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WAGES AND HOURS OF LABOR SERIES

**UNION SCALES OF WAGES
AND HOURS OF LABOR
MAY 15, 1930**



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BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS

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UNION SCALES OF WAGES AND HOURS OF LABOR, MAY 15, 1930

INTRODUCTION

Since 1911 the Bureau of Labor Statistics each year has collected, compiled, and published statistics relating to the wage rates and hours of labor as agreed to by organized workers and their employers. The study, until 1928, was limited almost exclusively to the principal general trades paid at time rates and to the principal cities of the country. The trades covered in these annual reports have varied from year to year and the list of cities has been increased.

In publishing these reports it was recognized that there were still many classes of union workers not represented. There were large numbers of organized workers employed at piece rates, there were localized industries in which employees were paid by either time or piece rates, and there were minor trade groups in the regular cities canvassed. These trades had not been canvassed mainly because of the limitation of funds available for the union wage study.

Recognizing the need for additional information on the subject the scope of the study was enlarged in 1928 to include a considerable number of other trades and localities, data for which were collected as of 1927 and 1928 and published in a separate volume as Bulletin 476.

The scope of the study for 1929 was still further enlarged, the effort being made to include representative scales for all labor organizations in the United States. The effort was not entirely successful, as a few organizations were either unable or unwilling to furnish the necessary information, but data of a more or less satisfactory character were obtained from practically all organized trades. These data are presented in the present volume, continuity with the earlier reports being preserved by dividing the volume into two parts. Part 1 covers the same trades and cities as the preceding reports of the bureau on union wage scales and includes only the principal time-work trades found in most of the larger cities, the wage scales of which are of a character which permits of a uniform method of statistical presentation. The study in 1930 was conducted similarly with the study in 1929. Part 2 presents the union scales for all other organized trades for which the bureau was able to obtain information.

All the data given in Part 1 and practically all the data in Part 2 relate to May 15, 1930, but in some instances the scales in Part 2 are of a slightly later date.

PART 1

GENERAL TRADES PAID AT TIME RATES, BY CITIES

In the first part of this report are presented the union wage scales as of May 15, 1930, for 758,211 members of organized general trades as found in 67 important industrial cities geographically distributed so that a fair representation may be obtained for the country as a whole. Following is a list of the trade groups in this part of the report and the total number of union members represented in each group.

	Number of members
Bakers.....	18, 301
Building trades.....	503, 915
Chauffeurs and teamsters and drivers.....	89, 119
Granite and stone trades.....	5, 701
Laundry workers.....	3, 529
Linemen.....	4, 233
Longshoremen.....	43, 072
Printing and publishing:	
Book and job.....	61, 963
Newspaper.....	28, 378
Total.....	758, 211

Seventy-five trades and subdivisions of trades have been included. The average hourly rates of wages for the several trades and groups of trades in 1930 in comparison with the rates in 1929 appear in Table 2, page 5. The hourly rate of wages for all trades herein listed taken collectively shows an increase of 4.6 cents per hour as between 1929 and 1930.

The per cent of change in hourly rates of wages in 1930 as compared with 1929 is shown by trade groups.

Trade groups showing CHANGE in wages per hour in 1930 over 1929

	Percent of increase
Bakers.....	¹ 1. 4
Building trades.....	4. 3
Chauffeurs and teamsters and drivers.....	2. 4
Granite and stone trades.....	3. 1
Laundry workers.....	4. 6
Linemen.....	10. 7
Longshoremen.....	1. 4
Printing and publishing:	
Book and job.....	2. 4
Newspaper.....	(²)

Full-time hours per week of all trades taken as a unit have continued the steady downward trend, decreasing 0.9 of an hour from 1929 to 1930. By trade groups the granite and stone trades showed the largest decrease, namely, 1.7 hours. Other decreases in full-time hours per week by trade groups were: Building trades 1.2 hours, linemen 1.3 hours, longshoremen 0.1 of an hour, chauffeurs and teamsters and drivers 0.3 of an hour. Laundry workers showed no change at all, while bakers, book and job printing and newspaper printing changed so slightly that the change could not be measured in tenths of an hour.

¹ Decrease.

² No change.

The average hours per full-time week for all trades and all cities herein covered are 43.9 hours.

Table 1 shows the average hours per full-time week and the per cent of members, by trade groups, working each classified number of hours per week. In this table it is of interest to note that in the trades listed 37.7 per cent or slightly more than three-eighths have a working week of 40 hours or less, while only 8.3 per cent have a week of more than 48 hours.

TABLE 1.—Average hours per week and per cent of trade-union members, by trade groups, working each classified number of hours per week, May 15, 1930

Trade groups	Average hours per full-time week	Per cent of members whose hours per week were—									
		Under 40	40	Over 40 and under 44	44	Over 44 and under 48	48	Over 48 and under 54	54	Over 54 and under 60	Over 60
Bakers.....	47.3	---	0.7	10.7	---	6.9	78.4	0.8	2.4	---	0.1
Building trades.....	41.9	---	55.5	---	41.6	1.5	1.0	.3	.1	(1)	---
Chauffeurs and teamsters and drivers.....	53.7	---	1.0	.6	1.6	4.9	24.1	11.5	14.6	10.0	30.5
Granite and stone trades.....	42.2	---	45.2	---	54.7	---	---	.1	---	---	---
Laundry workers.....	48.0	---	---	---	---	---	100.0	---	---	---	---
Linemen.....	45.1	---	12.9	---	50.6	1.2	24.2	9.9	.5	.7	---
Longshoremen.....	44.6	---	---	---	86.6	---	12.3	---	---	1.1	---
Printing and publishing:											
Book and job.....	44.3	0.1	.3	.1	92.5	---	7.0	---	---	---	---
Newspaper.....	45.0	4.2	1.9	9.8	10.6	46.1	27.3	---	---	---	---
Average.....	43.9	.2	37.5	.7	41.4	3.5	8.3	1.6	1.8	1.2	.1

1 Less than one-tenth of 1 per cent.

In reading this report it must be kept in mind that it does not cover all cities of the United States nor all trades and that the averages are based on the data here compiled. In computing the averages for the trades the rates in the several cities were weighted by the number of members in the city.

The averages are based on all data available each year. There may be an effective scale in a city one year and not in the next year. If there is no effective scale, the city does not enter into the average. A change in the average, therefore, is possible though there be no change in any of the other cities.

Further, there may be a change in the average when there is no change in the rate or hours for any city, all due to a change in the relative number of union members. If there is an increase in membership in high-rate cities and not in low-rate cities the average for the country is raised. Conversely, if increase of membership occurs in the low-rate rather than in the high-rate cities the average is lowered.

A few changes in the large widespread trades may cause but little change in the average, while a few changes in a trade limited as to cities or as to membership may materially affect the average. For example:

In 1929:

City A reports 16 men, at \$50 per week, earn an aggregate of... \$800

City B reports 10 men, at \$60 per week, earn an aggregate of... 600

Total, 26 men earn..... 1,400

1-man average, \$53.85.

In 1930:

City A reports 12 men, at \$50 per week, earn an aggregate of... \$600

City B reports 12 men, at \$60 per week, earn an aggregate of... 720

Total, 24 men earn..... 1,320

1-man average, \$55.

The cities are mainly the largest cities of the country where rates often are higher than in the small cities. The trades covered are those in which the workers are almost universally paid at time rates. It is not practicable to tabulate in this section of the report the many piece rates that are found in some trades.

For convenience in comparisons, all rates are shown in Table A (p. 78) per full-time week as well as per hour. The average full-time weekly rate for 1930 for all trades combined increased 1.3 per cent over the 1929 rate.

Weekly rates in 1930 by trade groups showed small increases in all groups except bakers and the granite and stone trades, ranging from one-tenth of 1 per cent for the newspaper printing trades to 7 per cent for linemen. The bakers' and the granite and stone trades' rates of wages per full-time week each decreased 1.2 per cent.

It is impossible, of course, to follow up the thousands of individual union members and get from them the time they work and the amount of time they do not work; hence no statement can be made of their actual earnings in a week or in a year. This report can treat only of *rates* of wages as distinct from actual earnings.

For a description of the scope of this report and the methods followed, see pages 73 and 74.

AVERAGE HOURLY RATES OF WAGES AND NUMBER OF CHANGES IN UNION SCALES, BY TRADES

The average money rates of wages per hour as of May 15, 1930 and 1929, for the country as a whole are given for each trade and for trade groups in Table 2. These averages were obtained by multiplying each hourly rate by the number of members of the union, then adding the products and the number of members and dividing the aggregate wages by the aggregate number of members. The number of members is held strictly confidential and is used only for the purpose of computing the averages.

Table 2 shows that the average rate per hour of all trades considered increased from \$1.204 in 1929 to \$1.250 in 1930.

For 1930 there are tabulated 4,593 union-scale quotations, for 357 of which there are no comparable data for 1929. Of the 4,236 union-scale quotations for which there are comparable data for 1929, 2,723 had not changed during the year and 1,513 had changed in rates or hours or both of these items. There are 1,181 instances of an increase in hourly wage rates in 1930 as compared with 1929; 942 instances of an increase in wage rates per week; and 28 instances of an increase in hours of labor. There are 74 instances of a reduction in hourly wage rates in 1930 as compared with 1929; 404 instances of a reduction in wage rates per full-time week; and 572 instances of a reduction in hours of labor. Of the 572 decreases in hours per week, none occurred in the bakery trades or laundry workers; 407 occurred in the building trades; 71 in chauffeurs and teamsters and drivers; 10 in the granite and stone trades; 3 in linemen; 2 in longshoremen; 11 in book and job printing; and 68 in newspaper printing trades.

TABLE 2.—Average rates of wages per hour and number of union-scale quotations for May 15, 1930, compared with May 15, 1929, in specified trades for the United States

Trade and occupation	Average rates of wages per hour		Union-scale quotations, 1930			Wage rates per hour			Wage rates per full-time week			Hours per week		
	May 15, 1930	May 15, 1929	Number	Number comparable with 1929	Number having changes from 1929	Increase	Decrease	No change	Increase	Decrease	No change	Increase	Decrease	No change
BAKERY TRADES														
Bakers.....	\$0.965	\$0.979	270	254	17	7	10	237	8	6	240	7	-----	247
BUILDING TRADES														
Asbestos workers.....	1.445	1.378	38	37	21	17	-----	20	10	6	21	-----	13	24
Bricklayers.....	1.695	1.657	66	66	26	14	-----	52	7	19	40	-----	19	47
Sewer, tunnel, and caisson.....	1.913	1.917	14	12	5	2	1	9	1	4	7	-----	4	8
Building laborers.....	.919	.862	48	45	18	9	3	33	7	10	28	-----	9	36
Carpenters.....	1.390	1.339	66	66	22	10	2	54	7	13	46	-----	13	53
Millwrights.....	1.303	1.244	24	15	4	1	-----	14	1	3	11	-----	3	12
Parquetry-floor layers.....	1.475	1.375	23	18	8	4	2	12	2	4	12	-----	4	14
Wharf and bridge.....	1.390	1.233	21	17	10	5	-----	12	4	5	8	1	6	10
Cement finishers.....	1.493	1.366	59	59	24	14	3	42	12	11	36	-----	12	47
Composition roofers.....	1.357	1.353	38	32	18	14	-----	18	12	4	16	-----	6	26
Helpers.....	.795	.795	6	4	1	1	-----	3	1	-----	3	-----	-----	4
Elevator constructors.....	1.519	1.450	46	45	29	26	-----	19	19	7	19	1	9	35
Helpers.....	1.063	1.043	45	44	27	25	-----	19	19	7	18	1	9	34
Engineers, portable and hoisting.....	1.593	1.430	126	113	33	28	1	84	22	12	79	1	24	85
Glaziers.....	1.408	1.353	35	31	14	9	-----	22	7	6	18	-----	7	24
Hod carriers.....	1.106	1.072	46	40	19	9	-----	31	7	12	21	-----	13	27
Inside wiremen.....	1.454	1.468	64	63	27	21	-----	42	14	12	37	-----	14	49
Fixture hangers.....	1.338	1.253	13	11	6	3	-----	8	1	5	5	-----	5	6
Lathers:														
Piece work.....	1.424	1.717	18	17	6	1	2	14	1	5	11	-----	3	14
Time work.....	1.546	1.484	71	64	23	12	-----	52	5	17	42	-----	17	47
Marble setters.....	1.565	1.553	52	50	20	9	2	39	6	14	30	-----	15	35
Helpers.....	1.046	1.061	17	14	7	5	-----	9	3	4	7	-----	4	10
Mosaic and terrazzo workers.....	1.468	1.417	30	23	15	6	-----	16	4	9	10	-----	10	13
Painters.....	1.467	1.369	65	65	22	17	1	47	11	9	45	-----	11	54
Fresco.....	1.390	1.258	13	9	4	3	-----	6	3	1	5	-----	1	8
Sign.....	1.581	1.533	48	44	6	1	1	42	-----	6	38	1	5	38
Plasterers.....	1.691	1.612	65	65	19	9	2	54	5	14	46	-----	13	52
Laborers.....	1.161	1.090	43	40	13	8	2	30	7	11	22	-----	10	30

