54	.2407
Foundry laborers, casting chippers.....	54	.2500	54	.2778
Foundry laborers, melters.....	54	.3611	54	.3889
Machinists:				
All-round men, shops A.....	50	.4200	50	.4200
All-round men, shops B.....	54	.3889	54	.3889
All-round men, shops C.....	54	.3889	48	.4375
Tool makers, shops A.....	54	.4800	50	.4800
Tool makers, shops B.....	54	.4444	54	.4444
Machinists:				
Specialists, shops A.....	50	.3600	50	.3600
Specialists, shops B.....	54	.3333	54	.3333
Railroad shops.....	54	.2850	54	.2850
Molders, iron.....				
Molders' helpers.....	54	.2037	54	.2593
Pattern makers.....	54	.4000	54	.4500
<i>Millwork.</i>				
Carpenters.....	48	.4300	48	.4500
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, leather, cloth, sample, sheet stock.....	48	.3750	48	.3750
Cutters, label.....	48	.4167	48	.4167
Cutters, duplex.....	48	.4375	48	.4375
Finishers, extra printed work.....	48	.5000	48	.5000
Finishers, blank.....	48	.4167	48	.4167
Forwarders, stock blank.....	48	.3750	48	.3750
Forwarders, job blank.....	48	.4167	48	.4167
Forwarders, printed work.....	48	.4375	48	.4375
Rulers, first-class, union A.....	48	.3750	48	.3750
Rulers, second-class, union A.....	48	.3125	48	.3125
Rulers, union B.....	48	.4583	48	.4583
Compositors.....	48	.4167	48	.4167
Electrotypers:				
Battery men and builders.....	48	.4167	48	.4167
Molders and finishers.....	48	.5000	48	.5000
Linotype operators.....	48	.4583	48	.4583
Machine tenders.....	48	.4583	48	.4583
Pressfeeders, cylinder presses.....	48	.3125	48	.3125
Pressmen:				
Cylinder and rotary press.....	48	.5938	48	.5938
Cylinder, 1 or 2 presses.....	48	.4583	48	.4583
Platen, job presses.....	48	.3958	48	.3958
Platen, 1 or 2 presses.....	48	.3542	48	.3542

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## BOSTON, MASS.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper.</i>				
<b>Compositors:</b>				
Daywork.....	42	\$0.6300	42	\$0.6300
Nightwork.....	42	.6700	42	.6700
Nightwork (lobster shift).....	42	.7200	42	.7200
<b>Linotype operators:</b>				
Daywork.....	42	.6300	42	.6300
Nightwork.....	42	.6700	42	.6700
Nightwork (lobster shift).....	42	.7200	42	.7200
<b>Machine tenders:</b>				
Daywork.....	42	.6300	42	.6300
Nightwork.....	42	.6700	42	.6700
Nightwork (lobster shift).....	42	.7200	42	.7200
<b>Pressmen, web presses:</b>				
Brakemen, daywork.....	42	.5571	42	.5571
Brakemen, nightwork.....	36	.6500	36	.6500
Head pressmen, daywork.....	42	.5929	42	.5929
Head pressmen, nightwork.....	36	.6917	36	.6917
Tensionmen, oilers, and platers, daywork.....	42	.4929	42	.4929
Tensionmen, oilers, and platers, nightwork.....	36	.5750	36	.5750
<b>Stereotypers:</b>				
Daywork.....	42	.5714	42	.5952
Nightwork.....	36	.6667	36	.6944

## BUFFALO, N. Y.

<i>Bakery trades.</i>				
<b>Bakers, first hands:</b>				
German union, oven men, daywork.....	60	\$0.3000	60	\$0.3167
German union, oven men, nightwork.....	54	.3333	54	.3519
Polish union, oven men.....			60	.3000
<b>Bakers, second hands:</b>				
German union, bench men, daywork.....	60	.2667	60	.2833
German union, bench men, nightwork.....	54	.2963	54	.3148
Polish union, bench men.....			60	.2500
<b>Bakers, third hands:</b>				
Polish union, assistant bench men.....			60	.2167
<i>Building trades.</i>				
Bricklayers.....	48	.6000	48	.6500
Carpenters.....	48	.5000	48	.5000
Cement workers, finishers.....	48	.4500	48	.5000
<b>Engineers, portable and hoisting:</b>				
Hoist.....	48	.5000	48	.5000
Boom derrick.....	48	.5625	48	.5625
<b>Hod carriers:</b>				
Italian union.....	48	.2500	48	.2500
Polish union.....			48	.2500
<b>Inside wiremen.....</b>	48	.4000	48	.4500
<b>Inside wiremen, fixture fitters.....</b>	48	.4500	48	.4500
<b>Laborers:</b>				
Italian union.....	48	.2250	48	.2250
Polish union.....			48	.2250
<b>Marble setters.....</b>	48	.5625	48	.6250
Painters.....	48	.4375	48	.4375
Plasterers.....	48	.5500	48	.6000
Plumbers.....	48	.5000	48	.5625
Sheet-metal workers.....	48	.4000	48	.4500
Steam fitters.....	48	.5000	48	.5625
Stonemasons.....	48	.5500	48	.5500
Structural ironworkers.....	48	.6000	48	.6000
Structural ironworkers, finishers.....	48	.6000	48	.6000
Tile layers.....	48	.5000	48	.5625
Tile layers' helpers.....			48	.2188
<i>Granite and stone trades.</i>				
<b>Granite cutters:</b>				
Inside men.....	48	.4375	44	.4375
Machinemen.....	48	.5313	44	.5313
Stonecutters.....	48	.5625	48	.5625

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## BUFFALO, N. Y.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
Blacksmiths.....	54	\$0. 3333	54	\$0. 4000
Blacksmiths' helpers.....	54	. 2222	54	. 2500
Boiler makers:				
Inside men.....	54	. 3600	54	. 3600
Outside men.....	54	. 4167	54	. 4167
Railroad shops.....	54	. 3500	54	. 3500
Core makers.....	60	. 2750	54	. 3333
Machinists:				
All-round men.....	54	. 3333	54	. 3750
Tool and die makers.....	54	. 3750	54	. 4000
Outside men.....	48	. 4000	48	. 5000
Molders, iron and brass.....	60	. 3000	54	. 3611
Pattern makers, wood:				
Jobbing shops.....	54	. 4750	54	. 4750
Manufacturing shops.....	55	. 4000	55	. 4000
<i>Millwork.</i>				
Carpenters.....	49½	. 3000	49½	. 3000
Painters, hardwood finishers.....	54	. 3333	54	. 3333
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	. 3333	48	. 3542
Finishers.....	48	. 3958	48	. 4167
Forwarders, grade A.....	48	. 3958	48	. 3958
Forwarders, grade B.....	48	. 3333	48	. 3542
Folding-machine operators.....	48	. 3750	48	. 3750
Rulers.....	48	. 3750	48	. 3958
Compositors:				
English union.....	48	. 3958	48	. 3958
German union.....	48	. 3750	48	. 3958
Electrotypers:				
Battery men and builders.....	48	. 3750	48	. 3750
Finishers.....	48	. 4375	48	. 4375
Molders.....	48	. 4375	48	. 4375
Linotype operators.....	48	. 5000	48	. 5000
Press feeders:				
Cylinder press.....	48	. 2500	48	. 2708
Platen press.....	48	. 1875	48	. 2083
Pressmen:				
Cylinder presses, operating 1 or 2 presses.....	48	. 3854	48	. 3854
Platen presses.....	48	. 2917	48	. 2917
<i>Printing trades, newspaper.</i>				
Compositors:				
English, daywork.....	48	. 5000	48	. 5000
English, nightwork.....	48	. 5625	48	. 5625
German, daywork.....	48	. 3750	48	. 3958
Linotype operators:				
English, daywork.....	48	. 5000	48	. 5000
English, nightwork.....	48	. 5625	48	. 5625
German, daywork.....	48	. 3750	48	. 3958
German, nightwork.....	48	. 4167	48	. 4375
Machine tenders, daywork and nightwork.....	48	. 5833	48	. 5833
Pressmen, web presses:				
Head pressmen, daywork.....	48	. 5000	48	. 5000
Head pressmen, nightwork.....	48	. 5000	42	. 5714
Tension men, daywork.....	48	. 3542	48	. 3750
Tension men, nightwork.....	48	. 3542	42	. 4286
Oilers, platers, and brakemen, daywork.....	48	. 3333	48	. 3542
Oilers, platers, and brakemen, nightwork.....	48	. 3333	42	. 4048
Floor men, daywork.....	48	. 2500	48	. 2500
Floor men, nightwork.....	48	. 2500	42	. 2857
Stereotypers:				
Daywork.....	48	. 3750	48	. 4063
Nightwork.....	45	. 4000	45	. 4333

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CHARLESTON, S. C.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	53	\$0.4075	53	\$0.4075
Carpenters.....	53	.3396	53	.3396
Inside wiremen.....			54	.3333
Inside wiremen's helpers.....			54	.1667
Painters.....	48	.2500	48	.2500
Painters, fresco.....	48	.5000	48	.5000
Plasterers.....	53	.4075	53	.4075
Sheet-metal workers.....			53	.1698
<i>Granite and stone trades.</i>				
Granite cutters.....	48	.4063	44	.4500
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	.3600	54	.3600
Railroad shops.....	48	.3900	48	.4050
Boiler makers:				
Manufacturing shops.....	54	.3611	54	.3611
Railroad shops.....	54	.3900	54	.4100
Boiler makers' helpers, railroad shops.....			54	.2300
Machinists, railroad shops.....	48	.3900	48	.4200
<i>Printing trades, book and job.</i>				
Compositors.....	48	.3333	48	.3333
Pressmen, cylinder, operating 1 or 2 presses.....	48	.3646	48	.3646
Pressmen, platen:				
Operating 1 or 2 presses.....	48	.2083	48	.2083
Operating 3 or 4 presses.....	48	.3125	48	.3125
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.3333	48	.3333
Nightwork.....	48	.3333	48	.3333
Linotype operators:				
Daywork.....	48	1.1000	48	1.1000
Nightwork.....	48	1.1100	48	1.1100
Machine tenders, nightwork.....	42	.8333	42	.8333
Pressmen, web presses:				
Head pressmen.....	48	.4688	48	.4688
Assistant pressmen.....	48	.2917	48	.2917

## CHICAGO, ILL.

<i>Bakery trades.</i>				
Bakers, first hands:				
Bohemian union, hand bakeries, daywork.....	54	\$0.3519	54	\$0.3519
Bohemian union, hand bakeries, nightwork.....	54	.3889	54	.3889
German union, hand bakeries, daywork.....	54	.3704	54	.3704
German union, hand bakeries, nightwork.....	54	.3889	54	.4074
German union, machine bakeries, daywork.....	48	.4167	48	.4167
German union, machine bakeries, nightwork.....	48	.4375	48	.4583
Hebrew union, hand bakeries, nightwork.....	54	.4259	51	.4902
Polish union, hand bakeries, daywork.....	54	.2963	54	.3889
Polish union, hand bakeries, nightwork.....	54	.3148	54	.3889
Scandinavian union, hand bakeries, daywork.....	54	.3519	54	.3519
Scandinavian union, hand bakeries, nightwork.....	54	.3889	54	.3889
Bakers, second hands:				
Bohemian union, hand bakeries, daywork.....	54	.3148	54	.3148
Bohemian union, hand bakeries, nightwork.....	54	.3519	54	.3519
German union, hand bakeries, daywork.....	54	.3333	54	.3333
German union, hand bakeries, nightwork.....	54	.3519	54	.3704
German union, machine bakeries, daywork.....	48	.3750	48	.3750
German union, machine bakeries, nightwork.....	48	.3958	48	.4167
Hebrew union, hand bakeries, nightwork.....	54	.3889	51	.4314
Polish union, hand bakeries, daywork.....	54	.2593	54	.3519
Polish union, hand bakeries, nightwork.....	54	.2778	54	.3519
Scandinavian union, hand bakeries, daywork.....	54	.3148	54	.3148
Scandinavian union, hand bakeries, nightwork.....	54	.3519	54	.3519

1 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CHICAGO, ILL.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades—Concluded.</i>				
Bakers, third hands:				
Bohemian union, hand bakeries, daywork	54	\$0.2778	54	\$0.2778
Bohemian union, hand bakeries, nightwork	54	.3148	54	.3148
German union, hand bakeries, daywork	54	.2778	54	.2778
German union, hand bakeries, nightwork	54	.2963	54	.3148
German union, machine bakeries, daywork	48	.3125	48	.3125
German union, machine bakeries, nightwork	48	.3333	48	.3542
Hebrew union, hand bakeries, daywork	54	.3519	51	.3922
Polish union, hand bakeries, daywork	54	.2222	54	.3148
Polish union, hand bakeries, nightwork	54	.2407	54	.3148
Scandinavian union, hand bakeries, daywork	54	.2778	54	.2778
Scandinavian union, hand bakeries, nightwork	54	.3148	54	.3148
<i>Building trades.</i>				
Bricklayers	44	.7250	44	.7500
Bricklayers, fireproofing	44	.7500	44	.7500
Bricklayers, sewer and caisson work	44	1.2500	44	1.2500
Carpenters	44	.6500	44	.6500
Carpenters, stair builders	44	.6500	44	.6500
Carpenters, cabinetmakers	1 49½	.3900	1 49½	.4000
Cement workers, finishers	44	.6250	44	.6500
Cement workers' helpers	44	.4750	44	.5000
Cement workers' laborers	44	.3750	44	.4000
Engineers, hoisting and portable	44	.7250	44	.7500
Hod carriers	44	.4500	44	.4800
Inside wiremen	44	.7500	44	.7500
Inside wiremen, fixture hangers	48	.6250	44	.6875
Laborers, building:				
Excavators and wheelbarrow men	44	.3750	44	.4000
Tunnel, well, and caisson work	44	.5250	44	.5750
Tunnel, well, and caisson work (nigger-heads)	44	.4750	44	.5000
Lathers	44	.7188	44	.7188
Marble setters	44	.6875	44	.6875
Marble setters' helpers	44	.4063	44	.4063
Painters, union A	44	.6000	44	.6500
Painters, union B			44	.5000
Painters, fresco, union A	44	.6000	44	.6500
Painters, fresco, union B			44	.6250
Plasterers	44	.7500	44	.7500
Plasterers' laborers	44	.4500	44	.4800
Plumbers and gas fitters	44	.6875	44	.7500
Sheet-metal workers:				
Outside men	44	.6250	44	.6500
Shopmen	54	.4000	54	.4500
Sprinkler fitters	44	.7344	44	.7344
Sprinkler fitters' helpers	44	.3750	44	.3750
Steam fitters	44	.7188	44	.7500
Steam fitters' helpers	44	.3750	44	.4000
Stonemasons	44	.7250	44	.7500
Structural ironworkers	2 48	.6800	2 48	.6800
Structural ironworkers (architectural work)	44	.6250	44	.6750
Tile layers	44	.7500	44	.7500
Tile layers' helpers	44	.4375	44	.4375
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men	48	.5625	44	.6250
Outside men	44	.5625	44	.6250
Stonecutters	44	.6250	44	.6250

1 54 hours, October to March.

2 44 hours, December to March.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CHICAGO, ILL.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
<b>Blacksmiths:</b>				
Outside men.....	1 44	\$0.6875	1 44	\$0.6875
Manufacturing shops.....	2 49	.4000	2 49	.4000
Railroad shops.....	2 49	.3800	2 49	.4000
Hammersmiths, manufacturing shops.....	2 49	.5500	2 49	.5500
Hammersmiths, railroad shops.....	2 49	.5000	2 49	.5250
<b>Blacksmiths' helpers:</b>				
Outside men.....	1 44	.5625	1 44	.5625
Manufacturing shops.....	2 49	.3000	2 49	.3000
Railroad shops.....	2 49	.2600	2 49	.2700
<b>Boiler makers:</b>				
Outside men.....	44	.6250	44	.6250
Manufacturing shops.....	3 49½	.4000	3 49½	.4000
<b>Boiler makers' helpers:</b>				
Outside men.....	44	.5000	44	.5000
Manufacturing shops.....	3 49½	.3250	3 49½	.3250
<b>Core makers.....</b>	54	.3889	54	.4444
<b>Machinists:</b>				
Tool and die makers.....	49½	.4500	49½	.4500
Railroad shops and terminals.....	49½	.3950	49½	.3950
All-round men and specialists.....	49½	.3900	49½	.3900
Outside men.....	44	.6688	44	.6688
<b>Machinists' helpers, outside men.....</b>	44	.4375	44	.4375
<b>Molders, iron.....</b>	54	.3889	54	.4444
<b>Pattern makers:</b>				
Jobbing shops.....	44	.5625	44	.6000
Manufacturing shops.....	54	.4750	54	.5000
<i>Millwork.</i>				
<b>Carpenters.....</b>	54	.3500	54	.3600
<b>Painters, hardwood finishers.....</b>	54	.3100	54	.3100
<i>Printing trades, book and job.</i>				
<b>Bookbinders:</b>				
Casers-in.....	48	.3750	48	.3750
Cutters and operators on casing-in machines.....	48	.4063	48	.4063
Cutters, in charge of stock and cutting machines.....	48	.4375	48	.4375
Forwarders, finishers, case makers, and operators on case-making machines, union A.....	48	.4271	48	.4271
Forwarders, finishers, and case makers, union B.....	48	.4063	48	.4063
Rulers.....	48	.4375	48	.4688
<b>Compositors:</b>				
English union.....	48	.4688	48	.4688
Bohemian union.....	48	.4608	48	.4688
German union.....	48	.4688	48	.5000
Norwegian-Danish union.....	48	.4688	48	.4688
Polish union.....	48	.4167	48	.4167
<b>Electrotypers:</b>				
Molders.....	48	.5208	48	.5417
Finishers.....	48	.4583	48	.4896
Casters, builders, backer, battery men, and trimmer hands.....	48	.3750	48	.4063
<b>Linotype operators:</b>				
English union.....	48	.5000	48	.5000
Bohemian union.....	36	.5000	36	.5000
German union.....	48	.5000	48	.5000
<b>Pressfeeders:</b>				
Cylinder presses.....	48	.3438	48	.3438
T'ony presses, less than 25 by 38.....	48	.2500	48	.2500
Press assistants, rotary presses or cylinder presses (patent insides).....	48	.3750	48	.3750
Colt and Universal presses.....	48	.2292	48	.2292
Platen presses.....	48	.2188	48	.2188
Press assistants, platen presses.....	48	.3125	48	.3125
<b>Pressmen, cylinder presses:</b>				
Operating 1 rotary, 3 or more color, or 2-color rotary or double-roll rotary presses.....	48	.5938	48	.5938
Operating Cox duplex or Goss flat-bed or 3-color process work or double-cylinder sheet-feed rotary presses.....	48	.5729	48	.5729
Operating single-roll rotary press.....	48	.5417	48	.5417
Operating 2 single or 1 double or 3 patent-inside blanket presses.....	48	.5000	48	.5000

1 48 hours, September to April.

2 54 hours, September to April.

3 54 hours, October to April.



**TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.**
**CHICAGO, ILL.—Concluded.**

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
<b>Pressmen, platen:</b>				
Operating 1 sheet-feed rotary or multicolor ticket or 2 Kiddy ticket or 2 automatic or one 2-color Harris or 2 single Harris or 1 cylinder press larger than 28 by 42 inches with not more than 3 job presses	48	\$0.5000	48	\$0.5000
Operating 6 presses or 1 cylinder not larger than 28 by 42 inches with not more than 3 job presses	48	.4375	48	.4375
Operating 5 presses or proofers, or 1 job press	48	.4063	48	.4063
Operating 4 presses	48	.3750	48	.3750
Operating 3 or under 3 presses	48	.3438	48	.3438
<i>Printing trades, newspaper.</i>				
<b>Compositors, daywork:</b>				
Bohemian union	48	.4608	48	.4688
English union	45	.6200	45	.6200
German union	44	.5000	44	.5682
Norwegian-Danish union	48	.5500	48	.5500
Polish union	48	.4167	48	.4167
Swedish union	48	.4688	48	.4688
Make-ups, English union	48	.6042	48	.6042
<b>Compositors, nightwork:</b>				
English union	45	.6700	45	.6700
German union	48	.5521	44	.6250
Norwegian-Danish union	48	.6000	48	.6000
Make-ups, English union	48	.6458	48	.6458
<b>Linotype operators, daywork:</b>				
English union	48	1.5000	48	1.5000
German union	48	.5000	44	.5682
Norwegian-Danish union	48	.5000	48	.5000
Polish union	48	.5000	48	.5000
Swedish union	48	.5000	48	.5000
<b>Linotype operators, nightwork:</b>				
English union	48	2.5500	48	2.5500
German union	48	.5521	44	.6250
Norwegian-Danish union	48	.5500	48	.5500
Swedish union	48	.5000	48	.5000
<b>Machine tenders:</b>				
Daywork	48	.6042	48	.6042
Nightwork	48	.6458	48	.6458
<b>Pressmen, web:</b>				
Head pressmen, daywork	48	.5000	48	.5000
Head pressmen, nightwork	42	.5714	42	.5714
Brakemen and tension men, daywork	48	.4375	48	.4375
Brakemen and tension men, nightwork	42	.5000	42	.5000
Oilers and platers, daywork	48	.4063	48	.4063
Oilers and platers, nightwork	42	.4643	42	.4643
Stereotypers, day or nightwork	46½	.5806	48	.5625

**CINCINNATI, OHIO.**

<i>Bakery trades.</i>				
<b>Bakers, first hands:</b>				
Oven men, daywork, hand bakeries	54	\$0.2778	48	\$0.3750
Oven men, nightwork, hand bakeries	54	.3148	48	.3750
Oven men and dough mixers, daywork, machine bakeries	48	.3750	48	.3750
<b>Bakers, second hands:</b>				
Bench hands, daywork, hand bakeries	54	.2407	48	.3333
Bench hands, nightwork, hand bakeries	54	.2778	48	.3333
Bench hands, daywork, machine bakeries	48	.3333	48	.3333
<b>Bakers, third hands:</b>				
Daywork, hand bakeries	54	.1852	48	.2292
Nightwork, hand bakeries	54	.2037	48	.2292
Daywork, machine bakeries	48	.2292	48	.2292

<sup>1</sup> For 3,200 ems per hour; 55 cents for 5,000 ems and \$0.0105 for each 100 ems over 5,000 ems.

<sup>2</sup> For 3,200 ems per hour; 60 cents for 5,000 ems and \$0.0110 for each 100 ems over 5,000 ems.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CINCINNATI, OHIO—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	45	\$0.6500	45	\$0.6500
Bricklayers, sewer work.....	45	.7000	45	.7000
Carpenters.....	44½	.5000	44½	.5000
Carpenters, stair builders.....	44½	.5250	44½	.5250
Cement workers (finishers).....	48	.5000	45	.5000
Cement workers' helpers.....	48	.3000	45	.3000
Cement workers' laborers.....			45	.2500
Engineers, hoisting and portable:				
Boom derrick.....	48	.6000	44	.6250
Hoist.....	60	.5000	44	.6250
Hod carriers.....	45	.4250	45	.4250
Inside wiremen.....	44½	.4500	44½	.5000
Inside wiremen's helpers, third year.....	44½	.3200	44½	.3700
Inside wiremen's helpers, fourth year.....	44½	.3500	44½	.4000
Laborers, building.....	60	.2000	60	.2000
Marble setters.....			44	.6250
Marble setters' helpers.....			44	.3125
Painters.....	44	.4500	44	.5000
Painters, fresco.....	44	.5000	44	.5000
Plasterers.....	44½	.6250	44½	.6875
Plasterers' laborers.....	45	.4500	45	.4500
Plumbers and gas fitters.....	44½	.5625	44½	.6250
Sheet-metal workers.....	44	.3750	44	.4500
Steam fitters.....	44½	.5625	44½	.5625
Steam fitters' helpers.....	44½	.2900	44½	.2900
Stonemasons.....	45	.5100	45	.6000
Structural ironworkers.....	44½	.6000	44½	.6000
Structural ironworkers, finishers.....	44½	.5000	44½	.5000
Structural ironworkers, finishers' helpers.....	44½	.3250	44½	.3250
Tile layers.....	45½	.6250	45½	.6250
Tile layers' helpers.....	45½	.3250	45½	.3250
<i>Granite and stone trades.</i>				
Granite cutters:				
Machine men.....	48	.5000	45	.5150
Outside men.....	48	.5000	45	.5625
Stonecutters.....	44½	.5625	44½	.5625
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	60	.2000	60	.2000
Railroad shops, road B.....	54	.3250	54	.3350
Railroad shops, road D, roundhouse.....	60	.3400	60	.3500
Railroad shops, road C, roundhouse.....	54	.3000	54	.3000
Blacksmiths' helpers:				
Manufacturing shops.....	60	.1850	60	.1850
Railroad shops, road B.....	54	.1900	54	.2000
Railroad shops, road D, roundhouse.....	60	.1900	60	.2000
Railroad shops, road E, roundhouse.....	54	.1600	54	.1600
Boiler makers:				
Manufacturing shops.....	54	.4000	54	.4000
Outside men.....	48	.4500	48	.4500
Railroad shops, road C.....	54	.4000	54	.4000
Railroad shops, road B.....	54	.3550	54	.3550
Railroad shops, road D.....	60	.3450	60	.3450
Railroad shops, road F.....	60	.3200	60	.3200
Boiler makers' helpers:				
Manufacturing shops.....	54	.2500	54	.2500
Outside men.....	48	.3250	48	.3250
Railroad shops, road C.....	54	.2200	54	.2200
Railroad shops, road B.....	54	.1900	54	.1900
Railroad shops, road D.....	60	.2000	60	.2000
Railroad shops, road F.....	60	.2000	60	.2000
Core makers.....	54	.3511	54	.3611
Machinists:				
Manufacturing shops, all-round men.....	55	.3000	55	.3000
Manufacturing shops, tool and die makers.....	55	.3500	55	.3500
Manufacturing shops, specialists.....	55	.2500	55	.2500
Breweries.....	48	.3750	48	.3750
Railroad shops, road C.....	54	.3900	54	.3900
Railroad shops, road A.....	54	.3656	54	.3656
Railroad shops, road D.....	60	.3600	60	.3600

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CINCINNATI, OHIO—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades—Concluded.</i>				
<b>Machinists—Concluded.</b>				
Railroad shops, road B.....	54	\$0.3500	54	\$0.3600
Railroad shops, road E.....	54	.3550	54	.3450
Railroad shops, road F.....	60	.3200	60	.3200
<b>Machinists' helpers:</b>				
Railroad shops, road C.....			54	.2100
Railroad shops, road A.....			54	.2000
<b>Molders, iron: Bench and floor.....</b>	54	.3611	54	.3611
<b>Pattern makers, wood:</b>				
Jobbing shops.....	50	.4200	50	.4200
Manufacturing shops.....	55	.3500	55	.3500
<i>Millwork.</i>				
<b>Carpenters.....</b>	50	.3000	50	.3000
<b>Carpenters (cigar-box makers).....</b>	49½	.4444	49½	.4444
<b>Painters:</b>				
Hardwood finishers.....	50	.2500	50	.2500
Hardwood stainers.....	50	.2100	50	.2100
<i>Printing trades, book and job.</i>				
<b>Bookbinders:</b>				
Finishers, first class.....	48	.4375	48	.4375
Finishers or forwarders, blank work.....	48	.3125	48	.3125
Forwarders, blank work.....	48	.3750	48	.3750
Head rulers.....	48	.4375	48	.4375
Rulers, second class.....	48	.3750	48	.3750
Cutters, finishing.....	48	.3438	48	.3438
Cutters, stock.....	48	.4063	48	.4063
<b>Compositors.....</b>				
Electrotypers:	48	.3750	48	.4063
Battery men.....	48	.3125	48	.3125
Builders.....	48	.3542	48	.3542
Finishers.....	48	.4375	48	.4375
Molders.....	48	.4792	48	.4792
<b>Linotype operators:</b>				
English union.....	48	.4583	48	.4896
German union.....	48	.4375	48	.4375
<b>Machine tenders.....</b>				
48	.4583	48	.4896	
<b>Press feeders:</b>				
Automatic presses.....	48	.3021	48	.3229
Cylinder presses.....	48	.2813	48	.3021
<b>Pressmen, cylinder:</b>				
Operating 1 rotary web press (first position).....	48	.5833	48	.5833
Operating 1 double or a 2-color press over 53 inches.....	48	.5417	48	.5417
Operating 4 bag presses.....	48	.5208	48	.5208
Operating 1 rotary web press, second position (process or label work).....	48	.5000	48	.5000
Operating 2 single presses over 53 inches.....	48	.4792	48	.4792
Operating 2 single presses less than 53 inches (process or label work), or 2 single presses less than 53 inches, or 1 perfecting press, or 1 cylinder and 2 platen presses.....	48	.4583	48	.4583
Operating 2 single-color Harris presses.....	48	.3958	48	.3958
Operating 1 single-color Harris press.....	48	.3542	48	.3542
<b>Pressmen, platen:</b>				
Operating 5 presses.....	48	.4063	48	.4063
Operating 4 presses.....	48	.3646	48	.3646
Operating 3 presses.....	48	.3229	48	.3229
Operating 1 or 2 presses.....	48	.3021	48	.3021
Operating 2 automatic presses.....	48	.4583	48	.4583
Operating 1 automatic press.....	48	.3854	48	.3854
<i>Printing trades, newspaper.</i>				
<b>Compositors, daywork: English union.....</b>	47½	.5244	47½	.5244
<b>Compositors, nightwork:</b>				
English union.....	48	.5833	48	.5833
German union.....	40	.5000	40	.5000
<b>Linotype operators, daywork: English union.....</b>	47½	.5244	47½	.5244
<b>Linotype operators, nightwork:</b>				
English union.....	48	.5833	48	.5833
German union.....	40	.5000	40	.5000

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CINCINNATI, OHIO—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Machine tenders:				
Daywork.....	48	\$0.5208	48	\$0.5208
Nightwork.....	48	.5833	48	.5833
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5000	48	.5000
Head pressmen, nightwork.....	48	.5000	48	.5000
Tension men, daywork.....	48	.4375	48	.4375
Tension men, nightwork.....	48	.4375	48	.4375
Oilers and platers, daywork.....	48	.4063	48	.4063
Oilers and platers, nightwork.....	48	.4063	48	.4063
Stereotypers:				
Daywork.....	51	.4412	1 51	2.4706
Nightwork.....	46½	.4839	46½	.5161

## CLEVELAND, OHIO.

<i>Bakery trades.</i>				
Bakers, first hands:				
Bohemian union, daywork.....	54	\$0.2963	51	\$0.3333
Bohemian union, nightwork.....	54	.3148	51	.3529
German union <sup>2</sup> .....				
Hebrew union, daywork.....	48	.4375	48	.4583
Hebrew union, nightwork.....	48	.4583	48	.4583
Bakers, second hands:				
Bohemian union, daywork.....	54	.2963	51	.3333
Bohemian union, nightwork.....	54	.3148	51	.3529
German union, daywork and nightwork.....	54	.2593	54	.2778
Hebrew union, daywork.....	48	.3542	48	.3542
Hebrew union, nightwork.....	48	.3750	48	.3750
Bakers, third hands:				
Bohemian union, daywork.....	54	.2593	51	.2745
Bohemian union, nightwork.....	54	.2778	51	.2941
German union, daywork and nightwork.....	54	.2222	54	.2407
Bakers' helpers:				
Hebrew union, daywork.....			60	.2333
Hebrew union, nightwork.....			60	.2333
<i>Building trades.</i>				
Bricklayers.....	48	.6500	48	.6500
Bricklayers (Hebrew union).....	48	.6000	48	.6000
Carpenters.....	48	.4500	48	.5900
Cement workers (finishers) <sup>4</sup> .....	48	.6000	48	.6000
Cement workers (finishers).....	48	.5000	48	.5000
Cement workers (helpers).....	48	.3000	48	.3500
Cement workers, mixers (laborers).....	48	.2500	48	.2500
Engineers, portable and hoisting:				
Boom derrick.....	48	.6000	48	.6000
Hoist.....	48	.5000	48	.5000
Hod carriers and laborers:				
English union.....	48	.2813	48	.3125
Hebrew union.....	48	.3000	48	.3125
Inside wiremen.....	48	.5750	48	.5750
Inside wiremen (fixture hangers).....	54	.3056	54	.3750
Inside wiremen's helpers.....	48	.2500	48	.2500
Marble cutters and setters.....	44	.6250	44	.6250
Marble cutters' and setters' helpers.....	44	.3750	44	.3750
Painters.....	48	.4500	44	.5900
Painters, fresco.....	48	.6500	44	.7000
Plasterers.....	44	.6250	44	.6250
Plasterers' helpers (hod carriers).....	48	.3000	48	.3500
Plumbers and gas fitters.....	44	.6250	44	.6250
Sheet-metal workers.....	48	.4250	48	.4500

<sup>1</sup> 48 hours, October to March.

<sup>2</sup> \$0.5000, October to March.

<sup>3</sup> No minimum scale.

<sup>4</sup> Rock asphalt and glass lights and sidewalks laid in cement and composition work.

**TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.**
**CLEVELAND, OHIO—Continued.**

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Steam fitters and sprinkler fitters.....	48	\$0.5625	1 44	\$0.5625
Steam fitters' and sprinkler fitters' helpers.....	48	.2813	1 44	.2813
Stonemasons (laying dressed stone).....	48	.6500	48	.6500
Stonemasons (rubble work).....	48	.5000	48	.5000
Structural ironworkers and finishers.....	48	.6500	48	.6500
Structural ironworkers, finishers' helpers.....	48	.3500	48	.3500
Tile layers.....	48	.5625	48	.5938
Tile layers' helpers.....	48	.2500	48	.2813
<i>Granite and stone trades.</i>				
Granitecutters:				
Inside men.....	48	.4188	44	.4188
Machine men (large surfacing).....	48	.4500	44	.5000
Machine men (small surfacing).....	48	.4250	44	.4500
Outside men.....	48	.5500	44	.5500
Stone cutters.....	44	.5625	44	.6000
<i>Metal trades.</i>				
Boilermakers:				
Field work, manufacturing shops.....	48	.5000	48	.5000
Railroad shops, road A.....	54	.3500	54	.3550
Shopmen and manufacturing shops.....	54	.3333	54	.3500
Railroad shops, road B.....	54	.3250	54	.3250
Boiler makers' helpers, field work.....	48	.4000	48	.4000
Boiler makers' helpers, manufacturing shops.....	54	.2000	54	.2000
Core makers.....	54	.3611	54	.3889
Machinists:				
All-round men.....	54	.3611	54	.3611
Tool and die makers.....	54	.4000	54	.4000
Specialists.....	54	.3056	54	.3056
Molders: Iron and brass.....	54	.3611	54	.3889
Pattern makers, wood:				
Manufacturing shops.....	54	.4250	54	.4250
Jobbing shops.....	49½	.4400	49½	.4700
<i>Millwork.</i>				
Carpenters.....	54	.3250	54	.3500
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters or forwarders (printed work).....	48	.3125	48	.3125
Finishers or forwarders (blank work).....	48	.3750	48	.3750
Rulers.....	48	.3125	48	.3125
Compositors:				
English.....	48	.3958	48	.3958
Hungarian.....	45	.3111	45	.3556
Electrotypers:				
Battery men, casters and blockers.....	48	.3333	48	.3333
Builders.....	48	.3125	48	.3125
Finishers.....	48	.4167	48	.4167
Molders.....	48	.4375	48	.4375
Linotype operators:				
English union.....	48	.5375	48	.5375
Hungarian union.....	45	.4778	45	.5000
Machine tenders' union, English.....	48	.5375	48	.5375
Press feeders:				
Cylinder presses.....	48	.2708	48	.2708
Job press assistants.....	48	.2396	48	.2396
Flat bed, Harris and auto presses.....	48	.3229	48	.3229
Self-feeding or folding presses.....	48	.2917	48	.2917
Pony presses.....	48	.2188	48	.2188
Patent inside or newspaper feeders.....	48	.3438	48	.3438
Platen presses.....	48	.1979	48	.1979
Operators and feeders on folding machines.....	48	.3333	48	.3333
Pressmen:				
Cylinder, 1 or 2 presses.....	48	.3958	48	.4167
Pony cylinder.....	48	.3229	48	.3438

1 48 hours, January to March and October to December.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## CLEVELAND, OHIO—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Pressmen, platen:				
Operating 1 or 2 presses .....	48	\$0.2500	48	\$0.2708
Operating 3 presses .....	48	.2708	48	.2917
Operating 4 presses .....	48	.3021	48	.3229
Operating 5 or more presses .....	48	.3333	48	.3542
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union .....	48	.5375	48	.5375
German union .....	48	.3750	48	.4167
Hungarian union .....	45	.4444	45	.5000
Compositors, nightwork: English union .....	48	.6000	48	.6000
Linotype operators, daywork:				
English union .....	48	.5375	48	.5375
German union .....	48	.4375	48	.4583
Hungarian union .....	45	.4778	48	.5000
Linotype operators, nightwork: English union .....	48	.6000	48	.6000
Machine tenders:				
Daywork .....	48	.5375	48	.5375
Nightwork .....	48	.6000	48	.6000
Pressmen, web presses:				
Head pressmen, daywork .....	48	.4688	48	.4688
Tension men and brakemen, daywork .....	48	.4000	48	.4000
Oilers and platers, daywork .....	48	.3281	48	.3281
Head pressmen, nightwork .....	42	.5357	42	.5357
Tension men and brakemen, nightwork .....	42	.4571	42	.4571
Oilers and platers, night work .....	42	.3750	42	.3750
Stereotypers:				
Daywork .....	48	.5000	48	.5000
Nightwork .....	45	.5333	45	.5467

## DALLAS, TEX.

<i>Bakery trades.</i>				
Bakers:				
First hands .....	60	\$0.3667	60	\$0.3667
Second hands .....	60	.3333	60	.3333
Third hands .....	60	.3000	60	.3000
<i>Building trades.</i>				
Bricklayers .....	44	.7500	44	.8750
Carpenters .....	44	.5000	44	.5500
Carpenters (stair builders) .....	44	.6250	44	.6750
Cement workers (finishers) .....	48	.5000	48	.5000
Cement workers (helpers) .....	48	.3500	48	.3500
Cement workers (laborers) .....	48	.2500	48	.2500
Engineers, hoisting and portable:				
Boom derrick .....	48	.5000	48	.6250
Hoist .....	48	.5000	48	.5625
Hod carriers:				
Brick men .....	44	.2500	44	.2500
Mortar men .....	44	.2813	44	.2813
Inside wiremen .....	48	.5000	44	.5625
Inside wiremen (fixture hangers) .....			44	.5000
Inside wiremen helpers .....	48	.2500	44	.2500
Laborers, excavating .....	44	.2500	44	.2500
Lathers, metal .....	48	.6250	48	.6250
Lathers, wood—cypress .....	48	.3750	48	.3750
Marble cutters and setters .....	44	.6250	44	.7500
Marble cutters and setters' helpers .....	44	.3125	44	.3750
Painters .....	48	.4375	44	.5000
Plasterers .....	44	.7500	44	.7500
Plasterers' laborers .....	44	.3000	44	.3000
Plumbers and gas fitters .....	44	.6875	44	.6875
Sheet-metal workers .....	48	.5000	48	.5000
Steam fitters .....	44	.6875	44	.6875
Steam fitters' helpers .....	44	.3125	44	.3125
Stonemasons .....	44	.7500	44	.8750
Structural iron workers .....	44	.5625	44	.6250

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## DALLAS, TEX.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Granite and stone trades.</i>				
Stonecutters.....	44	\$0.6250	44	\$0.6250
<i>Metal trades.</i>				
Core makers.....	54	.3611	54	.3611
Machinists.....	54	.4000	54	.4000
Molders, iron.....	54	.3611	54	.3611
<i>Printing trades, book and job.</i>				
Bookbinders: Cutters, finishers, forwarders, and rulers.....	48	.3750	48	.3750
Compositors.....	48	.4583	48	.5208
Electrotypers:				
Finishers.....	48	.3750	48	.3750
Molders.....	48	.4167	48	.4167
Linotype operators.....	48	1.1250	48	1.1250
Press feeders:				
Cylinder, commercial.....	48	.2750	48	.2750
Cylinder, publication.....	48	.3094	48	.3094
Pressmen, cylinder, operating 1 cylinder and 2 platen presses.....	48	.4583	48	.4583
Pressmen, platen:				
Operating 1 or 2 presses.....	48	.2750	48	.2750
Operating 3 presses.....	48	.3438	48	.3438
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.5500	48	.5500
Nightwork.....	48	.6250	48	.6250
Linotype operators:				
Daywork.....	48	1.1250	48	1.1250
Nightwork.....	48	1.1350	48	1.1350
Machine tenders:				
Daywork.....	48	.6250	48	.6250
Nightwork.....	48	.7292	48	.7292
Machine tenders' helpers, nightwork.....	48	.5208	48	.5208
Pressmen, web presses:				
Head pressmen, daywork or nightwork.....	48	.6250	48	.6250
Journeymen, daywork.....	48	.4375	48	.4375
Journeymen, nightwork.....	48	.4375	48	.4375
Stereotypers:				
Daywork.....	48	.4167	48	.4688
Nightwork.....	48	.4479	48	.5000

## DENVER, COLO.

<i>Bakery trades.</i>				
Bakers, first hands:				
Foremen, working with 5 or more men.....	54	\$0.4630	54	\$0.4630
Foremen, alone or with less than 5 men.....	54	.4074	54	.4074
Oven men.....	54	.3704	54	.3704
Mixers.....	54	.3704	54	.3704
Bakers, second hands, bench hands.....	54	.3333	54	.3333
<i>Building trades.</i>				
Bricklayers, building work.....	44	.7500	44	.7500
Bricklayers, sewer work.....	44	1.0000	44	1.0000
Carpenters.....	44	.6000	44	.6000
Cement workers:				
Finishers.....	44	.6875	44	.6875
Laborers.....	44	.3750	44	.3750
Engineers, hoisting and portable:				
Boom derrick.....	44	.6250	44	.6250
Hoist.....	44	.5625	44	.5625
Hod carriers:				
Brick men.....	44	.3750	44	.3750
Mortar men.....	44	.4063	44	.4063

1 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## DENVER, COLO.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Inside wiremen.....	44	\$0. 5625	44	\$0. 5625
Marble setters.....	44	. 6250	44	. 6875
Marble setters' helpers.....	44	. 3750	44	. 3750
Painters.....	44	. 5000	44	. 5000
Plasterers.....	44	. 6875	44	. 7500
Plasterers' laborers.....	44	. 4375	44	. 4375
Plumbers and gas fitters.....	44	. 6250	44	. 6250
Sheet-metal workers.....	44	. 5625	44	. 5625
Sprinkler fitters.....	44	. 6250	44	. 6250
Sprinkler fitters' helpers.....	44	. 3125	44	. 3125
Steam fitters.....	44	. 6250	44	. 6250
Steam fitters' helpers.....	44	. 3125	44	. 3125
Stonemasons.....	44	. 6250	44	. 6250
Structural ironworkers.....	44	. 5625	44	. 5625
Structural ironworkers, finishers.....	44	. 5625	44	. 5625
Tilelayers.....	44	. 6250	44	. 6250
Tilelayers' helpers.....	44	. 3438	44	. 3438
<i>Granite and stone trades.</i>				
Granite cutters, inside men.....	44	. 5713	44	. 5713
Stonecutters.....	44	. 6250	44	. 6250
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	. 4000	54	. 4000
Railroad shops, road B.....	54	. 4150	54	. 4150
Railroad shops, road A.....	48	. 4250	48	. 4250
Blacksmiths' helpers:				
Manufacturing shops.....	54	. 2500	54	. 2500
Railroad shops, road B.....	54	. 2800	54	. 2800
Railroad shops, road A.....	48	. 2900	48	. 2900
Boiler makers:				
Manufacturing shops.....	54	. 4100	54	. 4100
Railroad shops, road B.....	54	. 4100	54	. 4100
Railroad shops, road A.....	48	. 4100	48	. 4100
Boiler makers' helpers:				
Railroad shops, road B.....	54	. 2800	54	. 2800
Railroad shops, road A.....	48	. 2800	48	. 2800
Core makers.....	54	. 4167	54	. 4167
Machinists:				
Manufacturing shops.....	54	. 4000	54	. 4000
Railroad shops, road A.....	48	. 4100	48	. 4100
Railroad shops, road C.....	54	. 4000	54	. 4000
Railroad shops, road B.....	54	. 4000	54	. 4100
Machinists' helpers:				
Manufacturing shops.....	54	. 2400	54	. 2400
Railroad shops, road A.....	48	. 2400	48	. 2400
Railroad shops, road B.....	54	. 2400	54	. 2400
Molders, iron: Bench, floor, and machine.....	54	. 4444	54	. 4444
Pattern makers, wood:				
Manufacturing and jobbing shops.....	54	. 4500	54	. 4500
Railroad shops.....	54	. 3900	54	. 3900
<i>Millwork.</i>				
Painters, hardwood finishers.....	54	. 3333	54	. 3333
<i>Printing trades, book and job.</i>				
Bookbinders: Cutters, finishers, forwarders, and rulers.....	48	. 4792	48	. 5000
Compositors.....	48	. 5313	48	. 5417
Electrotypers:				
Battery men and builders, floor men.....	48	. 3333	48	. 3333
Finishers.....	48	. 4375	48	. 4375
Molders.....	48	. 5208	48	. 5208
Linotype operators.....	48	. 5313	48	. 5417
Press feeders:				
Cylinder presses.....	48	. 3333	48	. 3438
Platen presses.....	48	. 1875	48	. 1979
Press assistants.....	48	. 3542	48	. 3646
Pressmen, cylinder presses, operating 1 or 2 presses.....	48	. 5417	48	. 5417



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

DENVER, COLO.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Pressmen, platen presses:				
Operating 7 presses.....	48	\$0.5208	48	\$0.5208
Operating 6 presses.....	48	.5000	48	.5000
Operating 5 presses.....	48	.4583	48	.4583
Operating 3 or 4 presses.....	48	.4167	48	.4167
Operating 1 or 2 presses.....	48	.3750	48	.3750
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	45	.6333	45	.6333
Nightwork.....	45	.7000	45	.7000
Linotype operators:				
Daywork.....	45	.6333	45	.6333
Nightwork.....	45	.7000	45	.7000
Machine tenders:				
Daywork.....	45	.6333	45	.6333
Nightwork.....	45	.7000	45	.7000
Pressmen, web presses:				
Head pressmen, daywork.....	48	.6250	48	.6250
Head pressmen, nightwork.....	48	.6250	48	.6250
Journeymen, daywork.....	48	.5000	48	.5000
Journeymen, nightwork.....	48	.5000	48	.5000
Stereotypers:				
Daywork.....	48	.5313	48	.5313
Nightwork.....	48	.5313	48	.5313

DETROIT, MICH.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union, foremen and dough mixers, day or night work.....	51	\$0.3529	51	\$0.3725
Hebrew union, foremen, two ovens, daywork.....	54	.4259	51	.4510
Hebrew union, foremen, two ovens, nightwork.....	54	.3889	51	.4706
Hebrew union, foremen, one oven, daywork.....	54	.3889	51	.4118
Hebrew union, foremen, one oven, nightwork.....	54	.3889	51	.4314
Bakers, second hands:				
German union, daywork or nightwork.....	51	.3137	51	.3333
Hebrew union, daywork.....	54	.3333	51	.3529
Hebrew union, nightwork.....	54	.3333	51	.3725
Bakers, third hands:				
Hebrew union, daywork.....	54	.2593	51	.2941
Hebrew union, nightwork.....	54	.2593	51	.3137
<i>Building trades.</i>				
Bricklayers.....	<sup>1</sup> 48	.6250	<sup>1</sup> 48	.6500
Bricklayers, sewer, caisson, and tunnel work.....	48	.7500	48	.7500
Carpenters.....	48	.5000	48	.5000
Carpenters, Hebrew union.....	48	.5000	48	.5000
Cement workers, finishers.....	60	.4000	54	.5000
Engineers, hoisting and portable.....	60	.5000	60	.5000
Hod carriers and building laborers.....	48	.3500	48	.3500
Inside wiremen.....	48	.4688	48	.4688
Inside wiremen's helpers.....	48	.2813	48	.2813
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3438	44	.3438
Painters.....	48	.4000	48	.4500
Plasterers.....	44	.6250	44	.6800
Plasterers' laborers.....	44	.3750	44	.3750
Plumbers and gas fitters.....	48	.5000	48	.5625
Sheet-metal workers.....	48	.4000	48	.4000
Steam fitters.....	48	.5000	48	.5625
Steam fitters' helpers.....	48	.2500	48	.2500
Stonemasons.....	48	.5500	48	.6000
Structural ironworkers.....	<sup>2</sup> 48	.6000	<sup>2</sup> 48	.6000

<sup>1</sup> 44 hours, June 15 to Sept. 15.

<sup>2</sup> 44 hours, June to September.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

DETROIT, MICH.—Concluded.

Grade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44½	\$0. 4375	44½	\$0. 4500
Machine men.....	44½	. 4875	44½	. 5000
Outside men.....	44½	. 5000	44½	. 5125
Stonecutters.....	44	. 5625	44	. 6250
<i>Metal trades.</i>				
Boiler makers:				
Manufacturing shops.....	60	. 3400	55	. 4090
Outside men.....	48	. 5000	48	. 5000
Railroad shops.....	60	. 3400	60	. 3400
Core makers.....	54	. 3611	54	. 3889
Machinists:				
Manufacturing shops.....	55	. 3333	55	. 3500
Die sinkers.....	55	. 5000	55	. 5000
Tool and die sinkers.....			60	. 4000
Jobbing shops.....	54	. 3333	54	. 3500
Outside men.....	48	. 6250	48	. 6250
Railroad shops, road A.....	60	. 3100	60	. 3100
Railroad shops, road B.....	60	. 3450	54	. 3550
Molders, iron: Bench and floor.....	54	. 3611	54	. 3889
Pattern makers, wood:				
Manufacturing shops.....	60	. 4200	60	. 4500
Jobbing shops and manufacturing.....	55	. 4250	55	. 4500
<i>Printing trades, book and job.</i>				
Bookbinders: Cutters, finishers, forwarders, or rulers.....	48	. 3333	48	. 3750
Compositors.....	48	. 3854	48	. 3854
Electrotypers:				
Battery men and builders.....	48	. 2604	48	. 2604
Finishers.....	48	. 3750	48	. 3750
Molders.....	48	. 3750	48	. 3750
Linotype operators.....	48	. 5000	48	. 5500
Press feeders:				
Cylinder presses.....	48	. 2708	48	. 2917
Platen presses.....	48	. 2292	48	. 2500
Press assistants.....	48	. 2708	48	. 2917
Pressmen, cylinder presses: Operating 1 or 2 presses.....	48	. 3750	48	. 3958
Pressmen, platen presses:				
Operating 6 or more presses.....			48	. 3958
Operating 4 or 5 presses.....			48	. 3542
Operating 3 presses.....			48	. 3125
Operating 2 presses.....			48	. 2708
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	48	. 5000	48	. 5500
German union.....	48	. 3750	48	. 3750
Compositors, nightwork: English union.....	48	. 5500	48	. 6000
Linotype operators, daywork:				
English union.....	48	1, 2400	48	1, 2400
English union.....	48	. 5000	48	. 5500
German union.....	40	. 5000	40	. 5000
Linotype operators, nightwork:				
English union.....	48	1, 2600	48	1, 2600
English union.....	48	. 5500	48	. 6000
Machine tenders:				
Daywork.....	48	. 4375	48	. 4375
Nightwork.....	48	. 5000	48	. 5000
Pressmen, web presses:				
Head pressmen, daywork.....	48	. 4792	48	. 4792
Head pressmen, nightwork.....	48	. 4792	48	. 4792
Tension men, daywork.....	48	. 4063	48	. 4063
Tension men, nightwork.....	48	. 4063	48	. 4063
Oilers and platers, daywork.....	48	. 4063	48	. 4063
Oilers and platers, nightwork.....	48	. 4063	48	. 4063
Floormen and flymen, daywork.....	48	. 3750	48	. 3750
Floormen and flymen, nightwork.....	48	. 3750	48	. 3750
Stereotypers:				
Daywork.....	48	. 5000	48	. 5000
Nightwork.....	43	. 5698	43	. 5698

¹ Per 100 lines, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—(Continued.)