1 Per 1,000 laths.

TABLE 2.—Average rates of wages per hour and number of union-scale quotations for May 15, 1930, compared with May 15, 1929, in specified trades for the United States—Continued

Trade and occupation	Average rates of wages per hour		Union-scale quotations, 1930			Wage rates per hour			Wage rates per full-time week			Hours per week		
	May 15, 1930	May 15, 1929	Number	Number comparable with 1929	Number having changes from 1929	Increase	Decrease	No change	Increase	Decrease	No change	Increase	Decrease	No change
BUILDING TRADES—continued														
Plumbers and gas fitters.....	\$1.488	\$1.450	66	66	24	13	1	52	5	16	45	-----	18	48
Laborers.....	1.013	1.043	13	11	5	2	-----	9	1	3	7	-----	4	7
Sheet-metal workers.....	1.416	1.355	52	51	28	22	-----	29	17	8	26	-----	13	38
Ship carpenters.....	1.404	1.111	8	7	2	1	-----	6	1	1	5	-----	1	6
Slate and tile roofers.....	1.590	1.554	26	23	9	5	-----	18	2	6	15	-----	7	16
Steam and sprinkler fitters.....	1.511	1.444	78	77	35	23	1	53	6	18	53	-----	28	49
Helpers.....	1.065	.964	40	36	18	13	-----	23	2	8	26	-----	18	18
Stonemasons.....	1.626	1.627	58	56	20	8	1	47	5	15	36	-----	16	40
Structural-iron workers.....	1.542	1.467	73	72	28	17	-----	55	15	12	45	-----	14	58
Finishers.....	1.590	1.402	35	34	12	7	-----	27	5	6	23	-----	7	27
Tile layers.....	1.539	1.469	58	57	17	6	-----	51	2	14	41	-----	16	41
Helpers.....	1.079	.984	21	15	8	5	-----	10	4	4	7	-----	6	9
All building trades.....	1.410	1.352	1,728	1,614	663	405	26	1,183	263	341	1,010	5	407	1,202
CHAUFFEURS AND TEAMSTERS AND DRIVERS														
Chauffeurs.....	.724	.709	459	372	121	106	9	257	72	10	290	6	53	313
Teamsters and drivers.....	.796	.734	142	125	43	38	2	85	29	5	91	-----	18	107
All chauffeurs and teamsters and drivers.....	.732	.715	601	497	164	144	11	342	101	15	381	6	71	420
GRANITE AND STONE TRADES														
Granite cutters.....	1.343	1.279	57	54	18	11	2	41	9	9	36	-----	7	47
Stone cutters.....	1.436	1.472	50	47	6	2	1	44	2	4	41	-----	3	44
All granite and stone trades.....	1.412	1.369	107	101	24	13	3	85	11	13	77	-----	10	91
MISCELLANEOUS														
Laundry workers.....	.479	.458	52	46	10	10	-----	36	10	-----	36	-----	-----	46
Linemen.....	1.128	1.019	43	39	13	7	1	31	10	3	26	3	3	33
Longshoremen.....	.875	.863	48	39	3	1	-----	38	1	2	36	-----	2	37

PRINTING AND PUBLISHING: BOOK AND JOB														
Bindery women.....	.544	.529	53	46	13	12	1	33	11		35	1	1	44
Bookbinders.....	1.015	1.002	80	71	19	17	2	52	14	3	54	2	3	66
Compositors.....	1.162	1.127	67	64	19	19		45	19		45			64
Electrotypers.....	1.293	1.261	58	52	25	25		27	23		29		5	47
Machine operators.....	1.240	1.198	61	56	21	21		35	21		35			56
Machine tenders (machinists).....	1.267	1.195	26	22	10	10		12	10		12			22
Machinist operators.....	1.116	1.125	39	34	10	9	1	24	9	1	24			34
Photo-engravers.....	1.335	1.331	50	45	9	8		40	7	1	40		2	46
Press assistants and feeders.....	.965	.850	147	136	33	29	4	103	29	4	103			136
Pressmen:														
Cylinder.....	1.166	1.150	156	143	42	42		101	42		101			143
Platen.....	.947	.939	113	106	29	27	2	76	27	2	76			106
All printing and publishing: Book and job.....	1.074	1.049	850	777	230	219	10	548	212	11	554	3	11	763
PRINTING AND PUBLISHING: NEWSPAPER														
Compositors:														
Day work.....	1.210	1.203	83	82	34	33	1	48	26	2	54		8	74
Night work.....	1.315	1.326	72	71	29	29		42	22		49		9	62
Machine operators, day work:														
Piece work.....	1.145	1.138	8	8	3	3		5	3		5			8
Time work.....	1.220	1.224	86	83	32	31	1	51	26	2	55		6	77
Machine operators, night work:														
Piece work.....	1.156	1.147	8	8	3	3		5	3		5			8
Time work.....	1.333	1.336	72	70	28	28		42	22		48		7	63
Machine tenders (machinists):														
Day work.....	1.206	1.196	68	64	28	28		36	23		41		6	58
Night work.....	1.303	1.340	59	58	26	26		32	19		39		9	49
Machinist operators:														
Day work.....	1.081	1.048	11	9	5	5		4	4		5		1	8
Night work.....	1.203	1.189	9	7	4	4		3	3		4		1	6
Photo-engravers:														
Day work.....	1.342	1.346	43	42	15	12	2	28	12	3	27		1	41
Night work.....	1.636	1.696	37	35	13	12	1	22	10		25	1	5	29
Pressmen, web presses:														
Day work.....	1.095	1.089	120	117	64	53	6	53	56	5	56	2	4	111
Night work.....	1.272	1.257	102	100	58	57	1	42	53	1	46		8	92
Stereotypers:														
Day work.....	1.064	1.055	60	60	24	24		36	23		37		2	58
Night work.....	1.228	1.201	56	55	23	22	1	32	21		34	1	1	53
All printing and publishing: Newspaper.....	1.241	1.241	894	869	359	375	13	481	326	13	530	4	68	797
All trades covered above.....	1.250	1.204	4,593	4,236	1,513	1,181	74	2,981	942	404	2,890	28	572	3,636

* Per 1,000 ems.

Table 2 shows further that of the 270 quotations for bakers tabulated in 1930, 254 were comparable with 1929, and that of the 254 comparable with 1929, 7 increased, 10 decreased, and 237 had no change in wage rates per hour; 8 increased, 6 decreased, and 240 had no change in wage rates per full-time week; while 7 increased and 247 had no change in number of hours per full-time week. The other items of the table may be read in like manner.

Expressed in percentages of the total number of union-scale quotations in which there were scale changes, 78.1 per cent resulted in increases and 4.9 per cent in decreases in rates of wages per hour; 62.3 per cent provided increases and 26.7 per cent decreases in wage rates per full-time week; and 1.9 per cent provided increases and 37.8 per cent decreases in the hours per full-time week.

WEEKLY HOURS OF LABOR, BY TRADES

Table 3 shows the percentage of members in each trade or occupation working certain classified hours per week on May 15, 1930.

It will be observed from the table that 96.7 per cent of the bakers had a week of 48 hours or less, and that 55.5 per cent or more than half of the building trades members had a week of 40 hours.

Seven crafts in the building trades with averages of under 41 hours per week had the shortest working week. The longest working week as shown by the report was that for teamsters and drivers, 55.5 hours, and for chauffeurs, 53.2 hours.

TABLE 3.—Per cent of trade-union members in the United States working each classified number of hours per week, May 15, 1930

Trade and occupation	Average hours per week	Per cent of members whose hours per week were—										
		Under 40	40	Over 40 and under 44	44	Over 44 and under 48	48	Over 48 and under 54	54	Over 54 and under 60	60	Over 60
BAKERY TRADES												
Bakers.....	47.3	.....	0.7	10.7	.....	3.9	78.4	0.8	2.4	.....	0.1	.....
BUILDING TRADES												
Asbestos workers.....	41.9	.....	51.9	.....	48.1	.....	.....	.....	.....	.....	.....	.....
Bricklayers.....	41.7	.....	58.4	.....	41.6	.....	.....	.....	.....	.....	.....	.....
Sewer, tunnel, and caisson.....	41.7	.....	56.7	.....	43.3	.....	.....	.....	.....	.....	.....	.....
Building laborers.....	43.8	.....	21.5	.....	64.3	1.5	8.6	3.7	.4	.....	.....	.....
Carpenters.....	42.4	.....	41.5	.....	55.0	3.5	.....	.....	.....	.....	.....	.....
Millwrights.....	43.2	.....	32.9	.....	58.5	.....	8.1	.6	.....	.....	.....	.....
Parquetry-floor layers.....	40.8	.....	79.8	.....	20.2	.....	.....	.....	.....	.....	.....	.....
Wharf and bridge.....	42.0	.....	55.8	.....	42.3	.....	.....	1.9	.....	.....	.....	.....
Cement finishers.....	42.1	.....	48.5	.....	48.8	2.1	.7	.....	.....	.....	.....	.....
Composition roofers.....	41.9	.....	52.8	.....	45.2	2.0	.....	.....	.....	.....	.....	.....
Helpers.....	43.5	.....	11.5	.....	88.5	.....	.....	.....	.....	.....	.....	.....
Elevator constructors.....	42.4	.....	39.5	.....	60.5	.....	.....	.....	.....	.....	.....	.....
Helpers.....	42.2	.....	45.8	.....	54.2	.....	.....	.....	.....	.....	.....	.....
Engineers, portable and hoisting.....	43.1	.....	39.3	.....	44.5	.....	15.2	.....	.9	0.2	.....	.....
Glaziers.....	42.1	.....	49.0	.....	49.5	.....	.....	1.5	.....	.....	.....	.....
Hod carriers.....	41.8	.....	65.2	.....	31.4	3.0	.....	.3	.....	.....	.....	.....
Inside wiremen.....	41.7	.....	58.4	.....	39.9	1.7	.....	.....	.....	.....	.....	.....
Fixture hangers.....	40.7	.....	83.2	.....	5.6	11.2	.....	.....	.....	.....	.....	.....
Lathers.....	40.6	.....	85.8	.....	14.2	.....	.....	.....	.....	.....	.....	.....
Marble setters.....	41.6	.....	59.5	.....	40.5	.....	.....	.....	.....	.....	.....	.....
Helpers.....	42.2	.....	45.2	.....	54.8	.....	.....	.....	.....	.....	.....	.....
Mosaic and terrazzo workers.....	41.7	.....	56.7	.....	43.3	.....	.....	.....	.....	.....	.....	.....

TABLE 3.—Per cent of trade-union members in the United States working each classified number of hours per week, May 15, 1930—Continued

Trade and occupation	Average hours per week	Per cent of members whose hours per week were—									
		Under 40	40	Over 40 and under 44	44	Over 44 and under 48	48	Over 48 and under 54	54	Over 54 and under 60	Over 60
BUILDING TRADES—continued											
Painters:											
Building.....	40.8		80.8		19.2						
Fresco.....	40.9		77.2		22.8						
Sign.....	41.6		60.2		39.8						
Plasterers.....	40.6		85.5		11.9	2.6					
Laborers.....	41.0		76.0		22.0	2.0					
Plumbers and gas fitters.....	41.4		64.5		35.5						
Laborers.....	41.9		52.3		47.7						
Sheet-metal workers.....	42.2		49.6		46.8	3.6					
Ship carpenters.....	41.8		56.9		41.8	1.3					
Slate and tile roofers.....	41.7		58.1		41.9						
Steam fitters.....	41.7		57.6		42.4						
Helpers.....	40.4		90.7		9.3						
Stone masons.....	41.4		65.2		34.8						
Structural-iron workers.....	42.5		37.3		62.7						
Finishers.....	41.9		52.2		47.8						
Tile layers.....	41.5		62.8		37.2						
Helpers.....	41.6		60.9		39.1						
Average for building trades.....	41.9		55.5		41.6	1.5	1.0	.3	.1	(1)	
CHAUFFEURS AND TEAMSTERS AND DRIVERS											
Chauffeurs.....	53.2		1.3	.8	1.9	5.1	25.4	12.9	14.9	11.0	25.3
Teamsters and drivers.....	55.5		.1		.2	4.2	19.1	5.8	13.3	6.0	51.1
Average for chauffeurs and teamsters and drivers.....	53.7		1.0	.6	1.6	4.9	24.1	11.5	14.6	10.0	30.5
GRANITE AND STONE TRADES											
Granite cutters.....	41.8		55.7		44.3						
Stone cutters.....	42.7		33.9		65.9		.2				
Average for granite and stone trades.....	42.2		45.2		54.7		.1				
MISCELLANEOUS											
Laundry workers.....	48.0					100.0					
Linemen.....	45.1		12.9		50.6	1.2	24.2	9.9	.5	.7	
Longshoremen.....	44.6				86.6		12.3			1.1	
PRINTING AND PUBLISHING: BOOK AND JOB											
Bindery women.....	44.8				80.3		19.7				
Bookbinders.....	44.9				78.1		21.9				
Compositors.....	44.0		.3	.1	99.6						
Electrotypers.....	44.8				80.7		19.3				
Machine operators.....	43.9	0.7	(1)	.2	99.1						
Machine tenders (machinists).....	44.0				100.0						
Machinist operators.....	43.7			15.0	85.0						
Photo-engravers.....	43.9		2.1		97.9						
Press assistants and feeders.....	44.2				94.1		5.9				
Pressmen:											
Cylinder.....	44.3				91.8		8.2				
Platen.....	44.5				88.2		11.8				
Average for printing and publishing: Book and job.....	44.3	.1	.3	.1	92.5		7.0				
PRINTING AND PUBLISHING: NEWSPAPER											
Compositors:											
Day work.....	45.5	1.6	.9	5.5	11.6	54.2	26.0				
Night work.....	45.1	.6	.7	9.3	12.0	58.8	18.5				

¹ Less than one-tenth of 1 per cent.