## FALL RIVER, MASS.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	48	\$0.5500	48	\$0.5500
Carpenters.....	48	.4200	48	.4200
Inside wiremen.....	48	.3750	48	.3750
Inside wiremen's helpers.....	44	.1875	48	.1875
Painters.....	44	.3750	44	.4100
Plasterers.....	48	.5500	48	.5500
Plumbers and gas fitters.....	48	.4375	48	.4375
Stonemasons.....	48	.5500	48	.5500
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	48	.4063	45	.4300
Machine men.....	48	.4375	45	.4925
Outside men.....	48	.4375	45	.4613
<i>Metal trades.</i>				
Core makers.....	60	.2750	54	.3333
Molders, iron, bench and floor.....	60	.2750	54	.3333
<i>Printing trades, book and job.</i>				
Compositors.....	48	.3333	48	.3333
<i>Printing trades, newspaper.</i>				
Compositors:				
Head "Ad" men, daywork.....	48	.4167	48	.4583
Assistant "Ad" men and make-ups, daywork.....	48	.3750	48	.4167
Floor hands, head setters, and head framers, daywork.....	48	.3333	48	.3750
Linotype operators, daywork.....	48	.4167	48	.4583
Machine tenders, daywork.....	48	.4167	48	.4583
Pressmen, web presses, daywork.....	48	.4167	48	.5208
Stereotypers, daywork.....	48	.3854	48	.3854

## INDIANAPOLIS, IND.

<i>Bakery trades.</i>				
Bakers, first hands:				
Oven men, daywork.....	60	\$0.2667	60	\$0.2667
Oven men, nightwork.....	60	.3000	60	.3000
Bakers: Second hands.....	60	.2667	60	.2667
Bakers: Third hands.....	60	.2000	60	.2000
<i>Building trades.</i>				
Bricklayers.....	44	.7000	44	.7500
Carpenters.....	44½	.4500	44½	.5000
Carpenters, stair builders.....	44½	.4500	44½	.5000
Cement workers, finishers.....	54	.5000	48	.5000
Engineers, hoisting and portable.....	48	.6000	45	.6000
Hod carriers:				
Brick men.....	44	.3500	44	.4000
Mortar men.....	44	.3500	44	.4250
Inside wiremen.....	48	.4500	48	.4750
Inside wiremen, fixture hangers.....	48	.4000	48	.4250
Laborers, building work.....			54	.2500
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3125	44	.3438
Painters.....	48	.4250	48	.4750
Painters, fresco.....	48	.4250	48	.4750
Plasterers.....	44½	.6250	44½	.6250
Plumbers and gas fitters.....	44	.5625	44	.6250
Sheet-metal workers.....	48	.4500	48	.4750
Sprinkler fitters.....	44	.5000	44	.5000
Sprinkler fitters' helpers.....	44	.2500	44	.3125
Steam fitters.....	44	.5625	44	.6250
Steam fitters' helpers.....	44	.2813	44	.3125
Stonemasons.....	44	.6500	44	.7000
Structural iron workers.....	44	.6500	44	.6500
Structural iron workers, finishers.....	44	.6500	44	.6500
Tile layers.....	48	.5625	44	.6250
Tile layers' helpers.....	48	.2500	44	.3125

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## INDIANAPOLIS, IND.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Granite and stone trades.</i>				
Stonecutters.....	47	\$.5625	44	\$.5625
<i>Metal trades.</i>				
<b>Blacksmiths:</b>				
Manufacturing shops.....	54	.3500	54	.3500
Railroad shops.....	54	.3333	54	.3450
<b>Blacksmiths' helpers:</b>				
Manufacturing shops.....	54	.1800	54	.1800
Railroad shops.....	54	.1950	54	.2050
<b>Boiler makers:</b>				
Manufacturing shops.....	50	.3200	50	.3500
Outside men.....	48	.4000	48	.5000
Railroad shops, road B.....	54	.3650	54	.3650
Railroad shops, road C.....	54	.3500	54	.3500
Boiler makers' helpers, railroad shops.....	54	.2000	54	.2000
Core makers.....	54	.3222	54	.3222
<b>Machinists:</b>				
Manufacturing shops.....	50	.3500	50	.4000
Outside men.....	44	.5000	44	.5000
Railroad shops, road A.....	54	.3333	54	.3450
Railroad shops, road B.....	54	.3500	54	.3600
Railroad shops, road C.....	54	.3500	54	.3600
Machinists' helpers, outside men.....	44	.3000	44	.3000
<b>Molders, iron:</b>				
Bench.....	54	.3556	54	.3556
Floor.....	54	.3611	54	.3611
Machine.....	54	.3111	54	.3111
<b>Pattern makers:</b>				
Jobbing shops.....	50	.5000	44	.5000
Manufacturing shops.....	54	.4250	50	.4250
Railroad shops.....	55	.3350	50	.3450
<i>Millwork.</i>				
Carpenters.....	54	.3500	54	.3500
<i>Printing trades, book and job.</i>				
Bookbinders, all classifications.....	48	.4167	48	.4375
<b>Compositors:</b>				
English union.....	48	.4167	48	.4375
German union.....	48	.3958	48	.4271
<b>Electrotypers:</b>				
Battery men, casters, backers, and blockers.....	48	.3125	48	.3438
Builders.....	48	.3438	48	.3750
Finishers.....	48	.4375	48	.4375
Molders.....	48	.4583	48	.4583
Linotype operators.....	48	.5000	48	.5000
<b>Press feeders:</b>				
Press assistants.....	48	.3125	48	.3542
Cylinder presses.....	48	.2708	48	.3125
Newspaper feeders.....	48	.3021	48	.3438
Pony presses.....	48	.1875	48	.2500
Pressmen, cylinder presses: Operating 1 or 2 presses.....	48	.4167	48	.4479
<b>Pressmen, platen presses:</b>				
Operating 1 press.....	48	.2292	48	.2604
Operating 2 presses.....	48	.2708	48	.3021
Operating 3 presses.....	48	.3125	48	.3438
Operating 4 presses.....	48	.3542	48	.3854
Operating 5 presses.....	48	.3958	48	.4271
<i>Printing trades, newspaper.</i>				
<b>Compositors, daywork:</b>				
English union.....	48	.5000	48	.5000
German union.....	48	.3958	48	.4271
English union (bankmen).....	48	.4792	48	.4792
<b>Compositors, nightwork:</b>				
English union.....	48	.5417	48	.5417
English union (bankmen).....	48	.5208	48	.5208
<b>Linotype operators, daywork:</b>				
English union.....	48	.5000	48	.5000
German union.....	48	.4583	48	.5000

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## INDIANAPOLIS, IND.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Linotype operators, nightwork: English union.....	48	\$0.5417	48	\$0.5417
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5208	48	.5208
Tension men or brakemen, daywork.....	48	.4167	48	.4375
Oilers and platers, daywork.....	48	.3958	48	.4063
Riggers, daywork.....	48	.2917	48	.3333
Head pressmen, nightwork.....	48	.5208	48	.5521
Tension men or brakemen, nightwork.....	48	.4375	48	.4688
Oilers and platers, nightwork.....	48	.3958	48	.4375
Riggers, nightwork.....	48	.2917	48	.3646
Stereotypers:				
Daywork.....	48	.4688	48	.4688
Nightwork.....	48	.4688	48	.4688

## JACKSONVILLE, FLA.

<i>Building trades.</i>				
Bricklayers.....	48	\$0.5000	48	\$0.6250
Carpenters.....	48	.3125	48	.3125
Inside wiremen.....	48	.3125	48	.4500
Painters.....	48	.3750	48	.3750
Plasterers.....	48	.5625	48	.5625
Plumbers and gas fitters.....	48	.6250	48	.6250
Sheet-metal workers.....	48	.3750	48	.3750
Sheet-metal workers, Negro.....	48	.3438	48	.3438
Sheet-metal workers, railroad shops.....	54	.3500	54	.3600
Steam fitters.....	48	.6250	48	.6250
Stonemasons.....	48	.5000	48	.6250
<i>Granite and stone trades.</i>				
Stonecutters.....	45	.5000	45	.5000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.3900	54	.4100
Blacksmiths' helpers: Railroad shops.....			54	.1650
Boiler makers:				
Manufacturing shops.....	54	.3650	54	.4000
Railroad shops.....	54	.4250	54	.4350
Machinists:				
Manufacturing shops.....	54	.3650	54	.3650
Specialists, railroad shops.....	54	.3250	54	.3250
Railroad shops.....	54	.4000	54	.4100
<i>Millwork.</i>				
Carpenters.....	54	.3333	54	.3333
<i>Printing trades, book and job.</i>				
Compositors.....	48	.3750	48	.3750
Electrotypers.....	48	.3750	48	.3750
Linotype operators.....	48	.4375	48	.4375
Machine tenders.....	48	.4375	48	.4375
Press feeders:				
Cylinder presses.....	48	.2083	48	.2500
Platen presses.....	48	.1667	48	.1875
Pressmen, cylinder presses: Operating 1 or 2 presses.....	48	.3750	48	.3750
Pressmen, platen presses:				
Operating 1 or 2 presses.....	48	.2500	48	.2500
Operating 4 presses.....	48	.3125	48	.3125
Operating 7 presses.....	48	.3750	48	.4063
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.3750	48	.3750
Nightwork.....	42	.5000	42	.5000

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## JACKSONVILLE, FLA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Linotype operators:				
Daywork .....	48	<sup>1</sup> \$0.0900	48	<sup>1</sup> \$0.0900
Nightwork .....	42	<sup>1</sup> 1.1000	42	<sup>1</sup> 1.1000
Machine tenders, daywork .....	48	.4375	48	.4375
Pressmen, web presses:				
Head pressmen, daywork .....	48	.3750	48	.3750
Head pressmen, nightwork .....	48	.3750	48	.3750
Brakemen and tensionmen, daywork .....	48	.3125	48	.3125
Brakemen and tensionmen, nightwork .....	48	.3125	48	.3125
Oilers and platers, daywork .....	48	.2500	48	.2500
Oilers and platers, nightwork .....	48	.2500	48	.2500
Stereotypers:				
Daywork .....	48	.3750	48	.3750
Nightwork .....	48	.3750	48	.3750

## KANSAS CITY, MO.

<i>Bakery trades.</i>				
Bakers, first hands, hand bakeries:				
Foremen in small shops .....	54	\$0.3519	54	\$0.3519
Oven men .....	54	.3889	54	.3889
Spongers .....	54	.3889	54	.3889
Bakers, first hands, machine bakeries:				
Ovenmen .....	48	.4375	48	.4375
Sponge mixers .....	48	.4375	48	.4375
Bakers, first hands, pie bakeries:				
Foremen, hand bakeries .....	54	.3704	54	.3889
Foremen, machine bakeries .....	48	.4167	48	.4375
Bakers, first hands, cake and roll: Foremen, hand bakeries .....	54	.4167	54	.4815
Bakers, second hand, hand bakeries:				
Bench hands .....	54	.3519	54	.3519
Drawers .....	54	.3704	54	.3704
Bakers, second hands, machine bakeries:				
Bench hands .....	48	.3958	48	.3958
Drawers .....	48	.4167	48	.4167
Bakers, second hands, pie:				
Oven men, hand bakeries .....	54	.3333	54	.3519
Oven men, machine bakeries .....	48	.3750	48	.3958
Bakers, second hands, cake and roll:				
Underhands, hand bakeries .....	54	.3519	54	.3519
Underhands, machine bakeries .....	48	.3958	48	.3958
Bakers, third hands, pie bakeries, hand bakeries:				
Dough mixers .....	54	.2963	54	.3148
Fillers .....	54	.2963	54	.3148
Bench hands .....	54	.2778	54	.2963
Bakers, third hands, pie, machine bakeries:				
Dough mixers .....	48	.3333	48	.3542
Fillers .....	48	.3333	48	.3542
Rolling-machine operators .....	48	.3125	48	.3333
<i>Building trades.</i>				
Bricklayers .....	44	.7500	44	.7500
Carpenters .....	44	.5500	44	.5500
Carpenters, parquet-floor layers .....	44	.5500	44	.5500
Cement workers (finishers) .....	44	.6225	44	.6250
Cement workers' helpers .....	44	.4000	44	.5000
Engineers, hoisting and portable .....	48	.7000	48	.7000
Hod carriers .....	44	.3750	44	.3750
Inside wiremen .....	<sup>2</sup> 44	.6225	<sup>2</sup> 44	.6250
Inside wiremen, fixture hangers .....	48	.5000	44	.5000
Inside wiremen's helpers .....	<sup>2</sup> 44	.2500	<sup>2</sup> 44	.2500
Laborers:				
Building work .....	48	.2500	48	.2750
Plumbing work .....	48	.3000	44	.3000

<sup>1</sup> Per 1,000 ems, nonpareil.<sup>2</sup> 48 hours, October to May.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—(Continued.)

## KANSAS CITY, MO.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Lathers:				
Metal.....	44	\$0.5625	44	\$0.6250
Wood.....	44	.4375	44	.4375
Marble setters.....	44	.6875	44	.6875
Marble setters' helpers.....	44	.3500	44	.3750
Painters.....	44	.5000	44	.6000
Painters, fresco.....	44	.5000	44	.6000
Plasterers.....	44	.7500	44	.7500
Plasterers' laborers.....	44	.3750	44	.3750
Plumbers and gas fitters.....	48	.6250	48	.6250
Sheet-metal workers.....	44	.5000	44	.5750
Sprinkler fitters.....	48	.5313	48	.5313
Sprinkler fitters' helpers.....	48	.3125	48	.3125
Steam fitters.....	44	.6250	44	.6250
Steam fitters' helpers.....	44	.3125	44	.3125
Stonemasons.....	44	.6250	44	.6250
Structural iron workers.....	44	.6250	44	.6250
Structural iron workers, finishers.....	44	.6250	44	.6250
Tile layers.....	44	.6875	44	.7500
Tile layers' helpers.....	44	.3125	44	.3750
<i>Granite and stone trades.</i>				
Stonecutters.....	44	.5625	44	.5625
<i>Metal trades.</i>				
Blacksmiths:				
Railroad shops, road B.....	54	.3500	54	.3500
Railroad shops, road A.....	54	.3600	54	.3600
Railroad shops, road D.....	54	.3900	54	.3900
Railroad shops (terminal), road D.....	60	.3500	60	.3500
Railroad shops, road E.....	54	.4000	54	.4300
Railroad shops, road F.....	54	.4000	54	.4200
Railroad shops, road H.....	54	.3900	54	.3900
Railroad shops, road G.....	54	.3600	54	.3700
Railroad shops, road C.....	54	.3800	54	.3800
Blacksmiths' helpers:				
Railroad shops, road B.....	54	.2000	54	.2000
Railroad shops, road A.....	54	.1900	54	.1900
Railroad shops, road D.....	54	.2500	54	.2600
Railroad shops (terminal), road D.....	60	.2350	60	.2350
Railroad shops, road C.....	54	.1900	54	.1900
Railroad shops, road E.....	54	.2300	54	.2450
Railroad shops, road F.....	54	.2500	54	.2600
Railroad shops, road H.....	54	.2300	54	.2300
Railroad shops, road G.....	54	.2000	54	.2100
Boilermakers:				
Manufacturing shops.....	54	.3800	54	.3800
Outside men.....	54	.4500	54	.5625
Railroad shops.....	54	.4000	54	.4200
Boilermakers' helpers:				
Manufacturing shops.....	54	.1600	54	.2200
Outside men.....	54	.2700	54	.3100
Railroad shops.....	54	.2300	54	.2500
Coremakers.....	54	.3611	54	.4000
Machinists:				
All-round men, manufacturing shops.....	54	.3700	54	.3700
Tool and die makers.....	54	.4000	54	.4250
Railroad shops.....	54	.4000	54	.4000
Packing houses.....	54	.3500	54	.3500
Machinists' helpers; Railroad shops.....	54	.2000	54	.2000
Molders, iron; Bench, floor, and machine.....	54	.3611	54	.4000
Pattern makers, wood:				
Jobbing shops.....	49½	.4250	49½	.4250
Manufacturing shops.....	54	.4000	54	.4000
<i>Millwork.</i>				
Carpenters, cabinetmakers.....	54	.4000	54	.4000
Painters, hardwood finishers.....	54	.3500	54	.3500

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## KANSAS CITY, MO.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	\$0.3542	48	\$0.3542
Cutters and folding machine operators.....	48	.3750	48	.3750
Finishers, first-class.....	48	.3750	48	.3750
Finishers, second-class.....	48	.3333	48	.3333
Forwarders, first-class.....	48	.3750	48	.3750
Forwarders, second-class.....	48	.3333	48	.3333
Rulers, first-class.....	48	.3750	48	.3750
Rulers, second-class.....	48	.3333	48	.3333
Compositors.....	48	.3958	48	.4167
Electrotypers, all classifications.....	48	.4375	48	.4375
Linotype operators.....	48	.5313	48	.5521
Machine tenders.....	48	.6250	48	.6250
Press feeders:				
Cylinder presses.....	48	.3021	48	.3021
Platen presses.....	48	.1875	48	.2083
Pony presses.....	48	.2708	48	.2708
Operating automatic feeders.....	48	.3021	48	.3021
Patent insides, cylinder feed.....	48	.3281	48	.3281
Pressmen, cylinder presses:				
Operating 1 press, 24 by 36 inches or under.....	48	.3750	48	.3750
Operating 2 presses, 24 by 36 inches or under, without foreman.....	48	.4375	48	.4375
Operating 2 presses, 24 by 36 inches or under, with foreman.....	48	.3750	48	.3750
Operating 1 press over 38 by 56 inches.....	48	.4375	48	.4375
Operating 2 presses.....	48	.4375	48	.4375
Operating 1 cylinder and 2 platen presses.....	48	.4167	48	.4167
Pressmen, platen presses:				
Operating 1 press.....	48	.3125	48	.3125
Operating 2 presses.....	48	.3333	48	.3333
Operating 3 or 4 presses.....	48	.3542	48	.3542
Operating 5 to 7 presses.....	48	.3958	48	.3958
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.5625	48	.5938
Nightwork.....	48	.5625	48	.5938
Linotype operators:				
Daywork.....	48	.5625	48	.5938
Nightwork.....	48	.5625	48	.5938
Machine tenders:				
Daywork.....	48	.6250	48	.6250
Nightwork.....	48	.6250	48	.6250
Pressmen, web presses, day or nightwork:				
Head pressmen.....	48	.5000	48	.5000
Journeymen.....	48	.4375	48	.4375
Sterotypers, day or nightwork.....	48	.5625	48	.5625

## LITTLE ROCK, ARK.

<i>Building trades.</i>				
Bricklayers.....	48	\$0.7500	44	\$0.7500
Carpenters.....	48	.5000	48	.5000
Cement workers, finishers.....	54	.5556	54	.5556
Cement workers' helpers.....	54	.2500	54	.3000
Engineers, hoisting and portable:				
Hoist.....	54	.5000	54	.5000
Boom derrick.....	54	.6250	54	.6250
Inside wiremen.....	48	.4500	48	.5000
Inside wiremen's helpers.....	48	.2500	48	.2500
Painters.....	48	.4375	48	.5000
Plasters.....	44	.7500	44	.7500
Plasterers' laborers.....	44	.2500	44	.2500
Plumbers.....	48	.5625	48	.5625
Sheet-metal workers:				
Shopmen.....	48	.5000	48	.5000
Railroad shops, road B.....	54	.3700	53	.3863
Railroad shops, road A.....	53	.3762	53	.3914



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## LITTLE ROCK, ARK.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Steam fitters.....	48	\$0.5625	48	\$0.5625
Stonemasons.....	48	.6250	44	.6250
<i>Granite and stone trades.</i>				
Stonecutters.....			44	.5500
<i>Metal trades.</i>				
<b>Blacksmiths:</b>				
Railroad shops, road A.....	53	.3965	53	.4126
Railroad shops (1st fire), road B.....	54	.4100	53	.4575
Railroad shops (2d fire), road B.....	54	.4100	53	.4372
Railroad shops (light car fire), road B.....			53	.3660
Railroad shops (miscellaneous fire), road B.....	54	.4100	53	.4067
Railroad shops (hammermen), road B.....	54	.3450	53	.3558
<b>Boiler makers:</b>				
Manufacturing shops.....	60	.4100	60	.4100
Railroad shops.....	54	.4100	53	.4321
Railroad shops, roundhouse, daywork.....	60	.4100	53	.4321
Railroad shops, roundhouse, nightwork.....	58	.4666	57	.4321
Railroad shops, helpers.....	54	.2150	53	.2389
Core makers.....	54	.3500	54	.3500
<b>Machinists:</b>				
Manufacturing shops.....	54	.4100	54	.4250
Railroad shops.....	54	.4100	53	.4321
Engine and roundhouse, daywork.....	60	.4100	53	.4321
Engine and roundhouse, nightwork.....	58	.4666	57	.4321
<b>Machinists' helpers:</b>				
Manufacturing shops.....	54	.1600	54	.2222
Railroad shops.....			53	.2033
Roundhouse, daywork.....			53	.2033
Roundhouse, nightwork.....			57	.2033
Molders, iron.....	54	.3889	54	.3889
<i>Printing trades, book and job.</i>				
<b>Bookbinders:</b>				
Cutters.....	48	.3333	48	.3333
Finishers, forwarders, and rulers.....	48	.3750	48	.3750
Compositors.....	48	.3750	48	.3750
Linotype operators.....	48	.5000	48	.5000
Machine tenders.....	48	.4167	48	.4167
<b>Press feeders:</b>				
Cylinder presses.....	48	.2708	48	.2708
Platen presses.....	48	.1458	48	.1458
Pony presses.....	48	.1875	48	.1875
<b>Pressmen, cylinder:</b>				
Operating 2 presses.....	48	.4063	48	.4063
Operating 1 cylinder and 1 platen press.....	48	.3854	48	.3854
Operating cylinder and lithographic presses.....	48	.6250	48	.6250
Pressmen, platen: Operating 4 presses.....	48	.3333	48	.3333
<i>Printing trades, newspaper.</i>				
<b>Compositors:</b>				
Daywork.....	48	.4583	48	.4792
Nightwork.....	48	.5000	48	.5000
<b>Linotype operators:</b>				
Daywork.....	42	1.0950	42	1.0950
Nightwork.....	42	1.1000	42	1.1000
<b>Machine tenders:</b>				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5833	48	.5833
<b>Pressmen, web presses:</b>				
Head pressmen, daywork.....	48	.6250	48	.6250
Head pressmen, nightwork.....	48	.6667	48	.6667
Journeyman, daywork.....	48	.3438	48	.3438
Journeyman, nightwork.....	48	.3646	48	.3646
<b>Stereotypers:</b>				
Daywork.....	48	.4375	48	.4375
Nightwork.....	48	.4375	48	.4375

1 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## LOS ANGELES, CAL.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades.</i>				
Bakers:				
First hands, oven men.....	54	\$0.3889	54	\$0.3889
Second hands, bench hands.....	54	.3333	54	.3333
Third hands, helpers.....	54	.2222	54	.2222
<i>Building trades.</i>				
Bricklayers.....	44	.7500	44	.7500
Carpenters.....	48	.5000	48	.5000
Cement workers, finishers.....	48	.6250	48	.6250
Cement workers' laborers.....	48	.3750	48	.3750
Engineers, portable and hoisting.....	48	.5000	48	.5000
Hod carriers.....	44	.4063	44	.4063
Inside wiremen.....	48	.4375	48	.5000
Inside wiremen, fixture hangers.....	48	.4375	48	.5000
Laborers, building work.....	44	.3438	44	.3438
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.2813	44	.3750
Painters.....	48	.4375	48	.4375
Plasterers.....	44	.6875	44	.7500
Plasterers' laborers.....	44	.5625	44	.5625
Plumbers and gas fitters.....	48	.5625	48	.5625
Sheet-metal workers.....	44	.5625	44	.5625
Sprinkler fitters.....	48	.4375	48	.4375
Sprinkler fitters' helpers.....	48	.3125	48	.3125
Steam fitters.....	48	.5625	48	.5625
Stonemasons.....			48	.6250
Structural ironworkers.....	48	.5000	48	.5000
Structural ironworkers, finishers.....	48	.5000	48	.5000
Tile layers.....	48	.5625	48	.6250
Tile layers' helpers.....	48	.2813	48	.3438
<i>Granite and stone trades.</i>				
Granite cutters.....	48	.6250	48	.6250
<i>Metal trades.</i>				
Boiler makers, manufacturing shops.....	54	.3500	54	.3500
Boiler makers' helpers, manufacturing shops.....	54	.2500	54	.2500
Core makers.....	54	.3750	54	.3750
Machinists:				
Manufacturing shops.....	54	.4500	54	.4000
Manufacturing and auto repair shops.....	54	.4000	54	.3750
Breweries.....	48	.5500	48	.5625
Railroad shops.....	54	.4300	54	.4000
Manufacturing and repair shops.....	48	.5000	48	.5000
Newspaper offices.....	48	.5000	48	.5000
Machinists' helpers: Manufacturing and railway shops.....	54	.2500	54	.2500
Molders, iron.....	54	.3750	54	.3750
Pattern makers, wood:				
Jobbing shops.....	48	.5300	48	.5300
Manufacturing and artificial stone molds.....	48	.5000	48	.5000
<i>Millwork.</i>				
Carpenters.....	48	.4375	48	.4375
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	.3750	48	.4063
Finishers and forwarders.....	48	.4063	48	.4063
Rulers.....	48	.4063	48	.4063
Compositors.....	48	.4375	48	.4688
Compositors on poster work.....	48	.5000	48	.5417
Electrotypers, all classifications.....	48	.5000	48	.5000
Linotype operators.....	48	.5833	48	.5833
Pressfeeders:				
Cylinder presses.....	48	.3125	48	.3542
Platen presses.....	48	.2500	48	.2917
Pressmen, cylinder presses:				
Operators of 1 or 2 cylinder presses.....	48	.4375	48	.4688
Operators of 1 cylinder and 2 platen presses.....	48	.4375	48	.4688

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## LOS ANGELES, CAL.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Pressmen, platen presses:				
Operators of 1 to 3 platen presses.....	48	\$0.3750	48	\$0.4063
Operators of 4 platen presses.....	48	.3958	48	.4271
Operators of more than 4 platen presses.....	48	.4167	48	.4479
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	45	.6222	45	.6222
Nightwork.....	45	.6889	45	.6889
Linotype operators:				
Daywork.....	45	.6222	45	.6222
Nightwork.....	45	.6889	45	.6889
Machine tenders:				
Daywork.....	45	.6222	45	.6222
Nightwork.....	45	.6889	45	.6889
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5833	48	.5833
Head pressmen, nightwork.....	42	.6667	42	.6667
Journeyman, daywork.....	48	.5208	48	.5208
Journeyman, nightwork.....	42	.5952	42	.5952
Tension men, daywork.....	48	.5521	48	.5521
Tension men, nightwork.....	42	.6310	42	.6310
Stereotypers:				
Daywork.....	48	.5000	48	.5625
Nightwork.....	48	.5000	48	.5625

## LOUISVILLE, KY.

<i>Bakery trades.</i>				
Bakers, first hands:				
Mixers.....	57	\$0.2982	57	\$0.2982
Oven men.....	57	.2807	57	.2807
Bakers, second hands.....	57	.2456	57	.2456
<i>Building trades.</i>				
Bricklayers.....	48	.6500	48	.6500
Carpenters.....	44	.4500	44	.4500
Cement workers, finishers.....	60	.4000	60	.4500
Cement workers' helpers.....			60	.2500
Engineers, hoisting and portable.....	48	.5900	48	.5625
Hod carriers:				
Mortar men.....	48	.3800	48	.3800
Plasterers' laborers and brick men.....	48	.3800	48	.3800
Wheeler and pilers.....	48	.3500	48	.3500
Inside wiremen.....	48	.4375	48	.4000
Inside wiremen's helpers.....	48	.2813	48	.2813
Laborers, building.....			48	.2188
Painters.....	48	.4250	48	.4500
Painters, fresco.....	48	.6500	48	.6500
Plasterers.....	44	.6500	44	.6500
Plasterers' laborers.....	(1)	(1)	(1)	(1)
Plumbers and gas fitters.....	48	.5000	44	.6000
Sheet-metal workers.....	48	.3750	48	.4000
Steam fitters.....	48	.5000	48	.5000
Steam fitters' helpers.....	48	.2500	48	.2500
Stonecutters.....	48	.5000	48	.5625
Stonemasons.....	48	.5500	44	.5500
Structural iron workers.....	48	.5000	48	.5000
Tile layers.....	48	.5000	48	.5000
<i>Granite and stone trades.</i>				
Granite cutters, inside men.....	48	.4663	45	.4500
Stonecutters.....	48	.5000	48	.5625

1 See Hod carriers.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## LOUISVILLE, KY.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
Boiler makers:				
Manufacturing shops.....	54	\$0.3200	54	\$0.3200
Railroad shops, road A.....	54	.3500	54	.4100
Railroad shops, roundhouse, road C.....	60	.3750	60	.3750
Railroad shops, terminal.....	54	.3550	54	.3800
Railroad shops, road D.....	54	.3300	54	.3300
Boiler makers' helpers:				
Manufacturing shops.....	54	.1950	54	.2150
Railroad shops, road A.....	54	.2000	54	.2150
Railroad shops, terminal.....	54	.1950	54	.2150
Railroad shops, road D.....	54	.1950	54	.1950
Machinists:				
Manufacturing shops.....	54	.3333	54	.3333
Outside men.....	48	.4000	48	.4000
Railroad shops, terminal.....	54	.3250	54	.3900
Railroad shops, road F.....	54	.3250	54	.3800
Machinists' helpers, outside men.....	48	.2500	48	.2500
Pattern makers, wood.....			60	.3000
<i>Printing trades, book and job.</i>				
Compositors:				
English union.....	48	.3438	48	.3750
German union.....	48	.3125	48	.3125
Linotype operators.....	48	.4500	48	.4900
Machine tenders.....	48	.4792	48	.4792
Monotype operators.....	48	.4500	48	.4900
Press feeders:				
Cylinder presses.....	48	.2292	48	.2292
Cylinder, automatic feed and press assistants.....	48	.2708	48	.2708
Platen presses.....	48	.1563	48	.1563
Press assistants, 1 platen press.....	48	.2292	48	.2292
Pressmen, cylinder presses:				
Operating 1 or 2 presses with automatic feed.....	48	.4167	48	.4167
Operating 1 or 2 presses.....	48	.3750	48	.3750
Operating large cylinder and 2 platen presses.....	48	.3750	48	.3750
Operating 2 Harris presses.....	48	.3750	48	.3750
Operating pony press.....	48	.3125	48	.3125
Operating pony and 2 job presses.....	48	.3438	48	.3438
Pressmen, platen presses:				
Operating 4 presses.....	48	.3750	48	.3750
Operating 3 presses.....	48	.3125	48	.3125
Operating 1 or 2 presses.....	48	.2500	48	.2500
<i>Printing trades, newspaper.</i>				
Compositors: Daywork, English union.....	48	.4700	48	.4900
Compositors, nightwork:				
English union.....	48	.5200	48	.5400
German union.....	40	.4500	40	.4500
Linotype operators: Daywork, English union.....	48	.4900	48	.4900
Linotype operators, nightwork:				
English union.....	48	.5400	48	.5400
German union.....	40	.4750	40	.4750
Machine tenders:				
Care of 14 to 18 machines.....	48	.6250	48	.6250
Care of 19 to 25 machines.....	48	.6667	48	.6667
Pressmen, web presses:				
Head pressmen, daywork.....	48	.4375	48	.4375
Head pressmen, nightwork.....	43	.4883	43	.4883
Oilers and platers, daywork.....	48	.3750	48	.3750
Oilers and platers, nightwork.....	43	.4186	43	.4186
Tension men, daywork.....	48	.3750	48	.3750
Tension men, nightwork.....	43	.4186	43	.4186
Stereotypers:				
Daywork.....	48	.4375	48	.4375
Nightwork.....	48	.4375	48	.4375

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MANCHESTER, N. H.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	1 48	\$0. 5500	1 48	\$0. 5500
Carpenters.....	48	. 3125	48	. 4000
Inside wiremen.....	48	. 3125	48	. 3125
Plasterers.....	1 48	. 4375	1 48	. 5000
Plumbers and gas fitters.....	48	. 3125	48	. 3125
Sheet-metal workers.....	48	. 3125	48	. 3438
Steam fitters.....	48	. 3125	48	. 3125
<i>Granite and stone trades.</i>				
Granite cutters.....	48	. 3750	48	. 4063
<i>Metal trades.</i>				
Core makers.....	54	. 3333	54	. 3333
Molders, iron: Bench, floor, and machine.....	54	. 3611	54	. 3611
<i>Printing trades, book and job.</i>				
Compositors.....	48	. 3333	48	. 3542
Linotype operators.....	48	. 3333	48	. 3542
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	. 3333	48	. 3542
Nightwork.....	48	. 4167	48	. 4167
Linotype operators:				
Daywork.....	48	. 3333	48	. 3542
Nightwork.....	48	. 4167	48	. 4167
Machine tenders:				
Daywork.....	48	. 5208	48	. 5208
Nightwork.....	48	. 4792	48	. 4792

## MEMPHIS, TENN.

<i>Bakery trades.</i>				
Bakers, first hands:				
Foremen, hand bakeries, daywork.....			54	\$0. 3704
Foremen, hand bakeries, nightwork.....	54	\$0. 4074	54	. 4074
Foremen, machine bakeries, nightwork.....	54	. 4074	54	. 4074
Oven hands and spongers, machine bakeries, nightwork.....	54	. 3519	54	. 3519
Bakers, second hands:				
Bench hands, hand bakeries, daywork.....			54	. 3148
Bench hands, hand bakeries, nightwork.....	54	. 3333	54	. 3333
Bench hands, machine bakeries, nightwork.....	54	. 3333	54	. 3333
<i>Building trades.</i>				
Bricklayers.....	44	. 7 00	44	. 7500
Carpenters.....	44	. 5000	44	. 5000
Carpenters, stair builders.....	44	. 5000	44	. 5000
Cement workers, finishers.....	48	. 5000	48	. 5000
Cement workers' helpers.....	48	. 3000	48	. 3000
Engineers, portable and hoisting.....	44	. 5625	44	. 6000
Hod carriers.....	44	. 3000	44	. 3000
Inside wiremen.....	48	. 4500	48	. 4500
Inside wiremen's helpers.....	48	. 1875	48	. 1875
Painters.....	44	. 5000	44	. 5000
Plasterers.....	44	. 7500	44	. 7500
Plasterers' laborers.....	44	. 3250	44	. 3250
Plumbers and gas fitters.....	48	. 6250	48	. 6250
Sheet-metal workers, shopmen.....	48	. 4500	48	. 4500
Sheet-metal workers (railroad shops).....	54	. 3800	54	. 3800
Steam fitters.....	48	. 6250	48	. 6250
Steam fitters' helpers.....	48	. 2500	48	. 3125
Structural ironworkers.....	44	. 5625	44	. 6250
Tile layers.....	48	. 5625	48	. 5625
<i>Granite and stone trades.</i>				
Stonecutters.....	44	. 6500	44	. 6500

1 44 hours, June to September.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MEMPHIS, TENN.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	\$0.4444	54	\$0.4444
Railroad shops.....	54	.4100	54	.4100
Boiler makers, manufacturing shops and railroad shops, road A.....	54	.4100	54	.4100
Boiler makers, railroad shops, road B.....	54	.3900	54	.4100
Boiler makers, railroad shops, road C.....	54	.4000	54	.4250
Machinists:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.4100	54	.4250
Molders and core makers.....	54	.3889	54	.4167
Pattern makers, wood.....	54	.4500	54	.4500
<i>Millwork.</i>				
Carpenters:				
Bench work.....	49½	.3750	49½	.3750
Stair work.....	49½	.5000	49½	.5000
<i>Printing trades, book and job.</i>				
Compositors.....	48	.4000	48	.4000
Electrotypers.....	48	.5208	48	.5208
Linotype operators.....	48	.5000	48	.6250
Pressfeeders, cylinder press.....	48	.2417	48	.2708
Pressmen, cylinder:				
Foremen, 2 presses.....	48	.4104	48	.4792
Operating 2 presses.....	48	.3698	48	.4375
Operating 1 press.....	48	.2948	48	.3438
Pressmen, platen:				
Operating 1 or 2 presses.....	48	.2313	48	.2813
Operating 3 presses.....	48	.2948	48	.3125
Operating 4 presses.....	48	.3000	48	.3438
Operating automatic press.....	48		48	.3125
Stereotypers.....	48	.5000	48	.5000
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.5000	48	.5778
Nightwork.....	48	.5700	48	.5700
Head "ad" men:				
Daywork.....	48	.5208	45	.6222
Nightwork.....	48	.6250	48	.6250
Linotype operators:				
Daywork.....	48	1.0950	48	1.0950
Nightwork.....	48	1.1050	48	1.1050
Machine tenders:				
Daywork.....	48	.5208	45	.6667
Nightwork.....	48	.6250	48	.6250
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5000	48	.5000
Head pressmen, nightwork.....	48	.5000	48	.5000
Journeymen, daywork.....	48	.4375	48	.4375
Journeymen, nightwork.....	48	.4375	48	.4375
Stereotypers:				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5000	48	.5000

## MILWAUKEE, WIS.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union, nightwork.....	57	\$0.3158	57	\$0.3158
Hebrew union, daywork.....	57	.3158	57	.3158
Bakers, second hands:				
German union, nightwork.....	57	.2807	57	.2807
Hebrew union, daywork.....	57	.2632	57	.2632
Bakers, third hands:				
German union, nightwork.....	57	.2632	57	.2632
Hebrew union, daywork.....	57	.2281	57	.2281

1 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MILWAUKEE, WIS.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	44	\$0.6500	44	\$0.6750
Carpenters.....	44	.4500	44	.5000
Cement workers, finishers.....	48	.4500	48	.4500
Cement workers' helpers.....	48	.3500	48	.3500
Cement workers' laborers.....	48	.2750	48	.3000
Engineers, hoisting and portable, general work.....	1 48	.6250	2 44	.6250
Hod carriers.....	48	.3250	48	.3250
Inside wiremen.....	44	.4500	44	.4500
Inside wiremen's helpers.....	44	.2500	44	.2500
Laborers, building work.....	48	.3250	48	.3250
Lathers.....	44	.5313	44	.5313
Marble setters.....	44	.5625	44	.6250
Marble setters' helpers.....	44	.2813	44	.3750
Painters.....	44	.5000	44	.5000
Painters, fresco.....	44	.5000	44	.5000
Plasterers.....	44	.6500	44	.6500
Plumbers and gas fitters.....	44	.5625	44	.6250
Sheet-metal workers.....	3 48	.4250	3 48	.4250
Sprinkler fitters.....	44	.5000	44	.5313
Sprinkler fitters' helpers.....	44	.2813	44	.3125
Steam fitters:				
Building work.....	44	.5000	44	.5625
Railroad shops.....	4 50	5.3162	4 50	6.3315
Steam fitters' helpers:				
Building work.....	44	.2500	44	.2813
Railroad work.....	4 50	7.2091	4 50	8.2193
Stonemasons.....	44	.6500	44	.6750
Structural iron workers.....	9 48	.5625	9 48	.5625
Structural iron workers, finishers.....	9 48	.5625	9 48	.5625
Tile layers.....	44	.6250	44	.6250
Tile layers' helpers.....	44	.3438	44	.3438
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....			45	.4000
Outside men.....			44	.5000
Stonecutters.....	44	.5000	44	.5000
<i>Metal trades.</i>				
Blacksmiths, railroad shops:				
Forging machine men.....	4 50	10.2907	4 50	11.3060
Trip hammermen.....	4 50	12.2958	4 50	13.3111
Hammermen.....	4 50	14.3672	4 50	15.3825
Regular scale.....	4 50	11.3060	4 50	12.3213
Blacksmiths' helpers, railroad shops:				
Hammermen's helpers.....	4 50	17.2244	4 50	18.2346
Regular scale.....	4 50	19.2142	4 50	17.2244
Boiler makers, railroad shops.....	4 50	20.4080	4 50	21.4233
Boiler makers' helpers, railroad shops.....	4 50	17.2244	4 50	18.2346
Core makers.....	54	.5157	54	.3167
Machinists:				
Manufacturing shops.....	55	.3300	55	.3300
Tool and die makers.....	55	.4000	55	.4000
Specialists.....	55	.2750	55	.2750
Railroad shops.....	22 50	23.4029	22 50	24.4182
Breweries.....	44	.4250	44	.4500

1 44 hours in June, July, August, and September.

2 48 hours, January to April and November and December.

3 44 hours, June 15 to Sept. 15.

4 54 hours, October to April.

5 \$0.3100, October to April.

6 \$0.3250, October to April.

7 \$0.2050, October to April.

8 \$0.2150, October to April.

9 44 hours, June to October.

10 \$0.2850, October to April.

11 \$0.3000, October to April.

12 \$0.2900, October to April.

13 \$0.3050, October to April.

14 \$0.3600, October to April.

15 \$0.3750, October to April.

16 \$0.3150, October to April.

17 \$0.2200, October to April.

18 \$0.2300, October to April.

19 \$0.2100, October to April.

20 \$0.4000, October to April.

21 \$0.4150, October to April.

22 54 hours, October to April.

23 \$0.3950, October to April.

24 \$0.4100, October to April.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MILWAUKEE, WIS.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades—Concluded.</i>				
Molders, iron:				
Bench.....	54	\$0.3500	54	\$0.3500
Floor and machine.....	54	.3611	54	.3611
Pattern makers:				
Jobbing shops.....	49½	.4500	49½	.5000
Manufacturing shops.....	55	.3750	55	.3750
<i>Millwork.</i>				
Carpenters.....	54	.3250	54	.3300
Painters, hardwood finishers.....	49½	.3500	49½	.3750
<i>Printing trades, book and job.</i>				
Compositors:				
English union.....	48	.3958	48	.4167
German union.....	48	.3750	48	.4375
Electrotypers:				
Molders.....	48	.4375	48	.4375
Finishers.....	48	.4375	48	.4375
Battery men and builders.....	48	.3125	48	.3125
Linotype operators:				
English union.....	48	.4688	48	.4792
German union.....	48	.4167	48	.5000
Press feeders:				
Cylinder presses, 25 by 38 inches and over.....	48	.2917	48	.3125
Cylinder presses, under 25 by 38 inches.....	48	.2083	48	.2292
Cylinder presses, patent insides.....	48	.3229	48	.3438
Cylinder presses, with automatic feed.....	48	.2917	48	.3125
Pressmen, cylinder presses:				
Operating 1 or 2 presses.....	48	.4375	48	.4375
Operating 1 single-color Harris press.....	48	.3542	48	.3542
Pressmen, platen presses:				
Operating 4 presses.....	48	.3542	48	.3750
Operating 3 presses.....	48	.3125	48	.3333
Operating 1 or 2 presses.....	48	.2708	48	.2917
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	48	.4479	48	.4583
German union.....	48	.3750	48	.4167
Compositors, nightwork:				
English union.....	48	.5208	48	.5208
German union.....	48	.4375	48	.4792
Linotype operators, daywork:				
English union.....	48	.4479	48	.4583
German union.....	48	.4167	48	.4375
Linotype operators, nightwork:				
English union.....	48	.5208	48	.5208
German union.....	48	.4792	48	.5000
Pressmen, web presses, daywork:				
Head pressmen.....	48	.4375	48	.4375
Journeymen.....	48	.3963	48	.3963
Pressmen, web presses, nightwork:				
Head pressmen.....	48	.4375	48	.4375
Journeymen.....	48	.3963	48	.3963
Stereotypers:				
Daywork.....	48	.4188	48	.4375
Nightwork.....	48	.4188	48	.4375

## MINNEAPOLIS, MINN.

<i>Bakery trades.</i>				
Bakers, first hands, German union:				
Foremen, one or more men, daywork.....	60	\$0.3167	54	\$0.3519
Foremen, one or more men, nightwork.....	60	.3333	54	.3704
Foremen, working alone, daywork.....	60	.3000	54	.3333
Foremen, working alone, nightwork.....	60	.3167	54	.3519
Bakers, second hands, German union:				
Bench hands, daywork.....	60	.2667	54	.2963
Bench hands, nightwork.....	60	.2833	54	.3148
Bakers, third hands, German union:				
Helpers, first year, daywork.....	60	.1333	54	.1481
Helpers, first year, nightwork.....	60	.1667	54	.1852



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MINNEAPOLIS, MINN.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	48	\$0.6500	48	\$0.6500
Carpenters.....	48	.5000	48	.5000
Engineers, hoisting and portable.....	54	.5000	54	.5000
Inside wiremen.....	48	.5000	48	.5000
Inside wiremen, fixture hangers.....	48	.4500	48	.4500
Inside wiremen's helpers.....	48	.3750	48	.3750
Lathers.....	48	.5000	48	.5000
Marble cutters and setters.....	48	.5625	48	.5625
Marble setters' helpers.....	48	.3125	48	.3125
Painters.....	48	.4500	44	.5000
Painters, fresco.....	48	.4500	44	.5000
Plasterers.....	44	.7000	44	.7000
Plasterers' tenders.....	44	.4063	44	.4063
Plumbers and gas fitters.....	48	.5625	48	.5625
Sheet-metal workers.....	48	.4500	48	.5000
Sprinkler fitters.....	48	.5000	48	.5313
Sprinkler fitters' helpers.....	48	.3125	48	.3125
Steam fitters.....	48	.5625	44	.5625
Steam fitters' helpers.....	48	.2813	44	.2813
Stonemasons.....	48	.5500	48	.5500
Structural ironworkers.....	48	.5625	48	.5625
Structural ironworkers, finishers.....	48	.5625	48	.5625
Tile layers.....	48	.6250	44	.6250
Tile layers' helpers.....	48	.2850	44	.2850
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	48	.4250	48	.4750
Outside men.....			44	.5625
Stonecutters.....	44	.5625	44	.5625
<i>Metal trades.</i>				
Blacksmiths, railroad shops.....	1 50	2 3366	1 50	3 3519
Blacksmiths' helpers, railroad shops.....	1 50	4 2244	1 50	6 2346
Boiler makers:				
Railroad shops, road A.....	1 50	6 4233	1 50	7 4386
Railroad shops, road B.....	1 50	8 4437	1 50	8 4394
Railroad shops, road C.....	1 50	9 3570	1 50	9 3570
Boiler makers' helpers:				
Railroad shops, road A.....			1 50	10 2295
Railroad shops, road B.....			1 50	11 2374
Core makers.....	54	.3222	54	.3222
Machinists:				
Manufacturing shops.....	59	.3350	59	.3350
Breweries.....	54	.4500	54	.4850
Flour mills.....	55	.3500	55	.3500
Railroad shops.....	53	.4279	53	.4279
Molders, iron.....	54	.3667	54	.3667
Pattern makers:				
Jobbing shops.....	54	.4200	54	.4400
Manufacturing shops.....	55	.4000	55	.4250
Railroad shops.....	50	.4080	50	.4080
<i>Millwork.</i>				
Carpenters.....	54	.3333	54	.3333
<i>Printing trades, book and job.</i>				
Compositors.....	48	.4167	48	.4375
Electrotypers:				
Molders and finishers.....	54	.3611	54	.3611
Helpers.....	54	.2778	54	.2778

1 53 hours, October to April; paid for 54 hours.

2 \$0.3362, October to April.

3 \$0.3515, October to April.

4 \$0.2242, October to April.

5 \$0.2343, October to April.

6 \$0.4228, October to April.

7 \$0.4381, October to April.

8 \$0.4432, October to April.

9 \$0.3566, October to April.

10 \$0.2292, October to April.

11 \$0.2394, October to April.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## MINNEAPOLIS, MINN.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Linotype operators.....	48	\$0.4792	48	\$0.5000 <sup>1</sup>
Machinists.....	48	.4792	48	.5400
Press feeders:				
Cylinder presses.....	48	.2552	48	.2813
Platen presses.....	48	.2083	48	.2500
Pressmen, cylinder:				
Operating 1 or 2 presses.....	48	.4063	48	.4250
Operating 3 presses.....	48	.4479	48	.4396
Pressmen, platen:				
Operating 1 to 3 presses.....	48	.2813	48	.3125
Operating 4 or more presses.....	48	.3229	48	.3525
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	48	.4792	48	.5400
German union.....	48	.4063	48	.4063
Compositors, nightwork, English union.....	48	.5417	48	.6000
Linotype operators, daywork: English union.....	48	<sup>1</sup> .1000	48	<sup>1</sup> .1050
Linotype operators, nightwork: English union.....	42	<sup>1</sup> .1100	42	<sup>1</sup> .1150
Machinists:				
Daywork.....	48	.4792	48	.5400
Nightwork.....	48	.5417	48	.6000
Pressmen, web:				
Head pressmen, daywork.....	54	.4074	54	.4444
Tension men, daywork.....	54	.3333	54	.3611
Oilers and platers, daywork.....	54	.2963	54	.3241
Stereotypers, daywork.....	48	.4063	48	.4063

## NEWARK, N. J.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union, in 2-man and 3-man shops and oven men's helpers.....	60	\$0.3000	60	\$0.3000
German union, in 4-man shops, oven men and dough mixers.....	60	.3167	60	.3167
Hebrew union, daywork.....	51	.4510	51	.4706
Hebrew union, nightwork.....	51	.4706	51	.4902
Italian union.....	72	.2083	72	.2083
Bakers, second hands:				
German union.....	60	.2667	60	.2667
Hebrew union, daywork.....	51	.3922	51	.4118
Hebrew union, nightwork.....	51	.4118	51	.4314
Italian union.....	72	.1667	72	.1667
Bakers, third hands:				
German union, 3-man shops.....	60	.2333	60	.2333
German union, 4-man shops.....	60	.2500	60	.2500
<i>Building trades.</i>				
Bricklayers.....	44	.6500	44	.6500
Carpenters.....	44	.5000	44	.5000
Cement workers, finishers.....	44	.6250	44	.6250
Cement workers' helpers.....	44	.3500	44	.3500
Engineers, hoisting and portable.....	44	.6875	44	.6875
Hod carriers.....	44	.3500	44	.3500
Inside wiremen.....	44	.5625	44	.5625
Inside wiremen, fixture hangers.....	44	.4688	44	.4688
Inside wiremen's helpers.....	44	.3125	44	.3125
Marble setters.....	44	.6250	44	.6875
Marble setters' helpers.....	44	.3750	44	.4063
Painters.....	44	.4400	44	.4400
Plasterers.....	44	.6500	44	.6500
Plumbers and gas fitters.....	44	.5625	44	.6250
Sheet-metal workers.....	44	.5500	44	.6000
Steam fitters.....	44	.6500	44	.6250

<sup>1</sup> Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEWARK, N. J.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Steam fitters' helpers, union A.....	44	\$0.3000	44	\$0.3313
Steam fitters' helpers, union B.....	44	.3000	44	.3125
Stonemasons.....	44	.6500	44	.6500
Structural iron workers.....	44	.6250	44	.6250
Structural iron workers, finishers' helpers.....	44	.4375	44	.4375
Tile layers.....	44	.6250	44	.6250
Tile layers' helpers.....	44	.3750	44	.3750
<i>Granite and stone trades.</i>				
Granite cutters.....			44	.5000
Stonecutters:				
First class.....	44	.6250	44	.6875
Second class.....	44	.5625	44	.6250
Third class.....	44	.5000	44	.5625
<i>Metal trades.</i>				
Core makers.....	54	.3611	54	.3889
Machinists:				
All-round men.....	54	.3611	54	.3611
Die makers.....	54	.4200	54	.4200
Outside men.....	48	.6200	48	.6200
Molders, iron:				
Bench.....	54	.3611	54	.3889
Floor.....	54	.3889	54	.3889
Pattern makers, wood:				
Manufacturing shops.....	49½	.4444	49½	.4444
Jobbing shops.....	44	.5313	44	.5313
<i>Millwork.</i>				
Carpenters.....	44	.3500	44	.3500
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, sheet straighteners.....	48	.3750	48	.4137
Cutters, duplex.....	48	.4167	48	.4583
Finishers and first class forwarders.....	48	.4375	48	.4792
Forwarders, second class.....	48	.3750	48	.4167
Rulers, first class.....	48	.4375	48	.4792
Rulers and second class finishers.....	48	.3750	48	.4167
Compositors.....	48	.4583	48	.4792
Linotype operators.....	48	.4583	48	.4792
Press feeders:				
Cylinder presses.....	48	.3125	48	.3333
Cylinder presses, assistant pressman.....	48	.3542	48	.3750
Pressmen, cylinder:				
Operating 1 or 2 presses.....	48	.4792	48	.5000
Operating 2-color presses; one-machine process work, 1 or 2 machines.....	48	.5000	48	.5208
Pressmen, operating 1 automatic press.....	48	.3750	48	.4167
Pressmen, platen presses:				
Operating 2 automatic presses.....	48	.4375	48	.4583
Operating 5 or 6 presses.....	48	.3958	48	.4167
Operating 3 or 4 presses.....	48	.3542	48	.3750
Operating 1 or 2 presses.....	48	.3125	48	.3333
<i>Printing trades, newspaper.</i>				
Compositors, daywork, English union.....	46	.6087	46	.6087
Compositors and linotype operators, daywork, German union.....	40	.5000	40	.5250
Compositors, nightwork, English union.....	46	.6739	46	.6739
Compositors and linotype operators, nightwork, German union.....	40	.5625	40	.5875
Linotype operators, daywork.....	46	.6087	46	.6087
Linotype operators, nightwork.....	46	.6739	46	.6739
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5833	48	.6250
Head pressmen, nightwork.....	36	.5833	36	.6250
Tension men, floormen, oilers, and platers, daywork.....	48	.4792	48	.5000
Tension men, floormen, oilers, and platers, nightwork.....	36	.6389	36	.6667
Stereotypers:				
Daywork.....	48	.5313	48	.5625
Nightwork.....	48	.5729	48	.5625

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEW HAVEN, CONN.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades.</i>				
Bakers, first hands:				
German union, hand and machine bakeries.....	54	\$0.3704	54	\$0.3704
Hebrew union, foremen.....	60	.3667	60	.3833
Bakers, second hands:				
German union, hand and machine bakeries.....	54	.3148	54	.3148
Hebrew union, hand bakeries.....	60	.3000	60	.3167
Bakers, third hands:				
German union, hand and machine bakeries.....	54	.2963	54	.2963
Hebrew union, hand bakeries.....	60	.2667	60	.2833
<i>Building trades.</i>				
Bricklayers.....	44	.6000	44	.6000
Carpenters.....	44	.4500	44	.4750
Engineers, hoisting and portable.....	44	.5000	44	.5000
Hod carriers.....	44	.2800	44	.2800
Painters.....	44	.4091	44	.4091
Painters, fresco.....	44	.5000	44	.5000
Plasterers.....	44	.6000	44	.6000
Plumbers.....	44	.5450	44	.5450
Sheet-metal workers.....	44	.4775	44	.4775
Steam fitters.....	44	.4775	44	.5000
Steam fitters' helpers.....	44	.2500	44	.2500
Stonemasons.....	44	.5000	44	.5000
Structural iron workers.....	44	.5625	44	.6250
Structural iron workers, finishers.....	44	.5625	44	.6250
Structural iron workers, finishers' helpers.....	44	.3500	44	.3800
<i>Granite and stone trades.</i>				
Granitecutters:				
Inside men.....	44	.3750	44	.4100
Outside men.....	44	.4375	44	.4700
Stonecutters.....	44	.5000	44	.5625
<i>Metal trades.</i>				
Blacksmiths, railroad shops.....	53	.2904	53	.3057
Blacksmiths' helpers, railroad shops.....	53	.1987	53	.2140
Boiler makers, railroad shops.....	53	.2904	53	.2904
Boiler makers' helpers, railroad shops.....	53	.2140	53	.2292
Machinists:				
All-round men, large shops.....	59	.3559	59	.3559
All-round men, small shops.....	54	.3333	54	.3333
Tool and die makers.....	54	.4444	54	.4444
Railroad shops.....	53	.2904	53	.2904
Pattern makers, wood:				
Manufacturing and railroad shops.....	53	.3515	53	.3770
Large manufacturing shops.....	59	.3508	59	.3763
<i>Printing trades, book and job.</i>				
Compositors.....	48	.4063	48	.4063
Electrotypers:				
Battery men and builders.....	54	.2222	54	.2962
Finishers.....	54	.3333	54	.3704
Molders.....	54	.3333	54	.3704
Linotype operators.....	48	.4583	48	.4583
Pressmen, cylinder, operating 1 or 2 presses.....	48	.3750	48	.3750
Pressmen, platen, operating 1 to 3 presses.....	48	.3125	48	.3125
<i>Printing trades, newspaper.</i>				
Compositors, daywork.....	48	.4583	48	.4688
Compositors, nightwork.....	48	.5208	48	.5313
Linotype operators:				
Daywork.....	48	.4583	48	.4688
Nightwork.....	48	.5208	48	.5313
Machine tenders:				
Daywork.....	48	.4896	48	.5000
Nightwork.....	48	.5833	48	.5938

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEW HAVEN, CONN.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Pressmen, web presses:				
Head pressmen, daywork.....	54	\$0. 5556	54	\$0. 5556
Head pressmen, nightwork.....	36	. 6944	36	. 6944
Journeymen, daywork.....	54	. 3889	54	. 3889
Journeymen, nightwork.....	36	. 5000	36	. 5000
Stereotypers:				
Daywork.....	56	. 4732	56	. 5089
Nightwork.....	36	. 6250	36	. 6667

## NEW ORLEANS, LA.

<i>Building trades.</i>				
Bricklayers.....	44	\$0. 6250	44	\$0. 6250
Carpenters.....	48	. 4000	48	. 4000
Engineers, hoisting and portable.....	48	. 5000	48	. 5000
Inside wiremen.....	48	. 4500	48	. 4500
Inside wiremen's helpers.....	48	. 2000	48	. 2000
Marble cutters and setters.....	48	. 6250	48	. 6250
Marble cutters and setters' helpers.....	48	. 2500	48	. 2500
Painters.....	48	. 4000	48	. 4000
Plasterers.....	48	. 6250	48	. 6250
Plasterers' laborers.....	48	. 3250	48	. 3250
Plumbers and gas fitters.....	48	. 5625	48	. 5625
Sheet-metal workers:				
Shopmen.....	48	. 3750	48	. 3750
Railroad shops, road A.....	54	. 4000	54	. 4000
Railroad shops, road C.....	54	. 4200	54	. 4200
Steam fitters.....	48	. 5625	48	. 5625
Stonemasons.....	44	. 6250	44	. 6250
Structural iron workers.....	44	. 5625	44	. 6250
Structural iron workers, finishers.....	44	. 5625	44	. 6250
Structural iron workers, finishers' helpers.....	44	. 3500	44	. 3500
<i>Granite and stone trades.</i>				
Granite cutters, inside men.....	48	. 4000	48	. 4500
Granite cutters, machine men.....	48	. 4000	48	. 5000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	. 3611	54	. 3611
Railroad shops, road A.....	54	. 3850	54	. 3850
Railroad shops, road B.....	54	. 3950	54	. 3950
Railroad shops, road C.....	54	. 4200	54	. 4200
Blacksmiths' helpers:				
Manufacturing shops.....	54	. 2500	54	. 2500
Railroad shops, roads A and C.....	54	. 2200	54	. 2200
Railroad shops, road B.....	54	. 2000	54	. 2000
Boiler makers:				
Manufacturing shops.....	54	. 3889	54	. 3889
Railroad shops, road C.....	54	. 4200	54	. 4200
Railroad shops, roads A and B.....	54	. 3900	54	. 3900
Boiler makers' helpers:				
Railroad shops, road C.....	54	. 2500	54	. 2500
Railroad shops, roads A and B.....	54	. 1950	54	. 1950
Core makers.....	54	. 3611	54	. 3611
Machinists:				
Manufacturing shops.....	54	. 3889	54	. 3889
Outside men.....	54	. 4444	54	. 4444
Railroad shops, road C.....	54	. 4200	54	. 4200
Railroad shops, road A.....	54	. 4000	54	. 4000
Railroad shops, road B.....	54	. 3900	54	. 3900
Molders, iron: Floor and bench.....	54	. 3611	54	. 3611
Pattern makers, wood.....	54	. 3611	54	. 3611
<i>Millwork.</i>				
Carpenters.....	54	. 3056	54	. 3056

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEW ORLEANS, LA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	\$0.3125	48	\$0.3125
Finishers.....	48	.3750	48	.3750
Forwarders.....	48	.3750	48	.3750
Forwarders, half-bound.....	48	.2500	48	.2500
Rulers.....	48	.3750	48	.3750
Compositors.....	48	.4271	48	.4375
Electrotypers.....	48	.4375	48	.4375
Press feeders, cylinder presses.....	48	.3125	48	.3125
Pressmen, cylinder presses:				
Operating cylinder presses.....	48	.4063	48	.4063
Operating cylinder and platen presses.....	48	.4063	48	.4063
Pressmen, platen presses: Operating 1 or 2 presses.....	48	.3438	48	.3438
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.5500	48	.5500
Nightwork.....	48	.6000	48	.6000
Linotype operators:				
Daywork.....	48	1.1000	48	1.1000
Nightwork.....	45	1.1200	45	1.1200
Machine tenders:				
Daywork.....	42½	.5500	42½	.5500
Nightwork.....	45	.6111	45	.6111
Pressmen, web presses:				
Head pressmen, daywork.....	48	.5357	48	.5357
Assistant foremen, daywork.....	48	.3393	48	.3393
Second assistant foremen, daywork.....	48	.3036	48	.3036
Tension men, daywork.....	48	.3393	48	.3393
Brakemen, daywork.....	48	.3036	48	.3036
Oilers and platers, daywork.....	48	.2857	48	.2857
Stereotypers:				
Daywork.....	48	.3213	48	.3213
Nightwork.....	48	.4000	48	.4000

## NEW YORK, N. Y.

<i>Bakery trades.</i>				
Bakers, first hands:				
Bohemian union.....	51	\$0.3529	51	\$0.3529
English union.....	56	.3571	56	.3571
German union, union A, Manhattan, Brooklyn, Richmond, and Queens.....	60	.3000	54	.3333
German union, union B, Manhattan, East Side.....	54	.3519	54	.3519
German union, union B, Manhattan, West Side, Bronx.....	60	.3000	60	.3000
German union, union B, machine, Brooklyn, Queens, and Richmond.....	54	.3704	54	.3704
Hebrew union.....	51	.5098	51	.5098
Hebrew union, East Side.....	51	.4706	51	.5098
Italian union.....	66	.2121	61	.2623
Scandinavian union.....	66	.2576	60	.3000
Bakers, second hands:				
Bohemian union.....	51	.3039	51	.3039
English union.....	56	.2857	56	.2857
German union, union A, Manhattan, Brooklyn, Queens, and Richmond.....	60	.2500	54	.2778
German union, union B, Manhattan, East Side.....	54	.2963	54	.2963
German union, union B, Manhattan, West Side, and Bronx.....	60	.2500	60	.2500
German union, union B, machine bakeries, Brooklyn, Queens, and Richmond.....	54	.2963	54	.2963
Hebrew union.....	51	.4314	51	.4314
Hebrew union, East Side.....	51	.3922	51	.4314
Italian union.....	66	.1515	61	.1967
Scandinavian union.....	66	.2273	60	.2667

<sup>1</sup> Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

NEW YORK, N. Y.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades—Concluded.</i>				
Bakers, third hands:				
Bohemian union.....	51	\$0.2549	51	\$0.2549
English union.....	56	.2143	56	.2143
German union, union A, Manhattan, Brooklyn, Queens, and Richmond.....	60	.2167	54	.2407
German union, union B, Manhattan, East Side.....	54	.2593	54	.2593
German union, union B, Manhattan, West Side.....	60	.2167	60	.2167
German union, union B, Bronx.....	60	.2333	60	.2333
Hebrew union.....	51	.3725	51	.3922
Hebrew union, East Side.....	51	.3529	51	.3922
Italian union.....	66	.1212	61	.1639
Scandinavian union.....	66	.1818	60	.2167
<i>Building trades.</i>				
Bricklayers.....	44	.7000	44	.7000
Carpenters:				
Manhattan (outside men).....	44	.6250	44	.6250
Manhattan (inside benchmen).....	44	.5000	44	.5000
Richmond (outside men).....	44	.5000	44	.5000
Brooklyn, Bronx, and Queens (outside men).....	44	.5625	44	.5625
Brooklyn, Bronx, Queens, and Richmond (inside benchmen).....	44	.4725	44	.4725
Cement workers, finishers.....	44	.6250	44	.6250
Cement workers, helpers.....	44	.3750	44	.3750
Engineers, portable and hoisting.....	44	.6591	44	.6875
Hod carriers.....	44	.3750	44	.3750
Inside wiremen.....	44	.5625	44	.5625
Inside wiremen, helpers.....	44	.2750	44	.2750
Laborers.....	48	.2250	48	.2250
Marble setters.....	44	.6250	44	.6875
Marble setters' helpers.....	44	.3750	44	.4063
Painters.....	44	.5000	44	.5000
Painters, fresco.....	44	.5625	44	.5625
Plasterers.....	44	.6875	44	.6875
Plasterers' laborers.....	44	.4063	44	.4063
Plumbers and gas fitters:				
Manhattan, Bronx, and Brooklyn.....	44	.6875	44	.6875
Queens.....	44	.6250	44	.6250
Richmond.....	44	.5313	44	.5313
Sheet-metal workers:				
Manhattan, Bronx, and Kings.....	44	.5938	44	1.5938
Queens.....	44	.5625	44	1.5625
Richmond.....	48	.5000	48	1.5000
Steamfitters.....	44	.6875	44	.6875
Steamfitters' helpers.....	44	.3750	44	.3750
Stonemasons:				
Manhattan and Bronx.....	44	.5750	44	.6000
Brooklyn, Queens, and Richmond.....	44	.4375	44	.5000
Structural ironworkers and finishers.....	44	.6250	44	.6250
Structural ironworkers, finishers' helpers.....	44	.4375	44	.4375
Tile layers.....	44	.6250	44	.6875
Tile layers' helpers.....	45½	.3625	45½	.3625
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.5000	44	.5000
Outside men.....	44	.5625	44	.6250
Outside men? <sup>1</sup> .....	44	.5625	44	.6875
Machine men.....	44	.5625	44	.5625
Stonecutters:				
First class.....	44	.6250	44	.6838
Second class.....	44	.5625	44	.5625
Third class.....	44	.5000	44	.5000
<i>Metal trades.</i>				
Blacksmiths:				
Inside men.....	53	.4528	53	.4528
Outside men.....	44	.5000	44	.5000
Inside men, helpers.....	53	.2808	53	.2808
Outside men, helpers.....	44	.3100	44	.3100

<sup>1</sup> Scale became \$0.6250 on Aug. 7, 1913.

<sup>2</sup> Trim and fit stone cut outside of city.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEW YORK, N. Y.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades—Concluded.</i>				
Boiler makers:				
Inside men.....	54	\$0. 4167	54	\$0. 4167
Outside men (stand pipes, water towers, etc.).....	44	. 6250	44	. 6250
Outside men.....	44	. 5313	44	. 5313
Boiler makers' helpers, inside men.....	54	. 2889	54	. 2889
Boiler makers' helpers, outside men.....	44	. 4375	44	. 4375
Core makers.....	54	. 3889	54	. 3889
Foundry laborers.....	54	. 2222	54	. 2222
Foundry laborers, Manhattan.....	54	. 2200	54	. 2200
Machinists:				
All-round men.....	48	. 4063	48	. 4063
All-round men.....	51	. 3824	49½	. 4000
All-round men.....	52½	. 3714	51	. 3824
Repair shops and printing-press work.....	44	. 5313	44	. 5313
Auto-repair shops.....	48	. 4375	48	. 4375
Printing-press factories.....	51	. 3824	49½	. 4000
Printing-press rooms.....	48	. 5625	48	. 5625
Outside men.....	44	. 6250	44	. 6250
Molders, iron: Bench, floor, and machine.....	54	. 3889	54	. 3889
Molders' helpers.....	54	. 2222	54	. 2222
Pattern makers, wood:				
Manufacturing shops.....	53	. 4530	53	. 4530
Manufacturing shops.....	53	. 4530	50	. 5000
Jobbing shops.....	44	. 5313	44	. 5313
Architectural work.....	50	. 5000	48	. 5325
Pattern makers, plaster.....	50	. 4860	48	. 5100
Pattern makers, metal.....	44	. 5000	44	. 5000
<i>Millwork.</i>				
Carpenters:				
Manhattan and Bronx.....	48	. 3542	48	. 3542
Brooklyn, Queens, and Richmond.....	50	. 3100	50	. 3100
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, 1-knife machine.....	48	. 4167	48	. 4167
Cutters, 3-knife machine.....	48	. 4792	48	. 4792
Finishers, blank work, first class.....	48	. 4792	48	. 5000
Finishers, blank work, second class.....	48	. 3750	48	. 4375
Forwarders, printed work.....	48	. 3958	48	. 4167
Forwarders, blank work, first class.....	48	. 4375	48	. 5000
Forwarders, blank work, second class.....	48	. 3750	48	. 4375
Rulers, first class.....	48	. 5000	48	. 5000
Rulers, second class.....	48	. 4375	48	. 4375
Operators on rounding-in machine.....	48	. 4375	48	. 4792
Compositors:				
Bohemian union.....	48	. 3750	48	. 3750
English union.....	48	. 4788	48	. 5000
German union.....	44	. 5227	44	. 5455
Hebrew union.....	46	. 5217	46	. 5217
Hungarian union.....	45	. 4222	42	. 4762
Italian union.....	48	. 3750	48	. 4375
Electrotypers:				
Branch men.....	44	. 5000	44	. 5000
Finishers.....	44	. 6250	44	. 6250
Molders.....	44	. 6250	44	. 6250
Linotype operators:				
English union.....	48	. 5213	48	. 5417
German union.....	37½	. 6533	37½	. 6667
Hebrew union.....	36	. 7778	36	. 8056
Hungarian union.....	45	. 4889	42	. 5476
Italian union.....	48	. 4063	48	. 4375
Machine tenders:				
1 to 4 machines.....	48	. 5208	48	. 5208
5 to 8 machines.....	48	. 5521	48	. 5521
9 to 12 machines.....	48	. 6146	48	. 6146
13 or more machines.....	48	. 6563	48	. 6563
Press feeders:				
Pressmen, first assistants.....			48	. 4375
Pressmen, second assistants.....			48	. 3854



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## NEW YORK, N. Y.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Press feeders—Concluded.				
Press assistants, web.....	48	\$0.3750	48	\$0.3750
Press assistants, web brakemen.....	48	.4167	48	.4375
1 automatic press.....	48	.3438	48	.3542
2 automatic presses.....	48	.3854	48	.3854
Job press.....	48	.2500	48	.2500
Pressmen, cylinder presses:				
Operating 1 or 2 presses.....	48	.5208	48	.5208
Cottrell or offset presses.....	48	.5625	48	.5625
Ticket or multi presses.....	48	.6250	48	.6250
Cartwright job presses.....	48		48	.4375
1 single-roll rotary press.....	48	.6771	48	.6771
Man in charge process press.....	48	.6979	48	.6979
Magazine presses.....	48	.7031	48	.7031
McKee process presses.....	48		48	.7292
Magazine presses, 2 feeders.....	48	.7813	48	.7813
Pressmen, platen presses:				
4 single or 2 double Kidder, Auto, or Kavmore, 2 presses.....	48	.5208	48	.5208
Nos. 6 to 18, 1 press.....	48	.4792	48	.4792
4 to 5 presses, or Auto, 2 presses.....	48	.4375	48	.4375
Auto or Kavmore presses.....	48	.4167	48	.4167
1 to 3 presses, Nos. 1 to 7, 20 to 21, Auto, 1 press.....	48	.3958	48	.3958
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
Bohemian union.....	42	.4286	42	.4286
English union.....	45	.6444	45	.6667
German union.....	37½	.6533	37½	.6667
Hebrew union.....	36	.7778	36	.8056
Hungarian union.....	45	.5111	42	.5714
Italian union.....	48	.4333	48	.4667
Compositors, nightwork:				
English union.....	45	.7111	45	.7333
German union.....	37½	.7200	37½	.7333
Hebrew union.....	27	1.0370	27	1.0741
Hungarian union.....	45	.5556	42	.6190
Italian union.....	42	.5119	42	.5476
Linotype operators, daywork:				
Bohemian union.....	42	.4762	42	.4762
English union.....	45	.6444	45	.6667
German union.....	37½	.6533	37½	.6667
Hebrew union.....	36	.7778	36	.8056
Hungarian union.....	45	.5111	42	.5714
Italian union.....	48	.4063	48	.4375
Linotype operators, nightwork:				
English union.....	45	.7111	45	.7333
German union.....	37½	.7200	37½	.7333
Hebrew union.....	27	1.0370	27	1.0741
Hungarian union.....	45	.5556	42	.6190
Italian union.....	42	.5119	42	.5476
Machine tenders, daywork:				
5 to 8 machines.....	45	.5778	45	.5778
13 or more machines.....	45	.6889	45	.6889
Machine tenders, nightwork:				
5 to 8 machines.....	45	.6889	45	.6889
13 or more machines.....	45	.8000	45	.8000
Pressmen, web presses:				
Head pressmen, daywork.....	45	.6667	45	.6893
Head pressmen, nightwork.....	38	.8158	38	.8421
Journeyman, daywork.....	45	.5333	45	.5560
Journeyman, nightwork.....	38	.6579	38	.6842
Stereotypers:				
Daywork.....	48	.5625	48	.6250
Nightwork.....	38	.7237	38	.7895

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## OMAHA, NEBR.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades.</i>				
Bakers, first hands (foremen):				
Daywork.....	54	\$0.2963	54	\$0.2963
Nightwork.....	54	.2963	54	.2963
Bakers, second hands (oven men):				
Daywork.....	54	.2778	54	.2778
Nightwork.....	54	.2778	54	.2778
Bakers, third hands (bench hands):				
Daywork.....	54	.2593	54	.2593
Nightwork.....	54	.2593	54	.2593
<i>Building trades.</i>				
Bricklayers.....	44	.7000	44	.7000
Carpenters.....	44	.5000	44	.5000
Carpenters, stair builders.....	44	.5000	44	.5000
Engineers, hoisting and portable: Building work.....	44	.5625	44	.5625
Inside wiremen.....	44	.5000	44	.5000
Inside wiremen's helpers.....	44	.2500	44	.2500
Lathers:				
Metal.....	44	.6250	44	.6250
Wood.....	44	.4063	44	.4063
Painters.....	44	.5000	44	.5000
Painters, fresco.....	44	.5000	44	.5000
Plasterers.....	44	.7500	44	.7500
Plasterers' laborers.....	44	.3500	44	.3500
Plumbers and gasfitters.....	44	.6825	44	.6825
Sheet-metal workers.....	1 44	.4250	1 44	.4250
Steam fitters.....	44	.6825	44	.6825
Steam fitters' helpers.....	44	.2813	44	.2813
Stonemasons.....	44	.7000	44	.7000
Structural ironworkers.....	2 44	.5625	2 44	.5625
Structural ironworkers, finishers.....	2 44	.5625	2 44	.5625
Tile layers.....	44	.6250	44	.6250
Tile layers' helpers.....	44	.3125	44	.3500
<i>Granite and stone trades.</i>				
Stone cutters.....	44	.5500	44	.5875
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road A.....	54	.3900	54	.4100
Railroad shops, road B.....	54	.4000	54	.4150
Blacksmiths' helpers:				
Manufacturing shops.....	54	.2250	54	.2250
Railway shops.....	54	.2250	54	.2250
Boiler makers:				
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road A.....	54	.3900	54	.4100
Railroad shops, road B.....	54	.4000	54	.4150
Boiler makers' helpers, railroad shops.....	54	.2400	54	.2400
Core makers.....	54	.3611	54	.3611
Machinists:				
Manufacturing and jobbing shops.....	54	.4000	54	.4000
Automobile repair shops.....	54	.4444	54	.4444
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road C.....	54	.4000	54	.4150
Railroad shops, road A.....	54	.3900	54	.4100
Machinists' helpers, railroad shops.....	54	.1600	54	.2000
Molders, iron: Bench, floor, and machine.....	54	.3667	54	.3667
<i>Millwork.</i>				
Carpenters, cabinet makers.....	54	.3000	54	.3000

<sup>1</sup> 48 hours, August to December.<sup>2</sup> 48 hours, October to April.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## OMAHA, NEBR.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job.</i>				
Bookbinders:				
Forwarders, first class.....	54	\$0.3333	54	\$0.3333
Forwarders, second class.....	54	.2963	54	.2963
Finishers.....	54	.3333	54	.3333
Rulers.....	54	.3333	54	.3333
Cutters.....	54	.2963	54	.2963
Compositors.....	48	.3750	48	.3750
Electrotypers, molders.....	48	.4375	48	.4375
Electrotypers, finishers, builders, casters, and battery men.....	48	.4375	48	.4375
Linotype operators.....	48	.5000	48	.5000
Press feeders, cylinder press.....	48	.2292	48	.2292
Pressmen, cylinder presses, operating 1 or 2 presses.....	48	.3750	48	.3750
Pressmen, platen presses:				
Operating 1 to 3 presses.....	48	.3125	48	.3125
Operating 4 presses.....	48	.3333	48	.3333
Operating 5 presses.....	48	.3542	48	.3542
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5625	48	.5625
Linotype operators:				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5625	48	.5625
Machine tenders:				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5625	48	.5625
Pressmen, web presses:				
Head pressmen, daywork.....	48	.3750	48	.3750
Head pressman, nightwork.....	48	.3750	48	.3750
Tension men, daywork.....	48	.3750	48	.3750
Tension men, nightwork.....	48	.3750	48	.3750
Press assistants, daywork.....	48	.2500	48	.2500
Press assistants, nightwork.....	48	.2500	48	.2500
Stereotypers:				
Daywork.....	48	.4688	48	.5000
Nightwork.....	48	.4688	48	.5000

## PHILADELPHIA, PA.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union.....	62	\$0.2903	60	\$0.3000
Hebrew union.....	51	.4510	51	.4706
Polish union.....			60	.3000
Bakers, second hands:				
German union.....	62	.2419	60	.2500
Hebrew union.....	51	.3922	51	.4118
Polish union.....			60	.2667
Bakers, third hands:				
Hebrew union.....	51	.2963	51	.3148
Polish union.....			60	.2333
<i>Building trades.</i>				
Bricklayers.....	44	.6250	44	.6250
Bricklayers (tunnel and sewer work).....	44	.7000	44	.7000
Carpenters.....	44	.5000	44	.5000
Cement workers:				
Finishers.....	49½	.4500	49½	.4500
Helpers.....	49½	.3000	49½	.3000
Engineers, hoisting and portable.....	44	.5000	44	.5625
Hod carriers, mortar mixers, and scaffold builders.....	44	.3500	44	.3500
Hod carriers, wheelbarrow men.....	44	.2500	44	.2500
Inside wiremen.....	1 48	.4500	44	.4500
Inside wiremen's helpers.....	1 48	.2500	44	.2500

1 44 hours, June to September.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PHILADELPHIA, PA.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Marble setters.....	44	\$0. 6000	44	\$0. 6000
Marble setters' helpers.....	44	. 3000	44	. 3000
Painters.....	44	. 4250	44	. 4250
Painters, fresco.....	44	. 4775	44	. 4775
Plasterers.....	44	. 6250	44	. 6250
Plasterers' laborers.....	44	. 4375	44	. 4375
Plumbers and gas fitters:				
Union A.....	44	. 5000	44	. 5000
Union B.....	44	. 4375	44	. 4375
Sheet-metal workers.....	44	. 5000	44	. 5000
Steam fitters.....	44	. 4375	44	. 5000
Steam fitters' helpers.....	44	. 2500	44	. 2813
Stonemasons.....	44	. 5000	44	. 5000
Structural iron workers.....	44	. 6000	44	. 6000
Structural iron workers, finishers.....	44	. 6000	44	. 6000
Structural iron workers, finishers' helpers.....	44	. 4500	44	. 4500
Tile layers.....	44	. 6250	44	. 6250
Tile layers' helpers.....	44	. 3750	44	. 3750
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside and outside men.....	44	. 5000	44	. 5000
Machine men.....	44	. 5625	44	. 5625
Stonecutters.....	44	. 5000	44	. 5000
<i>Metal trades.</i>				
Boiler makers:				
Inside men.....	54	. 3333	49	. 3333
Outside men.....	44	. 5000	44	. 5000
Railroad shops.....	60	. 3000	60	. 3333
Boiler makers' helpers, outside men.....	44	. 3750	44	. 3750
Core makers.....	54	. 3444	54	. 3444
Machinists:				
All-round men.....	54	. 3333	54	. 3333
Die makers.....	54	. 3750	54	. 3750
Press rooms.....	48	. 4375	48	. 4375
Railroad shops.....	55	. 3500	55	. 3500
Outside men.....	44	. 5000	44	. 5000
Molders, iron: Bench, floor, and machine.....	54	. 3611	54	. 3611
Pattern makers, wood:				
Manufacturing shops.....	50	. 3750	50	. 3750
Jobbing shops.....	50	. 4000	50	. 4200
<i>Millwork.</i>				
Carpenters.....	50	. 5000	50	. 5000
Painters, hardwood finishers.....	50	. 3600	50	. 3600
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, machine, union A.....	48	. 3750	48	. 3750
Cutters, stock, union A.....	48	. 3542	48	. 3542
Cutters, book and sheet, union A.....	48	. 3333	48	. 3542
Cutters, stock, union B.....	48	. 2604	48	. 3125
Cutters, assistants, union B.....	48		48	. 2604
Finishers, extra, union B.....	48	. 4583	48	. 4583
Finishers, job, union A.....	48	. 4375	48	. 4375
Finishers, sheep and plain, union B.....	48	. 3958	48	. 3958
Finishers, full bound, union A.....	48	. 3958	48	. 3958
Finishers, half bound, union A.....	48	. 3750	48	. 3750
Finishers' assistants, union B.....	48	. 3542	48	. 3750
Forwarders, extra job, union B.....	48	. 4375	48	. 4375
Forwarders, plain, sheep, and half bound, union B.....	48	. 3958	48	. 3958
Forwarders, job, full bound, union A.....	48	. 3958	48	. 3958
Forwarders, full and half bound, stock, union A.....	48	. 3542	48	. 3542
Forwarders, cloth, union B.....	48	. 3542	48	. 3750
Forwarders, half bound, union A.....	48	. 3333	48	. 3333
Rulers, union C.....	48	. 3542	48	. 3542
Compositors.....	48	. 3750	48	. 3958
Electrotypers:				
Battery men and builders.....	48	. 3750	48	. 3750
Finishers.....	48	. 4167	48	. 4167
Molders.....	48	. 4583	48	. 4583
Linotype operators.....	48	. 4167	48	. 4375

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PHILADELPHIA, PA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per week.
<i>Printing trades, book and job—Concluded.</i>				
Press feeders:				
Cylinder presses, 25 by 38 inches or over.....	48	\$0.2500	48	\$0.2813
Cylinder presses, under 25 by 38 inches.....	48	.2083	48	.2396
Cylinder presses, all other.....	48	.1771	48	.2083
Flat bed, perfecting press.....	48	.2708	48	.3021
Pressmen, cylinder presses:				
In charge of 2-color flat-bed presses with automatic feeders.....	48	.4583	48	.5417
In charge of 2-color flat-bed cylinder presses.....	48	.4583	48	.5000
Operating 1 flat-bed perfecting press with automatic feeders.....	48	.4792	48	.5000
Operating 2 presses with automatic feeders.....	48	.4583	48	.4792
Operating 1 flat-bed perfecting press.....	48	.4375	48	.4583
Operating 2 flat-bed presses.....	48	.4375	48	.4375
Operating 1 cylinder and 3 platen presses.....	48	.4167	48	.4375
Operating not over 2 Adams presses.....	48	.3646	48	.3750
Overlay cutters.....	48	.4167	48	.4375
In charge of web presses in book and job offices.....	48	.5521	48	.5729
Pressmen, platen presses:				
Operating 2 presses or 1 two-color press.....	48	.4167	48	.4583
Operating automatic platen presses (provers).....	48	.3750	48	.3958
Operating more than 4 presses.....	48	.3542	48	.3750
Operating 3 or 4 presses.....	48	.3125	48	.3333
Operating 1 or 2 presses.....	48	.2708	48	.3021
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	48	.4167	48	.4167
German union.....	48	.5000	48	.5250
Compositors, nightwork:				
English union, lobster shift.....	42	.5238	42	.5238
English union.....	46	.4783	46	.4783
German union.....	40	.5500	40	.5750
Linotype operators, daywork:				
English union.....	48	.4583	48	.4583
German union.....	40	.5000	40	.5250
Linotype operators, nightwork:				
English union.....	46	.5435	46	.5435
English union, lobster shift.....	42	.5238	42	.5238
German union.....	40	.5500	40	.5750
Machine tenders, daywork.....	48	.4583	48	.4583
Machine tenders, nightwork.....	46	.5435	46	.5435
Pressmen, web presses:				
Head pressmen, day and night.....	48	.5208	48	.5208
Brakemen and tension men, day and night.....	48	.3750	48	.3750
Oilers and platers, floor men, day and night.....	48	.3438	48	.3438
Stereotypers, day and night.....	48	.4063	48	.4375

## PITTSBURGH, PA.

<i>Bakery trades.</i>				
Bakers, first hands:				
German union (foremen).....	54	\$0.3333	54	\$0.3333
Hebrew union (foremen).....	51	.4700	51	.4902
Polish union.....			48	.4167
Bakers, second hands:				
German union.....	54	.2593	54	.2963
Hebrew union.....	51	.3922	51	.4118
Polish union.....			48	.3542
Bakers, third hands:				
German union, bench men.....	54	.2778	54	.2778
Hebrew union, bench men.....	51	.3529	51	.3725
Polish union.....			48	.3125
<i>Building trades.</i>				
Bricklayers.....	44	.6500	44	.7000
Carpenters.....	44	.5000	44	.5500
Engineers, hoisting and portable.....	48	.5625	48	.5625

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PITTSBURGH, PA.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Hod carriers.....	44	\$0.3750	44	\$0.3750
Inside wiremen.....	48	.5000	48	.5750
Inside wiremen's helpers.....	48	.2500	48	.2500
Laborers.....	48	.2500	48	.2500
Lathers.....	44	.6250	44	.6250
Marble setters.....	48	.6250	48	.6250
Marble setters' helpers.....	48	.3750	48	.3750
Painters.....	44	.5250	44	.5500
Plasterers.....	44	.6250	44	.6250
Plumbers.....	1 48	.6250	44	.6250
Plumbers' laborers.....			44	.3125
Sheet-metal workers.....	44	.5000	44	.5500
Sprinkler fitters.....	48	.5625	48	.5625
Steam fitters.....	48	.5625	48	.5625
Steam fitters' helpers.....	48	.3125	48	.3125
Stonemasons.....	44	.5500	44	.5500
Stonemasons, laying dressed stone.....	44	.6500	44	.6500
Structural ironworkers.....	44	.5625	44	.6250
Structural ironworkers, finishers.....	44	.5938	44	.6250
Structural ironworkers, finishers' helpers.....	44	.4250	44	.4500
Tile layers.....	48	.6250	48	.6250
Tile layers' helpers.....	48	.3250	48	.3250
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	48	.4375	44	.5000
Outside men.....	48	.5500	44	.6250
Stonecutters.....	44	.5000	44	.5000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	.3333	48	.3750
Locomotive works.....	50	.3250	50	.3250
Locomotive works, hammermen.....	50	.8889	50	.8889
Blacksmiths' helpers:				
Manufacturing shops.....	54	.2222	48	.2813
Locomotive works.....	50	.2250	50	.2250
Boiler makers:				
Inside men.....	54	.4000	54	.4000
Outside men.....	48	.5000	48	.5000
Railroad shops.....	60	.3250	60	.3600
Boiler makers' helpers:				
Inside men.....	54	.2500	54	.2500
Outside men.....	48	.4000	48	.4000
Core makers.....	54	.4167	54	.4444
Machinists:				
All-round men.....	54	.3500	54	.3500
Breweries.....	48	.4000	48	.4200
Railroad shops.....	60	.2700	60	.2800
Molders, iron.....	54	.4167	54	.4444
Pattern makers:				
Manufacturing shops.....	54	.4200	54	.4500
Jobbing shops.....	54	.4500	54	.5000
<i>Millwork.</i>				
Carpenters.....	54	.3889	54	.3889
<i>Printing trades, book and job.</i>				
Compositors, English union.....	48	.3958	48	.3958
Electrotypers:				
Battery men.....	48	.3125	48	.3125
Builders.....	48	.3438	48	.3438
Finishers.....	48	.4375	48	.4375
Molders.....	48	.5000	48	.5000
Linotype operators:				
English union.....	48	.4792	48	.4792
German union.....	48	.4688	48	.4688
Press feeders:				
Cylinder.....	48	.2708	48	.2708
Platen.....	48	.1875	48	.1875

1 44 hours, June to September.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PITTSBURGH, PA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Pressmen, cylinder presses: Operators of—				
1 or 2 presses .....	48	\$0.3750	48	\$0.4167
2-cylinder presses and platen presses .....	48	.4375	48	.4792
3-cylinder presses and platen presses .....	48	.4792	48	.5208
Pressmen, platen presses: Operating 1 to 5 presses.....	48	.3750	48	.3750
<i>Printing trades, newspaper.</i>				
Compositors, daywork .....	48	.5500	48	.5500
Compositors, nightwork:				
English union.....	48	.6000	48	.6000
German union.....	48	.5313	48	.5313
Linotype operators, daywork, English union.....	48	.5500	48	.5500
Linotype operators, nightwork:				
English union.....	48	.6000	48	.6000
German union.....	48	.5313	48	.5313
Machine tenders, daywork and nightwork.....	48	.6250	48	.6250
Pressmen, web presses:				
Head pressman, daywork and nightwork .....	48	.4689	48	.4689
First assistant, daywork and nightwork .....	48	.4063	48	.4063
Second assistant, daywork and nightwork .....	48	.4000	48	.4000
Third assistant, daywork and nightwork .....	48	.4000	48	.4000
Fourth assistant, daywork and nightwork .....	48	.3750	48	.3750
Stereotypers:				
Daywork.....	48	.4500	48	.4688
Nightwork.....	48	.4500	48	.4688

## PORTLAND, OREG.

<i>Bakery trades.</i>				
Bakers, first hands:				
Foremen over 2 or more men, hand bakeries.....	54	\$0.4630	51	\$0.4902
Foremen over 1 man, hand bakeries .....	54	.3889	51	.4412
Oven men, hand bakeries .....	54	.3889	51	.4118
Oven men and bench men, hand bakeries .....	54	.3704	51	.4118
Bakers, second hands:				
Bench hands, hand bakeries .....	54	.3333	51	.3725
Bench hands, machine bakeries .....	48	.3750	51	.3725
<i>Building trades.</i>				
Bricklayers.....	44	.7500	44	.7500
Carpenters.....	48	.5000	44	.5000
Carpenters, stair builders .....			54	.5500
Cement workers, finishers .....	48	.6250	48	.6250
Cement workers' helpers .....	48	.4375	48	.4375
Cement workers, laborers .....	48	.3438	48	.3438
Engineers, hoisting and portable .....	48	.6250	48	.6250
Hod carriers, mortar mixers, and plasterers' helpers .....	48	.5000	48	.5000
Hod carriers, wheelers .....	48	.3750	48	.3750
Inside wiremen.....	44	.5625	44	.5625
Inside wiremen, fixture hangers, Union A.....	44	.5625	44	.5625
Inside wiremen, fixture hangers, Union B.....	44	.5000	44	.5000
Inside wiremen's helpers .....	44	.3438	44	.3438
Marble setters.....	48	.6250	48	.6875
Marble setters' helpers .....	48	.3750	48	.3750
Painters.....	48	.5000	48	.5000
Plasterers.....	44	.7500	44	.7500
Plasterers' helpers .....	(1)	(1)	(1)	(1)
Plumbers and gas fitters .....	44	.7500	44	.7500
Sheet-metal workers .....	48	.5625	44	.5625
Steam fitters.....	44	.7500	44	.7500
Steam fitters' helpers .....	44	.3750	44	.3750
Stonemasons.....			44	.7500
Structural ironworkers .....	44	.6250	44	.6250
Structural ironworkers, finishers .....	44	.6250	44	.6250
Structural ironworkers, finishers' helpers .....	44	.4167	44	.4167
Tile layers.....	48	.6875	48	.6875
Tile layers' helpers.....	48	.4063	48	.4063

1 See Hod carriers, etc.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PORTLAND, OREG.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Granite and stone trades.</i>				
Granite cutters.....	44	\$0.6250	44	\$0.6250
Stonecutters.....	44	.7000	44	.7000
<i>Metal trades.</i>				
Blacksmiths, manufacturing and jobbing shops.....	54	.4500	54	.4500
Blacksmiths' helpers, manufacturing and jobbing shops....	54	.2778	54	.2778
Boiler makers, manufacturing shops.....	54	.4444	54	.4444
Boiler makers, outside men.....	48	.5000	48	.5000
Boiler makers' helpers, manufacturing shops.....	54	.2778	54	.2778
Boiler makers' helpers, outside men.....	48	.3125	48	.3750
Core makers.....	54	.4167	54	.4167
Machinists, manufacturing shops.....	48	.4500	48	.4500
Molders, iron: Bench, floor, and machine.....	54	.4167	54	.4167
Pattern makers, jobbing shops.....	54	.5000	52½	.5143
Pattern makers, manufacturing shops.....	54	.4167	54	.4444
<i>Millwork.</i>				
Carpenters:				
Sticker men, layers out, benchmen, shaper hands, and sawyers, sash layer-out men, and general machine men.....			54	.4500
Bench hands, stock cutters on cabinet work, drum sanders, and wood turners.....			54	.4000
Planer men, sash sticker men, stock cutters for sash and doors, smoothers on veneered hardwood doors.....			54	.3500
Putting up sash and doors.....			54	.3250
Trim sawyers, smoothers on stock for sash and doors, mortise men, tenon men, elbow sanders.....			54	.3000
Painters, hardwood finishers.....	54	.3750	54	.3750
<i>Printing trades, book and job.</i>				
Bookbinders, all classifications.....	48	.4375	48	.4375
Compositors.....	48	.5313	48	.5313
Electrotypers, all classifications.....	48	.5000	48	.5000
Linotype operators.....	48	.6563	48	.6563
Press feeders:				
Cylinder presses.....	48	.3438	48	.3438
Platen presses.....	48	.2917	48	.2917
Pressmen, cylinder presses:				
Operating 1 cylinder and 1 or 2 platen presses, foremen.....	48	.5625	48	.6250
Operating 1 cylinder and more than 2 platen presses, foremen.....			48	.6250
Operating 2 presses.....	48	.4688	48	.5313
Operating 1 press.....			48	.5000
Pressmen, platen presses:				
Operating 3 presses.....	48	.4375	48	.5000
Operating 1 or 2 presses.....	48	.3750	48	.4375
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	45	.6833	45	.6833
Nightwork.....	45	.7500	45	.7500
Linotype operators:				
Daywork.....	45	.6833	45	.6833
Nightwork.....	45	.7500	45	.7500
Machine tenders:				
Daywork.....	45	.6833	45	.6833
Nightwork.....	45	.7500	45	.7500
Pressmen, web presses:				
Head pressmen, daywork.....	48	.6875	48	.6875
Head pressmen, nightwork.....	45½	.7912	45½	.7912
Journey men, daywork.....	48	.5313	48	.5313
Journey men, nightwork.....	45½	.5934	45½	.5934
Stereotypers:				
Daywork.....	48	.5313	48	.5625
Nightwork.....	48	.5313	48	.5625



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PROVIDENCE, R. I.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Bakery trades.</i>				
Bakers, first hands, Hebrew union.....	60	\$0.3333	60	\$0.3667
Bakers, second hands, Hebrew union.....	60	.3000	60	.3333
Bakers, third hands, Hebrew union.....	60	.2500	60	.2833
<i>Building trades.</i>				
Bricklayers.....	44	.6000	44	.6500
Bricklayers, tunnel, sewer, and caisson work.....	44	.6500	44	.7500
Carpenters.....	44	.4500	44	.5000
Engineers, portable and hoisting.....	44	.5000	44	.5000
Hod carriers, brick carriers, and pilers.....	50	.2813	50	.2813
Hod carriers, mortar mixers and carriers.....	50	.3000	50	.3000
Inside wiremen.....	44	.4375	44	.4375
Inside wiremen's helpers.....	44	.2738	44	.2738
Laborers, concrete mixers, and barrow men.....	50	.2500	50	.2500
Laborers, excavating.....	50	.2250	50	.2250
Painters.....	44	.4091	44	.4545
Plasterers.....	44	.6000	44	.6250
Plumbers and gas fitters.....	44	.5000	44	.5625
Sheet-metal workers.....	44	.4100	44	.4600
Steam fitters.....	44	.3750	44	.4375
Steam fitters' helpers.....	44	.2500	44	.2500
Stonemasons.....	44	.6000	44	.6500
Stonemasons, foundation walls.....	44	.5000	44	.5000
Structural ironworkers.....	44	.5625	44	.5625
Structural ironworkers, finishers.....	44	.5625	44	.5625
Structural ironworkers, finishers' helpers.....	44	.4800	44	.4800
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	1 45	.3850	45	.4063
Machine men.....	1 45	.4688	45	.5000
Outside men.....	1 45	.4063	45	.4500
Stonecutters.....	44	.5000	48	.5000
<i>Metal trades.</i>				
Core makers.....	54	.3056	54	.3056
Machinists:				
All-round, railroad shops.....	55	.2750	55	.2750
Specialists.....	55	.2200	55	.2200
Tool and die makers.....	55	.3500	55	.3500
Breweries.....	48	.4375	48	.4375
Molders, iron.....	54	.3056	54	.3056
Pattern makers.....	55	.4000	55	.4000
<i>Printing trades, book and job.</i>				
Compositors.....	48	.3750	48	.3750
Linotype operators.....	48	.4792	48	.4792
Press feeders, cylinder.....	(2)	(2)	48	.2500
Press feeders, platen.....	48	.2083	48	.2083
Pressmen, cylinder.....	48	.3542	48	.3958
Pressmen, platen:				
Operating 1 to 3 presses.....	48	.2813	48	.3125
Operating Universal presses, 14 by 22 inches and over.....			48	.3542
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.4792	48	.4792
Nightwork.....	45	.5556	45	.5556
Linotype operators:				
Daywork.....	48	.4792	48	.4792
Day (piecework).....	48	3.1100	48	3.1100
Nightwork.....	45	.5556	45	.5556
Night (piecework).....	45	3.1200	45	3.1200
Machine tenders:				
Daywork.....	48	.4792	48	.4792
Nightwork.....	45	.5556	45	.5556

1 48 hours, January to April and October to December.