TABLE 3.—*Per cent of trade-union members in the United States working each classified number of hours per week, May 15, 1930—Continued*

Trade and occupation	Average hours per week	Per cent of members whose hours per week were—										
		Under 40	40	Over 40 and under 44	44	Over 44 and under 48	48	Over 48 and under 54	54	Over 54 and under 60	60	Over 60
PRINTING AND PUBLISHING: NEWSPAPER—continued												
Machine operators:												
Day work	45.0	7.9	1.3	5.7	7.4	52.3	25.4					
Night work	44.8	8.6	1.1	7.2	8.8	65.6	13.7					
Machine tenders (machinists):												
Day work	45.5	2.1	.8	5.5	7.9	59.5	24.2					
Night work	45.1	.4		11.2	7.4	67.4	13.6					
Machinist operators:												
Day work	46.4			16.1		22.6	61.3					
Night work	46.0			22.7		31.8	45.5					
Photo-engravers:												
Day work	43.9		1.6	4.4	90.4	2.9	.7					
Night work	41.5		53.1	20.4	23.0	2.8	.8					
Pressmen, web presses:												
Day work	46.8			.5		39.2	60.3					
Night work	42.6	9.3		48.4	13.0	11.0	13.2					
Stereotypers:												
Day work	46.7			8.1	.9	29.6	61.4					
Night work	42.7	36.3		11.1		25.7	27.0					
Average for printing and publishing: Newspaper....	45.0	4.2	1.9	9.8	10.6	46.1	27.3					
Grand average for all trades covered above.....	43.9	.2	37.5	.7	41.4	3.5	8.3	1.6	1.8	1.2	3.6	.1

The continuing decrease in hours per full-time week for the past several years has been largely due to the adoption of a 5-day week by many of the crafts. Table 4 shows the extent to which the 5-day week was in effect in the trades and cities included on May 15, 1930.

The general adoption of the 5-day week by trade-unionists is being very rapidly accomplished by some trade groups, the most significant advance in this movement being among the building trades, where all crafts have the short week in some degree. In some cities all crafts of the building trades have adopted the short working week, and the lathers, painters, and plasterers and some individual crafts within the group have gone far toward its general adoption. Considering the membership of the granite and stone trades in the cities in which these trades were found, more than half of the granite cutters and more than a third of the stone cutters had a 5-day week. Among the balance of the groups, linemen show a trend toward the adoption of the 5-day week, longshoremen and laundry workers show no members at all on such a basis, while the bakers and the chauffeurs and teamsters and drivers show only a superficial beginning. In the printing trades, both book and job and newspaper, few members have a 5-day week. The few that do have the short week are mainly employed on foreign text composition, the exception being the photo-engravers, especially in the book and job printing trades, who have a long-term agreement providing a 5-day week for an additional month each year until the whole year is worked on that basis.

The table does not reflect the entire adoption of the 5-day week because some of the crafts, for instance the building laborers in the building trades, although actually working only 5 days per week have not officially adopted or incorporated this 5-day week in their agreements with employers. In such cases the bureau is bound by the agreements and shows a 5½-day week for them as the craft could work the longer time, the elements of union wages being as defined in part, "an agreement between the craft and employers and for maximum hours."

TABLE 4.—Per cent of total trade-union members, in cities reporting, working a 5-day week, May 15, 1930, by occupation

Occupation	Per cent of total membership, in cities reporting, which have a 5-day week			Occupation	Per cent of total membership, in cities reporting, which have a 5-day week		
	Whole year	Half year or more	Less than half year		Whole year	Half year or more	Less than half year
BAKERY TRADES				BUILDING TRADES—CON.			
Bakers.....		0.7		Structural-iron workers.....	37.3	1.8	3.4
BUILDING TRADES				Finishers.....	52.2	.7	
Bricklayers.....	51.3	.6		Tile layers.....	61.6		1.2
Sewer, tunnel, and caisson.....	57.8		1.2	Helpers.....	59.8		4.5
Building laborers.....	55.4		1.3	CHAUFFEURS AND TEAMSTERS AND DRIVERS			
Carpenters.....	21.3		.1	Chauffeurs.....	1.3		1.4
Millwrights.....	39.4		8.1	Teamsters and drivers.....	.1		
Parquetry-floor layers.....	30.5		2.4	GRANITE AND STONE TRADES			
Wharf and bridge.....	79.8		11.8	Granite cutters.....	55.7	8.2	20.6
Cement finishers.....	51.7			Stone cutters.....	38.9		.3
Composition roofers.....	51.7		3.8	MISCELLANEOUS			
Helpers.....	11.5			Linemen.....	12.9	3.4	
Elevator constructors.....	39.5			PRINTING AND PUBLISHING: BOOK AND JOB			
Helpers.....	45.8			Compositors.....	.3		
Engineers, portable and hoisting.....	39.3	.8	2.5	Machine operators.....	(¹)		
Glaziers.....	49.0			Photo-engravers.....	2.1		66.9
Hod carriers.....	65.1		.1	Pressmen, cylinder.....	.1		
Inside wiremen.....	58.4			PRINTING AND PUBLISHING: NEWSPAPER			
Fixture hangers.....	83.2			Compositors:			
Lathers.....	85.8		.4	Day work.....	.9		
Marble setters.....	59.0		11.2	Night work.....	.7		
Helpers.....	44.4		8.7	Machine operators:			
Mosaic and terrazzo workers.....	55.0		1.7	Day work.....	2.6		
Painters:				Night work.....	2.5		
Building.....	80.8			Machine tenders: Day work.....	.8		
Fresco.....	77.2			Photo-engravers:			
Sign.....	60.2			Day work.....	1.6		1.1
Plasterers.....	85.5			Night work.....	.9		
Laborers.....	75.1		.9	Pressmen, web: Night work.....	(¹)		
Plumbers and gas fitters.....	64.5						
Laborers.....	52.3						
Sheet-metal workers.....	49.6						
Ship carpenters.....	56.9						
Slate and tile roofers.....	58.0		.1				
Steam fitters.....	57.6						
Helpers.....	90.7		.1				
Stone masons.....	65.1						

¹ Less than one-tenth of 1 per cent.

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PER CENT OF CHANGE IN WEEKLY RATES OF WAGES, 1930, COMPARED WITH EACH SPECIFIED YEAR FROM 1907

Table 5 shows for each trade the per cent of increase (or decrease) in rates of wages per full-time week in 1930 as compared with each specified year.

TABLE 5.—Per cent of increase in rates of wages per full-time week in 1930 as compared with specified preceding years

Occupation	Per cent of increase in rates of wages per full-time week in 1930 as compared with—									
	1907	1913	1917	1919	1921	1923	1925	1927	1928	1929
BAKERY TRADES										
Bakers.....	202.2	157.1	125.2	49.2	3.4	4.0	11.7	10.3	1.0	11.2
BUILDING TRADES										
Asbestos workers.....			133.6	74.3	32.7	37.0	18.0	5.2	4.6	.9
Bricklayers.....	136.7	128.6	115.0	30.4	34.0	21.1	8.6	.4	1.4	(?)
Sewer, tunnel and caisson.....		88.3	82.6	66.7	23.3	18.4	1.0	12.6	11.7	14.1
Building laborers.....	165.5	148.2	122.4	70.8	18.4	23.5	16.6	5.0	4.7	4.2
Carpenters.....	170.8	148.4	116.7	73.1	27.6	23.2	12.8	1.9	2.2	.4
Millwrights.....			88.5	45.4	13.2	8.8	8.0	18.3	1.3	4.7
Parquetry-floor layers.....		126.7	94.7	60.2	9.6	8.9	12.4	18.6	2.7	1.1
Wharf and bridge.....			124.7	91.4	31.2	29.8	9.9	12.0	1.9	(?)
Cement finishers.....	151.8	133.5	119.8	79.7	28.9	27.3	14.6	3.2	4.9	4.8
Composition roofers.....			142.5	93.1	30.8	27.7	13.0	1.2	1.0	12.3
Helpers.....			90.9	57.9	12.5	13.1	3.5	4.9	12.1	.0
Elevator constructors.....			117.0	76.5	30.0	31.0	11.5	2.0	1.1	1.2
Helpers.....			141.7	88.3	29.3	29.5	12.4	1.2	1.6	.7
Engineers, portable and hoisting.....		138.6	124.9	84.1	39.8	35.7	21.7	9.1	6.5	6.7
Glaziers.....				93.8	36.8	29.2	10.4	1.5	.7	.1
Hod carriers.....	189.1	180.8	140.6	76.7	19.0	31.0	12.6	.8	.7	2.7
Inside wiremen.....	177.1		122.3	75.8	27.0	30.2	10.4	.8	.3	11.2
Fixture hangers.....		129.0	100.4	65.3	17.9	16.1	7.8	2.9	1.7	1.2
Lathers.....		134.6	115.7	80.5	24.9	19.9	2.2	13.3	13.1	11.8
Marble setters.....	140.0		119.5	84.6	37.7	24.3	16.5	2.1	1.6	15.2
Helpers.....		146.5	180.8	93.4	14.6	14.0	10.9	.7	1.4	16.1
Mosaic and terrazzo workers.....			140.4	114.4	41.3	42.0	14.3	7.9	3.1	11.8
Painters:										
Building.....	200.8	162.3	126.4	76.2	29.5	25.6	12.5	3.9	5.3	5.7
Fresco.....		134.7	102.5	66.6	23.0	22.5	14.7	1.4	10.2	8.0
Sign.....		131.7	118.6	66.7	19.7	14.2	1.2	11.3	11.3	1.6
Plasterers.....	130.9	127.9	115.5	77.6	29.3	20.0	5.8	.1	.7	2.8
Laborers.....	152.7	159.1	133.2	78.0	20.1	24.0	8.3	5.5	3.4	3.0
Plumbers and gas fitters.....	144.4	121.3	109.8	69.3	24.6	21.6	9.2	1.6	12.7	12.4
Laborers.....				53.9	12.7	8.1	1.3	11.4	1.3	17.8
Sheet-metal workers.....	185.9	149.4	125.6	76.7	26.4	26.7	11.6	1.7	4.0	.2
Ship carpenters.....			114.7	59.5	43.8	39.7	43.6	53.2	46.9	18.7
Slate and tile roofers.....			129.9	85.2	30.5	22.5	5.8	12.2	12.4	12.4
Steam and sprinkler fitters.....	166.5	135.0	114.2	76.2	39.8	36.3	12.8	1.6	.1	.1
Helpers.....	261.0	205.8	172.2	98.8	41.7	29.8	13.9	3.0	1.1	2.6
Stone masons.....	160.6	146.5	125.7	84.7	29.0	17.3	3.8	12.5	13.7	13.1
Structural-iron workers.....	161.9		116.1	67.3	29.7	33.7	16.7	1.3	1.3	1.6
Finishers.....		144.8	125.7	78.9	33.5	39.9	24.5	7.0	6.3	2.2
Tile layers.....		117.1	104.7	82.9	36.7	27.1	9.4	1.3	(?)	1.9
Helpers.....		175.8	155.1	105.6	22.9	27.0	13.5	3.5	1.5	3.4
CHAUFFEURS AND TEAMSTERS AND DRIVERS										
Chauffeurs.....		99.6	82.9	37.1	14.4	15.1	3.7	1.4	1.7	.2
Teamsters and drivers.....		159.3	130.8	64.5	30.0	28.6	16.3	8.0	4.9	4.8
GRANITE AND STONE TRADES										
Granite cutters.....	168.5	147.2	126.9	61.3	18.9	17.0	14.3	2.2	1.1	1.5
Stone cutters.....	153.5	144.0	121.6	76.3	30.4	24.7	11.2	2.5	2.1	12.4
MISCELLANEOUS										
Laundry workers.....			91.4	47.6	15.3	15.5	7.9	11.3	7.2	4.6
Linemen.....					16.5	20.6	15.9	10.7	9.6	7.0
Longshoremen.....		92.3	61.6	29.0	6.2	12.0	3.1	7.0	1.9	1.2