2 Same scale as platen feeders, 1912.

3 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## PROVIDENCE, R. I.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Pressmen, web press:				
Head pressmen, daywork.....	48	\$0.4313	48	\$0.4313
Brakemen, tension men, oilers, and platers, daywork...	48	.4125	48	.4125
Head pressmen, nightwork.....	42	.5196	42	.5196
Brakemen, tension men, oilers, and platers, nightwork.	42	.4714	42	.4714
Stereotypers:				
Daywork.....	42	.5000	42	.5714
Nightwork.....	42	.5000	42	.5714

## RICHMOND, VA.

<i>Building trades.</i>				
Bricklayers.....	45	\$0.6500	45	\$0.6500
Carpenters.....	48	.3750	48	.3750
Engineers, hoisting and portable.....	48	.4375	48	.4375
Inside wiremen.....	48	.3750	48	.4375
Inside wiremen's helpers.....	48	.1563	48	.1875
Painters.....	54	.2778	48	.3750
Plasterers.....	48	.3750	48	.3750
Plumbers and gas fitters.....	48	.4688	48	.5000
Steam fitters.....	48	.4688	48	.5000
Structural iron workers.....	48	.5625	44	.5625
Tile layers.....			48	.5000
<i>Granite and stone trades.</i>				
Granite cutters.....	48	.4375	44	.5000
Stonecutters.....	48	.5000	44	.5450
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops A.....	55	.3250	55	.3250
Manufacturing shops B.....	50	.3250	50	.3250
Hammer men.....	50	.7000	50	.7000
Railroad shops, road A.....	54	.3486	54	.3686
Railroad shops, road C.....	54	.3800	54	.4000
Railroad shops, road B.....	54	.3900	54	.4100
Boiler makers:				
Manufacturing shops, road A.....	54	.3926	54	.4126
Manufacturing shops, road C.....	54	.3850	54	.4050
Manufacturing shops, road B.....	54	.3900	54	.4100
Boiler makers' helpers:				
Manufacturing shops, roads A and C.....	54	.1950	54	.2150
Manufacturing shops, road B.....	54	.2050	54	.2250
Core makers.....	54	.3378	54	.3611
Machinists:				
All-round men.....	55	.3500	55	.3500
Manufacturing shops.....	55	.3550	55	.3550
Specialists.....	55	.2500	55	.2500
Railroad shops, road A.....	54	.3654	54	.3854
Railroad shops, road C.....	54	.3900	54	.3900
Railroad shops, road B.....	54	.3900	54	.4100
Tool and die makers.....	55	.4000	55	.4000
Molders, iron:				
Locomotive works.....	50	.3722	50	.3722
Manufacturing shops.....	54	.3333	54	.3333
Plow works.....	54	.4167	54	.4167
Railroad shops.....	54	.4278	54	.4500
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	.2500	48	.3125
Finishers, forwarders, and rulers.....	48	.3125	48	.3125
Compositors.....	48	.3333	48	.3333
Electrotypers.....	48	.3333	48	.3333
Linotype operators.....	48	.4167	48	.4167
Press feeders, cylinder presses.....	48	.2083	48	.2083

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## RICHMOND, VA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Press feeders, platen presses.....	48	\$0.1563	48	\$0.1563
Pressmen, 1 or 2 cylinder presses.....	48	.2917	48	.2917
Pressmen, 2 or more platen presses.....	48	.2083	48	.2083
<i>Printing trades, newspaper.</i>				
<b>Compositors:</b>				
Daywork.....	48	.3333	48	.3333
Nightwork.....	48	.3750	48	.3750
<b>Linotype operators:</b>				
Daywork.....	48	.4167	48	.4167
Nightwork.....	48	.4583	48	.4583
<b>Machine tenders:</b>				
Daywork.....	48	.4167	48	.4167
Nightwork.....	48	.4583	48	.4583
<b>Pressmen, web presses:</b>				
Head pressmen.....	48	.4583	48	.4583
Pressmen's assistants.....	48	.2917	48	.2917
<b>Stereotypers:</b>				
Daywork.....	48	.3542	48	.3542
Nightwork.....	48	.3626	48	.3646

## ST. LOUIS, MO.

<i>Bakery trades.</i>				
<b>Bakers, first hands, hand bakeries:</b>				
Bohemian union, foremen, over less than 5 men.....	54	\$0.3148	54	\$0.3148
German union, foremen.....	54	.3148	54	.3148
Hebrew union, foremen, oven men.....	54	.4074	54	.4630
<b>Bakers, first hands, machine bakeries:</b>				
German union, foremen.....	54	.3889	54	.3889
German union, oven men.....	54	.3148	54	.3148
German union, assistant oven men.....	54	.2963	54	.2963
German union, spongers.....	54	.3148	54	.3148
<b>Bakers, first hands, cake bakeries: German union, foremen with less than 4 men.....</b>	54	.3148	54	.3148
<b>Bakers, second hands, hand bakeries:</b>				
Bohemian union, bench hands.....	54	.2778	54	.2778
German union, bench hands.....	54	.2778	54	.2778
Hebrew union, bench hands.....	54	.3333	54	.4074
<b>Bakers, second hands, machine bakeries:</b>				
German union, assistant spongers.....	54	.2963	54	.2963
German union, bench hands.....	54	.2778	54	.2778
<b>Bakers, second hands, cake bakeries: German union, bench hands.....</b>	54	.2778	54	.2778
<b>Bakers, third hands, hand bakeries: Hebrew union.....</b>	54	.2963	54	.3704
<b>Bakers, third hands, machine bakeries: German union, bakers' helpers.....</b>	54	.2037	54	.2037
<i>Building trades.</i>				
Bricklayers.....	44	.7000	44	.7000
Bricklayers, sewer work.....	44	1.0000	44	1.0000
Carpenters.....	44	.6250	44	.6250
Cement workers, finishers.....	44	.6250	44	.6250
Cement workers' helpers.....	44	.4500	44	.5000
Cement workers, laborers.....	44	.4000	44	.4000
Engineers, hoisting and portable.....	44	.7500	44	.7500
Engineers, hoisting and portable (2 engines).....	44	.8750	44	.8750
<b>Hod carriers:</b>				
Brick men.....	44	.4200	44	.4200
Mortar men.....	44	.4500	44	.4500
Inside wiremen.....	44	.6500	44	.6500
Inside wiremen, fixture hangers.....	44	.5625	44	.5625
Inside wiremen's helpers.....	44	.1875	44	.1875
Laborers, building work.....	44	.2500	44	.2500
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3438	44	.3438
Painters.....	44	.5500	44	.5750

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## ST. LOUIS, MO.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Plasterers.....	44	\$0.7500	44	\$0.7500
Plasterers' laborers.....	44	.5625	44	.5625
Plumbers and gas fitters.....	44	.6625	44	.6625
Plumbers' laborers.....	44	.3750	44	.3750
Sheet-metal workers.....	44	.6000	44	.6000
Sprinkler fitters.....	44	.6250	44	.6250
Sprinkler fitters' helpers.....	44	.3125	44	.3125
Steam fitters.....	44	.6875	44	.7500
Steam fitters' helpers.....	44	.3750	44	.3750
Steam fitters, in breweries.....	44	.5750	44	.7500
Steam fitters' helpers, in breweries.....	44	.3250	44	.3750
Stonemasons.....	44	.6000	44	.6000
Structural ironworkers.....	44	.6500	44	.6500
Structural ironworkers, finishers.....	44	.6500	44	.6500
Tile layers.....	44	.6250	44	.6250
Tile layers' helpers.....	44	.3438	44	.3438
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.5000	44	.5000
Machine men.....	44	.5625	44	.6000
Outside men.....	44	.5625	44	.6000
Stonecutters.....	44	.5625	44	.5625
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	54	.3333	54	.3333
Railroad shops.....	54	.3800	54	.4000
Blacksmiths' helpers:				
Manufacturing shops.....	54	.2300	54	.2300
Railroad shops.....	54	.2400	54	.2550
Boiler makers:				
Manufacturing shops.....	54	.4000	54	.4000
Outside men.....	44	.5625	44	.6328
Railroad shops.....	54	.4000	54	.4100
Boiler makers' helpers:				
Manufacturing shops.....	54	.2400	54	.2400
Outside men.....	44	.4000	44	.4000
Railroad shops.....	54	.2700	54	.2700
Core makers.....	54	.3722	54	.3889
Foundry laborers:				
Cupola tenders, machinery molding.....	54	.3333	54	.3333
Cupola tenders, stove molding.....	54	.2778	54	.2889
Casting chippers and cleaners.....	54	.2500	54	.2611
Molders' helpers.....	54	.2278	54	.2389
Machinists:				
Manufacturing shops.....	54	.3300	54	.3300
Tool and die makers.....	54	.4000	54	.4200
Outside men.....	44	.6250	44	.6250
Breweries.....	48	.5000	48	.5250
Railroad shops.....	54	.3900	54	.4150
Specialists.....	54	.2500	54	.2750
Printing machinery repair shops.....	54	.3333	48	.5000
Machinists' helpers, railroad shops.....	54		54	.2000
Molders, iron, bench and floor.....	54	.3722	54	.3889
Pattern makers, wood:				
Jobbing shops.....	54	.5500	44	.6000
Manufacturing shops.....	50	.4800	50	.4800
Railroad shops.....	54	.3600	54	.3900
Steel mills.....	50	.4800	50	.5300
<i>Millwork.</i>				
Carpenters, cabinetmakers.....	44	.3600	44	.3600
Painters, hard wood finishers.....	44	.4000	44	.4000
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters.....	48	.3958	48	.3958
Finishers, first class.....	48	.4792	48	.4792
Finishers, second class.....	48	.4375	48	.4375
Forwarders, blank-book work.....	48	.3958	48	.3958

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## ST. LOUIS, MO.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Bookbinders—Concluded.				
Forwarders, printed work.....	48	\$0.3958	48	\$0.3958
Folding machine operators.....	48	.3958	48	.3958
Rulers, first class.....	48	.4479	48	.4583
Rulers, second class.....	48	.3958	48	.4167
Compositors:				
Bohemian union.....	48	.4375	48	.4375
English union.....	48	.4375	48	.4375
German union.....	48	.4167	48	.4167
Electrotypers:				
Head molder.....	50	.4800	48	.5208
Molders.....	50	.4400	48	.4792
Finishers.....	50	.4200	48	.4583
Helpers.....	50	.3000	48	.3333
Linotype operators:				
Bohemian union.....	48	.5000	48	.5000
English union.....	48	.5000	48	.5000
Machine tenders.....	48	.5000	48	.5000
Press feeders:				
Cylinder press, 24 by 36 and over.....	48	.3125	48	.3125
Pony press.....	48	.2500	48	.2500
Automatic press.....	48	.3125	48	.3125
Aluminographic press.....	48	.3333	48	.3333
Lithographic press, No. 2 or less.....	48	.2500	48	.2500
Lithographic press, over No. 2.....	48	.3125	48	.3125
Pressmen, cylinder presses:				
Operating 1 press.....	48	.3542	48	.3542
Operating 2 presses, less than 24 by 36 inches, or 1 single Harris press, 15 by 18 inches or less.....	48	.3958	48	.3958
Operating 1 press less than 24 by 36 inches and 2 platen presses, or 1 press over 24 by 36 inches and 1 or 2 platen presses, or 1 press less than 24 by 36 inches and 3 platen presses.....	48	.4375	48	.4375
Operating 2 presses 24 by 36 inches and over, or 1 press over 24 by 36 inches and 3 platen presses, or 1 double press, or 1 two-color press, or 2 Kidder presses 15 by 18 inches or less, or 2 single Harris presses 15 by 18 inches or less, or 1 two-color Harris press 15 by 18 inches or less.....	48	.4688	48	.4688
Operating 1 multigraph press.....	48	.5208	48	.5208
Operating 1 single rotary press.....	48	.5313	48	.5313
Operating 1 cylinder press 24 by 36 inches or over and 1 press with automatic feed.....	48	.4375	48	.4375
Operating 1 cylinder press less than 24 by 36 inches and 1 automatic press.....	48	.4688	48	.4688
Operating 1 cylinder press over 24 by 36 inches and 1 automatic press.....	48	.5208	48	.5208
Pressmen, platen presses:				
Operating 2 presses, or 1 press with automatic feed, or one 123-inch coupon press.....	48	.3125	48	.3125
Operating 3 presses.....	48	.3438	48	.3438
Operating 4 presses or one 42-inch coupon press, or 1 press with automatic feed and 2 platen presses.....	48	.3750	48	.3750
Operating 1 automatic press.....	48	.3958	48	.3958
Operating 5 presses or 2 presses with automatic feed and 1 platen press.....	48	.4063	48	.4063
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	46	.5870	46	.5870
German union.....	40	.5867	40	.5867
Compositors, nightwork:				
English union.....	45	.6667	45	.6667
German union.....	40	.6667	40	.6667
Linotype operators, daywork:				
English union.....	48	<sup>1</sup> .1100	48	<sup>1</sup> .1100
German union.....	40	.5867	40	.5867
Linotype operators, nightwork:				
English union.....	48	<sup>1</sup> .1300	48	<sup>1</sup> .1300
German union.....	40	.6667	40	.6667

<sup>1</sup> Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## ST. LOUIS, MO.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Machine tenders:				
Daywork.....	46	\$0.5870	46	\$0.5870
Nightwork.....	45	.6667	45	.6667
Pressmen, web presses, daywork:				
Head pressmen.....	48	.5438	48	.5750
Journeymen.....	48	.4563	48	.4875
Pressmen, web presses, nightwork:				
Head pressmen.....	45	.5800	45	.6133
Journeymen.....	45	.4867	45	.5200
Stereotypers:				
Daywork.....	48	.5000	48	.5375
Nightwork.....	44	.5455	43	.5864

## ST. PAUL, MINN.

<i>Bakery trades.</i>				
Bakers, first hands, foremen.....	60	\$0.3167	54	\$0.3519
Bakers, second hands, ovenmen.....	60	.2833	54	.3148
Bakers, third hands, bench hands.....	60	.2667	54	.2963
<i>Building trades.</i>				
Bricklayers.....	48	.6500	48	.6500
Carpenters.....	48	.4500	48	.5000
Cement workers, finishers.....	48	.4500	48	.5000
Engineers, hoisting and portable.....	60	.5000	51	.5550
Inside wiremen.....	44	.4375	44	.4688
Inside wiremen, fixture hangers.....	44	.4375	44	.4688
Inside wiremen's helpers.....			44	.4000
Inside wiremen, fixture hangers' helpers.....			44	.4000
Lathers.....	48	.4563	48	.4563
Marble cutters and setters.....	48	.5625	48	.5625
Marble setters' helpers.....	48	.3125	48	.3125
Painters.....	48	.4500	44	.5000
Painters, fresco.....	48	.4500	44	.5000
Plasterers.....	44	.6250	44	.6250
Plumbers and gas fitters.....	44	.6250	44	.6250
Sheet-metal workers.....	48	.4000	48	.5000
Steam fitters.....	48	.5000	48	.5000
Steam fitters' helpers.....	48	.3000	48	.3000
Stonemasons.....	48	.5500	48	.5500
Structural ironworkers.....	48	.5000	48	.5625
Structural ironworkers, finishers.....	48	.5000	48	.5625
Tile layers.....	48	.6250	44	.6250
Tile layers' helpers.....	48	.2850	44	.2850
<i>Granite and stone trades.</i>				
Granite cutters, outside men.....	48	.5000	44	.5625
Stonecutters.....	44	.5625	44	.5625
<i>Metal trades.</i>				
Blacksmiths:				
Railroad shops, road A.....	50	.4284	50	.4284
Railroad shops, road B.....	50	.3264	50	.3264
Railroad shops, road C.....	50	.3570	50	.3570
Hammermen, railroad shops.....	50	.6048	50	.6048
Blacksmiths' helpers:				
Railroad shops, road A.....	50	.2550	50	.2550
Railroad shops, road B.....	50	.2448	50	.2448
Railroad shops, road C.....	50	.2397	50	.2397
Boilermakers, railroad shops, road C.....	50	.4437	50	.4437
Boilermakers' helpers, railroad shops, road C.....	50	.2346	50	.2346
Core makers.....	54	.3222	54	.3611
Machinists:				
Manufacturing shops.....	59	.3350	59	.3350
Railroad shops.....	54	.4200	54	.4200
Breweries.....	48	.4200	48	.4500

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## ST. PAUL, MINN.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades—Concluded.</i>				
Molders, iron: Bench, floor, and machine .....	54	\$0.3500	54	\$0.3889
Pattern makers:				
Jobbing shops.....	54	.4200	54	.4400
Manufacturing shops.....	55	.4000	55	.4250
Railroad shops.....	1 50	.4080	1 50	.4182
<i>Millwork.</i>				
Carpenters, cabinetmakers.....	54	.3000	54	.3000
<i>Printing trades, book and job.</i>				
Bookbinders:				
Finishers or forwarders, blank work.....	49	.3673	49	.3673
Forwarders or cutters, or folding-machine operators, printed work.....	49	.3265	49	.3265
Rulers.....	49	.3673	49	.3673
Compositors.....	48	.4063	48	.4375
Linotype operators.....	48	.4792	48	.5000
Electrotypers:				
Molders.....	48	.5000	48	.5000
Finishers.....	48	.4375	48	.4375
Helpers.....	48	.3333	48	.3333
Pressfeeders:				
Cylinder presses.....	48	.2813	48	.2813
Platen presses.....	48	.2604	48	.2604
Pressmen, cylinder:				
Operating triple rotary presses.....	49	.5510	49	.5918
Operating double rotary presses.....	49	.4898	49	.5306
Operating 2 Harris presses.....	49	.....	49	.4796
Operating 2 automatic presses.....	49	.....	49	.4796
Operating single rotary press.....	49	.4490	49	.4898
Operating double and single presses.....	49	.4388	49	.4796
Operating automatic press.....	49	.....	49	.4286
Operating Harris press.....	49	.....	49	.4286
Operating 1 or 2 presses.....	49	.3980	49	.4286
Pressmen, platen:				
Operating 1 to 3 presses.....	49	.2551	49	.2908
Operating 4 or more presses.....	49	.3214	49	.3418
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	48	.5104	48	.5450
German union.....	48	.4063	48	.4063
Compositors, nightwork: English union.....	48	.5729	48	.6100
Linotype operators, daywork:				
English union.....	48	.5104	48	.5450
English union.....	48	2 .0900	48	2 .1000
German union.....	48	.4063	48	.4063
Linotype operators, nightwork:				
English union.....	48	2 .1000	48	2 .1100
German union.....	48	.4688	48	.4688
Machinists:				
Daywork.....	48	.5104	48	.5450
Nightwork.....	48	.5729	48	.6100
Pressmen, web:				
Head pressmen.....	48	.4375	48	.4375
Platers and oilers.....	48	.3750	48	.3750
Tension men.....	48	.3750	48	.3750
Stereotypers:				
Daywork.....	48	.4063	48	.4063
Nightwork.....	48	.4063	48	.4063

1 54 hours, September to April.

2 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## SALT LAKE CITY, UTAH.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades.</i>				
Bricklayers.....	44	\$0. 7500	44	\$0. 7500
Carpenters.....	44	. 6250	44	. 6250
Cement workers.....	44	. 6250	48	. 6250
Engineers, hoisting and portable.....	44	. 5625	44	. 6250
Hod carriers:				
Brick men.....	44	. 4375	44	. 4375
Mortar men.....	44	. 5000	44	. 5000
Wheelbarrow men.....	44	. 3750	44	. 3750
Inside wiremen.....	44	. 5625	44	. 5625
Inside wiremen's helpers.....	44	. 3438	44	. 3438
Painters.....	44	. 5625	44	. 6250
Painters, fresco.....	44	. 6250	44	. 6250
Plasterers.....	44	. 7500	44	. 7500
Plasterers' laborers.....	44	. 5625	44	. 5625
Plumbers and gas fitters.....	44	. 7000	44	. 7500
Sheet-metal workers.....	44	. 5750	44	. 5750
Sprinkler fitters.....	44	. 7000	44	. 7500
Sprinkler fitters' helpers.....	44	. 3125	44	. 3125
Steam fitters.....	44	. 7000	44	. 7500
Steam fitters' helpers.....	44	. 3125	44	. 3125
Stonemasons.....	44	. 6250	44	. 6250
Structural iron workers.....	44	. 5625	44	. 6250
Structural iron workers, finishers.....	44	. 5625	44	. 6250
<i>Granite and stone trades.</i>				
Granite cutters.....	44	. 6250	44	. 6250
Stone cutters.....	44	. 6250	44	. 6250
<i>Metal trades.</i>				
Blacksmiths, manufacturing shops.....	48	. 4470	48	. 4470
Blacksmiths' helpers, manufacturing shops.....	48	. 3100	48	. 3100
Boiler makers:				
Manufacturing shops.....	54	. 4300	54	. 4300
Railroad shops.....	48	. 4300	48	. 4300
Boiler makers' helpers:				
Manufacturing shops.....	54	. 2000	54	. 2000
Railroad shops.....	48	. 2900	48	. 2900
Coremakers.....	54	. 3889	54	. 3889
Machinists:				
Manufacturing shops or railroad shops, outside repair work.....	48	. 4400	48	. 4400
Smelter furnaces.....	54	. 4444	54	. 4444
Railroad shops.....	48	. 4300	48	. 4300
Specialists.....	48	. 2600	48	. 2600
Machinists' helpers:				
Manufacturing shops.....	48	. 2600	48	. 2600
Railroad shops.....	48	. 2500	48	. 2500
Molders, iron.....	54	. 4167	54	. 4167
<i>Millwork.</i>				
Carpenters.....	49½	. 4500	49½	. 4500
<i>Printing trades, book and job.</i>				
Bookbinders.....	48	. 4375	48	. 4375
Compositors.....	48	. 5000	48	. 5000
Linotype operators.....	48	. 5625	48	. 5625
Machine tenders.....	48	. 6250	48	. 6250
Pressfeeders, cylinder presses.....	48	. 2917	48	. 2917
Pressmen, cylinder presses: Operating 1 or 2 presses.....	48	. 4688	48	. 4688
Pressmen, platen presses:				
Operating 1 or 2 presses.....	48	. 3125	48	. 3125
Operating 3 or 4 presses.....	48	. 3750	48	. 3750
Operating 5 or 6 presses.....	48	. 4375	48	. 4375
Operating 7 presses <sup>1</sup> .....	48	. 5000	48	. 5000

<sup>1</sup> With an assistant.



TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## SALT LAKE CITY, UTAH—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	\$0.6250	48	\$0.6250
Nightwork.....	48	.6875	48	.6875
Linotype operators:				
Daywork.....	48	2.1000	48	1.1000
Nightwork.....	48	2.1100	48	1.1100
Pressmen, web presses:				
Head pressmen, day or nightwork.....	48	.6250	48	.6250
Journeymen, daywork.....	48	.4688	48	.4688
Journeymen, nightwork.....	48	.5000	48	.5000
Stereotypers, day or nightwork.....	48	.5000	48	.5000

## SAN FRANCISCO, CAL.

<i>Bakery trades.</i>				
Bakers:				
First hands, foreman, hand bakeries.....	54	\$0.4630	54	\$0.4630
First hands (oven men), machine bakeries.....	48	.5208	48	.5208
Second hands (bench hands), hand bakeries.....	54	.3889	54	.3889
Second hands, partly oven work, hand bakeries.....	54	.4259	54	.4259
Second hands, partly oven work, machine bakeries.....	48	.4583	48	.4583
Third hands, bread and cake, hand bakeries.....	54	.3704	54	.3704
Third hands (bench hands), machine bakeries.....	48	.4167	48	.4167
<i>Building trades.</i>				
Bricklayers.....	44	.8750	44	.8750
Carpenters.....	44	.6250	44	.6250
Carpenters, stair builders.....	44	.6875	44	.6875
Cement workers, finishers.....	44	.7500	44	.7500
Cement workers, helpers.....	44	.6250	44	.6250
Cement workers, laborers.....	44	.5000	44	.5000
Engineers, portable and hoisting.....	48	.7500	48	.7500
Hod carriers.....	44	.5000	44	.5000
Inside wiremen.....	44	.6250	44	.6250
Inside wiremen, fixture hangers.....	44	.5625	44	.5625
Inside wiremen's helpers.....	44	.1875	44	.1875
Laborers, building work.....	54	.2778	54	.2778
Laborers, side sewer work.....	48	.5000	48	.5000
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3750	44	.3750
Painters.....	44	.5625	44	.5625
Plasterers.....	44	.8750	44	.8750
Plasterers' laborers.....	44	.6250	44	.6250
Plumbers and gas fitters.....	44	.7500	44	.7500
Sheet-metal workers.....	44	.6875	44	.6875
Sprinkler fitters.....	44	.7500	44	.7500
Sprinkler fitters' helpers.....	44	.3750	44	.3750
Steam fitters.....	44	.7500	44	.7500
Steam fitters' helpers.....	44	.3750	44	.3750
Stonemasons.....	44	.8750	44	.8750
Structural ironworkers.....	44	.6250	44	.7500
Structural ironworkers, finishers.....	44	.6250	44	.6250
Tile layers.....	44	.7500	44	.7500
Tile layers' helpers.....	44	.3125	44	.3125
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.6250	44	.6250
Outside men.....	44	.6875	44	.6875
Stonecutters.....	44	.6250	44	.7000
<i>Metal trades.</i>				
Blacksmiths:				
Manufacturing shops.....	48	.5000	48	.5000
Railroad shops.....	54	.4000	54	.4000
Railroad shops (steam hammermen).....	54	.4556	54	.4556
Ship and machine work.....	48	.5000	48	.5000
Ship and machine work (steam hammermen).....	48	.5625	48	.5625

1 Per 1,000 ems, nonpareil.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## SAN FRANCISCO, CAL.—Continued.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades—Concluded.</i>				
Blacksmiths' helpers:				
Manufacturing shops.....	48	\$0. 3750	48	\$0. 3750
Railroad shops.....	54	. 3056	54	. 3056
Ship and machine work.....	48	. 3750	48	. 3750
Boiler makers:				
Manufacturing and jobbing shops.....	48	. 5000	48	. 5000
Tank work in iron buildings.....	48	. 6250	48	. 6250
Ship fitters.....	48	. 5000	48	. 5000
Boiler makers' helpers: Manufacturing and jobbing shops.....	48	. 3125	48	. 3125
Core makers.....	48	. 5000	48	. 5000
Foundry laborers.....	48	. 3750	48	. 3750
Machinists:				
Tool and die makers and all-round men.....	48	. 4375	48	. 4375
Specialists.....	48	. 3750	48	. 3750
Molders, iron: Bench, floor, and machine.....	48	. 5000	48	. 5000
Pattern makers, wood.....	48	. 6250	48	. 6250
<i>Millwork.</i>				
Carpenters:				
Sticker men and shapers.....	48	. 6250	48	. 6250
Sash and door layers-out.....	48	. 5938	48	. 5938
Band sawyers, smoothers and molders on veneers and hard wood sash and doors, cabinetmakers, turners; rip sawyers for stickers, stock cutters for cabinet work and trim, and trim sawyers.....	48	. 5625	48	. 5625
Planer men, roller sanders; sash stickers and stock cutters on sash and doors.....	48	. 5000	48	. 5000
Putters-up on sash and doors; assistant rip sawyers, smoothers and molders on stock for sash and doors.....	48	. 4375	48	. 4375
Elbow sanders: Mortisers and tenoners.....	48	. 4063	48	. 4063
<i>Printing trades, book and job.</i>				
Bookbinders, all classifications.....	48	. 5000	48	. 5000
Compositors.....	48	. 5000	48	. 5000
Electrotypers, all classifications.....	48	. 5625	48	. 6250
Linotype operators:				
English union.....	45	. 6445	45	. 6445
Foreign union.....	45	. 5778	45	. 5778
Machine tenders.....	45	. 7111	45	. 7111
Press feeders:				
Cylinder presses.....	48	. 3438	48	. 3438
Platen presses.....	48	. 2813	48	. 2813
Lithographic presses.....	48	. 3438	48	. 3438
Press assistants, cylinder presses (first year).....	48	. 3542	48	. 3542
Press assistants, cylinder presses (second year).....	48	. 3646	48	. 3646
Press assistants, platen presses (first year).....	48	. 3021	48	. 3021
Press assistants, platen presses (second year).....	48	. 3125	48	. 3125
Press assistants, rotary and magazine presses: Oilers, brakemen, and tension men.....	48	. 5313	48	. 5313
Press assistants, rotary and magazine presses: Fly and packer men.....	48	. 3750	48	. 3750
Pressmen, cylinder presses:				
Operating 1 press.....	48	. 5000	48	. 5000
Operating 2 presses.....	48	. 5625	48	. 5625
Operating Cox duplex presses.....	48	. 6250	48	. 6250
Operating 2-color presses.....	48	. 5625	48	. 5625
Operating coupon ticket presses.....	48	. 5000	48	. 5000
Pressmen, platen presses:				
Operating 1 or 2 presses.....	48	. 4375	48	. 4375
Operating 3 presses.....	48	. 5000	48	. 5000
<i>Printing trades, newspaper.</i>				
Compositors, daywork:				
English union.....	45	. 6444	45	. 6444
Foreign union.....	45	. 5778	45	. 5778
Compositors, nightwork:				
English union.....	45	. 7111	45	. 7111
Foreign union.....	45	. 6444	45	. 6444
Linotype operators, daywork:				
English union.....	45	. 6444	45	. 6444
Foreign union.....	45	. 5778	45	. 5778

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## SAN FRANCISCO, CAL.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, newspaper—Concluded.</i>				
Linotype operators, nightwork:				
English union.....	45	\$0.7111	45	\$0.7111
Foreign union.....	45	.6444	45	.6444
Machine tenders:				
Day work.....	45	.7111	45	.7111
Nightwork.....	45	.7777	45	.7777
Pressmen, web presses:				
Head pressmen, day or night.....	45	.6889	45	.6889
Tension men, day or night.....	45	.6067	45	.6067
Oilers and platers, day or night.....	45	.5667	45	.5667
General utility men, day or night.....	45	.5267	45	.5267
Stereotypers, day or nightwork.....	45	.6000	45	.6000

## SCRANTON, PA.

<i>Bakery trades.</i>				
Bakers, first hands: German union.....	60	\$0.3333	60	\$0.3333
Bakers, second hands: German union.....	60	.3000	60	.3000
Bakers, third hands: German union.....	60	.2500	60	.2500
<i>Building trades.</i>				
Bricklayers.....	48	.5500	44	.6000
Carpenters.....	48	.4250	48	.4250
Engineers, hoisting and portable:				
Boom derrick.....	48	.5625	48	.5625
Hoist.....	48	.5000	48	.5000
Hod carriers.....	48	.2500	48	.3000
Inside wiremen.....	48	.4688	48	.4688
Inside wiremen's helpers.....	48	.3125	48	.3125
Laborers, excavating.....	54	.2000	54	.2250
Laborers, concrete mixing, building wrecking, etc.....	54	.2250	54	.2500
Painters.....	48	.4000	48	.4000
Plasterers.....	44	.5000	44	.5500
Plumbers and gas fitters.....	48	.4688	48	.5000
Sheet-metal workers.....	48	.4375	48	.4375
Steam fitters.....	48	.4063	48	.4688
Steam fitters' helpers.....	48	.2500	48	.2500
Stonemasons.....	48	.4500	48	.5000
Structural ironworkers.....	48	.5625	48	.5625
Tile layers.....	48	.5000	48	.5000
<i>Granite and stone trades.</i>				
Stonecutters.....	48	.5000	48	.5000
<i>Metal trades.</i>				
Blacksmiths: Manufacturing and jobbing shops.....	54	.3333	54	.3333
Core makers:				
Manufacturing shops (machinery).....	60	.2500	60	.2500
Manufacturing shops (hot-water and steam heating).....	60	.3000	54	.3333
Machinists: All-round men and railroad shops.....	60	.2500	60	.2500
Molders:				
Manufacturing shops (machinery).....	60	.2500	60	.2500
Manufacturing shops (hot-water and steam heating).....	54	.3611	54	.3611
Railroad shops.....	60	.2750	60	.2750
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, book.....	48	.4375	48	.4375
Cutters, paper.....	48	.3750	48	.3958
Forwarders, blank work.....	48	.3750	48	.3750
Forwarders, printed work.....	48	.4167	48	.4375
Rulers.....	48	.3750	48	.3750
Compositors.....	48	.4375	48	.4375

1 48 hours, January to April and October to December.

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Continued.

## SCRANTON, PA.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Printing trades, book and job—Concluded.</i>				
Electrotypers:				
Battery men and builders.....	48	\$0.3750	48	\$0.3750
Finishers.....	48	.4167	48	.4167
Molders.....	48	.4583	48	.4583
Linotype operators.....	48	.4583	48	.4583
Press feeders:				
Cylinder.....	48	.2500	48	.2500
Platen.....	48	.1563	48	.1563
Pressmen, cylinder: Operating 1 or 2 presses.....	48	.4583	48	.4583
Pressmen, platen:				
Operating 4 or more presses.....	48	.3125	48	.3125
Operating 1 to 3 presses.....	48	.2708	48	.2708
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	48	.4375	48	.4792
Nightwork.....	48	.5000	48	.5417
Linotype operators:				
Daywork.....	48	.4583	48	.4792
Nightwork.....	48	.5208	48	.5417
Machine tenders:				
Daywork.....	48	.4583	48	.4792
Nightwork.....	48	.5208	48	.5417
Pressmen, web presses:				
Daywork.....	48	.5208	48	.5208
Nightwork.....	48	.5208	48	.5208
Stereotypers:				
Daywork.....	48	.3958	48	.3958
Nightwork.....	42	.4524	42	.4524

## SEATTLE, WASH.

<i>Bakery trades.</i>				
Bakers, first hands: Foremen.....	48	\$0.5208	48	\$0.5208
Bakers, second hands:				
In charge of ovens (bench hands).....	48	.4583	48	.4583
Dough mixers.....	48	.4583	48	.4583
Bench hands.....	48	.4167	48	.4167
Bakers, third hands: Helpers.....	48	.2917	48	.2917
<i>Building trades.</i>				
Bricklayers.....	44	.7500	44	.7500
Bricklayers, sewer and well work.....	44	.8750	44	.8750
Carpenters.....	44	.5625	44	.5625
Cement workers, finishers.....	48	.6250	48	.6250
Cement workers, helpers.....	48	.4375	48	.4375
Engineers, hoisting and portable.....	44	.6250	44	.6250
Hod carriers.....	44	.4375	44	.4375
Inside wiremen.....	44	.6250	44	.6250
Inside wiremen, fixture hangers.....	44	.5000	44	.5000
Inside wiremen's helpers.....	44	.3750	44	.3750
Laborers, building.....	44	.3125	44	.3750
Marble setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3750	44	.3750
Painters.....	44	.5625	44	.5625
Plasterers.....	44	.7500	44	.7500
Plasterers' laborers.....	44	.5000	44	.5000
Plumbers and gas fitters.....	44	.8125	44	.8125
Sheet-metal workers.....	44	.5625	44	.5625
Steam fitters.....	44	.8125	44	.8125
Structural ironworkers.....	44	.6000	44	.6250
Structural ironworkers, finishers.....	44	.6000	44	.6250
Structural ironworkers (reinforced concrete).....	44	.5000	44	.5625
Tile layers.....	48	.6250	48	.6250
Tile layers' helpers.....	48	.4063	48	.4063
<i>Granite and stone trades.</i>				
Inside men.....	44	.6250	44	.6250
Outside and machine men.....	44	.6875	44	.6875

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, MAY 15, 1912 AND 1913—Continued.

## SEATTLE, WASH—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Metal trades.</i>				
Boiler makers:				
Outside men.....	48	\$0.5625	48	\$0.5625
Manufacturing shops.....	48	.5000	48	.5000
Railroad shops.....	54	.4550	54	.4550
Railroad shops, road A.....	54	.3422	54	.3422
Boiler makers' helpers:				
Outside men.....			48	.4375
Manufacturing shops.....			48	.3125
Core makers.....	54	.4444	54	.4444
Machinists:				
Manufacturing shops.....	48	.4500	48	.4500
Breweries.....	48	.6000	48	.6000
Railroad shops.....	54	.4400	54	.4400
Molders, iron.....	54	.4444	54	.4444
Pattern makers:				
Jobbing shops.....	48	.5625	48	.5625
Manufacturing shops.....	54	.4500	54	.4500
<i>Millwork.</i>				
Carpenters.....	48	.4375	48	.4375
<i>Printing trades, book and job.</i>				
Bookbinders:				
Cutters, finishers, and forwarders, printed and blank work.....	48	.4688	48	.4688
Rulers.....	48	.5208	48	.5208
Compositors.....	48	.5313	48	.5313
Electrotypers: Battery men, builders, finishers, and molders.	48	.5208	48	.5208
Press feeders:				
Cylinder presses.....	48	.3229	48	.3229
Press assistants (cylinder presses).....	48	.3438	48	.3438
Platen presses.....	48	.2708	48	.2708
Press assistants (platen presses).....	48	.3229	48	.3229
Pressmen, cylinder presses:				
Foremen.....	48	.5625	48	.5625
Operating 1 or 2 presses.....	48	.5104	48	.5104
Pressmen, platen presses:				
Foremen, 3 or more presses.....	48	.5104	48	.5104
Operating 3 or more presses.....	48	.4479	48	.4479
Foremen, 1 or 2 presses.....	48	.4375	48	.4375
Operating less than 3 presses.....	48	.4167	48	.4167
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	42	.7143	42	.7500
Nightwork.....	42	.7857	42	.8214
Linotype operators:				
Daywork.....	42	.7143	42	.7500
Nightwork.....	42	.7857	42	.8214
Machine tenders:				
Daywork.....	42	.7143	42	.7500
Nightwork.....	42	.7857	42	.8214
Pressmen, web presses:				
Head pressmen, daywork.....	48	.6250	48	.6250
Head pressmen, nightwork.....	42½	.7059	42½	.7059
Journeymen, daywork.....	48	.5625	48	.5625
Journeymen, nightwork.....	42½	.6353	42½	.6353
Stereotypers, daywork or nightwork.....	42	.6429	42	.6786

## WASHINGTON, D. C.

<i>Bakery trades.</i>				
Bakers, first hands:				
Hand bakeries.....	54	\$0.3333	54	\$0.3611
Machine bakeries.....	48	.3750	48	.4063
<i>Building trades.</i>				
Bricklayers:				
Building work.....	44½	.6250	44½	.6250
Sewer work.....	44½	.7500	44½	.7500

TABLE I.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH CITY, BY TRADES, ON MAY 15, 1912 AND 1913—Concluded.

## WASHINGTON, D. C.—Concluded.

Trade.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Building trades—Concluded.</i>				
Carpenters.....	44½	\$0.5000	44½	\$0.5000
Carpenters, stair builders.....	44½	.5625	44½	.5625
Engineers, hoisting and portable.....	48	.6250	44	.6250
Hod carriers:				
Brick and mortar men.....	44½	.2813	44½	.2813
Wheelbarrowmen.....	44½	.2313	44½	.2313
Inside wiremen.....	44	.5000	44	.5500
Inside wiremen's helpers:				
Third year.....	44	.3750	44	.4375
Second year.....	44	.3125	44	.3125
Marble cutters and setters.....	44	.6250	44	.6250
Marble setters' helpers.....	44	.3438	44	.3438
Painters.....	44	.4688	44	.5060
Plasterers.....	44	.6250	44	.6250
Plasters' laborers.....	44	.2813	44	.3125
Plumbers and gas fitters.....	48	.5000	48	.5000
Sheet-metal workers.....	44	.5000	44	.5000
Steam fitters.....	48	.5000	48	.5000
Steam fitters' helpers.....	48	.2750	48	.2750
Stonecutters.....	44	.5000	44	.5400
Stonemasons.....	44½	.6250	44½	.6250
Structural ironworkers and finishers.....	44	.5625	44	.5625
Structural ironworkers, finishers' helpers.....	44	.2500	44	.2500
Tile layers.....	48	.5625	48	.5625
<i>Granite and stone trades.</i>				
Granite cutters:				
Inside men.....	44	.4500	44	.4500
Machine men.....	44	.5125	44	.5125
Outside men.....	44	.5000	44	.5000
Stonecutters.....	44	.5000	44	.5400
<i>Metal trades.</i>				
Machinists.....	48	.4063	48	.4063
Molders, iron: Bench and floor.....	48	.3438	48	.3438
<i>Millwork.</i>				
Carpenters.....	48	.4375	48	.4375
Painters, hardwood finishers.....	48	.4375	48	.4375
<i>Printing trades, book and job.</i>				
Bookbinders.....	48	.3750	48	.3750
Compositors.....	48	.4000	48	.4000
Compositors, makers-up, and stonemen.....	48	.4208	48	.4208
Electrotypers.....	44	.5000	44	.5000
Linotype operators.....	48	.5000	48	.5000
Machine tenders.....	48	.5000	48	.5000
Press feeders:				
Cylinder presses.....	48	.2500	48	.2500
Platen presses.....	48	.1771	48	.1771
Pressmen, cylinder presses: Operating 1 or 2 presses.....	48	.4167	48	.4167
Pressmen, platen presses: Operating 1 to 3 presses.....	48	.3125	48	.3125
<i>Printing trades, newspaper.</i>				
Compositors:				
Daywork.....	42	.5786	42	.6071
Nightwork.....	42	.6343	42	.6657
Linotype operators:				
Daywork.....	42	.5786	42	.6071
Nightwork.....	42	.6343	42	.6657
Machine tenders:				
Daywork.....	42	.5786	42	.6071
Nightwork.....	42	.6343	42	.6657
Pressmen, web presses:				
Head pressmen, daywork.....	48	.4479	48	.4479
Head pressmen, nightwork.....	48	.4911	48	.4911
Tension men, day or night work.....	48	.3036	48	.3036
Oilers and platers, day or night work.....	48	.2857	48	.2857
Stereotypers:				
Daywork.....	45	.5333	45	.5333
Nightwork.....	40½	.5890	40½	.5890

**TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913.**
**BAKERY TRADES.**
**BAKERS: First hands.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
German union .....	60	\$0.3000	60	\$0.3000
Hebrew union .....	54	.4444	51	.4706
Mixed union .....	60	.3000	60	.3000
Buffalo, N. Y.:				
German union, oven men, daywork .....	60	.3000	60	.3167
German union, oven men, nightwork .....	54	.3333	54	.3519
Polish union, oven men .....			60	.3000
Newark, N. J.:				
German union, 2-man and 3-man shops and oven men's helpers .....	60	.3000	60	.3000
German union, 4-man shops, oven men and dough mixers .....	60	.3167	60	.3167
Hebrew union, daywork .....	51	.4510	51	.4706
Hebrew union, nightwork .....	51	.4706	51	.4902
Italian union .....	72	.2083	72	.2083
New Haven, Conn.:				
German union, hand and machine bakeries .....	54	.3704	54	.3704
Hebrew union, foremen .....	60	.3667	60	.3833
New York, N. Y.:				
Bohemian union .....	51	.3529	51	.3529
English union .....	56	.3571	56	.3571
German union A, Manhattan, Brooklyn, Richmond, and Queens .....	60	.3000	54	.3333
German union B, Manhattan, East Side .....	54	.3519	54	.3519
German union B, Manhattan, West Side, and Bronx .....	60	.3000	60	.3000
German union B, machine bakeries, Brooklyn, Queens, and Richmond .....	54	.3704	54	.3704
Hebrew union .....	51	.5098	51	.5098
Hebrew union, East Side .....	51	.4706	51	.5098
Italian union .....	66	.2121	61	.2623
Scandinavian union .....	66	.2576	60	.3000
Philadelphia, Pa.:				
German union .....	62	.2903	60	.3000
Hebrew union .....	51	.4510	51	.4706
Polish union .....			60	.3000
Pittsburgh, Pa.:				
German union, foremen .....	54	.3333	54	.3333
Hebrew union, foremen .....	51	.4706	51	.4902
Polish union .....			48	.4167
Providence, R. I.: Hebrew union .....	60	.3333	60	.3667
<i>South Atlantic.</i>				
Baltimore, Md.:				
German union .....	72	.1944	72	.1944
Hebrew union .....	60	.3333	60	.3500
Washington, D. C.:				
Hand bakeries .....	54	.3333	54	.3611
Machine bakeries .....	48	.3750	48	.4063
<i>North Central.</i>				
Chicago, Ill.:				
Bohemian union, hand bakeries, daywork .....	54	.3519	54	.3519
Bohemian union, hand bakeries, nightwork .....	54	.3889	54	.3889
German union, hand bakeries, daywork .....	54	.3704	54	.3704
German union, hand bakeries, nightwork .....	54	.3889	54	.4074
German union, machine bakeries, daywork .....	48	.4167	48	.4167
German union, machine bakeries, nightwork .....	48	.4375	48	.4583
Hebrew union, hand bakeries, nightwork .....	54	.4259	51	.4902
Polish union, hand bakeries, daywork .....	54	.2963	54	.3889
Polish union, hand bakeries, nightwork .....	54	.3148	54	.3889
Scandinavian union, hand bakeries, daywork .....	54	.3519	54	.3519
Scandinavian union, hand bakeries, nightwork .....	54	.3889	54	.3889
Cincinnati, Ohio:				
Oven men, hand bakeries, daywork .....	54	.2778	48	.3750
Oven men, hand bakeries, nightwork .....	54	.3148	48	.3750
Oven men and dough mixers, machine bakeries, daywork .....	48	.3750	48	.3750
Cleveland, Ohio:				
Bohemian union, daywork .....	54	.2963	51	.3333
Bohemian union, nightwork .....	54	.3148	51	.3529
Hebrew union, daywork .....	48	.4375	48	.4583
Hebrew union, nightwork .....	48	.4683	48	.4683

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BAKERY TRADES—Continued.

BAKERS: First hands—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Detroit, Mich.:				
German union, foremen and dough mixers, day or night work.....	51	\$0.3529	51	\$0.3725
Hebrew union, foremen, 2 ovens, daywork.....	54	.4259	51	.4510
Hebrew union, foremen, 2 ovens, nightwork.....			51	.4706
Hebrew union, foremen, 1 oven, daywork.....	54	.3889	51	.4118
Hebrew union, foremen, 1 oven, nightwork.....			51	.4314
Indianapolis, Ind.:				
Oven men, daywork.....	60	.2667	60	.2667
Oven men, nightwork.....	60	.3000	60	.3000
Scranton, Pa.: German union.....				
	60	.3333	60	.3333
Kansas City, Mo.:				
Foremen in small shops, hand bakeries.....	54	.3519	54	.3519
Oven men, hand bakeries.....	54	.3889	54	.3889
Spongers, hand bakeries.....	54	.3889	54	.3889
Oven men, machine bakeries.....	48	.4375	48	.4375
Spongers or mixers, machine bakeries.....	48	.4375	48	.4375
Foremen pie bakeries, hand bakeries.....	54	.3704	54	.3889
Foremen pie bakeries, machine bakeries.....	48	.4167	48	.4375
Foremen cake and roll bakeries, hand bakeries.....	54	.4167	54	.4815
Milwaukee, Wis.:				
German union, nightwork.....	57	.3158	57	.3158
Hebrew union, daywork.....	57	.3158	57	.3158
Minneapolis, Minn.:				
German union, foremen, 1 or more men, daywork.....	60	.3167	54	.3519
German union, foremen, 1 or more men, nightwork.....	60	.3333	54	.3704
German union, foremen, working alone, daywork.....	60	.3000	54	.3333
German union, foremen, working alone, nightwork.....	60	.3167	54	.3519
Omaha, Nebr.:				
Foremen, daywork.....	54	.2963	54	.2963
Foremen, nightwork.....	54	.2963	54	.2963
St. Louis, Mo.:				
Bohemian union, foremen over less than 5 men, hand bakeries.....	54	.3148	54	.3148
German union, foremen, hand bakeries.....	54	.3148	54	.3148
Hebrew union, foremen, oven men, hand bakeries.....	54	.4074	54	.4630
German union, foremen, machine bakeries.....	54	.3889	54	.3889
German union, oven men, machine bakeries.....	54	.3148	54	.3148
German union, assistant oven men, machine bakeries.....	54	.2963	54	.2963
German union, spongers, machine bakeries.....	54	.3148	54	.3148
German union, foremen, with less than 4 men, cake bakeries.....	54	.3148	54	.3148
St. Paul, Minn.: Foremen.....	60	.3167	54	.3519
<i>South Central.</i>				
Dallas, Tex.....				
	60	.3667	60	.3667
Louisville, Ky.:				
Mixers.....	57	.2982	57	.2982
Oven men.....	57	.2807	57	.2807
Memphis, Tenn.:				
Foremen, hand bakeries, daywork.....			54	.3704
Foremen, hand bakeries, nightwork.....	54	.4074	54	.4074
Foremen, machine bakeries, nightwork.....	54	.4074	54	.4074
Oven men and spongers, machine bakeries, nightwork.....	54	.3519	54	.3519
<i>Western.</i>				
Denver, Colo.:				
Foremen, working with 5 or more men.....	54	.4630	54	.4630
Foremen, alone or with less than 5 men.....	54	.4074	54	.4074
Oven men.....	54	.3704	54	.3704
Mixers.....	54	.3704	54	.3704
Los Angeles, Cal.: Oven men.....	54	.3889	54	.3889
Portland, Oreg.:				
Foremen over 2 or more men in hand bakeries.....	54	.4630	51	.4902
Foremen over 1 man in hand bakeries.....	54	.3889	51	.4412
Oven men in hand bakeries.....	54	.3889	51	.4118
Oven men and bench men in hand bakeries.....	54	.3704	51	.4118
San Francisco, Cal.:				
Foremen, hand bakeries.....	54	.4630	54	.4630
Oven men, machine bakeries.....	48	.5208	48	.5208
Seattle, Wash.: Foremen.....	48	.5208	48	.5208



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—(Continued.

## BAKERY TRADES—Continued.

## BAKERS: Second hands.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
German union.....	60	\$0.2333	60	\$0.2667
Hebrew union.....	54	.3704	51	.3922
Mixed union.....	60	.2667	60	.2667
Buffalo, N. Y.:				
German union, bench men, daywork.....	60	.2667	60	.2833
German union, bench men, nightwork.....	54	.2963	54	.3148
Polish union, bench men.....	60		60	.2500
Newark, N. J.:				
German union.....	60	.2667	60	.2667
Hebrew union, daywork.....	51	.3922	51	.4118
Hebrew union, nightwork.....	51	.4118	51	.4314
Italian union.....	72	.1667	72	.1667
New Haven, Conn.:				
German union, hand and machine bakeries.....	54	.3148	54	.3148
Hebrew union, hand bakeries.....	60	.3000	60	.3167
New York, N. Y.:				
Bohemian union.....	51	.3039	51	.3039
English union.....	56	.2857	56	.2857
German union, Union A1, Manhattan, Brooklyn, Richmond, and Queens.....	60	.2500	54	.2778
German union, Union B1, Manhattan—East Side.....	54	.2963	54	.2963
German union, Union B1, Manhattan—West Side and Bronx.....	60	.2500	60	.2500
German union, Union B1, machine bakeries, Brooklyn, Queens, and Richmond.....	54	.2963	54	.2963
Hebrew union.....	51	.4314	51	.4314
Hebrew union—East Side.....	51	.3922	51	.4314
Italian union.....	66	.1515	61	.1987
Scandinavian union.....	66	.2273	60	.2667
Philadelphia, Pa.:				
German union.....	62	.2419	60	.2500
Hebrew union.....	51	.3922	51	.4118
Polish union.....			60	.2667
Pittsburgh, Pa.:				
German union.....	54	.2593	54	.2963
Hebrew union.....	51	.3922	51	.4118
Polish union.....			48	.3542
Providence, R. I.: Hebrew union.....	60	.3000	60	.3333
Scranton, Pa.: German union.....	60	.3000	60	.3000
<i>South Atlantic.</i>				
Baltimore, Md.:				
German union.....	72	.1667	72	.1667
Hebrew union.....	60	.2833	60	.3000
<i>North Central.</i>				
Chicago, Ill.:				
Bohemian union, hand bakeries, daywork.....	54	.3148	54	.3148
Bohemian union, hand bakeries, nightwork.....	54	.3519	54	.3519
German union, hand bakeries, daywork.....	54	.3333	54	.3333
German union, hand bakeries, nightwork.....	54	.3519	54	.3704
German union, machine bakeries, daywork.....	48	.3750	48	.3750
German union, machine bakeries, nightwork.....	48	.3958	48	.4167
Hebrew union, hand bakeries, nightwork.....	54	.3889	51	.4314
Polish union, hand bakeries, daywork.....	54	.2593	54	.3519
Polish union, hand bakeries, nightwork.....	54	.2778	54	.3519
Scandinavian, hand bakeries, daywork.....	54	.3148	54	.3148
Scandinavian, hand bakeries, nightwork.....	54	.3519	54	.3519
Cincinnati, Ohio:				
Bench hands, hand bakeries, daywork.....	54	.2407	48	.3333
Bench hands, hand bakeries, nightwork.....	54	.2778	48	.3333
Bench hands, machine bakeries, daywork.....	48	.3333	48	.3333
Cleveland, Ohio:				
Bohemian union, daywork.....	54	.2963	51	.3333
Bohemian union, nightwork.....	54	.3148	51	.3529
German union.....	54	.2593	54	.2778
Hebrew union, daywork.....	48	.3542	48	.3542
Hebrew union, nightwork.....	48	.3750	48	.3750

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BAKERY TRADES—Continued.

## BAKERS: Second hands—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Detroit, Mich.:				
German union.....	51	\$0.3137	51	\$0.3333
Hebrew union, daywork.....	54	.3333	51	.3529
Hebrew union, nightwork.....			51	.3725
Indianapolis, Ind.:	60	.2667	60	.2667
Kansas City, Mo.:				
Bench hands, hand bakeries.....	54	.3519	54	.3519
Bench hands, machine bakeries.....	48	.3958	48	.3958
Drawers, hand bakeries.....	54	.3704	54	.3704
Drawers, machine bakeries.....	48	.4167	48	.4167
Oven men, pie, hand bakeries.....	54	.3333	54	.3519
Oven men, pie, machine bakeries.....	48	.3750	48	.3958
Underhands, cake and roll, hand bakeries.....	54	.3519	54	.3519
Underhands, cake and roll, machine bakeries.....	48	.3958	48	.3958
Milwaukee, Wis.:				
German union, nightwork.....	57	.2807	57	.2807
Hebrew union, daywork.....	57	.2632	57	.2632
Minneapolis, Minn.:				
German union, bench hands, daywork.....	60	.2667	54	.2963
German union, bench hands, nightwork.....	60	.2833	54	.3148
Omaha, Nebr.:				
Oven men, daywork.....	54	.2778	54	.2778
Oven men, nightwork.....	54	.2778	54	.2778
St. Louis, Mo.:				
Bohemian union, bench hands, handwork.....	54	.2778	54	.2778
German union, bench hands, handwork.....	54	.2778	54	.2778
Hebrew union, bench hands, handwork.....	54	.3333	54	.4074
German union, assistant spongers, machine work.....	54	.2963	54	.2963
German union, bench hands, machine work.....	54	.2778	54	.2778
German union, cake bakeries, bench hands.....	54	.2778	54	.2778
St. Paul, Minn.: Oven men.....	60	.2833	54	.3148
<i>South Central.</i>				
Dallas, Tex.:	60	.3333	60	.3333
Louisville, Ky.:	57	.2456	57	.2456
Memphis, Tenn.:				
Hand bakeries, daywork.....			54	.3148
Hand bakeries, nightwork.....	54	.3333	54	.3333
Machine bakeries, nightwork.....	54	.3333	54	.3333
<i>Western.</i>				
Denver, Colo.: Bench hands.....	54	.3333	54	.3333
Los Angeles, Cal.: Bench hands.....	54	.3333	54	.3333
Portland, Oreg.:				
Bench hands, hand bakeries.....	54	.3333	51	.3725
Bench hands, machine bakeries.....	48	.3750	51	.3725
San Francisco, Cal.:				
Bench hands, hand bakeries.....	54	.3889	54	.3889
Partly oven work, hand bakeries.....	54	.4259	54	.4259
Partly oven work, machine bakeries.....	48	.4583	48	.4583
Seattle, Wash.:				
In charge of ovens (bench hands).....	48	.4583	48	.4583
Dough mixers.....	48	.4583	48	.4583
Bench hands.....	48	.4167	48	.4167

## BAKERS, Third hands.

<i>North Atlantic.</i>				
Boston, Mass.:				
Hebrew union.....	54	\$0.3333	51	\$0.3529
Mixed union.....	60	.2500	60	.2500
Buffalo, N. Y.: Polish union, assistant bench men.....			60	.2167
Newark, N. J.:				
German union, 3-man shops.....	60	.2333	60	.2333
German union, 4-man shops.....	60	.2500	60	.2500

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BAKERY TRADES—Continued.

## BAKERS, Third hands—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic—Concluded.</i>				
New Haven, Conn.:				
German union, hand and machine bakeries.....	54	\$0.2963	54	\$0.2963
Hebrew union, hand bakeries.....	60	.2667	60	.2833
New York, N. Y.:				
Bohemian union.....	51	.2549	51	.2549
English union.....	56	.2143	56	.2143
German union, union A, Manhattan, Brooklyn, Queens, and Richmond.....	60	.2167	54	.2407
German union, union B, Manhattan—East Side.....	54	.2593	54	.2593
German union, union B, Manhattan—West Side.....	60	.2167	60	.2167
German union, union B, Bronx.....	60	.2333	60	.2333
Hebrew union.....	51	.3725	51	.3922
Hebrew union—East Side.....	51	.3529	51	.3922
Italian union.....	66	.1212	61	.1639
Scandinavian union.....	66	.1818	60	.2167
Philadelphia, Pa.:				
Hebrew union.....	51	.2963	51	.3148
Polish union.....			60	.2333
Pittsburgh, Pa.:				
German union, bench men.....	54	.2778	54	.2778
Hebrew union, bench men.....	51	.3529	51	.3725
Polish union.....			48	.3125
Providence, R. I.: Hebrew union.....	60	.2500	60	.2833
Scranton, Pa.: German union.....	60	.2500	60	.2500
<i>South Atlantic.</i>				
Baltimore, Md.: Hebrew union.....	60	.2167	60	.2333
<i>North Central.</i>				
Chicago, Ill.:				
Bohemian union, hand bakeries, daywork.....	54	.2778	54	.2778
Bohemian union, hand bakeries, nightwork.....	54	.3148	54	.3148
German union, hand bakeries, daywork.....	54	.2778	54	.2778
German union, hand bakeries, nightwork.....	54	.2963	54	.3148
German union, machine bakeries, daywork.....	48	.3125	48	.3125
German union, machine bakeries, nightwork.....	48	.3333	48	.3542
Hebrew union, hand bakeries, daywork.....	54	.3519	51	.3922
Polish union, hand bakeries, daywork.....	54	.2222	54	.3148
Polish union, hand bakeries, nightwork.....	54	.2407	54	.3148
Scandinavian union, hand bakeries, daywork.....	54	.2778	54	.2778
Scandinavian union, hand bakeries, nightwork.....	54	.3148	54	.3148
Cincinnati, Ohio:				
Hand bakeries, daywork.....	54	.1852	48	.2292
Hand bakeries, nightwork.....	54	.2037	48	.2292
Machine bakeries, daywork.....	48	.2292	48	.2292
Cleveland, Ohio:				
Bohemian union, daywork.....	54	.2533	51	.2745
Bohemian union, nightwork.....	54	.2778	51	.2941
German union.....	54	.2222	54	.2467
Hebrew union, helpers, daywork.....			60	.2333
Hebrew union, helpers, nightwork.....			60	.2333
Detroit, Mich.:				
Hebrew union, daywork.....	60	.2000	60	.2600
Hebrew union, nightwork.....	54	.2593	51	.2941
Hebrew union, nightwork.....			51	.3137
Indianapolis, Ind.:				
Hebrew union, nightwork.....	60	.2000	60	.2000
Kansas City, Mo.:				
Dough mixers, pie bakeries, handwork.....	54	.2963	54	.3148
Dough mixers, pie bakeries, machine work.....	48	.3333	48	.3542
Fillers, pie bakeries, handwork.....	54	.2963	54	.3148
Fillers, pie bakeries, machine work.....	48	.3333	48	.3542
Rolling machine operators, machine work.....	48	.3125	48	.3333
Milwaukee, Wis.:				
German union, nightwork.....	57	.2632	57	.2632
Hebrew union, daywork.....	57	.2281	57	.2281
Minneapolis, Minn.:				
German union, helpers, first year, daywork.....	60	.1333	54	.1481
German union, helpers, first year, nightwork.....	60	.1667	54	.1852

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BAKERY TRADES—Concluded.

## BAKERS: Third hands—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Omaha, Nebr.:				
Bench hands, daywork.....	54	\$0.2593	54	\$0.2593
Bench hands, nightwork.....	54	.2593	54	.2593
St. Louis, Mo.:				
Hebrew union, hand bakeries.....	54	.2963	54	.3764
German union, helpers, machine bakeries.....	54	.2037	54	.2037
St. Paul, Minn.: Bench hands.....	60	.2667	54	.2963
<i>South Central.</i>				
Dallas, Tex.....	60	.3000	60	.5000
<i>Western.</i>				
Los Angeles, Cal.: Bakers' helpers.....	54	.2222	54	.2222
San Francisco, Cal.:				
Bread and cake, hand bakeries.....	54	.3704	54	.3704
Bench hands, machine bakeries.....	48	.4167	48	.4167
Seattle, Wash.: Helpers.....	48	.2917	48	.2917

## BUILDING TRADES.

## BRICKLAYERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.6000	44	\$0.6500
Buffalo, N. Y.....	48	.6000	48	.6500
Fall River, Mass.....	48	.5500	48	.5500
Manchester, N. H.....	<sup>1</sup> 48	.5500	<sup>1</sup> 48	.5500
Newark, N. J.....	44	.6500	44	.6500
New Haven, Conn.....	44	.6000	44	.6000
New York, N. Y.....	44	.7000	44	.7000
Philadelphia, Pa.....	44	.6250	44	.6250
Pittsburgh, Pa.....	44	.6500	44	.7000
Providence, R. I.....	44	.6000	44	.6500
Scranton, Pa.....	48	.5500	<sup>2</sup> 44	.6000
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	.4500	53	.4500
Baltimore, Md.....	<sup>3</sup> 45	.6250	<sup>3</sup> 45	.6250
Charleston, S. C.....	53	.4075	53	.4075
Jacksonville, Fla.....	48	.5000	48	.6250
Richmond, Va.....	45	.6500	45	.6500
Washington, D. C.....	44 <sup>1</sup> / <sub>2</sub>	.6250	44 <sup>1</sup> / <sub>2</sub>	.6250
<i>North Central.</i>				
Chicago, Ill.....	44	.7250	44	.7500
Chicago, Ill.: Fireproofing.....	44	.7500	44	.7500
Cincinnati, Ohio.....	45	.6500	45	.6500
Cleveland, Ohio.....	48	.6500	48	.6500
Cleveland, Ohio: Hebrew union.....	48	.6000	48	.6000
Detroit, Mich.....	<sup>4</sup> 48	.6250	<sup>4</sup> 48	.6500
Indianapolis, Ind.....	44	.7000	44	.7500
Kansas City, Mo.....	44	.7500	44	.7500
Milwaukee, Wis.....	44	.6500	44	.6750
Minneapolis, Minn.....	48	.6500	48	.6500
Omaha, Nebr.....	44	.7000	44	.7000
St. Louis, Mo.....	44	.7000	44	.7000
St. Paul, Minn.....	48	.6500	48	.6500

<sup>1</sup> 44 hours, June to September.<sup>2</sup> 48 hours, January to April and October to December.<sup>3</sup> 44 hours, January to March and November and December.<sup>4</sup> 44 hours, June 15 to Sept. 15.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

**BUILDING TRADES—Continued.**

**BRICKLAYERS—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.....	44	\$0.6250	44	\$0.7000
Dallas, Tex.....	44	.7500	44	.8750
Little Rock, Ark.....	48	.7500	44	.7500
Louisville, Ky.....	48	.6500	48	.6500
Memphis, Tenn.....	44	.7500	44	.7500
New Orleans, La.....	44	.6250	44	.6250
<i>Western.</i>				
Denver, Colo.....	44	.7500	44	.7500
Los Angeles, Cal.....	44	.7500	44	.7500
Portland, Ore.....	44	.7500	44	.7500
Salt Lake City, Utah.....	44	.7500	44	.7500
San Francisco, Cal.....	44	.8750	44	.8750
Seattle, Wash.....	44	.7500	44	.7500

**BRICKLAYERS: Sewer, tunnel, and caisson workers.**

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.7000	44	\$0.7000
Philadelphia, Pa.....	44	.7000	44	.7000
<i>South Atlantic.</i>				
Washington, D. C.....	44½	.7500	44½	.7500
<i>North Central.</i>				
Chicago, Ill.....	44	1.2500	44	1.2500
Cincinnati, Ohio.....	45	.7000	45	.7000
Detroit, Mich.....	48	.7500	48	.7500
St. Louis, Mo.....	44	1.0000	44	1.0000
<i>Western.</i>				
Denver, Colo.....	44	1.0000	44	1.0000
Seattle, Wash.....	44	.8750	44	.8750

**BUILDING LABORERS.**

<i>North Atlantic.</i>				
Boston, Mass.: Excavating.....	44	\$0.3000	44	\$0.3000
Buffalo, N. Y.:				
Italian union.....	48	.2250	48	.2250
Polish union.....	48		48	.2250
New York, N. Y.....	48	.2250	48	.2250
Pittsburgh, Pa.: Building and excavating.....	48	.2500	48	.2500
Providence, R. I.: Concrete mixers and barrow men.....	50	.2500	50	.2500
Providence, R. I.: Excavating.....	50	.2250	50	.2250
Scranton, Pa.:				
Excavating.....	54	.2000	54	.2250
Concrete mixing, building wrecking, etc.....	54	.2250	54	.2250
<i>North Central.</i>				
Chicago, Ill.:				
Excavators and wheelbarrow men.....	44	.3750	44	.4000
Tunnel, well, and caisson work.....	44	.5250	44	.5750
Tunnel, well, and caisson work (nigger-heads).....	44	.4750	44	.5000
Cincinnati, Ohio.....	60	.2000	60	.2000
Indianapolis, Ind.....	48		54	.2500
Kansas City, Mo.: Building work.....	48	.2500	48	.2750
Kansas City, Mo.: Plumbing work.....	48	.3000	44	.3000
Milwaukee, Wis.....	48	.3250	48	.3250
St. Louis, Mo.: Building work.....	44	.2500	44	.2500
St. Louis, Mo.: Plumbers' laborers.....	44	.3750	44	.3750

1 48 hours, January to April and October to December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## BUILDING LABORERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Dallas, Tex.: Excavating.....	44	\$. 2500	44	\$. 2500
Louisville, Ky.....			48	. 2188
<i>Western.</i>				
Los Angeles, Cal.....	44	. 3438	44	. 3438
San Francisco, Cal.: Building work.....	54	. 2778	54	. 2778
Side sewer work.....	48	. 5000	48	. 5000
Seattle, Wash.....	44	. 3125	44	. 3750

## CARPENTERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$. 4775	44	\$. 5000
Buffalo, N. Y.....	48	. 5000	48	. 5000
Fall River, Mass.....	48	. 4200	48	. 4200
Manchester, N. H.....	48	. 3125	48	. 4000
Newark, N. J.....	44	. 5000	44	. 5000
New Haven, Conn.....	44	. 4500	44	. 4750
New York, N. Y.: Manhattan.....	44	. 6250	44	. 6250
Richmond.....	44	. 5000	44	. 5000
Brooklyn, Bronx, and Queens.....	44	. 5625	44	. 5625
Philadelphia, Pa.....	44	. 5000	44	. 5000
Pittsburgh, Pa.....	44	. 5000	44	. 5500
Providence, R. I.....	44	. 4500	44	. 5000
Seranton, Pa.....	48	. 4250	48	. 4250
<i>South Atlantic.</i>				
Atlanta, Ga.....	54	. 3500	50	. 4000
Baltimore, Md.....	48	. 4375	48	. 4375
Charleston, S. C.....	53	. 3396	53	. 3396
Jacksonville, Fla.....	48	. 3125	48	. 3125
Richmond, Va.....	48	. 3750	48	. 3750
Washington, D. C.....	44½	. 5000	44½	. 5000
<i>North Central.</i>				
Chicago, Ill.....	44	. 6500	44	. 6500
Cincinnati, Ohio.....	44½	. 5000	44½	. 5000
Cleveland, Ohio.....	48	. 4500	48	. 5000
Detroit, Mich.....	48	. 5000	48	. 5000
Indianapolis, Ind.....	44½	. 4500	44½	. 5000
Kansas City, Mo.....	44	. 5500	44	. 5500
Milwaukee, Wis.....	44	. 4500	44	. 5000
Minneapolis, Minn.....	48	. 5000	48	. 5000
Omaha, Nebr.....	44	. 5000	44	. 5000
St. Louis, Mo.....	44	. 6250	44	. 6250
St. Paul, Minn.....	48	. 4500	48	. 5000
<i>South Central.</i>				
Birmingham, Ala.....	48	. 4500	48	. 5250
Dallas, Tex.....	44	. 5000	44	. 5500
Little Rock, Ark.....	48	. 5000	48	. 5000
Louisville, Ky.....	44	. 4500	44	. 4500
Memphis, Tenn.....	44	. 5000	44	. 5000
New Orleans, La.....	48	. 4000	48	. 4000
<i>Western.</i>				
Denver, Colo.....	44	. 6000	44	. 6000
Los Angeles, Cal.....	48	. 5000	48	. 5000
Portland, Oreg.....	48	. 5000	44	. 5000
Salt Lake City, Utah.....	44	. 6250	44	. 6250
San Francisco, Cal.....	44	. 6250	44	. 6250
Seattle, Wash.....	44	. 5625	44	. 5625

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

**BUILDING TRADES—Continued.**
**CARPENTERS: Stair builders.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Washington, D. C.....	44½	\$0.5625	44½	\$0.5625
<i>North Central.</i>				
Chicago, Ill.....	44	.6500	44	.6500
Cincinnati, Ohio.....	44½	.5250	44½	.5250
Indianapolis, Ind.....	44½	.4500	44½	.5000
Omaha, Nebr.....	44	.5000	44	.5000
<i>South Central.</i>				
Dallas, Tex.....	44	.6250	44	.6750
Memphis, Tenn.....	44	.5000	44	.5000
<i>Western.</i>				
Portland, Oreg.....			54	.5500
San Francisco, Cal.....	44	.6875	44	.6875

**CEMENT WORKERS: Finishers.**

<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.6000	48	\$0.6250
Buffalo, N. Y.....	48	.4500	48	.5000
Newark, N. J.....	44	.6250	44	.6250
New York, N. Y.....	44	.6250	44	.6250
Philadelphia, Pa.....	49½	.4500	49½	.4500
<i>North Central.</i>				
Chicago, Ill.....	44	.6250	44	.6500
Cincinnati, Ohio.....	48	.5000	45	.5000
Cleveland, Ohio <sup>1</sup> .....	48	.6000	48	.6000
Cleveland, Ohio.....	48	.5900	48	.5000
Detroit, Mich.....	60	.4000	54	.5000
Indianapolis, Ind.....	54	.5000	48	.5000
Kansas City, Mo.....	44	.5625	44	.6250
Milwaukee, Wis.....	48	.4500	48	.4500
St. Louis, Mo.....	44	.6250	44	.6250
St. Paul, Minn.....	48	.4500	48	.5000
<i>South Central.</i>				
Birmingham, Ala.....			48	.5000
Dallas, Tex.....	48	.5000	48	.5000
Little Rock, Ark.....	54	.5556	54	.5556
Louisville, Ky.....	60	.4000	60	.4500
Memphis, Tenn.....	48	.5000	48	.5000
<i>Western.</i>				
Denver, Colo.....	44	.6875	44	.6875
Los Angeles, Cal.....	48	.6250	48	.6250
Portland, Oreg.....	48	.6250	48	.6250
Salt Lake City, Utah.....			48	.6250
San Francisco, Cal.....	44	.7500	44	.7500
Seattle, Wash.....	48	.6250	48	.6250

<sup>1</sup> Rock asphalt and glass lights and sidewalks laid in cement composition work.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## CEMENT WORKERS' HELPERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.3750	48	\$0.4500
Newark, N. J.....	44	.3500	44	.3500
New York, N. Y.....	44	.3750	44	.3750
Philadelphia, Pa.....	49½	.3000	49½	.3000
<i>North Central.</i>				
Chicago, Ill.....	44	.4750	44	.5000
Cincinnati, Ohio.....	48	.3000	45	.3000
Cleveland, Ohio.....	48	.3000	48	.3500
Kansas City, Mo.....	44	.4000	44	.5000
Milwaukee, Wis.....	48	.3500	48	.3500
St. Louis, Mo.....	44	.4500	44	.5000
<i>South Central.</i>				
Birmingham, Ala.....			48	.3500
Dallas, Tex.....	48	.3500	48	.3500
Little Rock, Ark.....	54	.2500	54	.3000
Louisville, Ky.....			60	.2500
Memphis, Tenn.....	48	.3000	48	.3000
<i>Western.</i>				
Portland, Oreg.....	48	.4375	48	.4375
San Francisco, Cal.....	44	.6250	44	.6250
Seattle, Wash.....	48	.4375	48	.4375

## CEMENT WORKERS' LABORERS.

<i>North Atlantic.</i>				
Boston, Mass.....			44	\$0.3500
<i>North Central.</i>				
Chicago, Ill.....	44	\$0.3750	44	.4000
Cincinnati, Ohio.....			45	.2500
Cleveland, Ohio: Mixers.....	48	.2500	48	.2500
Milwaukee, Wis.....	48	.2750	48	.3000
St. Louis, Mo.....	44	.4000	44	.4000
<i>South Central.</i>				
Dallas, Tex.....	48	.2500	48	.2500
<i>Western.</i>				
Denver, Colo.....	44	.3750	44	.3750
Los Angeles, Cal.....	48	.3750	48	.3750
Portland, Oreg.....	48	.3438	48	.3438
San Francisco, Cal.....	44	.5000	44	.5000



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## ENGINEERS: Hoisting and portable.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass. ....	44	\$0. 5455	44	\$0. 5682
Buffalo, N. Y.:				
Hoist .....	48	. 5000	48	. 5000
Boom derrick .....	48	. 5625	48	. 5625
Newark, N. J. ....	44	. 6875	44	. 6875
New Haven, Conn. ....	44	. 5000	44	. 5000
New York, N. Y. ....	44	. 6591	44	. 6875
Philadelphia, Pa. ....	44	. 5000	44	. 5625
Pittsburgh, Pa. ....	48	. 5625	48	. 5625
Providence, R. I. ....	44	. 5000	44	. 5000
Scranton, Pa.:				
Hoist .....	48	. 5000	48	. 5000
Boom derrick .....	48	. 5625	48	. 5625
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Boom derrick .....	54	. 5500	49½	. 7250
Hoist .....	54	. 4000	49½	. 4500
Baltimore, Md. ....	48	. 4375	48	. 4375
Richmond, Va. ....	48	. 4375	48	. 4375
Washington, D. C. ....	48	. 6250	44	. 6250
<i>North Central.</i>				
Chicago, Ill. ....	44	. 7250	44	. 7500
Cincinnati, Ohio:				
Boom derrick .....	60	. 5000	44	. 6250
Hoist .....	60	. 5000	44	. 6250
Cleveland, Ohio:				
Boom derrick .....	48	. 6000	48	. 6000
Hoist .....	48	. 5000	48	. 5000
Detroit, Mich. ....	60	. 5000	60	. 5000
Indianapolis, Ind. ....	48	. 6000	45	. 6000
Kansas City, Mo. ....	48	. 7000	48	. 7000
Milwaukee, Wis. ....	1 48	. 6250	2 44	. 6250
Minneapolis, Minn. ....	54	. 5000	54	. 5500
Omaha, Nebr. ....	44	. 5625	44	. 5625
St. Louis, Mo. (2 engines) .....	44	. 8750	44	. 8750
St. Louis, Mo. ....	44	. 7500	44	. 7500
St. Paul, Minn. ....	60	. 5000	54	. 5500
<i>South Central.</i>				
Birmingham, Ala.:				
Hoist .....	48	. 5000	48	. 5625
Boom derrick .....	48	. 5000	48	. 6250
Dallas, Tex.:				
Hoist .....	48	. 5000	48	. 5625
Boom derrick .....	48	. 5000	48	. 6250
Little Rock, Ark.:				
Hoist .....	54	. 5000	54	. 5000
Boom derrick .....	54	. 6250	54	. 6250
Louisville, Ky. ....	48	. 5000	48	. 5625
Memphis, Tenn. ....	44	. 5625	44	. 6000
New Orleans, La. ....	48	. 5000	48	. 5000
<i>Western.</i>				
Denver, Colo.:				
Boom derrick .....	44	. 6250	44	. 6250
Hoist .....	44	. 5625	44	. 5625
Los Angeles, Cal. ....	48	. 5000	48	. 5000
Portland, Oreg. ....	48	. 6250	48	. 6250
Salt Lake City, Utah. ....	44	. 5625	44	. 6250
San Francisco, Cal. ....	48	. 7500	48	. 7500
Seattle, Wash. ....	44	. 6250	44	. 6250

1 44 hours in June, July, August and September.

2 48 hours, January to April and November and December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## HOD CARRIERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass. ....	44	\$0.3500	44	\$0.3500
Buffalo, N. Y.:				
Italian union.....	48	.2500	48	.2500
Polish union.....			48	.2500
Newark, N. J. ....	44	.3500	44	.3500
New Haven, Conn. ....	44	.2800	44	.2800
New York, N. Y. ....	44	.3750	44	.3750
Philadelphia, Pa.:				
Hod carriers, mortar mixers, and scaffold builders.....	44	.3500	44	.3500
Wheelbarrow men.....	44	.2500	44	.2500
Pittsburgh, Pa. ....	44	.3750	44	.3750
Providence, R. I.:				
Brick carriers and pilers.....	50	.2813	50	.2813
Mortar mixers and carriers.....	50	.3000	50	.3000
Scranton, Pa. ....	48	.2500	48	.3000
<i>South Atlantic.</i>				
Baltimore, Md. ....	1 45	.3125	1 45	.3125
Washington, D. C.:				
Brick and mortar men.....	44½	.2813	44½	.2813
Wheelbarrow men.....	44½	.2313	44½	.2313
<i>North Central.</i>				
Chicago, Ill. ....	44	.4500	44	.4800
Cincinnati, Ohio.....	45	.4250	45	.4250
Cleveland, Ohio:				
English.....	48	.2813	48	.3125
Hebrew.....	48	.3000	48	.3125
Detroit, Mich. ....	48	.3500	48	.3500
Indianapolis, Ind.:				
Brick men.....	44	.3500	44	.4000
Mortar men.....	44	.3500	44	.4250
Kansas City, Mo. ....	44	.3750	44	.3750
Milwaukee, Wis. ....	48	.3250	48	.3250
St. Louis, Mo.:				
Brick men.....	44	.4200	44	.4200
Mortar men.....	44	.4500	44	.4500
<i>South Central.</i>				
Dallas, Tex.:				
Brick men.....	44	.2500	44	.2500
Mortar men.....	44	.2813	44	.2813
Louisville, Ky.:				
Mortar men.....	48	.3800	48	.3800
Plasterers' laborers, brick men.....	48	.3800	48	.3800
Wheelers and pilers.....	48	.3500	48	.3500
Memphis, Tenn. ....	44	.3000	44	.3000
<i>Western.</i>				
Denver, Colo.:				
Brick men.....	44	.3750	44	.3750
Mortar men.....	44	.4063	44	.4063
Los Angeles, Cal. ....	44	.4063	44	.4063
Portland, Oreg.:				
Mortar mixers and plasterers' helpers.....	48	.5000	48	.5000
Wheelers.....	48	.3750	48	.3750
Salt Lake City, Utah:				
Brick men.....	44	.4375	44	.4375
Mortar men.....	44	.5000	44	.5000
Wheelbarrow men.....	44	.3750	44	.3750
San Francisco, Cal. ....	44	.5000	44	.5000
Seattle, Wash. ....	44	.4375	44	.4375

1 44 hours, January to March and November and December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## INSIDE WIREMEN.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.5500	44	\$0.5500
Buffalo, N. Y.....	48	.4000	48	.4500
Fall River, Mass.....	48	.3750	48	.3750
Manchester, N. H.....	48	.3125	48	.3125
Newark, N. J.....	44	.5625	44	.5625
New York, N. Y.....	44	.5625	44	.5625
Philadelphia, Pa.....	44	.4500	44	.4500
Pittsburgh, Pa.....	48	.5000	48	.5750
Providence, R. I.....	44	.4375	44	.4375
Scranton, Pa.....	48	.4688	48	.4688
<i>South Atlantic.</i>				
Atlanta, Ga.....	54	.3889	54	.4444
Baltimore, Md.....	48	.4375	48	.4375
Charleston, S. C.....			54	.3333
Jacksonville, Fla.....	48	.3125	48	.4500
Richmond, Va.....	48	.3750	48	.4375
Washington, D. C.....	44	.5000	44	.5500
<i>North Central.</i>				
Chicago, Ill.....	44	.7500	44	.7500
Cincinnati, Ohio.....	44½	.4500	44½	.5000
Cleveland, Ohio.....	48	.5750	48	.5750
Detroit, Mich.....	48	.4688	48	.4688
Indianapolis, Ind.....	48	.4500	48	.4750
Kansas City, Mo.....	44	.5625	44	.6250
Milwaukee, Wis.....	44	.4500	44	.4500
Minneapolis, Minn.....	48	.5000	48	.5000
Omaha, Nebr.....	44	.5000	44	.5000
St. Louis, Mo.....	44	.6500	44	.6500
St. Paul, Minn.....	44	.4375	44	.4688
<i>South Central.</i>				
Birmingham, Ala.....	44	.5625	44	.6250
Dallas, Tex.....	48	.5000	44	.5625
Little Rock, Ark.....	48	.4500	48	.5000
Louisville, Ky.....	48	.4375	48	.4000
Memphis, Tenn.....	48	.4500	48	.4500
New Orleans, La.....	48	.4500	48	.4500
<i>Western.</i>				
Denver, Colo.....	44	.5625	44	.5625
Los Angeles, Cal.....	48	.4375	48	.5000
Portland, Oreg.....	44	.5625	44	.5625
Salt Lake City, Utah.....	44	.5625	44	.5625
San Francisco, Cal.....	44	.6250	44	.6250
Seattle, Wash.....	44	.6250	44	.6250

## INSIDE WIREMEN'S HELPERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.3000	44	\$0.3000
Fall River, Mass.....	48	.1875	48	.1875
Newark, N. J.....	44	.3125	44	.3125
New York, N. Y.....	44	.2750	44	.2750
Philadelphia, Pa.....	48	.2500	44	.2500
Pittsburgh, Pa.....	48	.2500	48	.2500
Providence, R. I.....	44	.2738	44	.2738
Scranton, Pa.....	48	.3125	48	.3125

1 44 hours, June to September.

2 48 hours, October to May.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## INSIDE WIREMEN'S HELPERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga. ....	54	\$0.2222	54	\$0.2222
Baltimore, Md. ....	48	.1875	48	.1875
Charleston, S. C. ....			54	.1667
Richmond, Va. ....	48	.1563	48	.1875
Washington, D. C.: Third year .....	44	.3750	44	.4375
Second year .....	44	.3125	44	.3125
<i>North Central.</i>				
Cincinnati, Ohio: Fourth year helper .....	44½	.3500	44½	.4060
Third year helper .....	44½	.3200	44½	.3700
Cleveland, Ohio. ....	48	.2500	48	.2500
Detroit, Mich. ....	48	.2813	48	.2813
Kansas City, Mo. ....	44	.2500	44	.2500
Milwaukee, Wis. ....	44	.2500	44	.2500
Minneapolis, Minn. ....	48	.3750	48	.3750
Omaha, Nebr. ....	44	.2500	44	.2500
St. Louis, Mo. ....	44	.1875	44	.1875
St. Paul, Minn. ....			44	.4000
<i>South Central.</i>				
Dallas, Tex. ....	48	.2500	44	.2500
Little Rock, Ark. ....	48	.2500	48	.2500
Louisville, Ky. ....	48	.2813	48	.2813
Memphis, Tenn. ....	48	.1875	48	.1875
New Orleans, La. ....	48	.2000	48	.2000
<i>Western.</i>				
Portland, Oreg. ....	44	.3438	44	.3438
Salt Lake City, Utah. ....	44	.3438	44	.3438
San Francisco, Cal. ....	44	.1875	44	.1875
Seattle, Wash. ....	44	.3750	44	.3750

## INSIDE WIREMEN: Fixture hangers.

<i>North Atlantic.</i>				
Boston, Mass. ....	48	\$0.5000	48	\$0.5000
Buffalo, N. Y. ....	48	.4500	48	.4500
Newark, N. J. ....	44	.4688	44	.4688
<i>North Central.</i>				
Chicago, Ill. ....	48	.6250	44	.6875
Cleveland, Ohio. ....	54	.3056	54	.3750
Indianapolis, Ind. ....	48	.4000	48	.4250
Kansas City, Mo. ....	48	.5000	48	.5000
Minneapolis, Minn. ....	48	.4500	48	.4500
St. Louis, Mo. ....	44	.5625	44	.5625
St. Paul, Minn. ....	44	.4375	44	.4688
<i>South Central.</i>				
Dallas, Tex. ....			44	.5000
<i>Western.</i>				
Los Angeles, Cal. ....	48	.4375	48	.5000
Portland, Oreg.: Union A. ....	44	.5625	44	.5625
Union B. ....	44	.5000	44	.5000
San Francisco, Cal. ....	44	.5625	44	.5625
Seattle, Wash. ....	44	.5000	44	.5000

1 48 hours, October to May.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## LATHERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.5500	48	\$0.6000
Pittsburgh, Pa.....	44	.6250	44	.6250
<i>North Central.</i>				
Chicago, Ill.....	44	.7188	44	.7188
Kansas City, Mo.:				
Metal.....	44	.5625	44	.6250
Wood.....	44	.4375	44	.4375
Milwaukee, Wis.....	44	.5313	44	.5313
Minneapolis, Minn.....	48	.5000	48	.5000
Omaha, Nebr.:				
Metal.....	44	.6250	44	.6250
Wood.....	44	.4063	44	.4063
St. Paul, Minn.....	48	.4563	48	.4563
<i>South Central.</i>				
Dallas, Tex.:				
Metal.....	48	.6250	48	.6250
Wood.....	48	.3750	48	.3750

## MARBLE SETTERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.5000	44	\$0.5625
Buffalo, N. Y.....	48	.5625	48	.6250
Newark, N. J.....	44	.6250	44	.6875
New York, N. Y.....	44	.6250	44	.6875
Philadelphia, Pa.....	44	.6000	44	.6000
Pittsburgh, Pa.....	48	.6250	48	.6250
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.6250	48	.6250
Baltimore, Md.....	48	.6250	48	.6250
Washington, D. C.....	44	.6250	44	.6250
<i>North Central.</i>				
Chicago, Ill.....	44	.6875	44	.6875
Cincinnati, Ohio.....	44	.6250	44	.6250
Cleveland, Ohio.....	44	.6250	44	.6250
Detroit, Mich.....	44	.6250	44	.6250
Indianapolis, Ind.....	44	.6250	44	.6250
Kansas City, Mo.....	44	.6875	44	.6875
Milwaukee, Wis.....	44	.5625	44	.6250
Minneapolis, Minn.....	48	.5625	48	.5625
St. Louis, Mo.....	44	.6250	44	.6250
St. Paul, Minn.....	48	.5625	48	.5625
<i>South Central.</i>				
Dallas, Tex.....	44	.6250	44	.7500
New Orleans, La.....	48	.6250	48	.6250
<i>Western.</i>				
Denver, Colo.....	44	.6250	44	.6875
Los Angeles, Cal.....	44	.6250	44	.6250
Portland, Oreg.....	48	.6250	48	.6875
San Francisco, Cal.....	44	.6250	44	.6250
Seattle, Wash.....	44	.6250	44	.6250

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## MARBLE SETTERS' HELPERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.3000	44	\$0.3000
Newark, N. J.....	44	.3750	44	.4063
New York, N. Y.....	44	.3750	44	.4063
Philadelphia, Pa.....	44	.3000	44	.3000
Pittsburgh, Pa.....	48	.3750	48	.3750
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.2500	48	.2500
Baltimore, Md.....	48	.2813	48	.3125
Washington, D. C.....	44	.3438	44	.3438
<i>North Central.</i>				
Chicago, Ill.....	44	.4063	44	.4063
Cincinnati, Ohio.....	44	.3125	44	.3125
Cleveland, Ohio.....	44	.3750	44	.3750
Detroit, Mich.....	44	.3438	44	.3438
Indianapolis, Ind.....	44	.3125	44	.3438
Kansas City, Mo.....	44	.3500	44	.3750
Milwaukee, Wis.....	44	.2813	44	.3750
Minneapolis, Minn.....	48	.3125	48	.3125
St. Louis, Mo.....	44	.3438	44	.3438
St. Paul, Minn.....	48	.3125	48	.3125
<i>South Central.</i>				
Dallas, Tex.....	44	.3125	44	.3750
New Orleans, La.....	48	.2500	48	.2500
<i>Western.</i>				
Denver, Colo.....	44	.3750	44	.3750
Los Angeles, Cal.....	44	.2813	44	.3750
Portland, Oreg.....	48	.3750	48	.3750
San Francisco, Cal.....	44	.3750	44	.3750
Seattle, Wash.....	44	.3750	44	.3750

## PAINTERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Union A.....	44	\$0.4550	44	\$0.5000
Union B.....	44	.5000	44	.5000
Buffalo, N. Y.....	48	.4375	48	.4375
Fall River, Mass.....	44	.3750	44	.4100
Newark, N. J.....	44	.4400	44	.4400
New Haven, Conn.....	44	.4091	44	.4091
New York, N. Y.....	44	.5000	44	.5000
Philadelphia, Pa.....	44	.4250	44	.4250
Pittsburgh, Pa.....	44	.5250	44	.5500
Providence, R. I.....	44	.4091	44	.4545
Scranton, Pa.....	48	.4000	48	.4000
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	.3396	53	.3396
Baltimore, Md.....	48	.3750	48	.3750
Charleston, S. C.....	48	.2500	48	.2500
Jacksonville, Fla.....	48	.3750	48	.3750
Richmond, Va.....	54	.2778	48	.3750
Washington, D. C.....	44	.4688	44	.5000

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## PAINTERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central.</i>				
Chicago, Ill.:				
Union A.....	44	\$0.6000	44	\$0.6500
Union B.....			44	.5000
Cincinnati, Ohio.....	44	.4500	44	.5000
Cleveland, Ohio.....	48	.4500	44	.5000
Detroit, Mich.....	48	.4000	48	.4500
Indianapolis, Ind.....	48	.4250	48	.4750
Kansas City, Mo.....	44	.5000	44	.6000
Milwaukee, Wis.....	44	.5000	44	.5000
Minneapolis, Minn.....	48	.4500	44	.5000
Omaha, Nebr.....	44	.5000	44	.5000
St. Louis, Mo.....	44	.5500	44	.5750
St. Paul, Minn.....	48	.4500	44	.5000
<i>South Central.</i>				
Birmingham, Ala.....	48	.4500	48	.4500
Dallas, Tex.....	48	.4375	44	.5000
Little Rock, Ark.....	48	.4375	48	.5000
Louisville, Ky.....	48	.4250	48	.4500
Memphis, Tenn.....	44	.5000	44	.5000
New Orleans, La.....	48	.4000	48	.4000
<i>Western.</i>				
Denver, Colo.....	44	.5000	44	.5000
Los Angeles, Cal.....	48	.4375	48	.4375
Portland, Oreg.....	48	.5000	48	.5000
Salt Lake City, Utah.....	44	.5625	44	.6250
San Francisco, Cal.....	44	.5625	44	.5625
Seattle, Wash.....	44	.5625	44	.5625

## PAINTERS: Fresco.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.5500	44	\$0.5500
New Haven, Conn.....	44	.5000	44	.5000
New York, N. Y.....	44	.5625	44	.5625
Philadelphia, Pa.....	44	.4775	44	.4775
<i>South Atlantic.</i>				
Charleston, S. C.....	48	.5000	48	.5000
<i>North Central.</i>				
Chicago, Ill.:				
Union A.....	44	.6000	44	.6500
Union B.....			44	.6250
Cincinnati, Ohio.....	44	.5000	44	.5000
Cleveland, Ohio.....	48	.6500	44	.7000
Indianapolis, Ind.....	48	.4250	48	.4750
Kansas City, Mo.....	41	.5000	44	.6000
Milwaukee, Wis.....	44	.5000	44	.5000
Minneapolis, Minn.....	48	.4500	44	.5000
Omaha, Nebr.....	44	.5000	44	.5000
St. Paul, Minn.....	48	.4500	44	.5000
<i>South Central.</i>				
Louisville, Ky.....	48	.6500	48	.6500
<i>Western.</i>				
Salt Lake City, Utah.....	44	.6250	44	.6250

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## PLASTERERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0. 6500	44	\$0. 6500
Buffalo, N. Y.....	48	. 5500	48	. 6000
Fall River, Mass.....	48	. 5500	48	. 5500
Manchester, N. H.....	<sup>1</sup> 48	. 4375	<sup>1</sup> 48	. 5000
Newark, N. J.....	44	. 6500	44	. 6500
New Haven, Conn.....	44	. 6000	44	. 6000
New York, N. Y.....	44	. 6875	44	. 6875
Philadelphia, Pa.....	44	. 6250	44	. 6250
Pittsburgh, Pa.....	44	. 6250	44	. 6250
Providence, R. I.....	44	. 6000	44	. 6250
Scranton, Pa.....	44	. 5000	44	. 5500
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	. 4500	53	. 4500
Baltimore, Md.....	44	. 6250	44	. 6250
Charleston, S. C.....	53	. 4075	53	. 4075
Jacksonville, Fla.....	48	. 5625	48	. 5625
Richmond, Va.....	48	. 3750	48	. 3750
Washington, D. C.....	44	. 6250	44	. 6250
<i>North Central.</i>				
Chicago, Ill.....	44	. 7500	44	. 7500
Cincinnati, Ohio.....	44 <sup>1</sup>	. 6250	44 <sup>1</sup>	. 6875
Cleveland, Ohio.....	44	. 6250	44	. 6250
Detroit, Mich.....	44	. 6250	44	. 6800
Indianapolis, Ind.....	44 <sup>1</sup>	. 6250	44 <sup>1</sup>	. 6250
Kansas City, Mo.....	44	. 7500	44	. 7500
Milwaukee, Wis.....	44	. 6500	44	. 6500
Minneapolis, Minn.....	44	. 7000	44	. 7000
Omaha, Nebr.....	44	. 7500	44	. 7500
St. Louis, Mo.....	44	. 7500	44	. 7500
St. Paul, Minn.....	44	. 6250	44	. 6250
<i>South Central.</i>				
Birmingham, Ala.....	44	. 6250	44	. 6250
Dallas, Tex.....	44	. 7500	44	. 7500
Little Rock, Ark.....	44	. 7500	44	. 7500
Louisville, Ky.....	44	. 6500	44	. 6500
Memphis, Tenn.....	44	. 7500	44	. 7500
New Orleans, La.....	48	. 6250	48	. 6250
<i>Western.</i>				
Denver, Colo.....	44	. 6875	44	. 7500
Los Angeles, Cal.....	44	. 6875	44	. 7500
Portland, Oreg.....	44	. 7500	44	. 7500
Salt Lake City, Utah.....	44	. 7500	44	. 7500
San Francisco, Cal.....	44	. 8750	44	. 8750
Seattle, Wash.....	44	. 7500	44	. 7500

## PLASTERERS' LABORERS.

<i>North Atlantic.</i>				
Boston, Mass:				
English union.....	44	\$0. 4000	44	\$0. 4150
Italian union.....	44	. 4000	44	. 4000
New York, N. Y.....	44	. 4063	44	. 4063
Philadelphia, Pa.....	44	. 4375	44	. 4375
<i>South Atlantic.</i>				
Washington, D. C.....	44	. 2813	44	. 3125

<sup>1</sup> 44 hours, June to September.



**TABLE II.**—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

**BUILDING TRADES—Continued.**
**PLASTERERS' LABORERS—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central.</i>				
Chicago, Ill. ....	44	\$0. 4500	44	\$0. 4800
Cincinnati, Ohio .....	45	. 4500	45	. 4500
Cleveland, Ohio: Helpers .....	48	. 3000	48	. 3500
Detroit, Mich. ....	44	. 3750	44	. 3750
Kansas City, Mo. ....	44	. 3750	44	. 3750
Minneapolis, Minn.: Tenders .....	44	. 4063	44	. 4063
Omaha, Nebr. ....	44	. 3500	44	. 3500
St. Louis, Mo. ....	44	. 5625	44	. 5625
<i>South Central.</i>				
Birmingham, Ala. ....	44	. 2500	44	. 2500
Dallas, Tex. ....	44	. 3000	44	. 3000
Little Rock, Ark. ....	44	. 2500	44	. 2500
Louisville, Ky. <sup>1</sup> .....	44	. 3250	44	. 3250
Memphis, Tenn. ....	48	. 3250	48	. 3250
New Orleans, La. ....	48	. 3250	48	. 3250
<i>Western.</i>				
Denver, Colo. ....	44	. 4375	44	. 4375
Los Angeles, Cal. ....	44	. 5625	44	. 5625
Portland, Oreg. ....	48	. 5000	48	. 5000
Salt Lake City, Utah. ....	44	. 5625	44	. 5625
San Francisco, Cal. ....	44	. 6250	44	. 6250
Seattle, Wash. ....	44	. 5000	44	. 5000

**PLUMBERS AND GAS FITTERS.**

<i>North Atlantic.</i>				
Boston, Mass.:				
Gas fitters. ....	44	\$0. 5000	44	\$0. 5000
Plumbers. ....	44	. 6000	44	. 6000
Buffalo, N. Y. ....	48	. 5000	48	. 5625
Fall River, Mass. ....	48	. 4375	48	. 4375
Manchester, N. H. ....	48	. 3125	48	. 3125
Newark, N. J. ....	44	. 5625	44	. 6250
New Haven, Conn. ....	44	. 5450	44	. 5450
New York, N. Y.:				
Manhattan, Bronx, and Brooklyn. ....	44	. 6875	44	. 6875
Queens. ....	44	. 6250	44	. 6250
Richmond. ....	44	. 5313	44	. 5313
Philadelphia, Pa.:				
Union A. ....	44	. 5000	44	. 5000
Union B. ....	44	. 4375	44	. 4375
Pittsburgh, Pa. ....	48	. 6250	44	. 6250
Providence, R. I. ....	44	. 5000	44	. 5625
Scranton, Pa. ....	48	. 4688	48	. 5000
<i>South Atlantic.</i>				
Atlanta, Ga. ....	53	. 4528	53	. 4528
Baltimore, Md. ....	48	. 5000	48	. 5000
Jacksonville, Fla. ....	48	. 6250	48	. 6250
Richmond, Va. ....	48	. 4688	48	. 5000
Washington, D. C. ....	48	. 5000	48	. 5000
<i>North Central.</i>				
Chicago, Ill. ....	44	. 6875	44	. 7500
Cincinnati, Ohio. ....	44 <sup>1</sup>	. 5625	44 <sup>1</sup>	. 6250
Cleveland, Ohio. ....	44	. 6250	44	. 6250
Detroit, Mich. ....	48	. 5000	48	. 5625
Indianapolis, Ind. ....	44	. 5625	44	. 6250
Kansas City, Mo. ....	48	. 6250	48	. 6250
Milwaukee, Wis. ....	44	. 5625	44	. 6250
Minneapolis, Minn. ....	48	. 5628	48	. 5625
Omaha, Nebr. ....	44	. 6825	44	. 6825
St. Louis, Mo. ....	44	. 6625	44	. 6625
St. Paul, Minn. ....	44	. 6250	44	. 6250

<sup>1</sup> See Hod carriers.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## PLUMBERS AND GAS FITTERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.....	44	\$0.6875	44	\$0.6875
Dallas, Tex.....	44	.6875	44	.6875
Little Rock, Ark.....	48	.5625	48	.5625
Louisville, Ky.....	48	.5000	44	.6000
Memphis, Tenn.....	48	.6250	48	.6250
New Orleans, La.....	48	.5625	48	.5625
<i>Western.</i>				
Denver, Colo.....	44	.6250	44	.6250
Los Angeles, Cal.....	48	.5625	48	.5625
Portland, Ore.....	44	.7500	44	.7500
Salt Lake City, Utah.....	44	.7000	44	.7500
San Francisco, Cal.....	44	.7500	44	.7500
Seattle, Wash.....	41	.8125	44	.8125

## SHEET-METAL WORKERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Railroad shops, road A.....	54	\$0.2750	54	\$0.2950
Railroad shops, road B.....	44	.5250	44	.5500
Buffalo, N. Y.....	48	.4000	48	.4500
Manchester, N. H.....	48	.3125	48	.3438
Newark, N. J.....	44	.5500	44	.6000
New Haven, Conn.....	44	.4773	44	.4773
New York, N. Y.:				
Manhattan, Bronx, and Kings.....	44	.5938	44	1.5938
Queens.....	44	.5625	44	1.5625
Richmond.....	48	.5000	48	1.5000
Philadelphia, Pa.....	44	.5000	44	.5000
Pittsburgh, Pa.....	44	.5000	44	.5500
Providence, R. I.....	44	.4100	44	.4600
Scranton, Pa.....	48	.4375	48	.4375
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Manufacturing shops.....	53	.3306	53	.3306
Railroad shops, road A.....	54	.4000	54	.4000
Railroad shops, road B.....	54	.3800	54	.3800
Railroad shops, road C.....	54	.3600	54	.3600
Railroad shops, road D.....	54	.3500	54	.3500
Baltimore, Md.: Shopmen.....	48	.4000	48	.4000
Charleston, S. C.....			53	.1698
Jacksonville, Fla.:				
White.....	48	.3750	48	.3750
Negro.....	48	.3438	48	.3438
Railroad shops.....	54	.3500	54	.3600
Washington, D. C.....	44	.5000	44	.5000
<i>North Central.</i>				
Chicago, Ill.:				
Outside men.....	44	.6250	44	.6500
Shopmen.....	54	.4000	54	.4500
Cincinnati, Ohio.....	44	.3750	44	.4500
Cleveland, Ohio.....	48	.4250	48	.4500
Detroit, Mich.....	48	.4000	48	.4000
Indianapolis, Ind.....	48	.4500	48	.4750
Kansas City, Mo.....	44	.5000	44	.5750
Milwaukee, Wis.....	2 48	.4250	2 48	.4250
Minneapolis, Minn.....	48	.4500	48	.5000
Omaha, Nebr.....	3 44	.4250	3 44	.4250
St. Louis, Mo.....	54	.6000	44	.6000
St. Paul, Minn.....	53	.4000	48	.5000

<sup>1</sup> Scale became \$0.6250 on Aug. 7, 1913.

<sup>2</sup> 44 hours, June 15 to Sept. 15.

<sup>3</sup> 48 hours, August to December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## SHEET-METAL WORKERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.:				
Manufacturing shops.....	44	\$0.5000	44	\$0.5500
Railroad shops.....	54	.3700	54	.3800
Dallas, Tex.....	48	.5000	48	.5000
Little Rock, Ark.:				
Shopmen.....	48	.5000	48	.5000
Railroad shops, road B.....	54	.3700	53	.3863
Railroad shops, road A.....	53	.3762	53	.3914
Louisville, Ky.....	48	.3750	48	.4000
Memphis, Tenn.:				
Manufacturing shops.....	48	.4500	48	.4500
Railroad shops.....	54	.3800	54	.3800
New Orleans, La.:				
Shopmen.....	48	.3750	48	.3750
Railroad shops, road A.....	54	.4000	54	.4000
Railroad shops, road C.....	54	.4200	54	.4200
<i>Western.</i>				
Denver, Colo.....	44	.5625	44	.5625
Los Angeles, Cal.....	44	.5625	44	.5625
Portland, Oreg.....	48	.5625	44	.5625
Salt Lake City, Utah.....	44	.5750	44	.5750
San Francisco, Cal.....	44	.6875	44	.6875
Seattle, Wash.....	44	.5625	44	.5625

## STEAM FITTERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.5000	44	\$0.5000
Buffalo, N. Y.....	48	.5000	48	.5625
Manchester, N. H.....	48	.3125	48	.3125
Newark, N. J.....	44	.6500	44	.6250
New Haven, Conn.:				
Outside men.....	44	.4775	44	.5000
Railroad shops.....	53	.2925	53	.3130
New York, N. Y.....	44	.6875	44	.6875
Philadelphia, Pa.....	44	.4375	44	.5000
Pittsburgh, Pa.....	48	.5625	48	.5625
Providence, R. I.....	44	.3750	44	.4375
Scranton, Pa.....	48	.4063	48	.4688
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	.4528	53	.4528
Baltimore, Md.....	48	.5000	48	.5000
Jacksonville, Fla.....	48	.6250	48	.6250
Richmond, Va.....	48	.4688	48	.5000
Washington, D. C.....	48	.5000	48	.5000
<i>North Central.</i>				
Chicago, Ill.....	44	.7188	44	.7500
Cincinnati, Ohio.....	44 <sup>1</sup>	.5625	44 <sup>1</sup>	.5625
Cleveland, Ohio.....	43	.5625	44 <sup>1</sup>	.5625
Detroit, Mich.....	48	.5000	48	.5625
Indianapolis, Ind.....	44	.6250	44	.6250
Kansas City, Mo.....	44	.6250	44	.6250
Milwaukee, Wis.:				
Building work.....	44	.5000	44	.5625
Railroad shops.....	50	.3162	50	.3315
Minneapolis, Minn.....	48	.5625	44	.5625
Omaha, Nebr.....	44	.6325	44	.6325
St. Louis, Mo.....	44	.6375	44	.7500
St. Louis, Mo.: In breweries.....	44	.5750	44	.7500
St. Paul, Minn.....	43	.5000	43	.5000

<sup>1</sup> 48 hours, January to March and October to December.