1 Decrease.

2 Less than one-tenth of 1 per cent.

TABLE 5.—Per cent of increase in rates of wages per full-time week in 1930 as compared with specified preceding years—Continued

Occupation	Per cent of increase in rates of wages per full-time week in 1930 as compared with—									
	1907	1913	1917	1919	1921	1923	1925	1927	1928 ¹	1929
PRINTING AND PUBLISHING:										
BOOK AND JOB										
Bindery women.....			127.2	57.4	6.5	7.1	4.4	4.3	3.6	2.8
Bookbinders.....	150.4	133.7	115.9	50.7	12.5	12.0	6.0	2.4	2.3	1.4
Compositors.....	163.4	133.5	122.2	64.6	15.5	14.1	9.4	5.3	3.8	3.3
Electrotypers.....	186.7	157.9	128.0	89.4	19.8	11.0	6.6	4.3	3.5	1.4
Machine operators.....	133.7	119.4	110.4	60.3	13.5	16.7	12.2	6.7	6.0	4.4
Machine tenders.....		114.4	107.0	53.4	17.2	16.4	10.8	2.8	7.7	6.1
Machinist operators.....		73.1	66.9	40.4	11.0	8.1	1.6	3.5	3.8	1.3
Photo-engravers.....			117.1	76.2	30.1	27.8	16.3	4.5	1.6	.1
Press assistants and feeders.....	202.6	171.1	146.1	63.7	13.0	10.3	5.6	3.2	2.7	1.3
Pressmen:										
Cylinder.....	149.9	120.7	108.6	55.8	14.3	10.1	6.0	3.9	3.1	1.4
Platen.....	162.1	140.1	119.8	62.6	10.0	9.8	5.8	.9	2.5	.8
PRINTING AND PUBLISHING:										
NEWSPAPER										
Compositors:										
Day work.....	133.3	109.3	100.1	59.7	20.0	16.6	8.4	4.3	2.5	.8
Night work.....	117.3	102.6	95.7	55.5	13.2	12.3	8.1	2.1	.6	1.2
Machine operators:										
Day work.....	132.5	112.5	102.5	59.8	22.1	15.7	8.4	3.4	1.2	1.4
Night work.....	120.0	106.2	97.7	56.4	21.4	15.2	9.1	5.1	.7	1.2
Machine tenders (machinists):										
Day work.....		102.7	97.9	47.2	13.9	11.6	9.1	4.3	2.5	1.2
Night work.....		90.0	86.3	40.8	11.2	9.1	6.2	2.2	1.3	1.2
Machinist operators:										
Day work.....		76.5	70.0	57.8	9.6	7.7	4.8	.8	1.3	1.5
Night work.....		81.3	76.2	53.0	13.5	15.3	10.7	1.0	1.1	.8
Photo-engravers:										
Day work.....			108.1	68.5	26.6	22.7	13.7	5.8	.1	1.6
Night work.....			121.5	73.0	32.7	25.0	17.3	5.5	3.5	2.6
Pressmen, web presses:										
Day work.....	155.2	127.3	117.9	65.9	23.4	22.2	9.7	2.5	1.8	.5
Night work.....	133.6	127.2	120.1	64.1	24.0	22.3	9.9	4.3	1.6	1.0
Stereotypers:										
Day work.....	126.3	98.2	89.1	61.5	16.9	13.7	8.0	5.1	4.4	.9
Night work.....	119.2	99.7	91.4	63.2	16.9	13.5	8.7	6.4	5.8	1.1

¹ Decrease.

According to Table 5 the weekly rate for bakers increased 157.1 per cent between 1913 and 1930. This means that the bakers' full-time weekly wage rate in 1930 was more than two and one-half times the rate of 1913. Between 1907 and 1930 the bakers' weekly rate increased 202.2 per cent. In other words, bakers' wages in 1930 were more than three times those of 1907.

Data for all trades are not available as far back as 1913. So far as shown, the greatest increase in any trade between 1913 and 1930 was in steam and sprinkler fitters' helpers. Here the increase was 205.8 per cent, making the rate more than three times as much in 1930 as in 1913. The greatest increase between 1907 and 1930 is also for steam and sprinkler fitters' helpers. In this trade the weekly rate in 1930 was more than three and six-tenths times the rate in 1907.

INDEX NUMBERS OF ALL TRADES COMBINED, 1907 TO 1930

The index numbers in Table 6 are percentages in which the rates for all of the years were compared with the rate in the selected base year (1913), which is taken as 100. Table 6 shows the extent of the changes in all cities and all trades combined, in union wage rates taken as a whole for each year from 1907 to 1930; the data for preceding years are drawn from earlier reports.

TABLE 6.—Index numbers of union wage rates and hours of labor from 1907 to 1930 as compared with 1913

[1913=100.0]

Year	Index numbers of—			Year	Index numbers of—		
	Rate of wages per hour	Hours per full-time week	Rate of wages per full-time week		Rate of wages per hour	Hours per full-time week	Rate of wages per full-time week
1907	89.7	102.6	91.5	1919	154.5	94.7	147.8
1908	91.0	102.1	92.5	1920	199.0	93.8	188.5
1909	91.9	101.9	93.3	1921	205.3	93.9	193.3
1910	94.4	101.1	95.2	1922	193.1	94.4	183.0
1911	96.0	100.7	96.5	1923	210.6	94.3	198.6
1912	97.6	100.3	97.7	1924	228.1	93.9	214.3
1913	100.0	100.0	100.0	1925	237.9	93.0	222.3
1914	101.9	99.6	101.6	1926	250.3	92.8	233.4
1915	102.8	99.4	102.3	1927	259.5	92.4	240.3
1916	107.2	98.8	106.2	1928	260.6	91.9	240.6
1917	114.1	98.4	112.4	1929	262.1	91.5	240.7
1918	132.7	97.0	129.6	1930	272.1	89.8	243.8

Table 6 shows that union wage rates per hour were higher in 1930 than in any preceding year, the index for 1930 being 272.1. This means that union wage rates per hour as a whole were nearly two and three-fourths times as much in 1930 as they were in 1913.

Full-time hours per week were 10.2 per cent lower in 1930 than in 1913 and full-time weekly earnings were more than 2.4 times as much in 1930 as in 1913.

As some readers may desire to make comparisons with the initial year, 1907, a table of index numbers has been computed from the same basic figures starting with 1907 as 100.

TABLE 7.—Index numbers of union wage rates and hours of labor from 1907 to 1930 as compared with 1907

[1907=100.0]

Year	Index numbers of—			Year	Index numbers of—		
	Rate of wages per hour	Hours per full-time week	Rate of wages per full-time week		Rate of wages per hour	Hours per full-time week	Rate of wages per full-time week
1907	100.0	100.0	100.0	1919	172.2	92.3	161.5
1908	101.4	99.5	101.1	1920	221.8	91.4	206.0
1909	102.5	99.3	102.0	1921	228.8	91.6	211.2
1910	105.3	98.6	104.0	1922	215.3	92.0	199.9
1911	107.1	98.2	105.4	1923	234.7	91.9	216.9
1912	108.8	97.7	106.8	1924	254.2	91.5	234.1
1913	111.1	97.5	109.3	1925	265.1	90.7	242.8
1914	113.6	97.1	111.0	1926	279.0	90.5	255.0
1915	114.5	96.9	111.7	1927	289.2	90.0	263.1
1916	119.4	96.3	116.1	1928	290.4	89.6	262.8
1917	127.2	95.9	122.8	1929	292.1	89.2	263.0
1918	147.9	94.6	141.6	1930	303.2	87.5	266.3

Table 7 shows an index for wage rates per hour of 303.2 in 1930 as compared with 100 in 1907. This means that the rates per hour were more than three times as much in 1930 as in 1907. The index for full-time hours per week in 1930 is 87.5, meaning that since 1907 full-time hours per week have decreased 12.5 per cent. The index for full-time rates of wages per week stands at 266.3 in 1930, meaning that full-time weekly earnings were slightly less than two and two-thirds times as much in 1930 as in 1907.

An inspection of these index numbers shows that the grand average of union rates of wages per hour has increased each year save one for the last 22 years, the average for 1922 being lower than the average for 1921. The average rate per full-time week showed an increase every year except two—1922 and 1928.

While the rate of wages has been increasing the hours per full-time week have been almost as steadily decreasing; only two years showed increases, viz, 1921 and 1922.

To set forth more clearly the extent of change from year to year in the grand average of union rates of wages per hour and of hours per full-time week Table 8 is presented. This table shows the *per cent* of change in the rate of wages per hour and in hours per full-time week in May of one year compared with the rate and hours in May of the preceding year.

TABLE 8.—*Per cent of change in union rates of wages per hour and in hours per full-time week for each specified year compared with the preceding year*

Year	Increase in rate per hour	Decrease in full- time hours per week	Year	Increase in rate per hour	Decrease in full- time hours per week
	<i>Per cent</i>	<i>Per cent</i>		<i>Per cent</i>	<i>Per cent</i>
1906 compared with 1907.....	1.4	0.5	1920 compared with 1919.....	28.8	1.0
1909 compared with 1908.....	1.0	.2	1921 compared with 1920.....	3.2	1.2
1910 compared with 1909.....	2.7	.7	1922 compared with 1921.....	5.9	1.5
1911 compared with 1910.....	1.7	.4	1923 compared with 1922.....	9.0	.1
1912 compared with 1911.....	1.6	.4	1924 compared with 1923.....	8.5	.5
1913 compared with 1912.....	2.5	.4	1925 compared with 1924.....	4.3	.9
1914 compared with 1913.....	1.9	.4	1926 compared with 1925.....	5.2	.2
1915 compared with 1914.....	.8	.2	1927 compared with 1926.....	3.7	.5
1916 compared with 1915.....	4.3	.6	1928 compared with 1927.....	.4	.5
1917 compared with 1916.....	6.5	.4	1929 compared with 1928.....	.6	.4
1918 compared with 1917.....	16.2	1.4	1930 compared with 1929.....	3.8	1.9
1919 compared with 1918.....	16.5	2.4			

¹ Increase.

² Decrease.

INDEX NUMBERS OF BUILDING TRADES

Because of the particular interest of the public in the changes in rates in the building trades taken as a whole, the following table is given. Index numbers have not been computed for any of the other trade groups.

TABLE 9.—*Index numbers of wage rates per hour in the building trades, 1913 to 1930*
[1913=100.0]

Year	Index number	Year	Index number
1913.....	100.0	1922.....	187.5
1914.....	101.9	1923.....	207.3
1915.....	102.8	1924.....	224.0
1916.....	106.2	1925.....	232.7
1917.....	112.8	1926.....	248.0
1918.....	125.2	1927.....	256.7
1919.....	145.4	1928.....	258.1
1920.....	196.8	1929.....	261.6
1921.....	200.3	1930.....	272.8

INDEX NUMBERS BY TRADES, 1907 TO 1930

In preceding tables all trades have been combined into a general index number. In Table 10, following, index numbers are given, all cities combined, for each trade for which data are available back to 1913. In this table each other year is compared with 1913, the base.