<sup>2</sup> 54 hours, October to April.

<sup>3</sup> \$0.3100, October to April.

<sup>4</sup> \$0.3250, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## STEAM FITTERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.....	44	\$0.6875	44	\$0.6875
Dallas, Tex.....	44	.6875	44	.6875
Little Rock, Ark.....	48	.5625	48	.5625
Louisville, Ky.....	48	.5000	48	.5000
Memphis, Tenn.....	48	.6250	48	.6250
New Orleans, La.....	48	.5625	48	.5625
<i>Western.</i>				
Denver, Colo.....	44	.6250	44	.6250
Los Angeles, Cal.....	48	.5625	44	.5625
Portland, Oreg.....	44	.7500	48	.7500
Salt Lake City, Utah.....	44	.7000	44	.7500
San Francisco, Cal.....	44	.7500	44	.7500
Seattle, Wash.....	44	.8125	44	.8125

## STEAM FITTERS' HELPERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Union A.....	44	\$0.2813	44	\$0.2813
Union B.....	44	.2500	44	.2500
Newark, N. J.:				
Union A.....	44	.3000	44	.3313
Union B.....	44	.3000	44	.3125
New Haven, Conn.:				
Outside men.....	44	.2500	44	.2500
Railroad shops.....	53	.2085	53	.2230
New York, N. Y.....	44	.3750	44	.3750
Philadelphia, Pa.....	44	.2500	44	.2313
Pittsburgh, Pa.....	48	.3125	48	.3125
Providence, R. I.....	44	.2500	44	.2560
Scranton, Pa.....	48	.2500	48	.2500
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	.2264	53	.2264
Baltimore, Md.....	48	.2813	48	.2813
Washington, D. C.....	48	.2750	48	.2750
<i>North Central.</i>				
Chicago, Ill.....	44	.3750	44	.4000
Cincinnati, Ohio.....	44 <sup>1</sup>	.2900	44 <sup>1</sup>	.2900
Cleveland, Ohio.....	48	.2813	1 44	.2813
Detroit, Mich.....			48	.2500
Indianapolis, Ind.....	44	.2813	44	.3125
Kansas City, Mo.....	44	.3125	44	.3125
Milwaukee, Wis.:				
Building work.....	44	.2500	44	.2813
Railroad work.....	2 50	3 2091	2 50	4 2193
Minneapolis, Minn.....	48	.2813	44	.2813
Omaha, Nebr.....	44	.2813	44	.2813
St. Louis, Mo.....	44	.3750	44	.3750
St. Louis, Mo.: In breweries.....	44	.3250	44	.3750
St. Paul, Minn.....	48	.3000	48	.3000
<i>South Central.</i>				
Birmingham, Ala.....	44	.2188	44	.2188
Dallas, Tex.....	44	.3125	44	.3125
Louisville, Ky.....	48	.2500	48	.2500
Memphis, Tenn.....	48	.2500	48	.3125
<i>Western.</i>				
Denver, Colo.....	44	.3125	44	.3125
Portland, Oreg.....	44	.3750	44	.3750
Salt Lake City, Utah.....	44	.3125	44	.3125
San Francisco, Cal.....	44	.3750	44	.3750

<sup>1</sup> 48 hours, January to March and October to December.<sup>2</sup> 54 hours, October to April.<sup>3</sup> \$0.2050, October to April.<sup>4</sup> \$0.2150, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## STONEMASONS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.6000	44	\$0.6500
Buffalo, N. Y.....	48	.5500	48	.5500
Fall River, Mass.....	48	.5500	48	.5500
Newark, N. J.....	44	.6500	44	.6500
New Haven, Conn.....	44	.5000	44	.5500
New York, N. Y.:				
Manhattan and Bronx.....	44	.5750	44	.6000
Brooklyn, Queens, and Richmond.....	44	.4375	44	.5000
Philadelphia, Pa.....	44	.5000	44	.5000
Pittsburgh, Pa.....	44	.5500	44	.5500
Providence, R. I.:				
Cutters and setters.....	44	.6000	44	.6500
Foundation work.....	44	.5000	44	.5000
Scranton, Pa.....	48	.4500	48	.5000
<i>South Atlantic.</i>				
Atlanta, Ga.....	53	.4500	53	.4500
Baltimore, Md.....	1 45	.5625	1 45	.5625
Jacksonville, Fla.....	48	.5000	48	.6250
Washington, D. C.....	44½	.6250	44½	.6250
<i>North Central.</i>				
Chicago, Ill.....	44	.7250	44	.7500
Cincinnati, Ohio.....	45	.5400	45	.6000
Cleveland, Ohio:				
Laying dressed stone.....	48	.6500	48	.6500
Rubble work.....	48	.5000	48	.5000
Detroit, Mich.....	48	.5500	48	.6000
Indianapolis, Ind.....	44	.6500	44	.7000
Kansas City, Mo.....	44	.6250	44	.6250
Milwaukee, Wis.....	44	.6500	44	.6750
Minneapolis, Minn.....	48	.5500	48	.5500
Omaha, Nebr.....	44	.7000	44	.7000
St. Louis, Mo.....	44	.6000	44	.6000
St. Paul, Minn.....	48	.5500	48	.5500
<i>South Central.</i>				
Dallas, Tex.....	44	.7500	44	.8750
Little Rock, Ark.....	48	.6250	44	.6250
Louisville, Ky.....	48	.5500	44	.5500
New Orleans, La.....	44	.6250	44	.6250
<i>Western.</i>				
Denver, Colo.....	44	.6250	44	.6250
Los Angeles, Cal.....	48	.6250	48	.6250
Portland, Oreg.....	44	.7500	44	.7500
Salt Lake City, Utah.....	44	.6250	44	.8250
San Francisco, Cal.....	44	.8750	44	.8750

## STRUCTURAL IRON WORKERS.

<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.5625	44	\$0.6250
Buffalo, N. Y.....	48	.6000	48	.6000
Newark, N. J.....	44	.6250	44	.6250
New Haven, Conn.....	44	.5625	44	.6250
New York, N. Y.....	44	.6250	44	.6250
Philadelphia, Pa.....	44	.6000	44	.6000
Pittsburgh, Pa.....	44	.5625	44	.6250
Providence, R. I.....	44	.5625	41	.5625
Scranton, Pa.....	48	.5625	48	.5625

1 44 hours, January to March and November and December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Continued.

## STRUCTURAL IRON WORKERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	\$. 5625	44	\$. 6250
Baltimore, Md.....	48	. 5625	44	. 5625
Richmond, Va.....	48	. 5625	44	. 5625
Washington, D. C.....	44	. 5625	44	. 5625
<i>North Central.</i>				
Chicago, Ill.....	48	. 6800	48	. 6800
Cincinnati, Ohio.....	44½	. 6000	44½	. 6000
Cleveland, Ohio.....	48	. 6500	48	. 6500
Detroit, Mich.....	1 48	. 6000	1 48	. 6000
Indianapolis, Ind.....	44	. 6500	44	. 6500
Kansas City, Mo.....	44	. 6250	44	. 6250
Milwaukee, Wis.....	2 48	. 5625	2 48	. 5625
Minneapolis, Minn.....	48	. 5625	48	. 5625
Omaha, Nebr.....	3 44	. 5625	3 44	. 5875
St. Louis, Mo.....	44	. 6500	44	. 6500
St. Paul, Minn.....	48	. 5000	48	. 5625
<i>South Central.</i>				
Birmingham, Ala.....	48	. 5625	44	. 6250
Dallas, Tex.....	44	. 5625	44	. 6250
Louisville, Ky.....	48	. 5000	48	. 5000
Memphis, Tenn.....	44	. 5625	44	. 6250
New Orleans, La.....	44	. 5625	44	. 6250
<i>Western.</i>				
Denver, Colo.....	44	. 5625	44	. 5625
Portland, Oreg.....	44	. 6250	44	. 6250
Salt Lake City, Utah.....	44	. 5625	44	. 6250
San Francisco, Cal.....	44	. 6250	44	. 7500
Seattle, Wash.....	44	. 6000	44	. 6250
Seattle, Wash: Reinforced concrete.....	44	. 5000	44	. 5625

1 44 hours, June to September.  
 2 44 hours, June to October.

3 48 hours, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

**BUILDING TRADES—Continued.**

**STRUCTURAL IRON WORKERS: Finishers.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Buffalo, N. Y. ....	48	\$0.6000	48	\$0.6000
New Haven, Conn. ....	44	.5625	44	.6250
New York, N. Y. ....	44	.6250	44	.6250
Philadelphia, Pa. ....	44	.6000	44	.6000
Pittsburgh, Pa. ....	44	.5938	44	.6250
Providence, R. I. ....	44	.5625	44	.5625
<i>South Atlantic.</i>				
Atlanta, Ga. ....	48	.5625	44	.6250
<i>North Central.</i>				
Chicago, Ill: Architectural work .....	44	.6250	44	.6750
Cincinnati, Ohio. ....	44½	.5000	44½	.5000
Indianapolis, Ind. ....	44	.6500	44	.6500
Kansas City, Mo. ....	44	.6250	44	.6250
Milwaukee, Wis. ....	1 48	.5625	1 48	.5625
Minneapolis, Minn. ....	48	.5625	48	.5625
Omaha, Nebr. ....	2 44	.5625	2 44	.5875
St. Louis, Mo. ....	44	.6500	44	.6500
St. Paul, Minn. ....	48	.5000	48	.5625
<i>South Central.</i>				
New Orleans, La. ....	44	.5625	44	.6250
<i>Western.</i>				
Denver, Colo. ....	44	.5625	44	.5625
Portland, Oreg. ....	44	.6250	44	.6250
Salt Lake City, Utah. ....	44	.5625	44	.6250
San Francisco, Cal. ....	44	.6250	44	.6250
Seattle, Wash. ....	44	.6000	44	.6250

**STRUCTURAL IRON WORKERS: Finishers' helpers.**

<i>North Atlantic.</i>				
Boston, Mass. ....	44	\$0.4200	44	\$0.4500
Newark, N. J. ....	44	.4375	44	.4375
New Haven, Conn. ....	44	.3500	44	.3800
New York, N. Y. ....	44	.4375	44	.4375
Philadelphia, Pa. ....	44	.4500	44	.4500
Pittsburgh, Pa. ....	44	.4250	44	.4500
Providence, R. I. ....	44	.4800	44	.4800
<i>South Atlantic.</i>				
Atlanta, Ga. ....	48	.3000	44	.3150
Baltimore, Md. ....	48	.3125	44	.3500
Washington, D. C. ....	44	.2500	44	.2500
<i>North Central.</i>				
Cincinnati, Ohio. ....	44½	.3250	44½	.3250
Cleveland, Ohio. ....	48	.3500	48	.3500
<i>South Central.</i>				
New Orleans, La. ....	44	.3500	44	.3500
<i>Western.</i>				
Portland, Oreg. ....	44	.4167	44	.4167

<sup>1</sup> 44 hours, June to October.

<sup>2</sup> 48 hours, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## BUILDING TRADES—Concluded.

## TILE LAYERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	44	\$0.6250	44	\$0.6875
Buffalo, N. Y.....	48	.5000	48	.5625
Newark, N. J.....	44	.6250	44	.6250
New York, N. Y.....	44	.6250	44	.6875
Philadelphia, Pa.....	44	.6250	44	.6250
Pittsburgh, Pa.....	48	.6250	48	.6250
Scranton, Pa.....	48	.5000	48	.5000
<i>South Atlantic.</i>				
Baltimore, Md.....	48	.5000	48	.5000
Richmond, Va.....	48	.5000	48	.5000
Washington, D. C.....	48	.5625	48	.5625
<i>North Central.</i>				
Chicago, Ill.....	44	.7500	44	.7500
Cincinnati, Ohio.....	45½	.6250	45½	.6250
Cleveland, Ohio.....	48	.5625	48	.5938
Indianapolis, Ind.....	48	.5625	44	.6250
Kansas City, Mo.....	44	.6875	44	.7500
Milwaukee, Wis.....	44	.6250	44	.6250
Minneapolis, Minn.....	48	.6250	44	.6250
Omaha, Nebr.....	44	.6250	44	.6250
St. Louis, Mo.....	44	.6250	44	.6250
St. Paul, Minn.....	48	.6250	44	.6250
<i>South Central.</i>				
Louisville, Ky.....	48	.5000	48	.5000
Memphis, Tenn.....	48	.5625	48	.5625
<i>Western.</i>				
Denver, Colo.....	44	.6250	44	.6250
Los Angeles, Cal.....	48	.5625	48	.6250
Portland, Oreg.....	48	.6875	48	.6875
San Francisco, Cal.....	44	.7500	44	.7500
Seattle, Wash.....	48	.6250	48	.6250

## TILE LAYERS' HELPERS.

<i>North Atlantic.</i>				
Buffalo, N. Y.....			48	\$0.2188
Newark, N. J.....	44	\$0.3750	44	.3750
New York, N. Y.....	45½	.3626	45½	.3626
Philadelphia, Pa.....	44	.3750	44	.3750
Pittsburgh, Pa.....	48	.3250	48	.3250
<i>North Central.</i>				
Chicago, Ill.....	44	.4375	44	.4375
Cincinnati, Ohio.....	45½	.3250	45½	.3250
Cleveland, Ohio.....	48	.2500	48	.2813
Indianapolis, Ind.....	48	.2500	44	.3125
Kansas City, Mo.....	44	.3125	44	.3750
Milwaukee, Wis.....	44	.3438	44	.3438
Minneapolis, Minn.....	48	.2850	44	.2850
Omaha, Nebr.....	44	.3125	44	.3500
St. Louis, Mo.....	44	.3438	44	.3438
St. Paul, Minn.....	48	.2850	44	.2850
<i>Western.</i>				
Denver, Colo.....	44	.3438	44	.3438
Los Angeles, Cal.....	48	.2813	48	.3438
Portland, Oreg.....	48	.4063	48	.4063
San Francisco, Cal.....	44	.3125	44	.3125
Seattle, Wash.....	48	.4063	48	.4063



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## GRANITE AND STONE TRADES.

## GRANITE CUTTERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
Outside men.....	44	\$0.4500	44	\$0.4750
Inside men.....	44	.4438	44	.4563
Buffalo, N. Y.:				
Inside men.....	48	.4375	44	.4375
Machine men.....	48	.5313	44	.5313
Fall River, Mass.:				
Outside men.....	48	.4375	45	.4613
Inside men.....	48	.4063	45	.4300
Machine men.....	48	.4375	45	.4925
Manchester, N. H.	48	.3750	48	.4063
Newark, N. J.			44	.5000
New Haven, Conn.:				
Outside men.....	44	.4375	44	.4700
Inside men.....	44	.3750	44	.4100
New York, N. Y.:				
Outside men.....	44	.5625	44	.6250
Outside men <sup>1</sup> .....	44	.5625	44	.6875
Inside men.....	44	.5000	44	.5000
Machine men.....	44	.5625	44	.5625
Philadelphia, Pa.:				
Inside and outside men.....	44	.5000	44	.5000
Machine men.....	44	.5625	44	.5625
Pittsburgh, Pa.:				
Outside men.....	48	.5500	44	.6250
Inside men.....	48	.4375	44	.5000
Providence, R. I.:				
Outside men.....	2 45	.4063	45	.4500
Inside men.....	2 45	.3850	45	.4063
Machine men.....	2 45	.4688	45	.5000
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Inside men.....	45	.4125	45	.4125
Machine men.....	45	.4750	45	.4750
Outside men.....	45	.4750	45	.4750
Baltimore, Md.:				
Inside men.....	44	.5000	44	.5000
Outside men.....	44	.5625	44	.5625
Charleston, S. C.	48	.4063	44	.4500
Richmond, Va.	48	.4375	44	.5000
Washington, D. C.:				
Inside men.....	44	.4500	44	.4500
Machine men.....	44	.5125	44	.5125
Outside men.....	44	.5000	44	.5000
<i>North Central.</i>				
Chicago, Ill.:				
Inside men.....	48	.5625	44	.6250
Outside men.....	44	.5625	44	.6250
Cincinnati, Ohio:				
Outside men.....	48	.5000	45	.5625
Machine men.....	48	.5000	45	.5150
Cleveland, Ohio:				
Outside men.....	48	.5500	44	.5500
Surfacing machine (large).....	48	.4500	44	.5000
Surfacing machine (small).....	48	.4250	44	.4500
Inside men.....	48	.4188	44	.4188
Detroit, Mich.:				
Outside men.....	44½	.5000	44½	.5125
Machine men.....	44½	.4875	44½	.5000
Inside men.....	44½	.4375	44½	.4500
Milwaukee, Wis.:				
Outside men.....			44	.5000
Inside men.....			45	.4000
Minneapolis, Minn.:				
Outside men.....			44	.5625
Inside men.....	48	.4250	44	.4750

<sup>1</sup> Trim and fit stone cut outside of city.

<sup>2</sup> 48 hours, January to April and October to December.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## GRANITE AND STONE TRADES—Continued.

## GRANITE CUTTERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
St. Louis, Mo.:				
Inside men.....	44	\$0.5000	44	\$0.5000
Machine men.....	44	.5625	44	.6000
Outside men.....	44	.5625	44	.6000
St. Paul, Minn.: Outside men.....	48	.5000	44	.5625
<i>South Central.</i>				
Louisville, Ky.: Inside men.....	48	.4063	45	.4500
New Orleans, La.:				
Building and monumental work.....	48	.4000	48	.4500
Machine men.....	48	.4000	48	.5000
<i>Western.</i>				
Denver, Colo.....	44	.5713	44	.5713
Los Angeles, Cal.....	48	.6250	48	.6250
Portland, Oreg.....	44	.6250	44	.6250
Salt Lake City, Utah.....	44	.6250	44	.6250
San Francisco, Cal.:				
Inside men.....	44	.6250	44	.6250
Outside men.....	44	.6875	44	.6875
Seattle, Wash.:				
Inside men.....	44	.6250	44	.6250
Outside and machine men.....	44	.6875	44	.6875

## STONECUTTERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Outside men.....	44	\$0.6000	44	\$0.6500
Inside men.....	44	.5000	44	.5625
Buffalo, N. Y.....	48	.5625	48	.5625
Newark, N. J.:				
First class.....	44	.6250	44	.6875
Second class.....	44	.5625	44	.6250
Third class.....	44	.5000	44	.5625
New Haven, Conn.....	44	.5000	44	.5625
New York, N. Y.:				
First class.....	44	.6250	44	.6838
Second class.....	44	.5625	44	.5625
Third class.....	44	.5000	44	.5000
Philadelphia, Pa.....	44	.5000	44	.5000
Pittsburgh, Pa.....	44	.5000	44	.5000
Providence, R. I.....	44	.5000	48	.5000
Scranton, Pa.....	48	.5000	48	.5000
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.5000	48	.5000
Baltimore, Md.....	44½	.5000	44½	.5000
Jacksonville, Fla.....	45	.5000	45	.5000
Richmond, Va.....	48	.5000	44	.5450
Washington, D. C.....	44	.5000	44	.5400
<i>North Central.</i>				
Chicago, Ill.....	44	.6250	44	.6250
Cincinnati, Ohio.....	44½	.5625	44½	.5625
Cleveland, Ohio.....	44	.5625	44	.6000
Detroit, Mich.....	44	.5625	44	.6250
Indianapolis, Ind.....	47	.5625	44	.5625
Kansas City, Mo.....	44	.5625	44	.5625
Milwaukee, Wis.....	44	.5000	44	.5000
Minneapolis, Minn.....	44	.5625	44	.5625
Omaha, Nebr.....	44	.5500	44	.5875
St. Louis, Mo.....	44	.5625	44	.5625
St. Paul, Minn.....	44	.5625	44	.5625

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## GRANITE AND STONE TRADES—Concluded.

## STONECUTTERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.....	44	\$0. 5000	44	\$0. 5000
Dallas, Tex.....	44	. 6250	44	. 6250
Little Rock, Ark.....	44	. 5500	44	. 5500
Louisville, Ky.....	48	. 5000	48	. 5625
Memphis, Tenn.....	44	. 6500	44	. 6500
<i>Western.</i>				
Denver, Colo.....	44	. 6250	44	. 6250
Portland, Oreg.....	44	. 7000	44	. 7000
Salt Lake City, Utah.....	44	. 6250	44	. 6250
San Francisco, Cal.....	44	. 6250	44	. 6250

## METAL TRADES.

## BLACKSMITHS.

<i>North Atlantic.</i>				
Buffalo, N. Y.....	54	\$0. 3333	54	\$0. 4000
New Haven, Conn.: Railroad shops.....	53	. 2904	53	. 3057
New York, N. Y.:				
Inside men.....	53	. 4528	53	. 4528
Outside men.....	44	. 5000	44	. 5000
Pittsburgh, Pa.:				
Manufacturing shops.....	54	. 3333	48	. 3750
Locomotive works.....	50	. 3250	50	. 3250
Locomotive works, hammermen.....	50	. 8889	50	. 8889
Scranton, Pa.....	54	. 3333	54	. 3333
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Manufacturing shops.....	54	. 3500	54	. 3750
Railroad shops, road E.....	54	. 3500	54	. 3500
Railroad shops, road D.....	54	. 3900	54	. 3900
Railroad shops, road B.....	54	. 3900	54	. 4100
Railroad shops, road A.....	54	. 4100	54	. 4100
Charleston, S. C.:				
Manufacturing shops.....	54	. 3600	54	. 3600
Railroad shops.....	48	. 3900	48	. 4050
Jacksonville, Fla.:				
Manufacturing shops.....	54	. 4000	54	. 4000
Railroad shops.....	54	. 3900	54	. 4100
Richmond, Va.:				
Manufacturing shops.....	55	. 3250	55	. 3250
Locomotive works.....	50	. 3250	50	. 3250
Locomotive works, hammermen.....	50	. 7000	50	. 7000
Railroad shops, road A.....	54	. 3483	54	. 3686
Railroad shops, road C.....	54	. 3500	54	. 4000
Railroad shops, road B.....	54	. 3900	54	. 4100
<i>North Central.</i>				
Chicago, Ill.:				
Outside men.....	1 44	. 6875	1 44	. 6875
Manufacturing shops.....	2 49	. 4000	2 49	. 4000
Railroad shops.....	2 49	. 3800	2 49	. 4000
Hammersmiths, manufacturing shops.....	2 49	. 5500	2 49	. 5500
Hammersmiths, railroad shops.....	2 49	. 5000	2 49	. 5250
Cincinnati, Ohio:				
Manufacturing shops.....	60	. 2000	60	. 2000
Railroad shops, road B.....	54	. 3250	54	. 3350
Railroad shops, roundhouse, road D.....	60	. 3160	60	. 3500
Railroad shops, roundhouse, road E.....	54	. 3060	54	. 3000

1 48 hours, September to April.

2 54 hours, September to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Indianapolis, Ind.:				
Manufacturing shops.....	54	\$0.3500	54	\$0.3400
Railroad shops.....	54	.3333	54	.3450
Kansas City, Mo.:				
Railroad shops, road B.....	54	.3500	54	.3500
Railroad shops, road A.....	54	.3600	54	.3600
Railroad shops, road D.....	54	.3900	54	.3900
Railroad shops, terminal, road D.....	60	.3500	60	.3500
Railroad shops, road E.....	54	.4000	54	.4300
Railroad shops, road F.....	54	.4000	54	.4200
Railroad shops, road H.....	54	.3900	54	.3900
Railroad shops, road G.....	54	.3600	54	.3700
Railroad shops, road C.....	54	.3800	54	.3800
Milwaukee, Wis.:				
Railroad shops.....	1 50	2.3060	1 50	3.3213
Forging machines, railroad shops.....	1 50	4.2907	1 50	2.3060
Trip-hammer men, railroad shops.....	1 50	5.2858	1 50	6.3111
Hammermen.....	1 50	7.3672	1 50	8.3825
Minneapolis, Minn., railroad shops.....	9 50	10.3366	9 50	11.3519
Omaha, Nebr.:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road A.....	54	.3900	54	.4100
Railroad shops, road B.....	54	.4000	54	.4150
St. Louis, Mo.:				
Manufacturing shops.....	54	.3333	54	.3333
Railroad shops.....	54	.3800	54	.4000
St. Paul, Minn.:				
Railroad shops, road A.....	50	.4284	50	.4284
Railroad shops, road B.....	50	.3264	50	.3264
Railroad shops, road C.....	50	.3570	50	.3570
Hammermen, railroad shops.....	50	.6048	50	.6048
<i>South Central.</i>				
Birmingham, Ala.:				
Manufacturing shops.....	60	.3900	60	.3900
Railroad shops.....	54	.3900	54	.4100
Little Rock, Ark.:				
Railroad shops, road A.....	53	.3965	53	.4126
Railroad shops, road B (1st fire).....	54	.4100	53	.4575
Railroad shops, road B (2d fire).....	54	.4100	53	.4372
Railroad shops, road B (light car fire).....	54	.4100	53	.3660
Railroad shops, road B (miscellaneous fire).....	54	.4100	53	.4067
Railroad shops, road B (hammermen).....	54	.3450	53	.3558
Memphis, Tenn.:				
Manufacturing shops.....	54	.4444	54	.4444
Railroad shops.....	54	.4100	54	.4160
New Orleans, La.:				
Manufacturing shops.....	54	.3611	54	.3611
Railroad shops, road A.....	54	.3850	54	.3850
Railroad shops, road B.....	54	.3950	54	.3950
Railroad shops, road C.....	54	.4200	54	.4200

<sup>1</sup> 54 hours, October to April.<sup>2</sup> \$0.3000, October to April.<sup>3</sup> \$0.3150, October to April.<sup>4</sup> \$0.2850, October to April.<sup>5</sup> \$0.2900, October to April.<sup>6</sup> \$0.3050, October to April.<sup>7</sup> \$0.3600, October to April.<sup>8</sup> \$0.3750, October to April.<sup>9</sup> 53 hours, October to April; paid for 54 hours.<sup>10</sup> \$0.3362, October to April.<sup>11</sup> \$0.3515, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Western.</i>				
Denver, Colo.:				
Manufacturing shops.....	54	\$0.4000	54	\$0.4000
Railroad shops, road B.....	54	.4150	54	.4150
Railroad shops, road A.....	48	.4250	48	.4250
Portland, Oreg.:				
Manufacturing and jobbing shops.....	54	.4500	54	.4500
Salt Lake City, Utah:				
Manufacturing shops.....	48	.4470	48	.4470
San Francisco, Cal.:				
Manufacturing shops.....	48	.5000	48	.5000
Railroad shops.....	54	.4000	54	.4000
Railroad shops, steam hammermen.....	54	.4556	54	.4556
Ship and machine work.....	48	.5000	48	.5000
Ship and machine work, steam hammermen.....	48	.5025	48	.5025

## BLACKSMITHS' HELPERS.

<i>North Atlantic.</i>				
Buffalo, N. Y.....	54	\$0.2222	54	\$0.2500
New Haven, railroad shops.....	53	.1987	53	.2140
New York, N. Y.:				
Inside men.....	53	.2808	53	.2808
Outside men.....	44	.3100	44	.3100
Pittsburgh, Pa.:				
Manufacturing shops.....	54	.2222	48	.2813
Locomotive works.....	50	.2250	50	.2250
<i>South Atlantic.</i>				
Jacksonville, Fla.: Railroad shops.....			54	.1650
<i>North Central.</i>				
Chicago, Ill.:				
Manufacturing shops.....	1 49	.3000	1 49	.3000
Outside men.....	2 44	.5625	2 44	.5625
Railroad shops.....	1 49	.2600	1 49	.2700
Cincinnati, Ohio:				
Manufacturing shops.....	60	.1850	60	.1850
Railroad shops, road B.....	54	.1900	54	.2000
Railroad shops, road D.....	60	.1900	60	.2000
Railroad shops, road C.....	54	.1600	54	.1600
Indianapolis, Ind.:				
Manufacturing shops.....	54	.1800	54	.1800
Railroad shops.....	54	.1950	54	.2050
Kansas City, Mo.:				
Railroad shops, road B.....	54	.2000	54	.2000
Railroad shops, road A.....	54	.1900	54	.1900
Railroad shops, road D.....	54	.2500	54	.2600
Railroad shops, road D terminal.....	60	.2350	60	.2350
Railroad shops, road C.....	54	.1900	54	.1900
Railroad shops, road E.....	54	.2300	54	.2450
Railroad shops, road F.....	54	.2500	54	.2600
Railroad shops, road H.....	54	.2300	54	.2300
Railroad shops, road G.....	54	.2000	54	.2100
Milwaukee, Wis.:				
Hammermen's helpers.....	3 50	4.2244	3 50	5.2346
Regular scale.....	3 50	6.2142	3 50	4.2244
Minneapolis, Minn.: Railroad shops.....	7 50	8.2244	7 50	9.2346

1 54 hours, September to April.

2 48 hours, September to April.

3 54 hours, October to April.

4 \$0.2200, October to April.

5 \$0.2300, October to April.

6 \$0.2100, October to April.

7 53 hours, October to April; paid for 54 hours.

8 \$0.2242, October to April.

9 \$0.2343, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BLACKSMITHS' HELPERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Omaha, Nebr.:				
Manufacturing shops.....	51	\$0.2250	54	\$0.2250
Railroad shops.....	51	.2250	54	.2250
St. Louis, Mo.:				
Manufacturing shops.....	54	.2300	54	.2300
Railroad shops.....	54	.2400	54	.2550
St. Paul, Minn.:				
Railroad shops, road A.....	50	.2550	50	.2550
Railroad shops, road B.....	50	.2448	50	.2448
Railroad shops, road C.....	50	.2397	50	.2397
<i>South Central.</i>				
New Orleans, La.:				
Manufacturing shops.....	54	.2500	54	.2500
Railroad shops, road A.....	54	.2200	54	.2200
Railroad shops, road B.....	54	.2000	54	.2000
<i>Western.</i>				
Denver, Colo.:				
Manufacturing shops.....	54	.2500	54	.2500
Railroad shops, road B.....	54	.2800	54	.2800
Railroad shops, road A.....	48	.2900	48	.2900
Portland, Oreg.: Manufacturing and jobbing shops.....	54	.2778	54	.2778
Salt Lake City, Utah: Manufacturing shops.....	48	.3100	48	.3100
San Francisco, Cal.:				
Manufacturing shops.....	48	.3750	48	.3750
Railroad shops.....	54	.3056	54	.3056
Ship and machine work.....	48	.3750	48	.3750

## BOILER MAKERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Manufacturing shops.....	54	\$0.3056	54	\$0.3056
Outside men.....	48	.5313	48	.5313
Buffalo, N. Y.:				
Inside men.....	54	.3600	54	.3600
Outside men.....	54	.4167	54	.4167
Railroad shops.....	54	.3500	54	.3500
New Haven, Conn.: Railroad shops.....	53	.2904	53	.2904
New York, N. Y.:				
Inside men.....	54	.4167	54	.4167
Outside men, standpipes, water towers, etc.....	44	.6250	44	.6250
Outside men.....	44	.5313	44	.5313
Philadelphia, Pa.:				
Inside men.....	54	.3333	49	.3333
Outside men.....	44	.5000	44	.5000
Railroad shops.....	60	.3000	60	.3333
Pittsburgh, Pa.:				
Inside men.....	54	.4000	54	.4000
Outside men.....	48	.5000	48	.5000
Railroad shops.....	60	.3250	60	.3600
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Manufacturing shops.....	54	.3900	54	.3900
Locomotive works.....	54	.3900	54	.4000
Equipment Co.....	54	.3500	54	.3500
Railroad shops, road C.....	54	.3900	54	.3900
Railroad shops, road A.....	54	.3950	54	.4100
Railroad shops, road B.....	54	.3900	54	.4100
Baltimore, Md.:				
Shopmen.....	54	.3056	54	.3056
Outside men.....	48	.5000	48	.5000
Charleston, S. C.:				
Manufacturing shops.....	54	.3611	54	.3611
Railroad shops.....	54	.3900	54	.4100

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic—Concluded.</i>				
Jacksonville, Fla.:				
Manufacturing shops.....	54	\$0.3650	54	\$0.4000
Railroad shops.....	54	.4250	54	.4350
Richmond, Va.:				
Railroad shops, road A.....	54	.3926	54	.4126
Railroad shops, road C.....	54	.3850	54	.4050
Railroad shops, road B.....	54	.3900	54	.4100
<i>North Central.</i>				
Chicago, Ill.:				
Outside men.....	44	.6250	44	.6250
Manufacturing shops.....	1 49½	.4000	1 49½	.4000
Cincinnati, Ohio:				
Outside men.....	48	.4500	48	.4500
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops, road C.....	54	.4000	54	.4000
Railroad shops, road B.....	54	.3550	54	.3550
Railroad shops, road D.....	60	.3450	60	.3450
Railroad shops, road F.....	60	.3200	60	.3200
Cleveland, Ohio:				
Outside men.....	48	.5000	48	.5000
Manufacturing shops.....	54	.3333	54	.3500
Railroad shops, road A.....	54	.3500	54	.3550
Railroad shops, road B.....	54	.3250	54	.3250
Detroit, Mich.:				
Outside men.....	48	.5000	48	.5000
Manufacturing shops.....	60	.3400	55	.4000
Railroad shops.....	60	.3400	60	.3400
Indianapolis, Ind.:				
Outside men.....	48	.4000	48	.5000
Manufacturing shops.....	50	.3200	50	.3500
Railroad shops, road C.....	54	.3500	54	.3500
Railroad shops, road B.....	54	.3650	54	.3650
Kansas City, Mo.:				
Outside men.....	54	.4500	54	.5625
Manufacturing shops.....	54	.3800	54	.3800
Railroad shops.....	54	.4000	54	.4200
Milwaukee, Wis.: Railroad shops.....	1 50	2.4080	1 50	3.4233
Minneapolis, Minn.:				
Railroad shops, road A.....	4 50	6.4233	4 50	6.4386
Railroad shops, road B.....	4 50	7.4437	4 50	7.4394
Railroad shops, road C.....	4 50	8.3570	4 50	8.3570
Omaha, Nebr.:				
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road A.....	54	.3900	54	.4100
Railroad shops, road B.....	54	.4000	54	.4150
St. Louis, Mo.:				
Outside men.....	44	.5625	44	.6328
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.4000	54	.4100
St. Paul, Minn.: Railroad shops.....	50	.4437	50	.4437
<i>South Central.</i>				
Birmingham, Ala.:				
Manufacturing shops.....	60	.3750	60	.4000
Blast furnace work.....	60	.3750	60	.3750
Railroad shops, road E.....	54	.4000	54	.4100
Railroad shops, road D.....	54	.4000	54	.4350
Railroad shops, road B.....	54	.4000	54	.4000
Railroad shops, road C.....	60	.4000	60	.4000
Railroad shops, road A.....	60	.3750	60	.3900
Little Rock, Ark.:				
Manufacturing shops.....	60	.4100	60	.4100
Railroad shops.....	54	.4100	53	.4321
Railroad shops, roundhouse, daywork.....	60	.4100	53	.4321
Railroad shops, roundhouse, nightwork.....	58	.4666	57	.4321

1 54 hours, October to April.

2 \$0.4000, October to April.

3 \$0.4150, October to April.

4 53 hours, October to April; paid for 54 hours.

5 \$0.4228, October to April.

6 \$0.4381, October to April.

7 \$0.4432, October to April.

8 \$0.3566, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central—Concluded.</i>				
Louisville, Ky.:				
Manufacturing shops.....	54	\$0.3200	54	\$0.3200
Railroad shops, road A.....	54	.3500	54	.4100
Railroad shops, roundhouse, road C.....	60	.3750	60	.3750
Railroad shops, terminal.....	54	.3550	54	.3800
Railroad shops, road D.....	54	.3300	54	.3300
Memphis, Tenn.:				
Manufacturing shops and railroad shops, road A.....	54	.4100	54	.4100
Railroad shops, road B.....	54	.3900	54	.4100
Railroad shops, road C.....	54	.4000	54	.4250
New Orleans, La.:				
Manufacturing shops.....	54	.3889	54	.3889
Railroad shops, road C.....	54	.4200	54	.4200
Railroad shops, roads A and B.....	54	.3900	54	.3900
<i>Western.</i>				
Denver, Colo.:				
Manufacturing shops.....	54	.4100	54	.4100
Railroad shops, road B.....	54	.4100	54	.4100
Railroad shops, road A.....	48	.4100	48	.4100
Los Angeles, Cal.: Manufacturing shops.....	54	.3500	54	.3500
Portland, Oreg.:				
Manufacturing shops.....	54	.4444	54	.4444
Outside men.....	48	.5000	48	.5000
Salt Lake City, Utah:				
Manufacturing shops.....	54	.4300	54	.4300
Railroad shops.....	48	.4300	48	.4300
San Francisco, Cal.:				
Manufacturing and jobbing shops.....	48	.5000	48	.5000
Tank work in iron buildings.....	48	.6250	48	.6250
Ship fitters.....	48	.5000	48	.5000
Seattle, Wash.:				
Manufacturing shops.....	48	.5000	48	.5000
Outside men.....	48	.5625	48	.5625
Railroad shops, other than road A.....	54	.4550	54	.4550
Railroad shops, road A.....	54	.3422	54	.3422

## BOILER MAKERS' HELPERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Manufacturing and railroad shops.....	54	\$0.2222	54	\$0.2222
Outside men.....	48	.2500	48	.2500
New Haven, Conn.: Railroad shops.....	53	.2140	53	.2292
New York, N. Y.:				
Inside men.....	54	.2889	54	.2889
Outside men.....	44	.4375	44	.4375
Philadelphia, Pa.: Outside men.....	44	.3750	44	.3750
Pittsburgh, Pa.:				
Inside men.....	54	.2500	54	.2500
Outside men.....	48	.4000	48	.4000
<i>South Atlantic.</i>				
Baltimore, Md.:				
Manufacturing shops.....	54	.2222	54	.2222
Outside men.....	48	.3750	48	.3750
Charleston, S. C.: Railroad shops.....	54	.2300	54	.2300
Richmond, Va.:				
Railroad shops, roads A and C.....	54	.1950	54	.2150
Railroad shops, road B.....	54	.2050	54	.2250



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## BOILER MAKERS' HELPERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central.</i>				
Chicago, Ill.:				
Outside men.....	44	\$0.5000	44	\$0.5000
Manufacturing shops.....	1 49½	.3250	1 49½	.3250
Cincinnati, Ohio:				
Outside men.....	48	.3250	48	.3250
Manufacturing shops.....	54	.2500	54	.2500
Railroad shops, road C.....	54	.2200	54	.2200
Railroad shops, road D.....	60	.2000	60	.2000
Railroad shops, road F.....	60	.2000	60	.2000
Railroad shops, road B.....	54	.1900	54	.1900
Cleveland, Ohio:				
Outside men.....	48	.4000	48	.4000
Manufacturing shops.....	54	.2000	54	.2000
Indianapolis, Ind.: Railroad shops.....	54	.2000	54	.2000
Kansas City, Mo.:				
Outside men.....	54	.2700	54	.3100
Manufacturing shops.....	54	.1600	54	.2200
Railroad shops.....	54	.2300	54	.2500
Milwaukee, Wis.: Railroad shops.....	1 50	2 .2244	1 50	3 .2346
Minneapolis, Minn.:				
Railroad shops, road A.....			1 50	5 .2295
Railroad shops, road B.....			1 50	6 .2374
Omaha, Nebr.: Railroad shops.....	54	.2400	54	.2400
St. Louis, Mo.:				
Outside men.....	44	.4000	44	.4000
Manufacturing shops.....	54	.2400	54	.2400
Railroad shops.....	54	.2700	54	.2700
St. Paul, Minn.: Railroad shops, road C.....	50	.2346	50	.2346
<i>South Central.</i>				
Little Rock, Ark.: Railroad shops.....	54	.2150	53	.2389
Louisville, Ky.:				
Manufacturing shops.....	54	.1950	54	.2150
Railroad shops, road A.....	54	.2000	54	.2150
Railroad shops, terminal.....	54	.1950	54	.2150
Railroad shops, road D.....	54	.1950	54	.1950
New Orleans, La.:				
Railroad shops, road C.....	54	.2500	54	.2500
Railroad shops, roads A and B.....	54	.1950	54	.1950
<i>Western.</i>				
Denver, Colo.:				
Railroad shops, road B.....	54	.2800	54	.2800
Railroad shops, road A.....	48	.2800	48	.2800
Los Angeles, Cal.: Manufacturing shops.....	54	.2500	54	.2500
Portland, Oreg.:				
Manufacturing shops.....	54	.2778	54	.2778
Outside men.....	48	.3125	48	.3750
Salt Lake City, Utah:				
Manufacturing shops.....	54	.2000	54	.2000
Railroad shops.....	48	.2900	48	.2900
San Francisco, Cal.: Manufacturing and jobbing shops.....	48	.3125	48	.3125
Seattle, Wash.:				
Manufacturing shops.....			48	.3125
Outside men.....			48	.4375

1 54 hours, October to April.

2 \$0.2200, October to April.

3 \$0.2300, October to April.

4 53 hours, October to April; paid for 54 hours.

5 October to April, \$0.2292.

6 October to April, \$0.2394.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## CORE MAKERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	54	\$0.3333	54	\$0.3889
Buffalo, N. Y.....	60	.2750	54	.3333
Fall River, Mass.....	60	.2750	54	.3333
Manchester, N. H.....	54	.3333	54	.3333
Newark, N. J.....	54	.3611	54	.3889
New York, N. Y.....	54	.3889	54	.3889
Philadelphia, Pa.....	54	.3444	54	.3444
Pittsburgh, Pa.....	54	.4167	54	.4441
Providence, R. I.....	54	.3056	54	.3056
Seranton, Pa.:				
Machinery.....	60	.2500	60	.2500
Hot water and steam heating.....	60	.3000	54	.3333
<i>South Atlantic.</i>				
Atlanta, Ga.....	60	.3000	60	.3000
Baltimore, Md.....	54	.3333	54	.3333
Richmond, Va.....	54	.3378	54	.3611
<i>North Central.</i>				
Chicago, Ill.....	54	.3889	54	.4444
Cincinnati, Ohio.....	54	.3611	54	.3611
Cleveland, Ohio.....	54	.3611	54	.3889
Detroit, Mich.....	54	.3611	54	.3889
Indianapolis, Ind.....	54	.3222	54	.3222
Kansas City, Mo.....	54	.3611	54	.4000
Milwaukee, Wis.....	54	.3167	54	.3167
Minneapolis, Minn.....	54	.3222	54	.3222
Omaha, Nebr.....	54	.3611	54	.3611
St. Louis, Mo.....	54	.3722	54	.3889
St. Paul, Minn.....	54	.3222	54	.3611
<i>South Central.</i>				
Birmingham, Ala.....	60	.3000	54	.3611
Dallas, Tex.....	54	.3611	54	.3611
Little Rock, Ark.....	54	.3500	54	.3500
New Orleans, La.....	54	.3611	54	.3611
<i>Western.</i>				
Denver, Colo.....	54	.4167	54	.4167
Los Angeles, Cal.....	54	.3750	54	.3750
Portland, Oreg.....	54	.4167	54	.4167
Salt Lake City, Utah.....	54	.3889	54	.3889
San Francisco, Cal.....	48	.5000	48	.5000
Seattle, Wash.....	54	.4444	54	.4444

## FOUNDRY LABORERS.

<i>North Atlantic.</i>				
Boston, Mass.:				
Foundry laborers.....	54	\$0.2037	54	\$0.2407
Casting chippers.....	54	.2500	54	.2778
Melters.....	54	.3611	54	.3889
New York, N. Y.....	54	.2222	54	.2222
New York, N. Y., Manhattan.....	54	.2200	54	.2200
<i>Western.</i>				
San Francisco, Cal.....	48	.3750	48	.3750

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## MACHINISTS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
All-round men, shops A.....	50	\$0.4200	50	\$0.4200
All-round men, shops B.....	54	.3889	54	.3889
All-round men, shops C.....	54	.3889	48	.4375
Toolmakers, shops A.....	54	.4444	54	.4444
Toolmakers, shops B.....	54	.4444	50	.4800
Specialists, shops B.....	54	.3333	54	.3333
Specialists, shops A.....	54	.3600	50	.3600
Railroad shops.....	54	.2850	54	.2850
Buffalo, N. Y.:				
All-round men.....	54	.3333	54	.3750
Tool and die makers.....	54	.3750	54	.4000
Outside men.....	48	.4000	48	.5000
Newark, N. J.:				
All-round men.....	54	.3611	54	.3611
Die makers.....	54	.4200	54	.4200
Outside men.....	48	.6200	48	.6200
New Haven, Conn.:				
All-round men—				
Large shops.....	59	.3559	59	.3559
Small shops.....	54	.3333	54	.3333
Tool and die makers.....	54	.4444	54	.4444
Railroad shops.....	53	.2904	53	.2904
New York, N. Y.:				
All-round men.....	48	.4063	48	.4063
All-round men.....	51	.3824	49½	.4000
All-round men.....	52½	.3714	51	.3824
Repair shops and printing-press work.....	44	.5313	44	.5313
Automobile repair shops.....	48	.4375	48	.4375
Printing-press factories.....	51	.3824	49½	.4000
Pressrooms.....	48	.5625	48	.5625
Outside men.....	44	.6250	44	.6250
Philadelphia, Pa.:				
All-round men.....	54	.3333	54	.3333
Die makers.....	54	.3750	54	.3750
Pressrooms.....	48	.4375	48	.4375
Railroad shops.....	55	.3500	55	.3500
Outside men.....	44	.5000	44	.5000
Pittsburgh, Pa.:				
All-round men.....	54	.3500	54	.3500
Breweries.....	48	.4000	48	.4200
Railroad shops.....	60	.2700	60	.2800
Providence, R. I.:				
All-round and railroad men.....	55	.2750	55	.2750
Tool and die makers.....	55	.3500	55	.3500
Specialists.....	55	.2200	55	.2200
Breweries.....	48	.4375	48	.4375
Scranton, Pa.: All-round men and railroad shop.....	60	.2500	60	.2500
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Manufacturing shops.....	60	.3500	60	.3500
Railroad shops, road E.....	54	.3800	54	.4000
Railroad shops, road F.....	54	.4000	54	.4100
Railroad shops, road A.....	54	.3900	54	.4000
Railroad shops, road B.....	54	.3900	54	.4100
Baltimore, Md.:				
Shopmen.....	54	.3333	54	.3333
Outside men.....	48	.3750	48	.3750
Railroad shops.....	60	.2860	60	.2860
Charleston, S. C.: Railroad shops.....	48	.3900	48	.4200
Jacksonville, Fla.:				
Manufacturing shops.....	54	.3650	54	.3650
Specialists, railroad shops.....	54	.3250	54	.3250
Railroad shops.....	54	.4000	54	.4100

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic—Concluded.</i>				
Richmond, Va.:				
All-round men.....	55	\$0.3500	55	\$0.3500
Manufacturing shops.....	55	.3550	55	.3550
Specialists, locomotive works.....	55	.2500	55	.2500
Railroad shops, road A.....	54	.3654	54	.3854
Railroad shops, road C.....	54	.3900	54	.3900
Railroad shops, road B.....	54	.3900	54	.4100
Tool and die makers.....	55	.4000	55	.4000
Washington, D. C.....	48	.4063	48	.4063
<i>North Central.</i>				
Chicago, Ill.:				
All-round men and specialists.....	49½	.3900	49½	.3900
Tool and die makers.....	49½	.4500	49½	.4500
Outside men.....	44	.6688	44	.6688
Railroad shops and terminals.....	49½	.3950	49½	.3950
Cincinnati, Ohio:				
Manufacturing shops, all-round men.....	55	.3000	55	.3000
Manufacturing shops, tool and die makers.....	55	.3500	55	.3500
Manufacturing shops, specialists.....	55	.2500	55	.2500
Breweries.....	48	.3750	48	.3750
Railroad shops, road C.....	54	.3900	54	.3900
Railroad shops, road A.....	54	.3656	54	.3656
Railroad shops, road D.....	60	.3600	60	.3600
Railroad shops, road B.....	54	.3500	54	.3600
Railroad shops, road E.....	54	.3350	54	.3450
Railroad shops, road F.....	60	.3200	60	.3200
Cleveland, Ohio:				
All-round men.....	54	.3611	54	.3610
Tool and die makers.....	54	.4000	54	.4000
Specialists.....	54	.3056	54	.3056
Detroit, Mich.:				
Manufacturing shops.....	55	.3333	55	.3500
Die sinkers.....	55	.5000	55	.5000
Tool and die sinkers.....			60	.4000
Jobbing shops.....	54	.3333	54	.3500
Outside men.....	48	.6250	48	.6250
Railroad shops, road A.....	60	.3100	60	.3100
Railroad shops, road B.....	60	.3450	54	.3550
Indianapolis, Ind.:				
Manufacturing shops.....	50	.3500	50	.4000
Outside men.....	44	.5000	44	.5000
Railroad shops, road A.....	54	.3333	54	.3450
Railroad shops, road B.....	54	.3500	54	.3600
Railroad shops, road C.....	54	.3500	54	.3600
Kansas City, Mo.:				
All-round men, manufacturing shops.....	54	.3700	54	.3700
Tool and die makers.....	54	.4000	54	.4250
Railroad shops.....	54	.4000	54	.4000
Packing houses.....	54	.3500	54	.3500
Milwaukee, Wis.:				
Manufacturing shops.....	55	.3300	55	.3300
Tool and die makers.....	55	.4000	55	.4000
Specialists.....	55	.2750	55	.2750
Railroad shops.....	<sup>1</sup> 50	<sup>2</sup> .4029	<sup>1</sup> 50	<sup>3</sup> .4182
Breweries.....	44	.4250	44	.4500
Minneapolis, Minn.:				
Manufacturing shops.....	59	.3350	59	.3350
Breweries.....	54	.4500	54	.4850
Flour mills.....	55	.3500	55	.3500
Railroad shops.....	53	.4279	53	.4279
Omaha, Nebr.:				
Manufacturing and jobbing shops.....	54	.4000	54	.4000
Automobile repair shops.....	54	.4444	54	.4444
Railroad shops.....	54	.4000	54	.4000
Railroad shops, road C.....	54	.4000	54	.4150
Railroad shops, road A.....	54	.3000	54	.4100

<sup>1</sup> 54 hours, October to April.<sup>2</sup> \$0.3950, October to April.<sup>3</sup> \$0.4100, October to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## MACHINISTS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
St. Louis, Mo.:				
Manufacturing shops.....	54	\$0.3300	54	\$0.3300
Tool and die makers.....	54	.4000	54	.4200
Outside men.....	44	.6250	44	.6250
Breweries.....	48	.5000	48	.5250
Railroad shops.....	54	.3900	54	.4150
Specialists, manufacturing shops.....	54	.2500	54	.2750
Printing machinery repair shops.....	54	.3333	48	.5000
St. Paul, Minn.:				
Manufacturing shops.....	59	.3350	59	.3350
Railroad shops.....	54	.4200	54	.4200
Breweries.....	48	.4200	48	.4500
<i>South Central.</i>				
Birmingham, Ala.:				
Manufacturing shops.....	60	.3250	60	.3500
Railroad shops.....	54	.4000	54	.4100
Railroad shops, road B.....	54	.3900	54	.3900
Railroad shops, road A.....	60	.3700	60	.3750
Dallas, Tex.:	54	.4000	54	.4000
Little Rock, Ark.:				
Manufacturing shops.....	54	.4100	54	.4250
Railroad shops.....	54	.4100	53	.4321
Engine and roundhouse, daywork.....	60	.4100	53	.4321
Engine and roundhouse, nightwork.....	58	.4666	57	.4321
Louisville, Ky.:				
Manufacturing shops.....	54	.3333	54	.3333
Outside men.....	48	.4000	48	.4000
Railroad shops, terminal.....	54	.3250	54	.3900
Railroad shops, road F.....	54	.3250	54	.3800
Memphis, Tenn.:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops.....	54	.4100	54	.4250
New Orleans, La.:				
Manufacturing shops.....	54	.3889	54	.3889
Outside men.....	54	.4444	54	.4444
Railroad shops, road C.....	54	.4200	54	.4200
Railroad shops, road A.....	54	.4000	54	.4000
Railroad shops, road B.....	54	.3900	54	.3900
<i>Western.</i>				
Denver, Colo.:				
Manufacturing shops.....	54	.4000	54	.4000
Railroad shops, road A.....	48	.4100	48	.4100
Railroad shops, road C.....	54	.4000	54	.4000
Railroad shops, road B.....	54	.4000	54	.4100
Los Angeles, Cal.:				
Manufacturing shops.....	54	.4500	54	.4000
Manufacturing and automobile repair shops.....	54	.4000	54	.3750
Breweries.....	48	.5500	48	.5625
Railroad shops.....	54	.4300	54	.4000
Manufacturing and repair shops.....	48	.5000	48	.5000
Newspaper offices.....	48	.5000	48	.5000
Portland, Oreg.: Manufacturing shops.....	48	.4500	48	.4500
Salt Lake City, Utah:				
Manufacturing or railroad shops, outside repair work.....	48	.4400	48	.4400
Smelter furnaces.....	54	.4444	54	.4444
Railroad shops.....	48	.4300	48	.4300
Specialists.....	48	.2600	48	.2600
San Francisco, Cal.:				
Tool and die makers and all-round men.....	48	.4375	48	.4375
Specialists.....	48	.3750	48	.3750
Seattle, Wash.:				
Manufacturing shops.....	48	.4500	48	.4500
Breweries.....	48	.6000	48	.6000
Railroad shops.....	54	.4400	54	.4400

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## MOLDERS, IRON.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	54	\$0.3611	54	\$0.3889
Buffalo, N. Y.....	60	.3000	54	.3611
Fall River, Mass.: Bench and floor.....	60	.2750	54	.3333
Manchester, N. H.....	54	.3611	54	.3611
Newark, N. J.:				
Bench.....	54	.3611	54	.3889
Floor.....	54	.3889	54	.3889
New York, N. Y.....	54	.3889	54	.3889
Philadelphia, Pa.....	54	.3611	54	.3611
Pittsburgh, Pa.....	54	.4167	54	.4444
Providence, R. I.....	54	.3056	54	.3056
Scranton, Pa.:				
Machinery.....	60	.2500	60	.2500
Hot-water and steam heating.....	54	.3611	54	.3611
Railroad shops.....	60	.2750	60	.2750
<i>South Atlantic.</i>				
Atlanta, Ga.....	60	.3500	60	.3500
Baltimore, Md.....	54	.3611	54	.3611
Richmond, Va.:				
Locomotive works.....	50	.3722	50	.3722
Manufacturing shops.....	54	.3333	54	.3333
Plow works.....	54	.4167	54	.4167
Railroad shops.....	54	.4278	54	.4500
Washington, D. C.....	48	.3438	48	.3438
<i>North Central.</i>				
Chicago, Ill.....	54	.3889	54	.4444
Cincinnati, Ohio.....	54	.3611	54	.3611
Cleveland, Ohio.....	54	.3611	54	.3889
Detroit, Mich.: Bench and floor.....	54	.3611	54	.3889
Indianapolis, Ind.:				
Bench.....	54	.3556	54	.3556
Floor.....	54	.3611	54	.3611
Machine.....	54	.3111	54	.3111
Kansas City, Mo.....	54	.3611	54	.4000
Milwaukee, Wis.:				
Bench.....	54	.3500	54	.3500
Floor and machine.....	54	.3611	54	.3611
Minneapolis, Minn.....	54	.3667	54	.3667
Omaha, Nebr.....	54	.3667	54	.3667
St. Louis, Mo.:				
Bench.....	54	.3722	54	.3889
Floor.....	54	.3722	54	.3889
St. Paul, Minn.: Bench, floor, and machine.....	54	.3500	54	.3889
<i>South Central.</i>				
Birmingham, Ala.....	60	.3000	54	.3611
Dallas, Tex.....	54	.3611	54	.3611
Little Rock, Ark.....	54	.3889	54	.3889
Memphis, Tenn.: Molders and core makers.....	54	.3889	54	.4167
New Orleans, La.....	54	.3611	54	.3611
<i>Western.</i>				
Denver, Colo.: Bench, floor, and machine.....	54	.4444	54	.4444
Los Angeles, Cal.....	54	.3750	54	.3750
Portland, Oreg.: Bench, floor, and machine.....	54	.4167	54	.4167
Salt Lake City, Utah.....	54	.4167	54	.4167
San Francisco, Cal.: Bench, floor, and machine.....	48	.5000	48	.5000
Seattle, Wash.....	54	.4444	54	.4444

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Continued.