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930

[1913=100.0]

Year	Bakers			Building trades								
				Bricklayers			Bricklayers: Sewer, tunnel, and caisson			Building laborers		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907.....	111.1	76.5	85.1	102.4	94.2	96.6	-----	-----	-----	102.8	90.2	93.5
1908.....	110.2	79.2	87.3	102.4	94.8	96.8	-----	-----	-----	102.8	90.7	94.0
1909.....	110.0	82.1	90.4	102.1	95.3	97.3	-----	-----	-----	102.5	90.9	94.7
1910.....	109.1	85.8	92.3	100.6	96.7	97.2	-----	-----	-----	100.0	94.5	94.8
1911.....	106.3	89.5	95.0	100.2	96.8	97.0	-----	-----	-----	100.0	94.6	94.9
1912.....	101.3	96.0	97.1	100.2	98.1	98.3	100.0	100.0	100.0	100.0	95.8	96.1
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
1914.....	99.4	102.5	102.0	99.5	102.5	102.0	100.0	100.0	100.0	99.8	100.9	100.5
1915.....	99.4	103.4	102.9	99.4	102.9	102.4	100.0	100.0	100.0	99.8	101.4	100.0
1916.....	98.1	107.0	105.5	99.2	103.8	103.1	100.0	100.0	100.0	99.2	106.1	104.1
1917.....	97.6	116.7	114.2	99.0	107.4	106.3	100.0	103.4	103.4	98.2	117.2	111.6
1918.....	96.0	142.2	136.3	98.9	115.4	114.3	100.0	110.9	110.9	97.7	137.4	130.2
1919.....	92.6	186.1	172.3	98.8	128.2	126.8	99.9	113.4	113.3	95.8	155.8	145.3
1920.....	89.9	264.0	238.0	98.7	174.7	172.6	99.9	152.3	152.2	94.8	226.9	206.4
1921.....	90.3	278.7	248.7	98.7	172.7	170.6	99.9	153.2	153.2	94.7	227.7	209.7
1922.....	90.4	267.0	240.6	98.7	168.4	166.4	99.9	149.0	149.0	94.0	213.9	195.8
1923.....	90.2	276.0	247.1	98.6	191.1	188.8	99.8	159.6	159.5	94.7	218.1	201.0
1924.....	90.1	283.5	254.5	98.6	202.2	198.9	99.8	167.3	167.2	94.4	242.4	222.1
1925.....	89.7	293.4	261.7	98.5	213.4	210.5	99.8	187.1	187.0	94.5	231.6	212.9
1926.....	90.5	277.2	250.3	98.5	226.4	223.5	99.8	199.2	199.0	94.7	254.9	235.0
1927.....	90.2	286.8	258.0	98.1	231.9	227.7	98.7	218.6	218.0	94.9	255.8	236.2
1928.....	89.6	285.9	254.5	98.0	233.9	229.6	99.7	214.3	213.8	94.8	257.0	237.0
1929.....	89.4	293.4	260.4	95.5	239.7	235.6	98.3	199.5	199.9	94.7	253.2	238.1
1930.....	89.4	289.2	257.1	93.3	245.1	228.6	94.7	199.1	188.8	92.8	275.3	248.2
Building trades—Continued												
	Carpenters			Carpenters: Parquetry-floor layers			Cement finishers			Engineers, portable and hoisting		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907.....	101.7	90.7	91.7	-----	-----	-----	102.4	90.7	92.7	-----	-----	-----
1908.....	101.4	91.4	92.4	-----	-----	-----	101.5	90.5	91.5	-----	-----	-----
1909.....	101.4	92.3	93.3	-----	-----	-----	102.2	93.3	94.2	-----	-----	-----
1910.....	100.7	95.1	95.5	-----	-----	-----	102.1	94.2	95.0	-----	-----	-----
1911.....	100.2	96.5	96.5	-----	-----	-----	101.1	97.7	98.5	-----	-----	-----
1912.....	100.1	98.5	98.6	-----	-----	-----	101.1	97.7	98.5	101.4	97.3	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
1914.....	99.6	101.6	101.5	100.0	106.1	106.0	99.4	101.0	100.5	99.8	101.4	101.2
1915.....	99.5	102.8	102.7	100.4	106.6	106.8	99.4	101.9	101.4	99.4	101.5	100.9
1916.....	99.4	105.8	105.6	100.4	107.7	107.9	97.9	103.0	101.4	98.9	102.5	101.4
1917.....	99.2	115.2	114.7	100.4	116.4	116.5	96.7	108.9	106.3	98.3	108.1	106.1
1918.....	98.5	126.1	124.8	95.3	130.0	124.2	96.2	120.2	116.7	96.8	123.8	119.7
1919.....	98.3	145.9	143.5	94.6	149.3	141.5	95.5	134.7	129.9	96.3	135.7	129.6
1920.....	98.5	194.8	191.9	94.1	219.0	206.5	95.0	182.9	175.7	95.8	175.6	167.2
1921.....	98.4	197.8	194.7	94.1	219.6	206.9	95.0	188.4	181.1	96.3	178.2	170.6
1922.....	98.6	183.1	182.5	93.7	220.6	207.8	95.0	174.7	167.8	95.9	168.0	160.0
1923.....	98.8	204.0	201.7	93.6	222.0	208.2	95.0	191.2	183.5	95.6	185.5	175.9
1924.....	98.8	218.3	216.0	93.2	222.0	207.5	95.0	211.4	203.0	95.6	197.2	187.2
1925.....	98.8	222.8	220.3	93.4	215.7	201.7	94.7	212.6	203.8	95.9	205.7	195.9
1926.....	98.8	238.4	235.6	94.1	253.1	238.6	94.7	226.9	217.3	96.1	217.2	207.4
1927.....	98.8	246.7	243.7	93.9	250.2	235.2	94.4	236.8	226.3	97.7	224.2	218.6
1928.....	98.2	247.5	243.2	93.3	236.1	220.7	93.8	234.6	222.6	96.6	233.5	224.0
1929.....	98.2	252.0	247.6	93.6	241.9	226.9	93.9	234.6	222.9	96.9	232.5	223.6
1930.....	95.1	261.6	248.4	87.7	259.5	228.7	90.3	256.4	233.5	93.5	259.0	238.5

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Building trades—Continued											
	Hod carriers			Inside wiremen			Inside wiremen: Fix- ture hangers			Lathers		
	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week
1907	102.5	95.2	97.1	101.4	88.9	89.7						
1908	102.4	95.5	97.3	101.2	93.8	94.6						
1909	102.1	95.7	97.4	101.2	94.3	95.1						
1910	101.2	97.2	98.2	100.8	95.9	96.5						
1911	100.7	98.1	98.7	100.6	96.9	97.4	102.4	94.8	97.9			
1912	100.0	98.7	98.7	100.2	98.1	98.2	102.1	95.5	97.8	100.0	97.8	97.7
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
1914	98.7	101.1	101.1	99.6	103.1	102.7	99.0	105.8	104.8	100.0	101.9	101.9
1915	98.7	101.8	101.7	99.1	105.1	104.2	98.5	106.4	104.9	99.5	103.0	102.5
1916	98.7	104.9	104.8	98.4	107.2	105.7	96.0	110.1	106.8	99.5	106.0	105.0
1917	98.6	117.0	116.7	98.0	113.9	111.9	96.0	117.9	114.3	99.1	110.2	108.8
1918	98.6	136.6	136.3	97.3	127.0	124.4	95.8	129.3	125.2	99.0	119.1	117.4
1919	98.2	159.8	158.9	96.5	145.6	141.4	95.0	144.2	138.6	98.7	132.4	130.0
1920	98.1	232.4	230.7	96.2	192.0	186.0	94.8	193.8	185.7	98.1	188.9	184.7
1921	98.0	237.8	236.0	96.2	201.9	195.8	94.7	202.5	194.2	98.1	192.1	187.8
1922	98.1	197.1	195.8	96.2	190.4	184.5	95.1	192.2	185.0	98.2	180.5	176.9
1923	98.1	215.4	214.3	96.2	197.1	191.0	94.8	205.6	197.2	98.4	199.3	195.6
1924	98.0	224.9	223.5	96.2	220.5	213.7	94.4	221.8	211.9	98.2	215.1	210.7
1925	97.9	251.5	249.4	96.2	232.4	225.2	95.0	230.8	212.4	97.9	234.5	229.7
1926	98.0	273.8	271.9	96.1	244.6	236.9	94.9	234.7	225.2	97.6	240.6	234.5
1927	98.0	280.4	278.5	96.2	254.9	246.7	94.4	232.7	222.5	97.2	250.3	242.6
1928	98.0	280.7	278.9	95.7	267.2	247.9	94.2	235.8	225.1	96.7	251.0	242.1
1929	92.7	293.0	273.5	95.4	268.2	251.6	93.7	241.8	229.6	96.2	249.0	238.8
1930	92.9	302.3	280.8	91.2	271.1	248.6	87.7	258.2	229.0	90.9	259.4	234.6
Year	Building trades—Continued											
	Marble setters			Marble setters' helpers			Painters			Painters, fresco		
	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week	Hours per full- time week	Rate of wages per hour	Rate of wages per full- time week
1907	101.8	89.9	91.4				102.3	85.3	87.2			
1908	101.8	90.7	92.3				102.2	88.1	90.0			
1909	100.7	91.2	91.9				102.0	88.8	90.6			
1910	100.5	92.5	93.2				101.3	92.6	93.3			
1911	100.0	93.4	93.7				100.7	94.3	94.7			
1912	100.0	93.8	93.9	100.0	94.0	94.6	100.6	95.4	95.7	100.3	98.4	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
1914	98.8	101.1	101.0	99.6	100.6	100.4	99.7	103.4	103.1	99.4	104.4	103.9
1915	98.8	102.1	102.0	99.6	100.6	100.4	99.7	103.9	103.5	99.4	104.4	103.9
1916	98.6	102.4	102.0	99.6	100.6	100.4	99.1	113.2	112.2	98.5	116.6	115.0
1917	98.6	102.5	102.1	99.6	107.3	106.8	98.1	117.0	115.9	98.5	117.6	115.9
1918	98.5	107.9	107.4	99.6	112.0	111.6	97.7	129.4	127.4	98.4	122.2	120.2
1919	98.1	119.9	118.9	99.5	128.1	127.5	97.5	161.4	148.9	98.4	142.9	140.3
1920	98.1	158.4	157.0	99.5	216.2	215.5	94.7	206.0	196.1	92.4	204.7	199.3
1921	99.2	160.6	159.4	99.8	215.3	215.1	94.7	212.8	202.6	92.0	207.1	199.9
1922	99.2	157.3	156.0	99.8	200.1	200.1	95.4	199.1	190.6	92.8	197.2	193.1
1923	99.2	178.0	176.5	99.8	216.2	216.2	95.1	218.7	208.9	92.7	206.5	191.6
1924	99.2	186.1	184.6	99.8	234.3	234.1	95.0	230.5	220.0	95.4	194.1	185.5
1925	99.2	190.0	188.3	99.8	222.5	222.3	95.3	243.1	233.2	93.1	220.0	204.7
1926	99.2	212.3	210.5	99.8	246.7	246.6	94.9	257.5	245.3	95.5	230.1	210.5
1927	99.1	217.0	215.0	99.7	245.2	244.8	94.5	266.2	252.5	94.6	245.1	231.4
1928	99.1	218.0	216.0	99.8	248.0	247.6	92.0	270.8	249.3	94.1	226.7	212.9
1929	99.1	233.4	231.4	99.7	262.8	262.4	91.8	270.2	248.2	94.4	231.0	217.3
1930	93.8	234.5	219.5	95.7	259.1	246.5	90.5	289.5	262.3	92.8	253.4	234.7