## PATTERN MAKERS, WOOD.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	54	\$0.4000	54	\$0.4500
Buffalo, N. Y.:				
Jobbing shops.....	54	.4750	54	.4750
Manufacturing shops.....	55	.4000	55	.4000
Newark, N. J.:				
Manufacturing shops.....	49½	.4444	49½	.4444
Jobbing shops.....	44	.5313	44	.5313
New Haven, Conn.:				
Manufacturing and railroad shops.....	53	.3515	53	.3770
Large manufacturing shops.....	59	.3508	59	.3763
New York, N. Y.:				
Manufacturing shops.....	53	.4530	53	.4530
Manufacturing shops.....	53	.4530	50	.5000
Jobbing shops.....	44	.5313	44	.5313
Architectural work.....	50	.5000	48	.5325
Plaster.....	50	.4860	48	.5100
Metal.....	44	.5000	44	.5000
Philadelphia, Pa.:				
Manufacturing shops.....	50	.3750	50	.3750
Jobbing shops.....	50	.4000	50	.4200
Pittsburgh, Pa.:				
Manufacturing shops.....	54	.4200	54	.4500
Jobbing shops.....	54	.4500	54	.5000
Providence, R. I.....	55	.4000	55	.4000
<i>South Atlantic.</i>				
Atlanta, Ga.....	54	.3750	54	.3750
Baltimore, Md.....	50	.3889	50	.3889
<i>North Central.</i>				
Chicago, Ill.:				
Jobbing shops.....	44	.5625	44	.6000
Manufacturing shops.....	54	.4750	54	.5000
Cincinnati, Ohio:				
Jobbing shops.....	50	.4200	50	.4200
Manufacturing shops.....	55	.3500	55	.3500
Cleveland, Ohio:				
Jobbing shops.....	49½	.4400	49½	.4700
Manufacturing shops.....	54	.4250	54	.4250
Detroit, Mich.:				
Jobbing and manufacturing shops.....	55	.4250	55	.4500
Manufacturing shops.....	60	.4200	60	.4500
Indianapolis, Ind.:				
Jobbing shops.....	50	.5000	44	.5000
Manufacturing shops.....	54	.4250	50	.4250
Railroad shops.....	55	.3350	50	.3450
Kansas City, Mo.:				
Jobbing shops.....	49½	.4250	49½	.4250
Manufacturing shops.....	54	.4000	54	.4000
Milwaukee, Wis.:				
Jobbing shops.....	49½	.4500	49½	.5000
Manufacturing shops.....	55	.3750	55	.3750
Minneapolis, Minn.:				
Jobbing shops.....	54	.4200	54	.4400
Manufacturing shops.....	55	.4000	55	.4250
Railroad shops.....	50	.4080	50	.4080
St. Louis, Mo.:				
Jobbing shops.....	54	.5500	44	.6000
Manufacturing shops.....	50	.4800	50	.4800
Railroad shops.....	54	.3600	54	.3900
Steel mills.....	50	.4800	50	.5300
St. Paul, Minn.:				
Jobbing shops.....	54	.4200	54	.4400
Manufacturing shops.....	55	.4000	55	.4250
Railroad shops.....	50	.4080	50	.4182

<sup>1</sup>54 hours, September to April.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## METAL TRADES—Concluded.

## PATTERN MAKERS, WOOD—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.....	60	\$0.3500	54	\$0.4167
Louisville, Ky.....			60	.3000
Memphis, Tenn.....	54	.4500	54	.4500
New Orleans, La.....	54	.3611	54	.3611
<i>Western.</i>				
Denver, Colo.:				
Manufacturing shops.....	54	.4500	54	.4500
Railroad shops.....	54	.3900	54	.3900
Los Angeles, Cal.:				
Jobbing shops.....	48	.5300	48	.5300
Manufacturing shops and artificial stone molds.....	48	.5000	48	.5000
Portland, Oreg.:				
Jobbing shops.....	54	.5000	52½	.5143
Manufacturing shops.....	54	.4167	54	.4444
San Francisco, Cal.....	48	.6250	48	.6250
Seattle, Wash.:				
Jobbing shops.....	48	.5625	48	.5625
Manufacturing shops.....	54	.4500	54	.4500

## MILLWORK.

## CARPENTERS.

<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.4300	48	\$0.4500
Buffalo, N. Y.....	49½	.3000	49½	.3000
Newark, N. J.....	44	.3500	44	.3500
New York, N. Y.:				
Manhattan, benchmen.....	44	.5000	44	.5000
Manhattan and Bronx, millmen.....	48	.3542	48	.3542
Brooklyn, Bronx, Queens, and Richmond, benchmen.....	44	.4725	44	.4725
Brooklyn, Queens, and Richmond, millmen.....	50	.3100	50	.3100
Philadelphia, Pa.....	50	.5000	50	.5000
Pittsburgh, Pa.....	54	.3889	54	.3889
<i>South Atlantic.</i>				
Baltimore, Md.....	54	.3056	54	.3056
Jacksonville, Fla.....	54	.3333	54	.3333
Washington, D. C.....	48	.4375	48	.4375
<i>North Central.</i>				
Chicago, Ill.: Cabinetmakers.....	49½	.3900	49½	.4000
Chicago, Ill.....	54	.3500	54	.3600
Cincinnati, Ohio: Cigar-box makers.....	49½	.4444	49½	.4444
Cincinnati, Ohio.....	50	.3000	50	.3000
Cleveland, Ohio.....	54	.3250	54	.3500
Indianapolis, Ind.....	54	.3500	54	.3500
Kansas City, Mo.: Cabinetmakers.....	54	.4000	54	.4000
Milwaukee, Wis.....	54	.3250	54	.3300
Minneapolis, Minn.....	54	.3333	54	.3333
Omaha, Nebr.: Cabinetmakers.....	54	.3000	54	.3000
St. Louis, Mo.: Cabinetmakers.....	44	.3600	44	.3600
St. Paul, Minn.....	54	.3000	54	.3000
<i>South Central.</i>				
Memphis, Tenn.: Stair work.....	49½	.5000	49½	.5000
Memphis, Tenn.: Bench work.....	49½	.3750	49½	.3750
New Orleans, La.....	54	.3056	54	.3056



**TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.**
**MILLWORK—Concluded.**
**CARPENTERS—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Western.</i>				
Los Angeles, Cal.: All classifications.....	48	\$0.4375	48	\$0.4375
Portland, Oreg.:				
Sticker men, layers out, benchmen, shaper hands, band sawyers, sash layer-out men, and general machine men.....			54	.4500
Bench hands, stock cutters on cabinetwork, drum sanders, and wood turners.....			54	.4000
Planer men, sash sticker men, stock cutters for sash doors, smoothers on veneered hardwood doors.....			54	.3500
Putting up sash and doors.....			54	.3250
Trim sawyers, smoothers on stock for sash and doors, mortise men, tenon men, and elbow sanders.....			54	.3000
Salt Lake City, Utah.....	49½	.4500	49½	.4500
San Francisco, Cal.:				
Sticker men and shapers.....	48	.6250	48	.6250
Sash and door layers-out.....	48	.5938	48	.5938
Band sawyers, smoothers and molders on veneers and hardwood sash and doors, cabinetmakers, turners, rip sawyers for stickers, stock cutters for cabinetwork and trim, and trim sawyers.....	48	.5625	48	.5625
Planer men, roller sanders, sash stickers, and stock cutters on sash and doors.....	48	.5000	48	.5000
Putters up on sash and doors, assistant rip sawyers, smoothers and molders on stock for sash and doors.....	48	.4375	48	.4375
Elbow sanders, mortisers, and tenoners.....	48	.4063	48	.4063
Seattle, Wash.....	48	.4375	48	.4375

**PAINTERS: Hardwood finishers.**

<i>North Atlantic.</i>				
Buffalo, N. Y.: Inside men.....	54	\$0.3333	54	\$0.3333
Philadelphia, Pa.: Inside men.....	50	.3600	50	.3600
<i>North Central.</i>				
Chicago, Ill.....	54	.3100	54	.3100
Cincinnati, Ohio.....	50	.2500	50	.2500
Cincinnati, Ohio: Stainers.....	50	.2100	50	.2100
Kansas City, Mo.....	54	.3500	54	.3500
Milwaukee, Wis.....	49½	.3500	49½	.3750
St. Louis, Mo.....	44	.4000	44	.4000
<i>Western.</i>				
Denver, Colo.....	54	.3333	54	.3333
Portland, Oreg.....	54	.3750	54	.3750

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job.

## BOOKBINDERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
Cutters—				
Leather, cloth, sample, and sheet stock.....	48	\$0.3750	48	\$0.3750
Label.....	48	.4167	48	.4167
Duplex.....	48	.4375	48	.4375
Finishers—				
Extra printed work.....	48	.5000	48	.5000
Blank work.....	48	.4167	48	.4167
Forwarders—				
Stock blank.....	48	.3750	48	.3750
Job blank.....	48	.4167	48	.4167
Printed work.....	48	.4375	48	.4375
Rulers—				
First-class, union A.....	48	.3750	48	.3750
Second-class, union A.....	48	.3125	48	.3125
Union B.....	48	.4583	48	.4583
Buffalo, N. Y.:				
Cutters.....	48	.3333	48	.3542
Finishers.....	48	.3958	48	.4167
Forwarders—				
General, grade A.....	48	.3958	48	.3958
General, grade B.....	48	.3333	48	.3542
Folding-machine operators.....	48	.3750	48	.3750
Rulers.....	48	.3750	48	.3958
Newark, N. J.:				
Cutters—				
Sheet straighteners.....	48	.3750	48	.4167
Duplex.....	48	.4167	48	.4583
Finishers and first-class forwarders.....	48	.4375	48	.4792
Forwarders, second-class.....	48	.3750	48	.4167
Rulers, first-class.....	48	.4375	48	.4792
Rulers and second-class finishers.....	48	.3750	48	.4167
New York, N. Y.:				
Cutters—				
1 knife machine.....	48	.4167	48	.4167
3 knife machine.....	48	.4792	48	.4792
Finishers—				
Blank work, first-class.....	48	.4792	48	.5000
Blank work, second-class.....	48	.3750	48	.4375
Forwarders—				
Blank work, first-class.....	48	.4375	48	.5000
Blank work, second-class.....	48	.3750	48	.4375
Printed.....	48	.3958	48	.4167
Rulers—				
First-class.....	48	.5000	48	.5000
Second-class.....	48	.4375	48	.4375
Philadelphia, Pa.:				
Cutters, machine, union A.....	48	.3750	48	.3750
Cutters stock, union A.....	48	.3542	48	.3542
Philadelphia, Pa.:				
Cutters—				
Book and sheet, union A.....	48	.3333	48	.3542
Stock, union B.....	48	.2604	48	.3125
Cutters' assistants, union B.....			48	.2604
Finishers—				
Extra, union B.....	48	.4583	48	.4583
Job, union A.....	48	.4375	48	.4375
Sheep and plain, union B.....	48	.3958	48	.3958
Full bound, union A.....	48	.3958	48	.3958
Half bound, union A.....	48	.3750	48	.3750
Finishers' assistants, union B.....	48	.3542	48	.3750
Forwarders—				
Extra job, union B.....	48	.4375	48	.4375
Plain sheep and half bound, union B.....	48	.3958	48	.3958
Job, full bound, union A.....	48	.3958	48	.3958
Full and half bound, stock, union A.....	48	.3542	48	.3542
Cloth, union B.....	48	.3542	48	.3750
Half bound, union A.....	48	.3333	48	.3333
Rulers, union C.....	48	.3542	48	.3542

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## BOOKBINDERS—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic—Concluded.</i>				
Scranton, Pa.:				
Cutters—				
Book.....	48	\$0.4375	48	\$0.4375
Paper.....	48	.3750	48	.3958
Forwarders—				
Blank work.....	48	.3750	48	.3750
Printed work.....	48	.4167	48	.4375
Rulers.....	48	.3750	48	.3750
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.3750	48	.3750
Baltimore, Md.:				
Forwarders, general work.....	48	.3125	48	.3125
Forwarders, finishers, and rulers printed and blank work.....	48	.3750	48	.3750
Richmond, Va.:				
Cutters.....	48	.2500	48	.3125
Finishers, forwarders, and rulers.....	48	.3125	48	.3125
Washington, D. C.....	48	.3750	48	.3750
<i>North Central.</i>				
Chicago, Ill.:				
Casers-in.....	48	.3750	48	.3750
Cutters and operators on casing-in machines.....	48	.4063	48	.4063
Cutters, in charge stock and cutting machines.....	48	.4375	48	.4375
Forwarders, finishers, case makers, and operators on case-making machines, union A.....	48	.4271	48	.4271
Forwarders, finishers, and case makers, union B.....	48	.4063	48	.4063
Rulers.....	48	.4375	48	.4688
Cincinnati, Ohio:				
Cutters, finishing.....	48	.3438	48	.3438
Cutters, stock.....	48	.4063	48	.4063
Finishers, first class.....	48	.4375	48	.4375
Finishers and forwarders, blank work.....	48	.3125	48	.3125
Forwarders, blank work.....	48	.3750	48	.3750
Rulers—				
Head.....	48	.4375	48	.4375
Second class.....	48	.3750	48	.3750
Cleveland, Ohio:				
Cutters or forwarders, printed work.....	48	.3125	48	.3125
Forwarders or finishers, blank work.....	48	.3750	48	.3750
Rulers.....	48	.3125	48	.3125
Detroit, Mich.: Cutters, finishers, forwarders or rulers, printed or blank work.....	48	.3333	48	.3750
Indianapolis, Ind.....	48	.4167	48	.4375
Kansas City, Mo.:				
Cutters.....	48	.3542	48	.3542
Cutters and folding-machine operators.....	48	.3750	48	.3750
Finishers—				
First class.....	48	.3750	49	.3750
Second class.....	48	.3333	48	.3333
Forwarders—				
First class.....	48	.3750	48	.3750
Second class.....	48	.3333	48	.3333
Rulers—				
First class.....	48	.3750	48	.3750
Second class.....	48	.3333	48	.3333
Omaha, Nebr.:				
Forwarders—				
First class.....	54	.3333	54	.3333
Second class.....	54	.2963	54	.2963
Finishers.....	54	.3333	54	.3333
Rulers.....	54	.3333	54	.3333
Cutters.....	54	.2963	54	.2963

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## BOOKBINDERS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
St. Louis, Mo.:				
Cutters.....	48	\$0.3958	48	\$0.3958
Finishers—				
First class.....	48	.4792	48	.4792
Second class.....	48	.4375	48	.4375
Forwarders—				
Blank work.....	48	.3958	48	.3958
Printed work.....	48	.3958	48	.3958
Folding-machine operators.....	48	.3958	48	.3958
Rulers—				
First class.....	48	.4479	48	.4583
Second class.....	48	.3958	48	.4167
St. Paul, Minn.:				
Finishers or forwarders, blank work.....	49	.3673	49	.3673
Forwarders or cutters or folding-machine operators, printed work.....	49	.3265	49	.3265
Rulers.....	49	.3673	49	.3673
<i>South Central.</i>				
Birmingham, Ala.:				
Cutters and forwarders.....	48	.3750	48	.3750
Finishers.....	48	.3750	48	.4375
Rulers.....	48	.3750	48	.4167
Dallas, Tex.: Cutters, finishers, forwarders, and rulers.....	48	.3750	48	.3750
Little Rock, Ark.:				
Cutters.....	48	.3333	48	.3333
Finishers, forwarders, and rulers.....	48	.3750	48	.3750
New Orleans, La.:				
Cutters.....	48	.3125	48	.3125
Finishers.....	48	.3750	48	.3750
Forwarders.....	48	.3750	48	.3750
Forwarders, half bound.....	48	.2500	48	.2500
Rulers.....	48	.3750	48	.3750
<i>Western.</i>				
Denver, Colo.: Cutters, finishers, forwarders, and rulers.....	48	.4792	48	.5000
Los Angeles, Cal.:				
Cutters.....	48	.3750	48	.4063
Finishers and forwarders.....	48	.4063	48	.4063
Rulers.....	48	.4063	48	.4063
Portland, Oreg.: All classifications.....	48	.4375	48	.4375
Salt Lake City, Utah.....	48	.4375	48	.4375
San Francisco, Cal.: All classifications.....	48	.5000	48	.5000
Seattle, Wash.:				
Cutters, finishers, and forwarders, printed and blank work.....	48	.4688	48	.4688
Rulers.....	48	.5208	48	.5208

## COMPOSITORS.

<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.4167	48	\$0.4167
Buffalo, N. Y.:				
English union.....	48	.3958	48	.3958
German union.....	48	.3750	48	.3358
Fall River, Mass.....	48	.3333	48	.3333
Manchester, N. H.....	48	.3333	48	.3542
Newark, N. J.....	48	.4583	48	.4792
New Haven, Conn.....	48	.4063	48	.4063
New York, N. Y.:				
Bohemian union.....	48	.3750	48	.3750
English union.....	48	.4788	48	.5000
German union.....	44	.5227	44	.5455
Hebrew union.....	46	.5217	46	.5217
Hungarian union.....	45	.4222	42	.4762
Italian union.....	48	.3750	48	.4375

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## COMPOSITORS—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic—Concluded.</i>				
Philadelphia, Pa. ....	48	\$0.3750	48	\$0.3958
Pittsburgh, Pa. ....	48	.3958	48	.3958
Providence, R. I. ....	48	.3750	48	.3750
Scranton, Pa. ....	48	.4375	48	.4375
<i>South Atlantic.</i>				
Atlanta, Ga. ....	48	.3438	48	.3438
Makers up and stonemen. ....	48	.3750	48	.3750
Baltimore, Md.:				
English union. ....	48	.3750	48	.3750
German union. ....	48	.3125	48	.3125
Charleston, S. C. ....	48	.3333	48	.3333
Jacksonville, Fla. ....	48	.3750	48	.3750
Richmond, Va. ....	48	.3333	48	.3333
Washington, D. C. ....	48	.4000	48	.4000
Makers up and stonemen. ....	48	.4208	48	.4208
<i>North Central.</i>				
Chicago, Ill.:				
Bohemian union. ....	48	.4608	48	.4688
English union. ....	48	.4688	48	.4688
German union. ....	48	.4688	48	.5000
Norwegian-Danish union. ....	48	.4688	48	.4688
Polish union. ....	48	.4167	48	.4167
Cincinnati, Ohio. ....	48	.3750	48	.4063
Cleveland, Ohio:				
English union. ....	48	.3958	48	.3958
Hungarian union. ....	45	.3111	45	.3556
Detroit, Mich. ....	48	.3854	48	.3854
Indianapolis, Ind.:				
English union. ....	48	.4167	48	.4375
German union. ....	48	.3958	48	.4271
Kansas City, Mo. ....	48	.3958	48	.4167
Milwaukee, Wis.:				
English union. ....	48	.3958	48	.4167
German union. ....	48	.3750	48	.4375
Minneapolis, Minn. ....	48	.4167	48	.4375
Omaha, Nebr. ....	48	.3750	48	.3750
St. Louis, Mo.:				
Bohemian union. ....	48	.4375	48	.4375
English union. ....	48	.4375	48	.4375
German union. ....	48	.4167	48	.4167
St. Paul, Minn. ....	48	.4063	48	.4375
<i>South Central.</i>				
Birmingham, Ala. ....	48	.4063	48	.4063
Dallas, Tex. ....	48	.4583	48	.5208
Little Rock, Ark. ....	48	.3750	48	.3750
Louisville, Ky.:				
English union. ....	48	.3438	48	.3750
German union. ....	48	.3125	48	.3125
Memphis, Tenn. ....	48	.4000	48	.4000
New Orleans, La. ....	48	.4271	48	.4375
<i>Western.</i>				
Denver, Colo. ....	48	.5313	48	.5417
Los Angeles, Cal. ....	48	.4375	48	.4688
Poster work. ....	48	.5000	48	.5417
Portland, Oreg. ....	48	.5313	48	.5313
Salt Lake City, Utah. ....	48	.5000	48	.5000
San Francisco, Cal. ....	48	.5000	48	.5000
Seattle, Wash. ....	48	.5313	48	.5313

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## ELECTROTYPERS, BATTERY MEN, AND BUILDERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0. 4167	48	\$0. 4167
Buffalo, N. Y.....	48	. 3750	48	. 3750
New Haven, Conn.....	54	. 2222	54	. 2962
New York, N. Y.: Branch men.....	44	. 5000	44	. 5000
Philadelphia, Pa.....	48	. 3750	48	. 3750
Pittsburgh, Pa.: Battery men.....	48	. 3125	48	. 3125
Buildlers.....	48	. 3438	48	. 3438
Scranton, Pa.....	48	. 3750	48	. 3750
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	. 3125	48	. 3125
Baltimore, Md.....	48	. 2917	48	. 2917
Jacksonville, Fla.....	48	. 3750	48	. 3750
Richmond, Va.....	48	. 3333	48	. 3333
Washington, D. C.....	44	. 5000	44	. 5000
<i>North Central.</i>				
Chicago, Ill.....	48	. 3750	48	. 4093
Cincinnati, Ohio: Battery men.....	48	. 3125	48	. 3125
Buildlers.....	48	. 3542	48	. 3542
Cleveland, Ohio: Battery men.....	48	. 3333	48	. 3333
Buildlers.....	48	. 3125	48	. 3125
Detroit, Mich.....	48	. 2604	48	. 2604
Indianapolis, Ind.....	48	. 3125	48	. 3438
Buildlers.....	48	. 3438	48	. 3750
Milwaukee, Wis.....	48	. 3125	48	. 3125
Minneapolis, Minn.: Helpers.....	54	. 2778	54	. 2778
Omaha, Nebr.....	48	. 4375	48	. 4375
St. Louis, Mo.: Helpers.....	50	. 3000	48	. 3333
St. Paul, Minn.: Helpers.....	48	. 3333	48	. 3333
<i>South Central.</i>				
Memphis, Tenn.....	48	. 5208	48	. 5208
New Orleans, La.....	48	. 4375	48	. 4375
<i>Western.</i>				
Denver, Colo.....	48	. 3333	48	. 3333
Los Angeles, Cal.....	48	. 5000	48	. 5000
Portland, Oreg.....	48	. 5000	48	. 5000
San Francisco, Cal.....	48	. 6250	48	. 6250
Seattle, Wash.....	48	. 5208	48	. 5208

## ELECTROTYPERS: Finishers.

<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0. 5000	48	\$0. 5000
Buffalo, N. Y.....	48	. 4375	48	. 4375
New Haven, Conn.....	54	. 3333	54	. 3704
New York, N. Y.....	44	. 6250	44	. 6250
Philadelphia, Pa.....	48	. 4167	48	. 4167
Pittsburgh, Pa.....	48	. 4375	48	. 4375
Scranton, Pa.....	48	. 4167	48	. 4167
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	. 4583	48	. 4583
Baltimore, Md.....	48	. 4167	48	. 4167
Jacksonville, Fla.....	48	. 3750	48	. 3750
Richmond, Va.....	48	. 3333	48	. 3333
Washington, D. C.....	44	. 5000	44	. 5000

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## ELECTROTYPERS: Finishers—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central.</i>				
Chicago, Ill. ....	48	\$0.4583	48	\$0.4896
Cincinnati, Ohio. ....	48	.4375	48	.4375
Cleveland, Ohio. ....	48	.4167	48	.4167
Detroit, Mich. ....	48	.3750	48	.3750
Indianapolis, Ind. ....	48	.4375	48	.4375
Milwaukee, Wis. ....	48	.4375	48	.4375
Omaha, Nebr. ....	48	.4375	48	.4375
St. Louis, Mo. ....	50	.4200	48	.4583
St. Paul, Minn. ....	48	.4375	48	.4375
<i>South Central.</i>				
Birmingham, Ala. ....	48	.5417	48	.5417
Dallas, Tex. ....	48	.3750	48	.3750
Memphis, Tenn. ....	48	.5208	48	.5208
New Orleans, La. ....	48	.4375	48	.4375
<i>Western.</i>				
Denver, Colo. ....	48	.4375	48	.4375
Los Angeles, Cal. ....	48	.5000	48	.5000
Portland, Oreg. ....	48	.5000	48	.5000
San Francisco, Cal. ....	48	.6250	48	.6250
Seattle, Wash. ....	48	.5208	48	.5208

## ELECTROTYPERS: Molders.

<i>North Atlantic.</i>				
Boston, Mass. ....	48	\$0.5000	48	\$0.5000
Buffalo, N. Y. ....	48	.4375	48	.4375
New Haven, Conn. ....	54	.3333	54	.3704
New York, N. Y. ....	44	.6250	44	.6250
Philadelphia, Pa. ....	48	.4583	48	.4583
Pittsburgh, Pa. ....	48	.5000	48	.5000
Scranton, Pa. ....	48	.4583	48	.4583
<i>South Atlantic.</i>				
Atlanta, Ga. ....	48	.4583	48	.4583
Baltimore, Md. ....	48	.4375	48	.4375
Jacksonville, Fla. ....	48	.3750	48	.3750
Richmond, Va. ....	48	.3333	48	.3333
Washington, D. C. ....	44	.5000	44	.5000
<i>North Central.</i>				
Chicago, Ill. ....	48	.5208	48	.5417
Cincinnati, Ohio. ....	48	.4792	48	.4792
Cleveland, Ohio. ....	48	.4375	48	.4375
Detroit, Mich. ....	48	.3750	48	.3750
Indianapolis, Ind. ....	48	.4583	48	.4583
Kansas City, Mo. ....	48	.4375	48	.4375
Milwaukee, Wis. ....	48	.4375	48	.4375
Minneapolis, Minn. ....	54	.3611	54	.3611
Omaha, Nebr. ....	48	.4375	48	.4375
St. Louis, Mo.:				
Head molders. ....	50	.4800	48	.5208
Journeymen. ....	50	.4400	50	.4792
St. Paul, Minn. ....	48	.5000	48	.5000
<i>South Central.</i>				
Birmingham, Ala. ....	48	.5000	48	.5000
Dallas, Tex. ....	48	.4167	48	.4167
Memphis, Tenn. ....	48	.5208	48	.5208
New Orleans, La. ....	48	.4375	48	.4375
<i>Western.</i>				
Denver, Colo. ....	48	.5208	48	.5208
Los Angeles, Cal. ....	48	.5000	48	.5000
Portland, Oreg. ....	48	.5000	48	.5000
San Francisco, Cal. ....	48	.6250	48	.6250
Seattle, Wash. ....	48	.5208	48	.5208

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## LINOTYPE OPERATORS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	48	\$. 4583	48	\$. 4583
Buffalo, N. Y.....	48	.5000	48	.5000
Manchester, N. H.....	48	.3333	48	.3542
Newark, N. J.....	48	.4583	48	.4792
New Haven, Conn.....	48	.4583	48	.4583
New York, N. Y.:				
English union.....	48	.5213	48	.5417
German union.....	37½	.6533	37½	.6667
Hebrew union.....	36	.7778	36	.8056
Hungarian union.....	45	.4889	42	.5476
Italian union.....	48	.4063	48	.4375
Philadelphia, Pa.....	48	.4167	48	.4375
Pittsburgh, Pa.:				
English union.....	48	.4792	48	.4792
German union.....	48	.4688	48	.4688
Providence, R. I.....	48	.4792	48	.4792
Scranton, Pa.....	48	.4583	48	.4583
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.4375	48	.4375
Baltimore, Md.....	48	.4688	48	.4688
Jacksonville, Fla.....	48	.4375	48	.4375
Richmond, Va.....	48	.4167	48	.4167
Washington, D. C.....	48	.5000	48	.5000
<i>North Central.</i>				
Chicago, Ill:				
Bohemian union.....	36	.5600	36	.5600
English union.....	48	.5000	48	.5000
German union.....	48	.5000	48	.5000
Cincinnati, Ohio:				
English union.....	48	.4583	48	.4896
German union.....	48	.4375	48	.4375
Cleveland, Ohio:				
English union.....	48	.5375	48	.5375
Hungarian union.....	45	.4778	45	.5000
Detroit, Mich.....	48	.5000	48	.5500
Indianapolis, Ind.....	48	.5000	48	.5000
Kansas City, Mo.....	48	.5313	48	.5521
Milwaukee, Wis.:				
English union.....	48	.4688	48	.4792
German union.....	48	.4167	48	.5000
Minneapolis, Minn.....	48	.4792	48	.5000
Omaha, Nebr.....	48	.5000	48	.5000
St. Louis, Mo.:				
Bohemian union.....	48	.5000	48	.5000
English union.....	48	.5000	48	.5000
St. Paul, Minn.....	48	.4792	48	.5000
<i>South Central.</i>				
Birmingham, Ala.....	42	.5250	42	.5250
Dallas, Tex.....	48	1.1250	48	1.1250
Little Rock, Ark.....	48	.5000	48	.5000
Louisville, Ky.....	48	.4500	48	.4900
Memphis, Tenn.....	48	.5000	48	.6250
<i>Western.</i>				
Denver, Colo.....	48	.5313	48	.5313
Los Angeles, Cal.....	48	.5833	48	.5833
Portland, Oreg.....	48	.6563	48	.6563
Salt Lake City, Utah.....	48	.5625	48	.5625
San Francisco, Cal.:				
English text.....	54	.6445	45	.6445
Foreign text.....	45	.5778	45	.5778
Seattle, Wash.:				
.....	42	.7857	42	.8214

1 Per 1,000 ems, nonpareil.



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## MACHINE TENDERS.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	48	\$0.4583	48	\$0.4583
New York, N. Y.:				
Daywork--				
13 or more machines.....	48	.6563	48	.6563
9 to 12 machines.....	48	.6146	48	.6146
5 to 8 machines.....	48	.5521	48	.5521
1 to 4 machines.....	48	.5208	48	.5208
<i>South Atlantic.</i>				
Jacksonville, Fla.....	48	.4375	48	.4375
Washington, D. C.....	48	.5000	48	.5000
<i>North Central.</i>				
Cincinnati, Ohio: Machine tenders.....	48	.4583	48	.4896
Cleveland, Ohio: Machine tenders, English union.....	48	.5375	48	.5375
Kansas City, Mo.: Machinists.....	48	.6250	48	.6250
Minneapolis, Minn., machinists:				
Daywork.....	48	.4792	48	.5400
Nightwork.....	48	.5417	48	.6000
Omaha, Nebr., machine tenders:				
Daywork.....	48	.5000	48	.5000
Nightwork.....	48	.5625	48	.5625
St. Louis, Mo.: Machine tenders.....	48	.5000	48	.5000
<i>South Central.</i>				
Little Rock, Ark.....	48	.4167	48	.4167
Louisville, Ky.....	48	.4792	48	.4792
<i>Western.</i>				
Salt Lake City, Utah.....	48	.6250	48	.6250

## PRESS FEEDERS.

<i>North Atlantic.</i>				
Boston, Mass.: Cylinder presses.....	48	\$0.3125	48	\$0.3125
Buffalo, N. Y.:				
Cylinder presses.....	48	.2500	48	.2708
Platen presses.....	48	.1875	48	.2083
Newark, N. J.:				
Cylinder presses.....	48	.3125	48	.3333
Cylinder presses, assistant pressmen.....	48	.3542	48	.3750
New York, N. Y.:				
One automatic press.....	48	.3438	48	.3542
Two automatic presses.....	48	.3854	48	.3854
Job press.....	48	.2500	48	.2500
Philadelphia, Pa.:				
Cylinder presses, 25 by 38 or over.....	48	.2500	48	.2813
Cylinder presses, under 25 by 38.....	48	.2083	48	.2396
Cylinder presses, all others.....	48	.1771	48	.2083
Flat-bed perfecting press.....	48	.2708	48	.3021
Pittsburgh, Pa.:				
Cylinder presses.....	48	.2708	48	.2708
Platen presses.....	48	.1875	48	.1875
Providence, R. I., cylinder and platen presses.....	48	.2083	48	.2083
Scranton, Pa.:				
Cylinder presses.....	48	.2500	48	.2500
Platen presses.....	48	.1563	48	.1563

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## PRESS FEEDERS—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
<b>Atlanta, Ga.:</b>				
Cylinder presses.....	48	\$. 1771	48	\$. 1771
Platen presses.....	48	. 1458	48	. 1458
<b>Baltimore, Md.:</b>				
Cylinder presses.....	48	. 2292	48	. 2500
Platen presses.....	48	. 1563	48	. 1771
<b>Jacksonville, Fla.:</b>				
Cylinder presses.....	48	. 2083	48	. 2500
Platen presses.....	48	. 1667	48	. 1875
<b>Richmond, Va.:</b>				
Cylinder presses.....	48	. 2083	48	. 2083
Platen presses.....	48	. 1563	48	. 1563
<b>Washington, D. C.:</b>				
Cylinder presses.....	48	. 2500	48	. 2500
Platen presses.....	48	. 1771	48	. 1771
<i>North Central.</i>				
<b>Chicago, Ill.:</b>				
Cylinder presses.....	48	. 3438	48	. 3438
Press assistants, rotary presses or cylinder presses (patent insides).....	48	. 3750	48	. 3750
Pony presses, less than 25 by 38.....	48	. 2500	48	. 2500
Press assistants, platen presses.....	48	. 3125	48	. 3125
Colt and Universal presses.....	48	. 2292	48	. 2292
Platen presses.....	48	. 2188	48	. 2188
<b>Cincinnati, Ohio:</b>				
Automatic presses.....	48	. 3021	48	. 3229
Cylinder presses.....	48	. 2813	48	. 3021
<b>Cleveland, Ohio:</b>				
Operators and feeders on folding machines.....	48	. 3333	48	. 3333
Patent insides or newspaper feeders.....	48	. 3438	48	. 3438
Flat-bed, Harris, or automatic presses.....	48	. 3229	48	. 3229
Self-feeding or folding presses.....	48	. 2917	48	. 2917
Cylinder presses.....	48	. 2708	48	. 2708
Job press assistants.....	48	. 2396	48	. 2396
Pony presses.....	48	. 2188	48	. 2188
Platen presses.....	48	. 1979	48	. 1979
<b>Detroit, Mich.:</b>				
Cylinder presses.....	48	. 2708	48	. 2917
Press assistants.....	48	. 2708	48	. 2917
Platen presses.....	48	. 2292	48	. 2500
<b>Indianapolis, Ind.:</b>				
Press assistants.....	48	. 3125	48	. 3542
Newspaper feeders.....	48	. 3021	48	. 3438
Cylinder presses.....	48	. 2708	48	. 3125
Pony presses.....	48	. 1875	48	. 2500
<b>Kansas City, Mo.:</b>				
Patent insides, cylinder feed.....	48	. 3281	48	. 3281
Cylinder presses.....	48	. 3021	48	. 3021
Automatic presses.....	48	. 3021	48	. 3021
Pony presses.....	48	. 2708	48	. 2708
Platen presses.....	48	. 1875	48	. 2083
<b>Milwaukee, Wis.:</b>				
Cylinder presses, 25 by 38 and over.....	48	. 2917	48	. 3125
Cylinder presses with automatic feed.....	48	. 2917	48	. 3125
Cylinder presses, patent insides.....	48	. 3229	48	. 3438
Cylinder presses under 25 by 38.....	48	. 2083	48	. 2292
<b>Minneapolis, Minn.:</b>				
Cylinder presses.....	48	. 2552	48	. 2813
Platen presses.....	48	. 2083	48	. 2500
<b>Omaha, Nebr.:</b> Cylinder presses.....	48	. 2292	48	. 2292
<b>St. Louis, Mo.:</b>				
Cylinder presses, 24 by 36 and over.....	48	. 3125	48	. 3125
Aluminographic presses.....	48	. 3333	48	. 3333
Automatic presses.....	48	. 3125	48	. 3125
Lithographic presses over No. 2.....	48	. 3125	48	. 3125
Lithographic presses No. 2 or less.....	48	. 2500	48	. 2500
Pony presses.....	48	. 2500	48	. 2500
<b>St. Paul, Minn.:</b>				
Cylinder presses.....	48	. 2813	48	. 2813
Platen presses.....	48	. 2604	48	. 2604

**TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.**
**PRINTING TRADES: Book and Job—Continued.**
**PRESS FEEDERS—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Dallas, Tex.:				
Cylinder, commercial presses.....	48	\$0.2750	48	\$0.2750
Cylinder, publication presses.....	48	.3094	48	.3094
Little Rock, Ark.:				
Cylinder presses.....	48	.2708	48	.2708
Platen presses.....	48	.1458	48	.1458
Pony presses.....	48	.1875	48	.1875
Louisville, Ky.:				
Cylinder presses.....	48	.2292	48	.2292
Cylinder, automatic feed, and press assistants.....	48	.2708	48	.2708
Platen presses.....	48	.1563	48	.1563
Press assistants, 1 platen press.....	48	.2292	48	.2292
Memphis, Tenn.: Cylinder presses.....	48	.2417	48	.2708
New Orleans, La.: Cylinder presses.....	48	.3125	48	.3125
<i>Western.</i>				
Denver, Colo.:				
Cylinder presses.....	48	.3333	48	.3438
Platen presses.....	48	.1875	48	.1979
Press assistants.....	48	.3542	48	.3646
Los Angeles, Cal.:				
Cylinder presses.....	48	.3125	48	.3542
Platen presses.....	48	.2500	48	.2917
Portland, Oreg.:				
Cylinder presses.....	48	.3438	48	.3438
Platen presses.....	48	.2917	48	.2917
Salt Lake City, Utah: Cylinder presses.....	48	.2917	48	.2917
San Francisco, Cal.:				
Cylinder presses.....	48	.3438	48	.3438
Platen presses.....	48	.2813	48	.2813
Lithographic presses.....	48	.3438	48	.3438
Press assistants, cylinder presses, first year.....	48	.3542	48	.3542
Press assistants, cylinder presses, second year.....	48	.3646	48	.3646
Press assistants, platen presses, first year.....	48	.3021	48	.3021
Press assistants, platen presses, second year.....	48	.3125	48	.3125
Press assistants, oilers, brakemen, and tension men on rotary and magazine presses.....	48	.5313	48	.5313
Press assistants, fly, and packmen on rotary and magazine presses.....	48	.3750	48	.37
Seattle, Wash.:				
Cylinder presses.....	48	.3229	48	.3229
Press assistants (cylinder presses).....	48	.3438	48	.3438
Platen presses.....	48	.2708	48	.2708
Press assistants (platen presses).....	48	.3229	48	.3229

**PRESSMEN: Cylinder presses.**

<i>North Atlantic.</i>				
Boston, Mass.:				
Operatives of—				
Cylinder and rotary presses.....	48	\$0.5938	48	\$0.5938
1 or 2 presses.....	48	.4583	48	.4583
Buffalo, N. Y.: Operatives of 1 or 2 presses.....	48	.3854	48	.3854
Newark, N. J.:				
Operatives of—				
1 or 2 presses.....	48	.4792	48	.5000
2-color presses; one-machine process work, 1 or 2 machines.....	48	.5000	48	.5208
1 automatic press.....	48	.3750	48	.4167
New Haven, Conn.: Operatives of 1 or 2 presses.....	48	.3750	48	.3750
New York, N. Y.:				
Operatives of—				
1 or 2 presses.....	48	.5208	48	.5208
Cottrell or offset presses.....	48	.5625	48	.5625
Ticket or multipresses.....	48	.6250	48	.6250
Cartwright job presses.....	48		48	.4375
1 single-roll rotary press.....	48	.6771	48	.6771
Man in charge process press.....	48	.6979	48	.6979
Magazine presses.....	48	.7031	48	.7031
McKee process presses.....	48		48	.7292
Magazine presses, 2 feeders.....	48	.7813	48	.7813

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## PRESSMEN: Cylinder presses—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic—Concluded.</i>				
Philadelphia, Pa.:				
Operatives of—				
2-color, flat-bed presses with automatic feeders.....	48	\$0. 4583	48	\$0. 5417
2-color, flat-bed cylinder presses.....	48	. 4583	48	. 5000
1 flat-bed perfecting press with automatic feeders.....	48	. 4792	48	. 5000
2 presses with automatic feeders.....	48	. 4583	48	. 4792
1 flat-bed perfecting press.....	48	. 4375	48	. 4583
2 flat-bed presses.....	48	. 4375	48	. 4375
1 cylinder and 3 platen presses.....	48	. 4167	48	. 4375
Not over 2 Adams' presses.....	48	. 3646	48	. 3750
Overlay cutters.....	48	. 4167	48	. 4375
Web presses, book and job offices.....	48	. 5521	48	. 5729
Pittsburgh, Pa.:				
Operatives of—				
1 or 2 presses.....	48	3750	48	. 4167
2-cylinder press and platen presses.....	48	. 4375	48	. 4792
3-cylinder press and platen presses.....	48	. 4792	48	. 5208
Providence, R. I.: Operatives of cylinder presses.....	48	. 3542	48	. 3958
Scranton, Pa.: Operatives of 1 or 2 presses.....	48	. 4583	48	. 4583
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Operatives of—				
1 press.....	48	. 3125	48	. 3125
2 presses.....	48	. 3750	48	. 3750
Baltimore, Md.:				
Operatives of—				
2 single or 1 double press.....	48	. 4375	48	. 4375
1 or 2 single cylinders, 1 double cylinder, 1 cylinder and 2 platen or 1 magazine press.....	48	. 3750	48	. 3958
Charleston, S. C.: Operatives of 1 or 2 presses.....	48	. 3646	48	. 3646
Jacksonville, Fla.: Operatives of 1 or 2 presses.....	48	. 3750	48	. 3750
Richmond, Va.: Operatives of 1 or 2 presses.....	48	. 2917	48	. 2917
Washington, D. C.: Operatives of 1 or 2 presses.....	48	. 4167	48	. 4167
<i>North Central.</i>				
Chicago, Ill.:				
Operatives of—				
1 rotary, 3 or more color, or 2-color rotary, or double-roll rotary presses.....	48	. 5938	48	. 5938
Cox duplex, or Goss flat-bed, or 3-color process work, or double-cylinder sheet-feed rotary presses.....	48	. 5729	48	. 5729
Single-roll rotary presses.....	48	. 5417	48	. 5417
2 single, or 1 double, or 3 patent-inside blanket presses.....	48	. 5000	48	. 5000
Cincinnati, Ohio:				
Operatives of—				
1 rotary web press, first position.....	48	. 5833	48	. 5833
1 double or a 2-color press, over 53 inches.....	48	. 5417	48	. 5117
4 bag presses.....	48	. 5208	48	. 5208
1 rotary web press, second position, process or label work.....	48	. 5000	48	. 5000
2 single presses, over 53 inches.....	48	. 4792	48	. 4792
2 single presses, less than 53 inches, process or label work, or 2 single presses, less than 53 inches, or 1 perfecting press, or 1 cylinder and 2 platen presses.....	48	. 4583	48	. 4583
2 single-color Harris presses.....	48	. 3958	48	. 3958
1 single-color Harris press.....	48	. 3542	48	. 3542
Cleveland, Ohio:				
Operatives of—				
1 or 2 presses.....	48	. 3958	48	. 4167
Pony presses.....	48	. 3229	48	. 3438
Detroit, Mich.: Operatives of 1 or 2 presses.....	48	. 3750	48	. 3958
Indianapolis, Ind.: Operatives of 1 or 2 presses.....	48	. 4167	48	. 4479

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## PRESSMEN: Cylinder presses—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Kansas City, Mo.:				
Operatives of—				
1 press 24 by 36 or under .....	48	\$0.3750	48	\$0.3750
2 presses 24 by 36 or under, without foreman .....	48	.4375	48	.4375
2 presses 24 by 36 or under, with foreman .....	48	.3750	48	.3750
1 press over 38 by 56 .....	48	.4375	48	.4375
2 presses .....	48	.4375	48	.4375
1 cylinder and 2 platen presses .....	48	.4167	48	.4167
Milwaukee, Wis.:				
Operatives of—				
1 or 2 presses .....	48	.4375	48	.4375
1 single-color Harris press .....	48	.3542	48	.3542
Minneapolis, Minn.:				
Operatives of—				
1 or 2 presses .....	48	.4063	48	.4250
3 presses .....	48	.4479	48	.4896
Omaha, Neb.: Operatives of 1 or 2 presses .....	48	.3750	48	.3750
St. Louis, Mo.:				
Operatives of—				
1 press .....	48	.3542	48	.3542
2 presses less than 24 by 36 inches, or 1 single Harris press 15 by 18 inches or less .....	48	.3958	48	.3958
1 press less than 24 by 36 inches and 2 platen presses, or 1 press over 24 by 36 inches and 1 or 2 platen presses, or 1 press less than 24 by 36 inches and 3 platen presses .....	48	.4375	48	.4375
2 presses 24 by 36 inches and over, or 1 press over 24 by 36 inches and 3 platen presses, or 1 double press, or 1 two-color press, or 2 Kidder presses 15 by 18 inches or less, or 2 single Harris presses 15 by 18 inches or less, or 1 two-color Harris press 15 by 18 inches or less .....	48	.4688	48	.4688
1 multigraph press .....	48	.5208	48	.5208
1 single rotary press .....	48	.5313	48	.5313
1 cylinder press, 24 by 36 inches or over and 1 press with automatic feed .....	48	.4375	48	.4375
1 cylinder press less than 24 by 36 inches and 1 automatic press .....	48	.4688	48	.4688
1 cylinder press over 24 by 36 inches and 1 automatic press .....	48	.5208	48	.5208
St. Paul, Minn.:				
Operatives of—				
Triple rotary presses .....	49	.5510	49	.5918
Double rotary presses .....	49	.4898	49	.5306
2 Harris presses .....	49		49	.4796
2 automatic presses .....	49		49	.4796
Single rotary press .....	49	.4490	49	.4898
Double and single presses .....	49	.4388	49	.4796
Automatic press .....	49		49	.4286
Harris press .....	49		49	.4286
1 or 2 presses .....	49	.3980	49	.4286
<i>South Central.</i>				
Birmingham, Ala.:				
Operatives of—				
2 or more cylinder or other presses, foremen .....	48	.5000	48	.5000
1 cylinder or 1 or more platen presses, foremen .....	48	.4583	48	.4583
2 presses .....	48	.4063	48	.4063
1 press .....	48	.3333	48	.3333
Dallas, Tex.: Operatives of 1 cylinder and 2 platen presses .....	48	.4583	48	.4583
Little Rock, Ark.:				
Operatives of—				
2 presses .....	48	.4063	48	.4063
1 cylinder and 1 platen press .....	48	.3854	48	.3854
Cylinder and lithographic presses .....	48	.6250	48	.6250

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## PRESSMEN: Cylinder presses—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central—Concluded.</i>				
Louisville, Ky.:				
Operatives of—				
1 or 2 presses with automatic feed .....	48	\$0.4167	48	\$0.4167
1 or 2 presses .....	48	.3750	48	.3750
Large cylinder and 2 platen presses.....	48	.3750	48	.3750
2 Harris presses.....	48	.3750	48	.3750
Pony presses.....	48	.3125	48	.3125
Pony and 2 job presses.....	48	.3438	48	.3438
Memphis, Tenn.:				
Operatives of—				
2 cylinder presses, foremen.....	48	.4104	48	.4792
2 cylinder presses.....	48	.3698	48	.4375
1 cylinder press.....	48	.2948	48	.3438
New Orleans, La.:				
Operatives of—				
Cylinder presses.....	48	.4063	48	.4063
Cylinder and platen presses.....	48	.4063	48	.4063
<i>Western.</i>				
Denver, Colo.: Operatives of 1 or 2 presses.....	48	.5417	48	.5417
Los Angeles, Cal.:				
Operatives of—				
1 or 2 presses.....	48	.4375	48	.4688
1 cylinder and 2 platen presses.....	48	.4375	48	.4688
Portland, Oreg.:				
Operatives of—				
1 cylinder and 1 or 2 platen presses, foremen.....	48	.5625	48	.6250
1 cylinder and more than 2 platen presses, foremen.....	48	.5625	48	.6250
2 presses.....	48	.4688	48	.5313
1 press.....	48	.5000	48	.5000
Salt Lake City, Utah: Operatives of 1 or 2 presses.....	48	.4688	48	.4688
San Francisco, Cal.:				
Operatives of—				
1 press.....	48	.5000	48	.5000
2 presses.....	48	.5625	48	.5625
Cox duplex presses.....	48	.6250	48	.6250
Two-color presses.....	48	.5625	48	.5625
Coupon-ticket presses.....	48	.5000	48	.5000
Seattle, Wash.:				
Foremen.....	48	.5625	48	.5625
Operatives of 1 to 2 presses.....	48	.5104	48	.5104

## PRESSMEN: Platen presses.

<i>North Atlantic.</i>				
Boston, Mass.:				
Operatives of—				
Job presses.....	48	\$0.3958	48	\$0.3958
1 or 2 presses.....	48	.3542	48	.3542
Buffalo, N. Y.: Operatives of platen presses.....	48	.2917	48	.2917
Newark, N. J.:				
Operatives of—				
2 automatic presses.....	48	.4375	48	.4583
5 or 6 presses.....	48	.3958	48	.4167
3 or 4 presses.....	48	.3542	48	.3750
1 or 2 presses.....	48	.3125	48	.3333
New Haven, Conn.: Operatives of 1 to 3 presses.....	48	.3125	48	.3125
New York, N. Y.:				
Operatives of—				
4 single or 2 double Kidder, or 2 automatic or Kavmore presses.....	48	.5208	48	.5208
Nos. 6 to 18, one press.....	48	.4792	48	.4792
4 or 5 presses or automatic 2 presses.....	48	.4375	48	.4375
Automatic or Kavmore presses.....	48	.4167	48	.4167
1 to 3 presses, Nos. 1 to 7, 20 or 21, or 1 automatic press.....	48	.3958	48	.3958

TABLE II.--UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913--Continued.

## PRINTING TRADES: Book and Job--Continued.

## PRESSMEN: Platen presses--Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic--Concluded.</i>				
Philadelphia, Pa.:				
Operatives of--				
2 presses or 1 two-color press.....	48	\$0.4167	48	\$0.4583
Automatic platen presses (provers).....	48	.3750	48	.3958
More than 4 presses.....	48	.3542	48	.3750
3 or 4 presses.....	48	.3125	48	.3333
1 or 2 presses.....	48	.2708	48	.3021
Pittsburgh, Pa.: Operatives of 1 to 5 presses.....	48	.3750	48	.3750
Providence, R. I.:				
1 to 3 presses.....	48	.2813	48	.3125
Universal press, 14 by 22 and over.....			48	.3542
Scranton, Pa.:				
Operatives of--				
4 or more presses.....	48	.3125	48	.3125
1 to 3 presses.....	48	.2708	48	.2708
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Operatives of--				
1 press.....	48	.2917	48	.2917
2 presses.....	48	.3125	48	.3125
3 or more presses.....	48	.3438	48	.3438
Baltimore, Md.:				
Operatives of--				
1 to 3 presses.....	48	.2500	48	.2708
4 to 5 presses.....	48	.3125	48	.3333
Charleston, S. C.:				
Operatives of--				
1 or 2 presses.....	48	.2083	48	.2083
3 to 4 presses.....	48	.3125	48	.3125
Jacksonville, Fla.:				
Operatives of--				
1 or 2 presses.....	48	.2500	48	.2500
4 presses.....	48	.3125	48	.3125
7 presses.....	48	.3750	48	.4063
Richmond, Va.: Operatives of 2 or more presses.....	48	.2083	48	.2083
Washington, D. C.: Operatives of 1 to 3 presses.....	48	.3125	48	.3125
<i>North Central.</i>				
Chicago, Ill.:				
Operatives of--				
1 sheet-feed rotary or multicolor ticket, or 2 Kidder ticket, or 2 automatic, or 1 two-color Harris or 2 single Harris, or 1 cylinder press larger than 28 by 42 inches, with not more than 3 job presses.....	48	.5000	48	.5000
6 presses, or 1 cylinder not larger than 28 by 42 inches, with not more than 3 job presses.....	48	.4375	48	.4375
5 presses or proofers, or 1 job press.....	48	.4063	48	.4063
4 presses.....	48	.3750	48	.3750
3 presses or under.....	48	.3438	48	.3438
Cincinnati, Ohio:				
Operatives of--				
5 presses.....	48	.4063	48	.4063
4 presses.....	48	.3646	48	.3646
3 presses.....	48	.3229	48	.3229
1 or 2 presses.....	48	.3021	48	.3021
2 automatic presses.....	48	.4583	48	.4583
1 automatic press.....	48	.3854	48	.3854
Cleveland, Ohio:				
Operatives of--				
1 or 2 presses.....	48	.2500	48	.2708
3 presses.....	48	.2708	48	.2917
4 presses.....	48	.3021	48	.3229
5 or more presses.....	48	.3333	48	.3542
Detroit, Mich.:				
Operatives of--				
6 or more presses.....			48	.3958
4 or 5 presses.....			48	.3542
3 presses.....			48	.3125
2 presses.....			48	.2708

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Book and Job—Continued.

## PRESSMEN: Platen presses—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Indianapolis, Ind.:				
Operatives of—				
1 press.....	48	\$0.2292	48	\$0.2604
2 presses.....	48	.2708	48	.3021
3 presses.....	48	.3125	48	.3438
4 presses.....	48	.3542	48	.3854
5 presses.....	48	.3958	48	.4271
Kansas City, Mo.:				
Operatives of—				
1 press.....	48	.3125	48	.3125
2 presses.....	48	.3333	48	.3333
3 or 4 presses.....	48	.3542	48	.3542
5 to 7 presses.....	48	.3958	48	.3958
Milwaukee, Wis.:				
Operatives of—				
4 presses.....	48	.3542	48	.3750
3 presses.....	48	.3125	48	.3333
1 or 2 presses.....	48	.2708	48	.2917
Minneapolis, Minn.:				
Operatives of—				
1 to 3 presses.....	48	.2813	48	.3125
4 or more presses.....	48	.3229	48	.3525
Omaha, Nebr.:				
Operatives of—				
1 to 3 presses.....	48	.3125	48	.3125
4 presses.....	48	.3333	48	.3333
5 presses.....	48	.3542	48	.3542
St. Louis, Mo.:				
Operatives of—				
2 presses, or 1 press with automatic feed, or one 128-inch coupon press.....	48	.3125	48	.3125
3 presses.....	48	.3438	48	.3438
4 presses, or one 42-inch coupon press, or 1 press with automatic feed and 2 platen presses.....	48	.3750	48	.3750
1 automatic press.....	48	.3958	48	.3958
5 presses, or 2 presses with automatic feed and 1 platen press.....	48	.4063	48	.4063
St. Paul, Minn.:				
Operatives of—				
1 to 3 presses.....	49	.2551	49	.2908
4 or more presses.....	49	.3214	49	.3418
<i>South Central.</i>				
Birmingham, Ala.:				
Operatives of—				
10 or more presses.....	48	.4167	48	.4167
7 to 9 presses.....	48	.3958	48	.3958
4 to 6 presses.....	48	.3542	48	.3542
3 presses.....	48	.3333	48	.3333
1 or 2 presses.....	48	.3125	48	.3125
Dallas, Tex.:				
Operatives of—				
1 or 2 presses.....	48	.2750	48	.2750
3 presses.....	48	.3438	48	.3438
Little Rock, Ark.: Operatives of 4 presses.....	48	.3333	48	.3333
Louisville, Ky.:				
Operatives of—				
4 presses.....	48	.3750	48	.3750
3 presses.....	48	.3125	48	.3125
1 or 2 presses.....	48	.2500	48	.2500
Memphis, Tenn.:				
Operatives of—				
Automatic press.....			48	.3125
4 presses.....	48	.3000	48	.3438
3 presses.....	48	.2948	48	.3125
1 or 2 presses.....	48	.2313	48	.2813
New Orleans, La.: Operatives of 1 or 2 presses.....	48	.3438	48	.3438



**TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.**
**PRINTING TRADES: Book and Job—Concluded.**
**PRESSMEN: Platen presses—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Western.</i>				
Denver, Colo.:				
Operatives of—				
7 presses .....	48	\$0.5208	48	\$0.5208
6 presses .....	48	.5000	48	.5000
5 presses .....	48	.4583	48	.4583
3 or 4 presses .....	48	.4167	48	.4167
1 or 2 presses .....	48	.3750	48	.3750
Los Angeles, Cal.:				
Operatives of—				
More than 4 presses .....	48	.4167	48	.4479
4 presses .....	48	.3958	48	.4271
1 to 3 presses .....	48	.3750	48	.4063
Portland, Oreg.:				
Operatives of—				
3 presses .....	48	.4375	48	.5000
1 or 2 presses .....	48	.3750	48	.4375
Salt Lake City, Utah:				
Operatives of—				
7 presses <sup>1</sup> .....	48	.5000	48	.5000
5 or 6 presses .....	48	.4375	48	.4375
3 or 4 presses .....	48	.3750	48	.3750
1 or 2 presses .....	48	.3125	48	.3125
San Francisco, Cal.:				
Operatives of—				
3 presses .....	48	.5000	48	.5000
1 or 2 presses .....	48	.4375	48	.4375
Seattle, Wash.:				
Foremen, 3 or more presses .....	48	.5104	48	.5104
Operatives of 3 or more presses .....	48	.4479	48	.4479
Foremen, 1 or 2 presses .....	48	.4375	48	.4375
Operatives of less than 3 presses .....	48	.4167	48	.4167

**PRINTING TRADES: Newspaper.**
**COMPOSITORS: Daywork.**

<i>North Central.</i>				
Boston, Mass. ....	42	\$0.6300	42	\$0.6300
Buffalo, N. Y.:				
English union .....	48	.5000	48	.5000
German union .....	48	.3750	48	.3958
Fall River, Mass.:				
Sets advertisements, head men .....	48	.4167	48	.4583
Sets advertisements, assistant, and makers up .....	48	.3750	48	.4167
Floor hands, head setters, and head framers .....	48	.3333	48	.3750
Manchester, N. H. ....	48	.3333	48	.3542
Newark, N. J.:				
English union .....	46	.6087	46	.6087
German union, compositors and linotype operators .....	40	.5000	40	.5250
New Haven, Conn. ....	48	.4583	48	.4688
New York, N. Y.:				
Bohemian union .....	42	.4286	42	.4286
English union .....	45	.6444	45	.6667
German union .....	37½	.6533	37½	.6667
Hebrew union .....	36	.7778	36	.8056
Hungarian union .....	45	.5111	42	.5714
Italian union .....	48	.4333	48	.4667
Philadelphia, Pa.:				
English union .....	48	.4167	48	.4167
German union .....	48	.5000	48	.5250
Pittsburgh, Pa. ....	48	.5500	48	.5500
Providence, R. I. ....	48	.4792	48	.4792
Scranton, Pa. ....	48	.4375	48	.4792

<sup>1</sup> With an assistant.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## COMPOSITORS: Daywork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	\$0.4375	48	\$0.4375
Baltimore, Md.:				
English union.....	42	.5000	42	.5000
German union.....	48	.3125	48	.3125
Charleston, S. C.....	48	.3333	48	.3333
Jacksonville, Fla.....	48	.3750	48	.3750
Richmond, Va.....	48	.3333	48	.3333
Washington, D. C.....	42	.5786	42	.6071
<i>North Central.</i>				
Chicago, Ill.:				
Bohemian union.....	48	.4608	48	.4688
English union.....	45	.6200	45	.6200
English union (makers up).....	48	.6042	48	.6042
German union.....	48	.5000	48	.5682
Norwegian-Danish union.....	48	.5500	48	.5500
Polish union.....	48	.4167	48	.4167
Swedish union.....	48	.4688	48	.4688
Cincinnati, Ohio.....	47½	.5244	47½	.5244
Cleveland, Ohio:				
English union.....	48	.5375	48	.5375
German union.....	48	.3750	48	.4167
Hungarian union.....	45	.4444	45	.5000
Detroit, Mich.:				
English union.....	48	.5000	48	.5500
German union.....	48	.3750	48	.3750
Indianapolis, Ind.:				
English union.....	48	.5000	48	.5000
English union (baakmen).....	48	.4790	48	.4792
German union.....	48	.3958	48	.4271
Kansas City, Mo.....	48	.5625	48	.5938
Milwaukee, Wis.:				
English union.....	48	.4479	48	.4583
German union.....	48	.3750	48	.4167
Minneapolis, Minn.:				
English union.....	48	.4792	48	.5400
German union.....	48	.4063	48	.4063
Omaha, Nebr.....	48	.5000	48	.5000
St. Louis, Mo.:				
English union.....	46	.5870	46	.5870
German union.....	40	.5867	40	.5867
St. Paul, Minn.:				
English union.....	48	.5104	48	.5450
German union.....	48	.4063	48	.4063
<i>South Central.</i>				
Birmingham, Ala.....	42	.5250	42	.5250
Dallas, Tex.....	48	.5500	48	.5500
Little Rock, Ark.....	48	.4583	48	.4792
Louisville, Ky.....	48	.4700	48	.4900
Memphis, Tenn.:				
Sets advertisements, head men.....	48	.5208	48	.6222
Journeymen.....	48	.5000	45	.5778
New Orleans, La.....	48	.5500	48	.5500
<i>Western.</i>				
Denver, Colo.....	45	.6333	45	.6333
Los Angeles, Cal.....	45	.6222	45	.6222
Portland, Oreg.....	45	.6833	45	.6833
Salt Lake City, Utah.....	48	.6250	48	.6250
San Francisco, Cal.:				
English union.....	45	.6444	45	.6444
Foreign union.....	45	.5778	45	.5778
Seattle, Wash.....	42	.7143	42	.7500

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## COMPOSITORS: Nightwork.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.:				
Regular shift.....	42	\$0.6700	42	\$0.6700
Lobster shift.....	42	.7200	42	.7200
Buffalo, N. Y.....	48	.5625	48	.5625
Manchester, N. H.....	48	.4167	48	.4167
Newark, N. J.:				
English union.....	46	.6739	46	.6739
German union, compositors and linotype operators.....	40	.5625	40	.5875
New Haven, Conn.....	48	.5208	48	.5313
New York, N. Y.:				
English union.....	45	.7111	45	.7333
German union.....	37½	.7200	37½	.7333
Hebrew union.....	27	1.0370	27	1.0741
Hungarian union.....	45	.5556	42	.6190
Italian union.....	42	.5119	42	.5476
Philadelphia, Pa.:				
English union.....	46	.4783	46	.4783
English union, lobster shift.....	42	.5238	42	.5238
German union.....	40	.5500	40	.5750
Pittsburgh, Pa.:				
English union.....	48	.6000	48	.6000
German union.....	48	.5313	48	.5313
Providence, R. I.....	45	.5556	45	.5556
Scranton, Pa.....	48	.5000	48	.5417
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.5000	48	.5000
Baltimore, Md.:				
English union.....	42	.5143	42	.5143
German union.....	40	.4375	40	.4375
Charleston, S. C.....	48	.3333	48	.3333
Jacksonville, Fla.....	42	.5000	42	.5000
Richmond, Va.....	48	.3750	48	.3750
Washington, D. C.....	42	.6343	42	.6657
<i>North Central.</i>				
Chicago, Ill.:				
English union.....	45	.6700	45	.6700
English union (makers up).....	48	.6458	48	.6458
German union.....	48	.5521	44	.6250
Norwegian-Danish union.....	48	.6000	48	.6000
Cincinnati, Ohio:				
English union.....	48	.5833	48	.5833
German union.....	40	.5000	40	.5000
Cleveland, Ohio.....	48	.6000	48	.6000
Detroit, Mich.....	48	.5500	48	.6000
Indianapolis, Ind.:				
English union.....	48	.5417	48	.5417
English union (bankmen).....	48	.5208	48	.5208
Kansas City, Mo.....	48	.5625	48	.5938
Milwaukee, Wis.:				
English union.....	48	.5208	48	.5208
German union.....	48	.4375	48	.4792
Minneapolis, Minn.....	48	.5417	48	.6000
Omaha, Nebr.....	48	.5625	48	.5625
St. Louis, Mo.:				
English union.....	45	.6667	45	.6667
German union.....	40	.6667	40	.6667
St. Paul, Minn.....	48	.5729	48	.6100
<i>South Central.</i>				
Birmingham, Ala.....	42	.5750	42	.5750
Dallas, Tex.....	48	.6250	48	.6250
Little Rock, Ark.....	48	.5000	48	.5000
Louisville, Ky.:				
English union.....	48	.5200	48	.5400
German union.....	40	.4500	40	.4500
Memphis, Tenn.:				
Sets advertisements, head men.....	48	.6250	48	.6250
Journeymen.....	48	.5700	48	.5700
New Orleans, La.....	48	.6000	48	.6000

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## COMPOSITORS: Nightwork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>Western.</i>				
Denver, Colo.....	45	\$0.7000	45	\$0.7000
Los Angeles, Cal.....	45	.6889	45	.6889
Portland, Oreg.....	45	.7500	45	.7500
Salt Lake City, Utah.....	48	.6875	48	.6875
San Francisco, Cal.:				
English union.....	45	.7111	45	.7111
Foreign union.....	45	.6444	45	.6444
Seattle, Wash.....	42	.7857	42	.8214

## LINO TYPE OPERATORS: Daywork.

<i>North Atlantic.</i>				
Boston, Mass.....	42	\$0.6300	42	\$0.6300
Buffalo, N. Y.:				
English union.....	48	.5000	48	.5000
German union.....	48	.3750	48	.3983
Fall River, Mass.....	48	.4167	48	.4583
Manchester, N. H.....	48	.3333	48	.3542
Newark, N. J.....	46	.6087	46	.6087
New Haven, Conn.....	48	.4583	48	.4683
New York, N. Y.:				
Bohemian union.....	42	.4762	42	.4762
English union.....	45	.6444	45	.6667
German union.....	37½	.6333	37½	.6667
Hebrew union.....	36	.7778	36	.8056
Hungarian union.....	45	.5111	42	.5714
Italian union.....	48	.4063	48	.4375
Philadelphia, Pa.:				
English union.....	48	.4583	48	.4583
German union.....	40	.5000	40	.5250
Pittsburgh, Pa.....	48	.3500	48	.3500
Providence, R. I.....	48	.4792	48	.4792
Do.....	48	1.1100	48	1.1100
Scranton, Pa.....	48	.4583	48	.4792
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	1.0850	48	1.0850
Baltimore, Md.....	42	.5357	42	.5357
Charleston, S. C.....	48	1.1000	48	1.1000
Jacksonville, Fla.....	48	1.0900	48	1.0900
Richmond, Va.....	48	.4167	48	.4167
Washington, D. C.....	42	.5786	42	.6071
<i>North Central.</i>				
Chicago, Ill.:				
English union.....	48	2.5000	48	2.5000
German union.....	48	.5000	44	.5682
Norwegian-Danish union.....	48	.5000	48	.5000
Polish union.....	48	.5000	48	.5000
Swedish union.....	48	.5000	48	.5000
Cincinnati, Ohio.....	47½	.5244	47½	.5244
Cleveland, Ohio:				
English union.....	48	.5375	48	.5375
German union.....	48	.4375	48	.4583
Hungarian union.....	45	.4778	48	.5000
Detroit, Mich.:				
English union.....	48	3.2400	48	3.2400
English union.....	48	.5090	48	.5500
German union.....	40	.5000	40	.5900
Indianapolis, Ind.:				
English union.....	48	.5000	48	.5000
German union.....	48	.4583	48	.5000
Kansas City, Mo.....	48	.5625	48	.5938

<sup>1</sup> Per 1,000 ems, nonpareil.<sup>2</sup> For 3,200 ems per hour; 55 cents for 5,000 ems and \$0.0105 for each 100 ems over 5,000 ems.<sup>3</sup> For 100 lines, nonpareil.

**TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.**
**PRINTING TRADES: Newspaper—Continued.**
**LINOTYPE OPERATORS: Daywork—Concluded.**

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
Milwaukee, Wis.:				
English union.....	48	\$0.4479	48	\$0.4583
German union.....	48	.4167	48	.4375
Minneapolis, Minn.....	48	1.1000	48	1.1050
Omaha, Nebr.....	48	.5000	48	.5000
St. Louis, Mo.:				
English union.....	48	1.1100	48	1.1100
German union.....	40	.5867	40	.5867
St. Paul, Minn.:				
English union.....	48	.5104	48	.5450
English union.....	48	1.0900	48	1.1000
German union.....	48	.4063	48	.4063
<i>South Central.</i>				
Birmingham, Ala.....	48	.5250	48	.5250
Do.....	48	.5250	48	1.0900
Dallas, Tex.....	48	1.1250	48	1.1250
Little Rock, Ark.....	42	1.0950	42	1.0950
Louisville, Ky.: English union.....	48	.4900	48	.4900
Memphis, Tenn.....	48	1.0950	48	1.0950
New Orleans, La.....	48	1.1000	48	1.1000
<i>Western.</i>				
Denver, Colo.....	45	.6333	45	.6333
Los Angeles, Cal.....	45	.6222	45	.6222
Portland, Oreg.....	45	.6833	45	.6833
Salt Lake City, Utah.....	48	1.1000	48	1.1000
San Francisco, Cal.:				
English union.....	45	.6444	45	.6444
Foreign union.....	45	.5778	45	.5778
Seattle, Wash.....	42	.7143	42	.7500

**LINOTYPE OPERATORS: Nightwork.**

<i>North Atlantic.</i>				
Boston, Mass.:				
Regular shift.....	42	\$0.6700	42	\$0.6700
Lobster shift.....	42	.7200	42	.7200
Buffalo, N. Y.:				
English union.....	48	.5625	48	.5625
German union.....	48	.4167	48	.4375
Manchester, N. H.....	48	.4167	48	.4167
Newark, N. J.....	46	.6739	46	.6739
New Haven, Conn.....	48	.5208	48	.5313
New York, N. Y.:				
English union.....	45	.7111	45	.7333
German union.....	37½	.7200	37½	.7333
Hebrew union.....	27	1.0370	27	1.0741
Hungarian union.....	45	.5556	42	.6190
Italian union.....	42	.5119	42	.5476
Philadelphia, Pa.:				
Regular shift.....	46	.5435	46	.5435
Lobster shift.....	42	.5238	42	.5238
Pittsburgh, Pa.:				
English union.....	48	.6000	48	.6000
German union.....	48	.5313	48	.5313
Providence, R. I.....	45	1.1200	45	1.1200
Do.....	45	.5556	45	.5556
Scranton, Pa.....	48	.5208	48	.5417

1 Per 1,000 ems, nonpareil.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## LINOTYPE OPERATORS: Nightwork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	<sup>1</sup> \$0.1000	48	<sup>1</sup> \$0.1000
Baltimore, Md.:				
English union.....	42	.5714	42	.5714
German union.....	40	.4375	40	.4375
Charleston, S. C.....	48	<sup>1</sup> .1100	48	<sup>1</sup> .1100
Jacksonville, Fla.....	42	<sup>1</sup> .1000	42	<sup>1</sup> .1000
Richmond, Va.....	48	.4583	48	.4583
Washington, D. C.....	42	.6343	42	.6657
<i>North Central.</i>				
Chicago, Ill.:				
English union.....	48	<sup>2</sup> .5500	48	<sup>2</sup> .5500
German union.....	48	.5521	44	.6250
Norwegian-Danish union.....	48	.5500	48	.5500
Swedish union.....			48	.5500
Cincinnati, Ohio:				
English union.....	48	.5833	48	.5833
German union.....	40	.5000	40	.5000
Cleveland, Ohio.....	48	.6000	48	.6000
Detroit, Mich.:				
English union.....	48	<sup>3</sup> .2600	48	<sup>3</sup> .2600
English union.....	48	.5500	48	.6000
Indianapolis, Ind.....	48	.5417	48	.5417
Kansas City, Mo.....	48	.5625	48	.5833
Milwaukee, Wis.:				
English union.....	48	.5208	48	.5208
German union.....	48	.4792	48	.5000
Minneapolis, Minn.....	42	<sup>1</sup> .1100	42	<sup>1</sup> .1150
Omaha, Nebr.....	48	.5625	48	.5625
St. Louis, Mo.:				
English union.....	48	<sup>1</sup> .1300	48	<sup>1</sup> .1300
German union.....	40	.6667	40	.6667
St. Paul, Minn.:				
English union.....	48	<sup>1</sup> .1000	48	<sup>1</sup> .1100
German union.....	48	.4688	48	.4688
<i>South Central.</i>				
Birmingham, Ala.....	48	<sup>1</sup> .1000	48	<sup>1</sup> .1000
Dallas, Tex.....	48	<sup>1</sup> .1350	48	<sup>1</sup> .1350
Little Rock, Ark.....	42	<sup>1</sup> .1000	42	<sup>1</sup> .1000
Louisville, Ky.:				
English union.....	48	.5400	48	.5400
German union.....	40	.4750	40	.4750
Memphis, Tenn.....	48	<sup>1</sup> .1050	48	<sup>1</sup> .1050
New Orleans, La.....	45	<sup>1</sup> .1200	45	<sup>1</sup> .1200
<i>Western.</i>				
Denver, Colo.....	45	.7000	45	.7000
Los Angeles, Cal.....	45	.6889	45	.6889
Portland, Oreg.....	45	.7500	45	.7500
Salt Lake City, Utah.....	48	<sup>1</sup> .1100	48	<sup>1</sup> .1100
San Francisco, Cal.:				
English union.....	45	.7111	45	.7111
Foreign union.....	45	.6444	45	.6444
Seattle, Wash.....	42	.7857	42	.8214

<sup>1</sup> Per 1,000 ems, nonpareil.<sup>2</sup> For 3,200 ems per hour; 60 cents for 5,000 ems, and \$0.0110 for each 100 ems over 5,000 ems.<sup>3</sup> For 106 lines, nonpareil.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## MACHINE TENDERS: Daywork.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	42	\$0.6300	42	\$0.6300
Buffalo, N. Y.....	48	.5833	48	.5833
Fall River, Mass.....	48	.4167	48	.4583
Manchester, N. H.....	48	.5208	48	.5208
New Haven, Conn.....	48	.4896	48	.5000
New York, N. Y.:				
5 to 8 machines.....	45	.5778	45	.5778
13 or more machines.....	45	.6889	45	.6889
Philadelphia, Pa.....	48	.4583	48	.4583
Pittsburgh, Pa.....	48	.6250	48	.6250
Providence, R. I.....	48	.4792	48	.4792
Scranton, Pa.....	48	.4583	48	.4792
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.5208	48	.5208
Jacksonville, Fla.....	48	.4375	48	.4375
Richmond, Va.....	48	.4167	48	.4167
Washington, D. C.....	42	.5786	42	.6071
<i>North Central.</i>				
Chicago, Ill.....	48	.6042	48	.6042
Cincinnati, Ohio.....	48	.5208	48	.5208
Cleveland, Ohio.....	48	.5375	48	.5375
Detroit, Mich.....	48	.4375	48	.4375
Kansas City, Mo.....	48	.6250	48	.6250
Minneapolis, Minn.....	48	.4792	48	.5400
Omaha, Nebr.....	48	.5000	48	.5000
St. Louis, Mo.....	46	.5870	46	.5870
St. Paul, Minn.....	48	.5104	48	.5450
<i>South Central.</i>				
Birmingham, Ala.....	42	.5250	42	.5250
Dallas, Tex.....	48	.6250	48	.6250
Little Rock, Ark.....	48	.5000	48	.5000
Louisville, Ky.:				
14 to 18 machines.....	48	.6250	48	.6250
19 to 25 machines.....	48	.6667	48	.6667
Memphis, Tenn.....	48	.5208	45	.6667
New Orleans, La.....	42½	.5500	42½	.5500
<i>Western.</i>				
Denver, Colo.....	45	.6333	45	.6333
Los Angeles, Cal.....	45	.6222	45	.6222
Portland, Oreg.....	45	.6833	45	.6833
San Francisco, Cal.....	45	.7111	45	.7111
Seattle, Wash.....	42	.7143	42	.7500

## MACHINE TENDERS: Nightwork.

<i>North Atlantic.</i>				
Boston, Mass.:				
Regular shift.....	42	\$0.6700	42	\$0.6700
Lobster shift.....	42	.7200	42	.7200
Buffalo, N. Y.....	48	.5833	48	.5833
Manchester, N. H.....	48	.4792	48	.4792
New Haven, Conn.....	48	.5833	48	.5938
New York, N. Y.:				
5 to 8 machines.....	45	.6889	45	.6889
13 or more machines.....	45	.8000	45	.8000
Philadelphia, Pa.....	46	.5435	46	.5435
Pittsburgh, Pa.....	48	.6250	48	.6250
Providence, R. I.....	45	.5556	45	.5556
Scranton, Pa.....	48	.5208	48	.5417

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## MACHINE TENDERS: Nightwork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	\$0.5729	48	\$0.5729
Charleston, S. C.....	42	.8333	42	.8333
Richmond, Va.....	48	.4583	48	.4583
Washington, D. C.....	42	.6343	42	.6657
<i>North Central.</i>				
Chicago, Ill.....	48	.6458	48	.6458
Cincinnati, Ohio.....	48	.5833	48	.5833
Cleveland, Ohio.....	48	.6000	48	.6000
Detroit, Mich.....	48	.5000	48	.5000
Kansas City, Mo.....	48	.6250	48	.6250
Minneapolis, Minn.....	48	.5417	48	.6000
Omaha, Nebr.....	48	.5625	48	.5625
St. Louis, Mo.....	45	.6667	45	.6667
St. Paul, Minn.....	48	.5729	48	.6100
<i>South Central.</i>				
Birmingham, Ala.....	42	.5750	42	.5750
Dallas, Tex.....	48	.7292	48	.7292
Little Rock, Ark.....	48	.5833	48	.5833
Louisville, Ky.:				
14 to 18 machines.....	48	.6250	48	.6250
19 to 25 machines.....	48	.6667	48	.6667
Memphis, Tenn.....	48	.6250	48	.6250
New Orleans, La.....	45	.6111	45	.6111
<i>Western.</i>				
Denver, Colo.....	45	.7000	45	.7000
Los Angeles, Cal.....	45	.6889	45	.6889
Portland, Oreg.....	45	.7500	45	.7500
San Francisco, Cal.....	45	.7777	45	.7777
Seattle, Wash.....	42	.7857	42	.8214

## PRESSMEN, WEB PRESSES: Daywork.

<i>North Atlantic.</i>				
Boston, Mass.:				
Head pressmen.....	42	\$0.5929	42	\$0.5929
Brakemen.....	42	.5571	42	.5571
Tension men, oilers, and platers.....	42	.4929	42	.4929
Buffalo, N. Y.:				
Head pressmen.....	48	.5000	48	.5000
Tension men.....	48	.3542	48	.3750
Oilers, platers, and brakemen.....	48	.3333	48	.3542
Floor men.....	48	.2500	48	.2500
Fall River, Mass.....	48	.4167	48	.5208
Newark, N. J.:				
Head pressmen.....	48	.5833	48	.6250
Tension men, floor men, oilers, and platers.....	48	.4792	48	.5000
New Haven, Conn.:				
Head pressmen.....	54	.5556	54	.5556
Journeymen.....	54	.3889	54	.3889
New York, N. Y.:				
Head pressmen.....	45	.6667	45	.6893
Journeymen.....	45	.5333	45	.5560
Philadelphia, Pa.:				
Head pressmen.....	48	.5208	48	.5208
Brakemen and tension men.....	48	.3750	48	.3750
Oilers and platers, floor men.....	48	.3438	48	.3438
Pittsburgh, Pa.:				
Head pressmen.....	48	.4689	48	.4689
First assistant.....	48	.4063	48	.4063
Second assistant.....	48	.4000	48	.4000
Third assistant.....	48	.4000	48	.4000
Fourth assistant.....	48	.3750	48	.3750
Providence, R. I.:				
Head pressmen.....	48	.4313	48	.4313
Brakemen, tension men, oilers, and platers.....	48	.4125	48	.4128
Scranton, Pa.....	48	.5208	48	.5205



TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## PRESSMEN, WEB PRESSES: Daywork—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Head pressmen.....	48	\$0.5000	48	\$0.5000
Tension men.....	48	.4375	48	.4375
Oilers, platers, and floor men.....	48	.3750	48	.4375
Baltimore, Md.:				
Head pressmen.....	48	.5000	48	.5000
First assistants.....	48	.3750	48	.3750
Second assistants.....	48	.3438	48	.3438
Charleston, S. C.:				
Head pressmen.....	48	.4688	48	.4688
Assistant pressmen.....	48	.2917	48	.2917
Jacksonville, Fla.:				
Head pressmen.....	48	.3750	48	.3750
Brakemen and tension men.....	48	.3125	48	.3125
Oilers and platers.....	48	.2500	48	.2500
Richmond, Va.:				
Head pressmen.....	48	.4583	48	.4583
Assistant pressmen.....	48	.2917	48	.2917
Washington, D. C.:				
Head pressmen.....	48	.4479	48	.4479
Tension men.....	48	.3036	48	.3036
Oilers and platers.....	48	.2857	48	.2857
<i>North Central.</i>				
Chicago, Ill.:				
Head pressmen.....	48	.5000	48	.5000
Brakemen and tension men.....	48	.4375	48	.4375
Oilers and platers.....	48	.4063	48	.4063
Cincinnati, Ohio:				
Head pressmen.....	48	.5000	48	.5000
Tension men.....	48	.4375	48	.4375
Oilers and platers.....	48	.4063	48	.4063
Cleveland, Ohio:				
Head pressmen.....	48	.4688	48	.4688
Tension men and brakemen.....	48	.4000	48	.4000
Oilers and platers.....	48	.3281	48	.3281
Detroit, Mich.:				
Head pressmen.....	48	.4792	48	.4792
Tension men.....	48	.4063	48	.4063
Oilers and platers.....	48	.4063	48	.4063
Floor men and fly men.....	48	.3750	48	.3750
Indianapolis, Ind.:				
Head pressmen.....	48	.5208	48	.5208
Tension men and brakemen.....	48	.4167	48	.4375
Oilers and platers.....	48	.3958	48	.4063
Riggers.....	48	.2917	48	.3333
Kansas City, Mo.:				
Head pressmen.....	48	.5000	48	.5000
Journeymen.....	48	.4375	48	.4375
Milwaukee, Wis.:				
Head pressmen.....	48	.4375	48	.4375
Journeymen.....	48	.3963	48	.3963
Minneapolis, Minn.:				
Head pressmen.....	54	.4074	54	.4444
Tension men.....	54	.3333	54	.3611
Oilers and platers.....	54	.2963	54	.3241
Omaha, Nebr.:				
Head pressmen.....	48	.3750	48	.3750
Tension men.....	48	.3750	48	.3750
Press assistants.....	48	.2500	48	.2500
St. Louis, Mo.:				
Head pressmen.....	48	.5438	48	.5750
Journeymen.....	48	.4563	48	.4875
St. Paul, Minn.:				
Head pressmen.....	48	.4375	48	.4375
Oilers and platers.....	48	.3750	48	.3750
Tension men.....	48	.3750	48	.3750

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## PRESSMEN, WEB PRESSES: Daywork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>South Central.</i>				
Birmingham, Ala.:				
Head pressmen, weekly.....	48	\$0.7292	48	\$0.7292
Head pressmen.....	48	.6250	48	.6250
Pressmen, weekly.....	48	.5000	48	.5000
Pressmen.....	48	.5000	48	.5000
Assistant pressmen, weekly.....	48	.3438	48	.3438
Assistant pressmen.....	48	.3438	48	.3438
Dallas, Tex.:				
Head pressmen.....	48	.6250	48	.6250
Journeymen.....	48	.4375	48	.4375
Little Rock, Ark.:				
Head pressmen.....	48	.6250	48	.6250
Pressmen.....	48	.3438	48	.3438
Louisville, Ky.:				
Head pressmen.....	48	.4375	48	.4375
Tension men.....	48	.3750	48	.3750
Oilers and platers.....	48	.3750	48	.3750
Memphis, Tenn.:				
Head pressmen.....	48	.5000	48	.5000
Journeymen.....	48	.4375	48	.4375
New Orleans, La.:				
Head pressmen.....	48	.5357	48	.5357
Assistant foremen.....	48	.3393	48	.3393
Second assistant foremen.....	48	.3036	48	.3036
Tension men.....	48	.3393	48	.3393
Brakemen.....	48	.3036	48	.3036
Oilers and platers.....	48	.2857	48	.2857
<i>Western.</i>				
Denver, Colo.:				
Head pressmen.....	48	.6250	48	.6250
Journeymen.....	48	.5000	48	.5000
Los Angeles, Cal.:				
Head pressmen.....	48	.5833	48	.5833
Tension men.....	48	.5521	48	.5521
Journeymen.....	48	.5208	48	.5208
Portland, Oreg.:				
Head pressmen.....	48	.6875	48	.6875
Journeymen.....	48	.5313	48	.5313
Salt Lake City, Utah:				
Head pressmen.....	48	.6250	48	.6250
Journeymen.....	48	.4688	48	.4688
San Francisco, Cal.:				
Head pressmen.....	45	.6889	45	.6889
Tension men.....	45	.6067	45	.6067
Oilers and platers.....	45	.5667	45	.5667
General utility men.....	45	.5267	45	.5267
Seattle, Wash.:				
Head pressmen.....	48	.6250	48	.6250
Journeymen.....	48	.5625	48	.5625

## PRESSMEN, WEB PRESSES: Nightwork.

<i>North Atlantic.</i>				
Boston, Mass.:				
Head pressmen.....	36	\$0.6917	36	\$0.6917
Brakemen.....	36	.6500	36	.6500
Tension men, oilers, and platers.....	36	.5750	36	.5750
Buffalo, N. Y.:				
Head pressmen.....	48	.5000	42	.5714
Tension men.....	48	.3542	42	.4286
Oilers, platers, and brakemen.....	48	.3333	42	.4048
Floor men.....	48	.2500	42	.2857
Newark, N. J.:				
Head pressmen.....	36	.5833	36	.6250
Tension men, floor men, oilers and platers.....	36	.6389	36	.6667

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES: Newspaper—Continued.

## PRESSMEN, WEB PRESSES; Nightwork—Continued.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic—Concluded.</i>				
New Haven, Conn.:				
Head pressmen.....	36	\$.6944	36	\$.6944
Journeymen.....	36	.5000	36	.5000
New York, N. Y.:				
Head pressmen.....	38	.8158	38	.8421
Journeymen.....	38	.6579	38	.6842
Philadelphia, Pa.:				
Head pressmen.....	48	.5208	48	.5208
Brakemen and tension men.....	48	.3750	48	.3750
Oilers and platers, floor men.....	48	.3438	48	.3438
Pittsburgh, Pa.:				
Head pressmen.....	48	.4689	48	.4689
First assistant.....	48	.4063	48	.4063
Second assistant.....	48	.4000	48	.4000
Third assistant.....	48	.4000	48	.4000
Fourth assistant.....	48	.3750	48	.3750
Providence, R. I.:				
Head pressmen.....	42	.5196	42	.5196
Brakemen, tension men, oilers, and platers.....	42	.4714	42	.4714
Scranton, Pa.:	48	.5208	48	.5208
<i>South Atlantic.</i>				
Atlanta, Ga.:				
Head pressmen.....	48	.5000	48	.5000
Tension men.....	48	.4375	48	.4375
Oilers, platers, and floor men.....	48	.3750	48	.4375
Charleston, S. C.:				
Head pressmen.....	48	.4688	48	.4688
Assistant pressmen.....	48	.2917	48	.2917
Jacksonville, Fla.:				
Head pressmen.....	48	.3750	48	.3750
Brakemen and tension men.....	48	.3125	48	.3125
Oilers and platers.....	48	.2500	48	.2500
Richmond, Va.:				
Head pressmen.....	48	.4583	48	.4583
Assistant pressmen.....	48	.2917	48	.2917
Washington, D. C.:				
Head pressmen.....	48	.4911	48	.4911
Tension men.....	48	.3036	48	.3036
Oilers and platers.....	48	.2857	48	.2857
<i>North Central.</i>				
Chicago, Ill.:				
Head pressmen.....	42	.5714	42	.5714
Brakemen and tension men.....	42	.5000	42	.5000
Oilers and platers.....	42	.4643	42	.4643
Cincinnati, Ohio:				
Head pressmen.....	48	.5000	48	.5000
Tension men.....	48	.4375	48	.4375
Oilers and platers.....	48	.4063	48	.4063
Cleveland, Ohio:				
Head pressmen.....	42	.5357	42	.5357
Tension men and brakemen.....	42	.4571	42	.4571
Oilers and platers.....	42	.3750	42	.3750
Detroit, Mich.:				
Head pressmen.....	48	.4792	48	.4792
Tension men.....	48	.4063	48	.4063
Oilers and platers.....	48	.4063	48	.4063
Floor men and flymen.....	48	.3750	48	.3750
Indianapolis, Ind.:				
Head pressmen.....	48	.5208	48	.5521
Tension men and brakemen.....	48	.4375	48	.4688
Oilers and platers.....	48	.3958	48	.4375
Riggers.....	48	.2917	48	.3646
Kansas City, Mo.:				
Head pressmen.....	48	.5000	48	.5000
Journeymen.....	48	.4375	48	.4375
Milwaukee, Wis.:				
Head pressmen.....	48	.4375	48	.4375
Journeymen.....	48	.3963	48	.3963

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

## PRINTING TRADES; Newspaper—Continued.

## PRESSMEN, WEB PRESSES: Nightwork—Concluded.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Central—Concluded.</i>				
<b>Omaha, Nebr.:</b>				
Head pressmen.....	48	\$0.3750	48	\$0.3750
Tension men.....	48	.3750	48	.3750
Press assistants.....	48	.2500	48	.2500
<b>St. Louis, Mo.:</b>				
Head pressmen.....	45	.5800	45	.6133
Journeyman.....	45	.4867	45	.5200
<b>St. Paul, Minn.:</b>				
Head pressmen.....	48	.4375	48	.4375
Oilers and platers.....	48	.3750	48	.3750
Tension men.....	48	.3750	48	.3750
<i>South Central.</i>				
<b>Birmingham, Ala.:</b>				
Head pressmen (weekly paper).....	48	.6250	48	.6250
Head pressmen.....	48	.6250	48	.6250
Pressmen (weekly paper).....	48	.5000	48	.5000
Pressmen.....	48	.5000	48	.5000
Assistant pressmen (weekly paper).....	48	.3438	48	.3438
Assistant pressmen.....	48	.3438	48	.3438
<b>Dallas, Tex.:</b>				
Head pressmen.....	48	.6250	48	.6250
Pressmen.....	48	.4375	48	.4375
<b>Little Rock, Ark.:</b>				
Head pressmen.....	48	.6667	48	.6667
Pressmen.....	48	.3646	48	.3646
<b>Louisville, Ky.:</b>				
Head pressmen.....	43	.4883	43	.4883
Tension men.....	43	.4186	43	.4186
Oilers and platers.....	43	.4186	43	.4186
<b>Memphis, Tenn.:</b>				
Head pressmen.....	48	.5000	48	.5000
Journeyman.....	48	.4375	48	.4375
<i>Western.</i>				
<b>Denver, Colo.:</b>				
Head pressmen.....	48	.6250	48	.6250
Journeyman.....	48	.5000	48	.5000
<b>Los Angeles, Cal.:</b>				
Head pressmen.....	42	.6667	42	.6667
Tension men.....	42	.6310	42	.6310
Journeyman.....	42	.5952	42	.5952
<b>Portland, Oreg.:</b>				
Head pressmen.....	45½	.7912	45½	.7912
Journeyman.....	45½	.5934	45½	.5934
<b>Salt Lake City, Utah:</b>				
Head pressmen.....	48	.6250	48	.6250
Journeyman.....	48	.5000	48	.5000
<b>San Francisco, Cal.:</b>				
Head pressmen.....	45	.6889	45	.6888
Tension men.....	45	.6067	45	.6079
Oilers and platers.....	45	.5667	45	.5667
General utility men.....	45	.5267	45	.5267
<b>Seattle, Wash.:</b>				
Head pressmen.....	42½	.7059	42½	.7059
Journeyman.....	42½	.6353	42½	.6353

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Continued.

PRINTING TRADES: Newspaper—Continued.

STEREOTYPERS: Daywork.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass.....	42	\$0.5714	42	\$0.5952
Buffalo, N. Y.....	48	.3750	48	.4063
Fall River, Mass.....	48	.3854	48	.3854
Newark, N. J.....	48	.5313	48	.5625
New Haven, Conn.....	56	.4732	56	.5089
New York, N. Y.....	48	.5625	48	.6250
Philadelphia, Pa.....	48	.4063	48	.4375
Pittsburgh, Pa.....	48	.4500	48	.4688
Providence, R. I.....	42	.5000	42	.5714
Scranton, Pa.....	48	.3958	48	.3958
<i>South Atlantic.</i>				
Atlanta, Ga.....	48	.4375	48	.4375
Baltimore, Md.....	48	.4375	48	.4688
Jacksonville, Fla.....	48	.3750	48	.3750
Richmond, Va.....	48	.3542	48	.3542
Washington, D. C.....	45	.5333	45	.5333
<i>North Central.</i>				
Chicago, Ill.....	46½	.5806	48	.5625
Cincinnati, Ohio.....	51	.4412	<sup>1</sup> 51	<sup>2</sup> .4706
Cleveland, Ohio.....	48	.5000	48	.5000
Detroit, Mich.....	48	.5000	48	.5000
Indianapolis, Ind.....	48	.4688	48	.4688
Kansas City, Mo.....	48	.5625	48	.5625
Milwaukee, Wis.....	48	.4188	48	.4375
Minneapolis, Minn.....	48	.4063	48	.4063
Omaha, Nebr.....	48	.4688	48	.5000
St. Louis, Mo.....	48	.5000	48	.5375
St. Paul, Minn.....	48	.4063	48	.4063
<i>South Central.</i>				
Birmingham, Ala.....	48	.4167	48	.4375
Dallas, Tex.....	48	.4167	48	.4688
Little Rock, Ark.....	48	.4375	48	.4375
Louisville, Ky.....	48	.4375	48	.4375
Memphis, Tenn.....	48	.5000	48	.5000
New Orleans, La.....	48	.3213	48	.3213
<i>Western.</i>				
Denver, Colo.....	48	.5313	48	.5313
Los Angeles, Cal.....	48	.5000	48	.5625
Portland, Oreg.....	48	.5313	48	.5625
Salt Lake City, Utah.....	48	.5000	48	.5000
San Francisco, Cal.....	45	.6000	45	.6000
Seattle, Wash.....	42	.6429	42	.6786

<sup>1</sup> 48 hours, October to March.

<sup>2</sup> \$0.5000, October to March.

TABLE II.—UNION SCALE OF WAGES AND HOURS OF LABOR IN EACH TRADE, BY CITIES, MAY 15, 1912 AND 1913—Concluded.

## PRINTING TRADES: Newspaper—Concluded.

## STEREOTYPERS: Nightwork.

City.	May 15, 1912.		May 15, 1913.	
	Hours of labor per week.	Rate of wages per hour.	Hours of labor per week.	Rate of wages per hour.
<i>North Atlantic.</i>				
Boston, Mass. ....	36	\$0.6667	36	\$0.6944
Buffalo, N. Y. ....	45	.4000	45	.4333
Newark, N. J. ....	48	.5729	48	.5625
New Haven, Conn. ....	36	.6250	36	.6667
New York, N. Y. ....	38	.7237	38	.7895
Philadelphia, Pa. ....	48	.4063	48	.4375
Pittsburgh, Pa. ....	48	.4500	48	.4688
Providence, R. I. ....	42	.5000	42	.5714
Scranton, Pa. ....	42	.4524	42	.4524
<i>South Atlantic.</i>				
Atlanta, Ga. ....	48	.4688	48	.4688
Baltimore, Md. ....	45	.4667	45	.5000
Jacksonville, Fla. ....	48	.3750	48	.3750
Richmond, Va. ....	48	.3646	48	.3646
Washington, D. C. ....	40½	.5890	40½	.5890
<i>North Central.</i>				
Chicago, Ill. ....	46½	.5806	48	.5625
Cincinnati, Ohio. ....	46½	.4839	46½	.5161
Cleveland, Ohio. ....	45	.5333	45	.5467
Detroit, Mich. ....	43	.5698	43	.5698
Indianapolis, Ind. ....	48	.4688	48	.4688
Kansas City, Mo. ....	48	.5625	48	.5625
Milwaukee, Wis. ....	48	.4188	48	.4375
Omaha, Nebr. ....	48	.4688	48	.5000
St. Louis, Mo. ....	44	.5455	43	.5964
St. Paul, Minn. ....	48	.4063	48	.4063
<i>South Central.</i>				
Birmingham, Ala. ....	48	.4167	48	.4375
Dallas, Tex. ....	48	.4479	48	.5000
Little Rock, Ark. ....	48	.4375	48	.4375
Louisville, Ky. ....	48	.4375	48	.4375
Memphis, Tenn. ....	48	.5000	48	.5000
New Orleans, La. ....	48	.4000	48	.4000
<i>Western.</i>				
Denver, Colo. ....	48	.5313	48	.5313
Los Angeles, Cal. ....	48	.5000	48	.5625
Portland, Oreg. ....	48	.5313	48	.5625
Salt Lake City, Utah. ....	48	.5000	48	.5000
San Francisco, Cal. ....	45	.6000	45	.6000
Seattle, Wash. ....	42	.6429	42	.6786