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Building trades—Continued											
	Painters, sign			Plasterers			Plasterers' laborers			Plumbers and gas fitters		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907				101.2	95.0	96.2	101.2	90.8	91.6	101.2	87.9	90.5
1908				100.8	94.7	95.2	100.9	95.0	95.4	101.3	88.8	91.4
1909				100.7	95.5	95.8	100.6	95.8	96.4	101.3	90.2	93.1
1910				100.6	96.6	97.0	100.6	96.4	96.9	101.1	90.9	93.6
1911				100.3	97.1	97.4	100.5	96.5	96.9	100.8	96.2	97.0
1912				100.0	99.1	99.1	100.0	97.6	97.5	100.1	98.7	96.8
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
1914	99.6	100.5	100.0	99.8	100.5	100.3	100.1	102.2	102.0	99.6	101.4	100.9
1915	99.3	100.5	99.8	99.4	100.9	100.3	100.1	102.4	102.3	99.6	102.1	101.5
1916	99.5	102.6	102.1	98.4	104.7	103.0	99.1	105.0	103.8	99.1	103.0	102.0
1917	99.0	107.0	106.0	98.3	107.5	105.7	99.0	112.3	111.1	99.0	106.5	105.5
1918	98.9	117.2	115.9	98.0	113.5	111.3	99.0	129.3	128.0	98.2	117.5	115.8
1919	98.8	140.7	133.9	98.0	130.9	128.3	98.7	147.3	145.6	97.9	133.0	130.7
1920	98.8	189.9	187.5	97.9	170.7	167.3	98.6	213.5	210.9	97.9	172.1	169.1
1921	98.7	196.1	193.5	97.5	180.5	176.2	98.3	219.1	215.7	97.8	181.1	177.6
1922	98.7	194.3	191.9	97.6	173.5	169.5	98.2	192.6	189.3	97.7	168.2	163.2
1923	98.9	210.0	202.9	98.1	193.2	189.9	98.4	212.0	206.9	97.7	185.6	182.0
1924	95.2	239.2	226.2	98.2	216.1	212.5	98.3	227.8	224.0	97.7	202.4	198.6
1925	95.1	241.5	228.9	97.9	219.8	215.4	98.1	243.1	239.3	97.7	206.6	202.7
1926	97.2	240.4	233.1	98.1	236.1	224.1	94.9	257.2	243.5	97.7	222.7	215.6
1927	95.4	247.2	234.7	94.7	241.0	227.6	94.9	259.7	245.6	97.6	227.2	222.7
1928	95.2	247.5	234.8	93.9	241.6	226.3	95.1	264.1	250.6	97.5	232.1	227.4
1929	93.7	249.9	233.1	93.0	238.6	221.7	95.0	265.0	251.6	96.7	233.8	226.8
1930	93.2	249.6	231.7	91.2	250.3	227.8	91.9	282.3	259.1	92.0	240.0	221.3
Year	Building trades—Continued											
	Sheet-metal workers			Steam fitters			Steam fitters' helpers			Stonemasons		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	101.8	86.1	87.3	102.1	86.0	87.4	101.8	85.2	84.7	102.3	92.3	94.6
1908	101.8	88.0	89.2	102.1	87.0	88.4	101.7	86.3	85.8	102.3	93.8	96.1
1909	101.8	88.5	89.8	101.8	89.1	90.3	101.5	86.9	86.2	102.3	94.0	96.4
1910	101.7	91.0	92.6	101.3	91.9	92.8	100.5	94.0	92.3	100.8	94.7	95.5
1911	101.5	93.9	95.1	101.1	95.1	95.9	100.4	94.4	94.7	100.1	95.9	96.1
1912	100.2	95.9	96.0	100.4	96.5	96.9	100.3	97.3	97.5	100.1	96.8	96.9
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
1914	99.9	103.7	103.6	98.8	101.8	100.8	100.7	102.1	101.6	99.9	103.0	102.9
1915	99.7	105.1	104.9	98.8	104.1	103.0	100.7	105.0	104.5	99.9	104.1	104.1
1916	99.3	106.9	106.4	98.5	106.2	104.8	100.5	106.4	105.7	99.7	105.5	105.2
1917	99.3	111.6	110.6	98.4	110.3	108.7	100.4	113.1	112.4	99.6	109.6	109.2
1918	98.2	130.6	128.7	97.4	120.6	117.9	99.1	130.7	128.3	99.6	120.4	120.0
1919	97.8	144.1	141.2	97.3	135.4	132.2	99.0	156.9	153.9	99.1	135.0	133.4
1920	97.5	193.2	189.0	97.3	178.8	174.5	99.0	227.3	222.9	99.0	188.1	185.8
1921	97.1	202.3	197.3	97.0	171.3	166.7	98.9	220.3	215.9	99.2	193.0	191.0
1922	97.1	187.5	183.0	97.0	167.6	163.2	98.9	226.1	221.7	99.2	178.7	177.8
1923	97.1	201.9	196.0	97.0	175.6	170.9	98.9	240.1	235.5	99.2	212.5	210.2
1924	97.1	221.7	216.0	97.0	201.5	196.1	98.9	266.0	261.0	98.9	225.2	222.4
1925	97.1	229.3	223.5	97.0	212.2	206.5	98.9	273.7	268.5	98.9	229.5	226.6
1926	97.1	244.8	238.7	96.9	229.7	223.5	98.8	289.7	283.8	99.1	253.1	250.2
1927	96.8	252.2	245.2	96.8	236.2	229.4	99.0	302.8	297.1	98.9	256.0	252.7
1928	91.5	247.4	239.9	96.8	239.5	232.6	98.6	309.2	302.6	98.8	259.3	255.8
1929	96.4	256.9	248.9	96.3	241.0	232.8	98.6	305.0	298.2	95.9	266.5	254.3
1930	92.7	268.5	249.4	92.0	252.2	233.0	90.8	340.5	305.8	92.9	266.4	246.5

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Building trades—Continued											
	Structural-iron workers			Structural-iron workers: Finishers			Tile layers			Tile layers' helpers		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	103.5	87.3	90.0									
1908	102.9	88.7	90.7									
1909	102.6	89.7	91.8									
1910	101.7	92.7	94.2									
1911	101.5	95.1	96.5									
1912	100.5	96.8	97.3	100.1	96.1	98.2	100.5	95.3	95.8	100.5	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
1914	99.8	101.7	101.5	99.8	102.3	102.1	100.0	100.5	100.6	100.0	100.8	100.9
1915	99.8	101.9	101.7	99.7	102.5	102.2	99.6	101.3	101.0	98.5	104.4	103.0
1916	99.5	103.6	103.1	99.5	104.0	103.6	99.1	102.6	101.8	98.2	108.2	106.5
1917	99.2	109.9	109.1	99.5	109.0	108.5	98.9	107.6	106.0	97.4	110.7	108.1
1918	98.9	126.5	125.2	99.3	122.5	121.8	98.8	110.8	109.2	97.3	114.3	111.6
1919	98.7	142.6	140.9	99.1	136.7	136.9	98.4	121.0	118.7	97.1	138.6	134.2
1920	98.7	179.4	177.3	99.1	180.3	180.6	98.2	162.6	159.3	97.1	226.9	219.8
1921	98.7	184.0	181.7	99.1	183.0	183.4	98.3	161.9	158.8	97.1	231.6	224.6
1922	98.8	166.6	164.7	99.1	168.2	168.6	98.1	159.2	155.8	97.1	217.4	210.4
1923	98.8	178.4	176.2	99.1	174.7	175.0	98.4	174.0	170.8	98.0	222.4	217.1
1924	98.7	202.5	200.0	99.1	193.7	194.0	98.4	197.5	194.0	98.0	242.2	236.4
1925	98.8	204.5	202.0	97.2	197.9	196.7	98.4	202.3	198.5	98.0	248.9	243.1
1926	98.7	218.5	215.9	99.1	220.7	221.1	98.4	212.0	209.9	98.0	269.8	263.4
1927	98.7	235.5	232.7	99.1	228.5	228.9	98.3	221.9	217.7	98.0	272.9	266.4
1928	98.7	235.7	232.7	99.0	230.2	230.4	98.0	221.8	217.0	97.9	278.5	271.6
1929	98.2	236.0	232.0	98.7	240.0	239.5	97.8	224.2	219.0	97.5	274.3	266.7
1930	95.4	248.1	235.7	94.4	257.2	244.8	92.8	234.9	217.1	92.6	300.8	275.8
Year	Granite and stone trades						Chauffeurs and teamsters and drivers					
	Granite cutters			Stonecutters			Chauffeurs			Teamsters and drivers		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	102.4	91.2	92.1	100.4	96.3	96.3						
1908	102.3	91.7	92.5	100.4	96.4	96.3						
1909	102.2	93.3	94.1	100.4	96.4	96.3						
1910	101.8	93.7	94.6	100.4	96.9	96.9						
1911	101.6	93.9	95.1	100.4	97.2	97.1						
1912	101.2	94.9	95.9	100.1	97.5	97.3						
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
1914	100.4	100.6	100.1	100.0	103.8	103.8	99.8	100.8	100.7	99.9	102.0	101.8
1915	100.4	101.1	100.6	100.0	104.6	104.6	99.1	101.7	100.8	99.0	103.2	102.4
1916	100.3	105.2	104.9	99.5	105.5	105.1	98.8	106.1	103.6	98.8	106.9	106.8
1917	100.3	109.3	109.0	99.5	110.6	110.1	98.5	112.9	109.1	98.4	113.9	112.3
1918	100.2	130.1	129.7	99.5	118.0	116.6	94.0	130.9	123.4	96.6	133.2	127.9
1919	100.2	153.8	153.3	99.5	140.1	138.4	90.0	163.0	145.6	93.2	169.9	157.7
1920	100.2	189.5	188.9	99.4	183.5	181.5	87.2	200.1	173.3	90.4	215.4	195.4
1921	100.1	209.0	208.0	99.3	189.5	187.2	87.5	202.5	174.4	88.2	223.0	199.5
1922	99.3	208.6	206.0	99.3	181.8	179.5	88.5	191.2	166.6	90.0	212.7	192.2
1923	99.8	212.7	211.3	99.2	196.3	195.7	88.6	197.7	173.4	89.3	224.9	201.7
1924	100.2	214.2	213.5	99.2	212.9	210.3	89.1	205.6	180.9	89.5	244.7	216.1
1925	100.2	216.8	216.3	99.4	221.9	219.5	87.7	223.5	192.5	88.2	254.3	223.0
1926	100.0	244.1	243.1	99.2	241.9	238.7	85.1	226.3	192.4	89.0	256.6	229.7
1927	100.2	242.6	241.8	99.2	241.2	238.1	83.8	242.1	200.4	88.3	269.1	240.1
1928	100.2	245.3	244.6	99.2	242.2	239.1	84.0	243.2	201.1	88.2	277.1	247.1
1929	99.9	249.8	248.4	99.1	253.6	250.0	82.7	244.2	199.1	87.5	279.8	247.5
1930	95.2	262.3	247.2	96.1	256.0	244.0	82.2	249.4	199.6	87.8	292.0	259.3

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Longshoremen			Printing and publishing: Book and job								
				Bookbinders			Compositors			Electrotypers		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907.....				111.1	84.0	93.3	100.1	89.9	88.9	104.1	87.1	96.0
1908.....				101.2	93.0	94.0	100.1	90.2	89.1	103.7	87.4	90.1
1909.....				100.6	94.2	94.6	100.1	90.3	89.3	103.6	87.9	90.5
1910.....				100.3	95.1	95.2	100.1	94.1	93.0	100.8	91.5	91.9
1911.....				100.0	96.9	96.9	100.1	96.6	95.5	100.2	96.7	96.7
1912.....				100.0	97.5	97.5	100.0	98.7	97.5	100.2	98.1	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
1914.....	100.0	102.8	102.9	100.0	101.6	101.6	100.0	102.5	102.5	99.8	104.5	104.5
1915.....	99.9	102.8	102.9	100.0	101.6	101.6	100.0	103.1	103.1	99.8	106.9	106.8
1916.....	99.9	116.5	116.8	100.0	102.0	102.0	100.0	105.3	105.3	99.7	109.8	109.5
1917.....	99.8	119.2	119.0	100.0	108.3	108.3	100.0	107.4	107.3	99.7	113.4	113.1
1918.....	93.3	149.0	138.7	100.0	121.6	121.5	100.0	118.6	118.6	99.6	119.1	118.8
1919.....	77.3	193.1	149.1	100.0	155.2	155.1	100.0	144.8	144.9	99.6	136.4	136.2
1920.....	76.7	233.5	178.5	100.0	204.0	203.9	100.0	190.6	190.5	99.5	195.5	195.6
1921.....	76.6	236.8	181.0	94.7	220.1	207.7	94.3	219.6	206.4	96.5	223.1	215.4
1922.....	81.8	195.9	160.6	93.9	211.2	197.8	92.3	223.4	206.2	95.1	227.4	216.2
1923.....	81.8	209.2	171.7	93.4	224.0	208.6	91.4	228.5	209.1	95.9	241.6	232.4
1924.....	81.8	238.5	195.6	93.1	233.9	217.4	91.7	238.5	213.9	95.7	250.6	240.5
1925.....	77.5	239.9	186.5	93.3	236.6	220.4	91.7	237.4	213.0	96.6	249.7	241.9
1926.....	76.7	242.0	186.4	93.2	240.8	224.3	91.7	242.1	222.3	96.6	252.2	244.2
1927.....	75.7	236.7	179.7	93.0	246.0	228.2	91.7	246.6	226.5	96.6	255.2	247.4
1928.....	75.6	248.6	188.6	93.6	244.8	228.4	91.7	250.1	229.8	96.6	257.1	249.1
1929.....	75.7	250.1	189.9	93.0	247.5	230.5	91.7	251.5	231.0	96.3	263.2	254.3
1930.....	75.6	253.5	192.3	93.5	250.7	233.7	91.7	259.3	238.5	95.2	269.9	257.9

Printing and publishing: Book and job—Continued												
Year	Machine operators			Machine tenders (machinists)			Machinist operators			Press assistants and feeders		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907.....	100.3	91.6	91.9	-----	-----	-----	-----	-----	-----	111.6	80.6	89.6
1908.....	100.3	91.7	92.0	-----	-----	-----	-----	-----	-----	101.4	89.2	90.0
1909.....	100.3	91.8	92.2	-----	-----	-----	-----	-----	-----	100.4	90.8	91.0
1910.....	100.3	93.9	94.2	-----	-----	-----	-----	-----	-----	100.2	92.4	92.7
1911.....	100.3	95.0	95.3	-----	-----	-----	-----	-----	-----	100.2	96.1	96.4
1912.....	100.0	97.3	97.4	100.0	98.4	98.4	-----	-----	-----	100.2	97.6	97.7
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
1914.....	100.0	101.0	101.1	100.0	100.3	100.3	100.0	100.7	100.8	100.0	102.7	102.7
1915.....	100.0	101.2	101.3	100.0	100.6	100.6	100.0	100.8	100.9	100.0	103.1	103.1
1916.....	100.1	101.6	101.7	100.2	101.0	102.1	101.2	101.0	102.4	100.0	104.5	104.4
1917.....	100.1	104.1	104.3	100.2	103.4	103.6	101.2	103.0	103.7	100.0	110.1	110.2
1918.....	100.1	112.5	112.7	100.2	113.4	113.7	101.2	107.4	108.3	100.0	128.8	128.7
1919.....	100.1	136.6	136.8	100.2	139.5	139.8	101.2	122.4	123.3	100.0	165.9	165.6
1920.....	100.1	174.6	174.9	100.2	174.7	175.0	101.2	151.1	152.4	99.9	227.7	227.2
1921.....	93.9	200.6	185.2	92.8	198.2	183.0	96.9	161.0	158.0	94.2	245.8	229.7
1922.....	92.6	200.0	185.0	92.4	198.4	182.9	95.2	167.0	158.6	93.2	238.0	221.2
1923.....	92.2	203.8	187.9	92.2	200.2	184.2	94.4	169.8	160.2	92.5	266.2	245.8
1924.....	91.8	212.9	195.2	92.1	214.4	198.8	94.4	171.6	162.0	92.7	263.8	246.5
1925.....	92.2	211.7	195.5	92.3	210.4	193.5	94.8	183.7	174.2	92.4	278.8	256.8
1926.....	92.0	215.2	198.1	89.2	219.9	196.3	94.6	179.2	169.9	92.3	281.9	259.3
1927.....	92.2	223.0	205.5	92.1	227.1	208.6	94.5	189.6	179.4	92.2	285.3	262.6
1928.....	92.0	224.6	206.9	92.1	216.8	199.2	94.4	179.6	166.3	92.2	287.0	263.9
1929.....	92.0	228.0	210.2	92.1	219.9	202.1	94.3	185.7	175.4	92.1	289.7	266.2
1930.....	92.0	238.0	219.4	92.1	233.2	214.4	94.0	184.3	173.1	92.1	294.8	271.1

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Printing and publishing: Book and job—Continued						Printing and publishing: Newspaper					
	Pressmen, cylinder			Pressmen, platen			Compositors, day work			Compositors, night work		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	106.8	83.1	83.3	105.8	87.3	91.6	100.4	89.2	89.7	100.2	93.0	93.2
1908	101.6	87.4	88.5	102.2	90.2	91.7	100.4	89.5	90.1	100.2	93.1	93.2
1909	100.2	94.6	94.7	100.1	93.4	95.5	100.4	90.7	91.3	100.2	94.0	94.2
1910	100.0	95.4	95.4	99.8	94.9	94.9	100.4	92.7	93.3	100.2	95.4	95.7
1911	100.0	97.3	97.3	99.8	96.8	96.8	100.4	95.4	96.0	100.2	96.9	97.1
1912	100.0	98.9	98.9	98.8	98.0	98.0	100.1	98.0	98.1	100.0	98.4	98.5
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
1914	100.0	102.3	102.3	100.0	101.6	101.6	99.7	101.1	100.9	99.8	100.9	100.7
1915	100.0	102.5	102.5	100.0	102.1	102.1	99.6	101.8	101.4	99.6	101.4	101.0
1916	100.0	103.7	103.7	100.0	104.1	104.0	99.6	102.3	101.8	99.5	101.7	101.2
1917	100.0	105.8	105.8	100.0	109.2	109.2	99.5	105.1	104.6	99.5	104.1	103.5
1918	100.0	117.2	117.0	100.0	120.4	120.3	99.6	110.0	109.6	99.7	108.3	107.9
1919	100.0	142.1	141.6	99.9	148.0	147.6	99.6	131.6	131.0	99.7	130.8	130.3
1920	100.0	184.5	184.0	99.9	200.4	199.7	99.9	160.7	160.6	100.0	158.0	157.9
1921	94.5	205.5	193.1	94.7	231.7	218.3	99.5	174.3	174.4	99.8	171.7	171.4
1922	93.4	200.8	186.7	94.1	226.5	218.0	100.8	176.3	178.1	101.1	176.2	178.4
1923	93.0	216.7	200.4	92.9	235.8	218.6	100.6	177.9	179.5	101.1	178.2	180.4
1924	93.1	223.1	206.3	93.1	242.9	225.7	99.7	189.0	193.2	99.9	187.5	187.2
1925	92.6	225.9	208.2	93.1	244.3	226.9	99.4	193.7	193.1	100.0	187.4	187.5
1926	92.4	230.5	212.3	92.3	255.8	235.5	99.3	196.7	195.8	100.5	193.4	193.1
1927	92.4	230.9	212.4	92.3	258.3	237.8	99.3	201.8	200.6	99.4	199.7	198.4
1928	92.3	232.7	214.0	92.5	253.9	234.3	98.9	206.6	204.1	99.4	203.0	201.5
1929	92.3	236.8	217.5	92.6	257.8	238.2	98.4	211.3	207.6	99.1	205.3	203.1
1930	92.3	240.1	220.7	92.6	259.9	240.1	98.4	212.5	209.3	99.5	203.6	202.6
Printing and publishing: Newspaper—Continued												
Year	Machine operators, day work			Machine operators, day work (piece work)			Machine operators, night work			Machine operators, night work (piece work)		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	100.6	90.9	91.4	-----	-----	-----	100.3	93.4	93.7	-----	-----	-----
1908	100.6	92.7	93.2	-----	-----	-----	100.3	94.4	94.7	-----	-----	-----
1909	100.6	92.8	93.4	-----	-----	-----	100.3	94.6	95.0	-----	-----	-----
1910	100.5	94.8	95.4	-----	-----	-----	100.3	96.2	96.6	-----	-----	-----
1911	100.5	96.2	96.7	-----	-----	-----	100.3	96.8	97.2	-----	-----	-----
1912	100.2	97.8	98.1	99.8	100.6	-----	100.1	98.5	98.5	100.0	100.6	-----
1913	100.0	100.0	100.0	100.0	100.0	-----	100.0	100.0	100.0	100.0	100.0	-----
1914	99.6	101.3	100.8	100.0	100.0	-----	99.8	100.9	100.7	99.9	100.0	-----
1915	99.4	102.2	101.5	100.0	100.0	-----	99.6	101.7	101.3	99.9	100.0	-----
1916	99.2	102.7	101.8	100.0	99.9	-----	99.5	102.0	101.5	99.4	99.8	-----
1917	99.2	105.9	104.9	100.1	101.4	-----	99.5	104.9	104.3	101.4	99.8	-----
1918	99.3	110.1	109.2	102.1	104.3	-----	99.7	108.1	108.0	101.4	102.4	-----
1919	99.3	124.0	123.0	102.5	116.8	-----	99.7	131.7	131.8	102.0	113.9	-----
1920	99.5	167.5	166.3	101.8	128.6	-----	99.7	162.2	162.1	101.6	120.0	-----
1921	99.2	175.5	174.0	100.7	119.6	-----	99.7	169.9	169.9	100.1	104.6	-----
1922	100.3	180.6	181.3	98.0	120.5	-----	101.6	174.1	177.4	98.9	106.0	-----
1923	100.3	183.1	183.7	97.6	125.0	-----	101.4	175.5	179.0	99.0	112.3	-----
1924	99.1	193.4	191.5	99.3	117.8	-----	99.9	186.4	186.6	94.5	110.9	-----
1925	99.0	198.0	196.0	103.3	135.8	-----	99.9	189.5	189.0	103.3	113.7	-----
1926	98.9	201.6	199.0	102.7	133.5	-----	99.4	196.7	194.7	103.4	118.6	-----
1927	98.5	208.9	205.5	99.0	134.9	-----	99.6	196.9	196.2	101.2	112.3	-----
1928	98.2	213.8	210.0	98.7	138.5	-----	99.3	205.9	204.7	101.7	108.1	-----
1929	98.3	217.4	213.4	102.5	124.1	-----	99.4	207.5	206.6	93.6	103.2	-----
1930	98.2	216.7	212.5	100.4	130.4	-----	99.4	207.0	206.1	102.0	109.5	-----

TABLE 10.—Index numbers of union hours of labor per week, rates of wages per hour, and wages per full-time week, 1907 to 1930—Continued

Year	Printing and publishing: Newspaper—Continued											
	Machine tenders (machinists), day work			Machine tenders (machinists), night work			Machinist operators, day work			Machinist operators, night work		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1912	100.0	98.7	99.8	100.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
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
1914	98.8	100.5	100.3	100.0	100.4	100.2	100.0	100.0	100.0	100.0	100.0	100.0
1915	98.7	101.1	100.8	98.7	101.1	100.7	100.0	100.0	100.0	100.0	100.0	100.0
1916	98.7	101.3	100.9	99.7	101.2	100.8	100.0	101.6	101.6	100.0	100.2	100.2
1917	98.7	102.8	102.4	99.7	102.4	102.0	100.0	104.1	103.8	98.6	104.4	102.9
1918	98.7	108.1	107.8	98.8	106.8	106.6	100.3	106.8	106.2	101.8	106.0	107.5
1919	98.7	138.4	137.7	99.8	134.9	134.9	100.3	111.6	111.9	102.0	118.6	118.5
1920	98.8	171.7	170.9	99.9	165.4	165.1	100.3	123.2	123.5	102.0	138.7	142.4
1921	98.8	178.5	178.0	100.0	170.8	170.8	98.3	163.8	161.1	102.9	153.9	159.8
1922	100.4	180.2	180.8	100.6	172.4	173.5	98.1	165.5	162.5	102.1	160.4	165.8
1923	100.5	180.9	181.6	100.6	173.0	174.1	98.3	166.8	164.0	102.8	151.1	157.2
1924	98.9	191.5	190.8	100.0	183.0	183.0	97.6	180.7	176.4	101.7	164.5	169.6
1925	100.3	185.3	185.7	100.6	178.4	178.8	98.2	178.7	168.4	103.7	156.8	163.8
1926	100.2	185.2	185.3	100.3	176.5	176.4	99.2	171.9	170.5	103.9	161.1	168.3
1927	100.1	194.5	194.4	98.9	187.1	185.9	98.6	177.2	175.2	102.6	174.9	179.5
1928	100.0	198.4	197.8	98.7	180.8	180.6	97.6	179.2	174.4	102.1	175.8	179.3
1929	98.6	201.7	200.3	98.5	186.6	185.2	98.7	178.5	173.9	104.1	172.7	179.9
1930	98.2	205.1	202.7	99.2	191.9	190.0	98.3	179.0	176.5	103.6	174.8	181.3
Year	Printing and publishing: Newspaper—Continued											
	Pressmen, web presses, day work			Pressmen, web presses, night work			Stereotypers, day work			Stereotypers, night work		
	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week
1907	102.5	88.2	89.1	101.1	94.8	95.2	101.9	86.9	87.6	100.9	90.9	91.1
1908	101.0	90.3	90.5	101.0	94.9	95.3	101.5	89.3	89.7	100.6	91.6	91.7
1909	100.3	91.5	91.5	100.7	95.5	95.8	101.5	90.2	90.8	100.6	92.1	92.3
1910	100.3	95.5	95.7	100.2	96.5	96.5	100.5	92.1	92.6	100.1	92.9	92.9
1911	100.3	96.3	96.4	100.1	96.7	96.7	100.2	93.0	93.0	100.0	93.1	93.1
1912	100.0	98.0	98.0	100.1	97.8	97.9	99.9	94.5	94.5	100.0	94.3	94.4
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
1914	100.0	100.6	100.6	100.0	100.6	100.7	99.8	101.1	100.9	99.8	101.0	100.9
1915	100.0	101.3	101.3	100.1	101.2	101.3	99.8	101.4	101.2	99.8	101.2	101.1
1916	100.0	102.0	102.1	100.0	101.6	101.8	99.8	102.4	102.3	99.8	102.0	102.0
1917	100.0	104.3	104.3	99.9	103.1	103.2	99.8	105.0	104.9	99.6	104.6	104.4
1918	99.9	113.1	113.4	99.9	110.6	110.7	99.8	109.4	109.2	99.4	109.4	108.8
1919	101.1	136.6	137.0	99.9	139.3	138.5	99.9	123.0	122.8	99.4	123.1	122.4
1920	101.1	160.5	170.2	98.7	171.5	169.2	99.9	149.8	149.2	98.2	150.9	148.8
1921	100.6	184.1	184.1	97.5	184.9	183.1	98.1	173.9	169.6	97.5	176.3	170.9
1922	102.3	180.3	184.1	108.6	167.7	184.8	99.9	171.8	171.2	99.4	172.7	171.4
1923	102.3	182.4	186.1	107.8	169.6	185.7	99.9	174.9	174.3	98.5	178.6	176.0
1924	100.5	199.4	199.4	101.9	193.2	199.0	99.8	180.4	179.5	98.7	182.8	180.5
1925	100.0	208.2	207.4	101.9	200.6	206.8	99.6	184.5	183.5	97.7	188.4	183.7
1926	100.3	212.2	211.4	103.2	198.5	207.2	99.6	188.1	187.1	98.4	187.9	185.9
1927	99.9	223.3	221.8	102.8	209.7	217.8	99.1	191.0	188.6	99.3	188.4	187.8
1928	99.9	224.9	223.4	102.5	215.7	223.5	99.5	191.0	189.8	99.7	188.6	188.8
1929	99.8	228.1	226.2	103.0	216.1	224.8	98.5	200.1	196.4	99.4	198.3	197.5
1930	99.9	229.3	227.3	102.8	218.7	227.2	98.5	201.8	198.2	98.5	202.8	199.7

SELECTED CITIES AND TRADES

In Table 11 actual wage rates and hours of labor, and index numbers therefor, from 1907 to 1930, are given for selected trades in 13 representative cities. These trades number from 8 to 18 in the different cities. The figures for years other than 1930 were taken from earlier bulletins. In this table 1907 is taken as the base, or 100. Space does not permit the compilation for all cities and all trades.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930

ATLANTA, GA.

[1907=100.0. Figures for compositors and machine operators apply only to those working on English text]

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	40.0	\$21.20	53	100.0	100.0	100.0	30.0	\$16.20	54	100.0	100.0	100.0
1908.....	45.0	23.85	53	112.5	112.5	100.0	30.0	16.20	54	100.0	100.0	100.0
1909.....	45.0	23.85	53	112.5	112.5	100.0	30.0	16.20	54	100.0	100.0	100.0
1910.....	45.0	23.85	53	112.5	112.5	100.0	30.0	16.20	54	100.0	100.0	100.0
1911.....	45.0	23.85	53	112.5	112.5	100.0	35.0	18.90	54	116.7	166.7	100.0
1912.....	45.0	23.85	53	112.5	112.5	100.0	35.0	18.90	54	116.7	116.7	100.0
1913.....	45.0	23.85	53	112.5	112.5	100.0	40.0	20.00	50	133.3	123.5	92.6
1914.....	45.0	22.50	50	112.5	106.1	94.3	40.0	20.00	50	113.3	123.5	92.6
1915.....	45.0	22.50	50	112.5	106.1	94.3	40.0	20.00	50	133.3	123.5	92.6
1916.....	50.0	25.00	50	125.0	117.9	94.3	40.0	20.00	50	133.3	123.5	92.6
1917.....	60.0	30.00	50	150.0	141.5	94.3	50.0	25.00	50	166.7	154.3	92.6
1918.....	60.0	30.00	50	166.0	141.5	94.3	50.0	25.00	50	166.7	154.3	92.6
1919.....	70.0	30.80	44	175.0	145.3	83.0	60.0	26.40	44	200.0	163.0	81.5
1920.....	112.5	49.50	44	281.3	233.5	83.0	80.0	35.20	44	266.7	217.3	81.5
1921.....	100.0	44.00	44	250.0	207.5	83.0	70.0	30.80	44	233.3	190.1	81.5
1922.....	100.0	44.00	44	250.0	207.5	83.0	70.0	30.80	44	233.3	190.1	81.5
1923.....	112.5	49.50	44	281.3	233.5	83.0	70.0	30.80	44	233.3	190.1	81.5
1924.....	125.0	55.00	44	312.5	259.4	83.0	80.0	35.20	44	266.7	217.3	81.5
	112.5	49.50		281.3	233.5							
1925.....	125.0	55.00	44	312.5	259.4	83.0	80.0	35.20	44	266.7	217.3	81.5
	112.5	49.50	44	281.3	233.5		80.0	35.20	44	266.7	217.3	81.5
1926.....	140.0	61.60	44	350.0	290.6	83.0	80.0	35.20	44	266.7	217.3	81.5
1927.....	140.0	61.60	44	350.0	290.6	83.0	80.0	35.20	44	266.7	217.3	81.5
1928.....	140.0	61.60	44	350.0	290.6	83.0	80.0	35.20	44	266.7	217.3	81.5
1929.....	125.0	55.00	44	312.5	259.4	83.0	80.0	35.20	44	266.7	217.3	81.5
1930.....	125.0	55.00	44	312.5	259.4	83.0	80.0	35.20	44	266.7	217.3	81.5
	Compositors, book and job						Compositors, newspaper, day work					
1907.....	31.3	\$15.00	48	100.0	100.0	100.0	37.5	\$18.00	48	100.0	100.0	100.0
1908.....	31.3	15.00	48	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1909.....	34.4	16.50	48	109.9	116.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1910.....	34.4	16.50	48	109.9	116.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1911.....	34.4	16.50	48	109.9	116.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1912.....	34.4	16.50	48	109.9	116.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1913.....	34.4	16.50	48	109.9	116.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1914.....	37.5	18.00	48	119.8	120.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1915.....	37.5	18.00	48	119.8	120.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1916.....	37.5	18.00	48	119.8	120.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1917.....	37.5	18.00	48	119.8	120.0	100.0	43.8	21.00	48	116.8	116.7	100.0
1918.....	37.5	18.00	48	119.8	120.0	100.0	50.0	24.00	48	133.3	133.3	100.0
1919.....	43.8	21.00	48	139.9	140.0	100.0	60.6	29.10	48	161.6	161.7	100.0
1920.....	57.5	27.60	48	183.7	184.0	100.0	63.8	30.00	48	170.1	170.0	100.0
1921.....	75.0	36.00	48	239.6	240.0	100.0	91.0	43.70	48	242.7	242.8	100.0
1922.....	80.0	35.20	44	255.6	234.7	91.7	86.5	41.52	48	230.7	230.7	100.0
1923.....	80.0	35.20	44	255.6	234.7	91.7	86.5	41.52	48	230.7	230.7	100.0
1924.....	80.0	35.20	44	255.6	234.7	91.7	93.8	45.00	48	250.1	250.0	100.0
1925.....	80.0	35.20	44	255.6	234.7	91.7	93.8	45.00	48	250.1	250.0	100.0
1926.....	80.0	35.20	44	255.6	234.7	91.7	100.0	48.00	48	266.7	266.7	100.0
1927.....	100.0	44.00	44	319.5	293.3	91.7	100.0	48.00	48	266.7	266.7	100.0
1928.....	100.0	44.00	44	319.5	293.3	91.7	100.0	48.00	48	266.7	266.7	100.0
1929.....	100.0	44.00	44	319.5	293.3	91.7	103.1	49.50	48	274.9	275.0	100.0
1930.....	100.0	44.00	44	319.5	293.3	91.7	103.1	49.50	48	274.9	275.0	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ATLANTA, GA.—Continued

Year	Machine operators, book and job						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	43.8	\$21.00	48	100.0	100.0	100.0	27.8	\$15.00	53	100.0	100.0	100.0
1908.....	43.8	21.00	48	100.0	100.0	100.0	27.8	15.00	53	100.0	100.0	100.0
1909.....	43.8	21.00	48	100.0	100.0	100.0	27.8	15.00	53	100.0	100.0	100.0
1910.....	43.8	21.00	48	100.0	100.0	100.0	30.7	16.59	53	110.4	110.6	100.0
1911.....	43.8	21.00	48	100.0	100.0	100.0	30.7	16.59	53	110.4	110.6	100.0
1912.....	43.8	21.00	48	100.0	100.0	100.0	33.3	18.00	53	119.8	120.0	100.0
1913.....	43.8	21.00	48	100.0	100.0	100.0	33.3	18.00	53	119.8	120.0	100.0
1914.....	46.9	22.50	48	107.1	107.1	100.0	33.3	18.00	53	119.8	120.0	100.0
1915.....	46.9	22.50	48	107.1	107.1	100.0	33.3	18.00	53	119.8	120.0	100.0
1916.....	46.9	22.50	48	107.1	107.1	100.0	33.3	18.00	53	119.8	120.0	100.0
1917.....	46.9	22.50	48	107.1	107.1	100.0	36.1	19.50	53	129.9	130.0	100.0
1918.....	46.9	22.50	48	107.1	107.1	100.0	50.0	24.00	48	179.9	160.0	90.6
1919.....	46.9	22.50	48	107.1	107.1	100.0	60.0	26.40	44	215.8	176.0	83.0
1920.....	57.5	27.60	48	131.3	131.4	100.0	60.0	26.40	44	215.8	176.0	83.0
1921.....	75.0	36.00	48	171.2	171.4	100.0	85.0	37.40	44	305.8	249.3	83.0
1922.....	80.0	35.20	44	182.6	167.6	91.7	75.0	33.00	44	269.8	220.0	83.0
1923.....	80.0	35.20	44	182.6	167.6	91.7	75.0	33.00	44	269.8	220.0	83.0
1924.....	80.0	35.20	44	182.6	167.6	91.7	75.0	33.00	44	269.8	220.0	83.0
1925.....	80.0	35.20	44	182.6	167.6	91.7	75.0	33.00	44	269.8	220.0	83.0
1926.....	80.0	35.20	44	182.6	167.6	91.7	80.0	35.20	44	287.8	234.7	83.0
1927.....	100.0	44.00	44	228.3	209.5	91.7	85.0	37.40	44	305.8	249.3	83.0
1928.....	100.0	44.00	44	228.3	209.5	91.7	85.0	37.40	44	305.8	249.3	83.0
1929.....	100.0	44.00	44	228.3	209.5	91.7	85.0	37.40	44	305.8	249.3	83.0
1930.....	100.0	44.00	44	228.3	209.5	91.7	85.0	37.40	44	305.8	249.3	83.0
	Plasterers						Plumbers and gas fitters					
1907.....	45.0	\$23.85	53	100.0	100.0	100.0	40.0	\$21.60	53	100.0	100.0	100.0
1908.....	45.0	23.85	53	100.0	100.0	100.0	40.0	21.60	53	100.0	100.0	100.0
1909.....	45.0	23.85	53	100.0	100.0	100.0	40.0	21.60	53	100.0	100.0	100.0
1910.....	45.0	23.85	53	100.0	100.0	100.0	40.0	21.60	53	100.0	100.0	100.0
1911.....	45.0	23.85	53	100.0	100.0	100.0	40.0	21.60	53	100.0	100.0	100.0
1912.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1913.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1914.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1915.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1916.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1917.....	45.0	23.85	53	100.0	100.0	100.0	44.4	24.00	53	111.1	111.1	100.0
1918.....	50.0	24.75	49½	111.1	103.8	93.4	68.8	30.25	44	172.0	140.0	83.0
1919.....	60.0	29.70	49½	133.3	124.5	93.4	75.0	33.00	44	187.5	152.8	83.0
1920.....	100.0	44.00	44	222.2	184.5	83.0	75.0	33.00	44	187.5	152.8	83.0
1921.....	100.0	44.00	44	222.2	184.5	83.0	75.0	33.00	44	187.5	152.8	83.0
1922.....	100.0	44.00	44	222.2	184.5	83.0	100.0	44.00	44	250.0	203.7	83.0
1923.....	100.0	44.00	44	222.2	184.5	83.0	100.0	44.00	44	250.0	203.7	83.0
1924.....	100.0	44.00	44	222.2	184.5	83.0	112.5	49.50	44	281.3	229.2	83.0
1925.....	100.0	44.00	44	222.2	184.5	83.0	112.5	49.50	44	281.3	229.2	83.0
1926.....	125.0	55.00	44	277.8	230.6	83.0	125.0	55.00	44	312.5	254.6	83.0
1927.....	125.0	55.00	44	277.8	230.6	83.0	125.0	55.00	44	312.5	254.6	83.0
1928.....	125.0	55.00	44	277.8	230.6	83.0	125.0	55.00	44	312.5	254.6	83.0
1929.....	125.0	55.00	44	277.8	230.6	83.0	125.0	55.00	44	312.5	254.6	83.0
1930.....	125.0	55.00	44	277.8	230.6	83.0	125.0	55.00	44	312.5	254.6	83.0

¹ Work 53 hours, paid for 54.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BALTIMORE, MD.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	Cents 62.5	\$30.00	48	100.0	100.0	100.0	Cents 43.8	\$21.00	48	100.0	100.0	100.0
1908	62.5	30.00	48	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1909	62.5	28.13	* 45	100.0	93.8	93.8	43.8	21.00	48	100.0	100.0	100.0
1910	62.5	28.13	* 45	100.0	93.8	93.8	43.8	21.00	48	100.0	100.0	100.0
1911	62.5	28.13	* 45	100.0	93.8	93.8	43.8	21.00	48	100.0	100.0	100.0
1912	62.5	28.13	* 45	100.0	93.8	93.8	43.8	21.00	48	100.0	100.0	100.0
1913	62.5	28.13	* 45	100.0	93.8	93.8	43.8	21.00	48	100.0	100.0	100.0
1914	62.5	28.13	* 45	100.0	93.8	93.8	43.8	19.25	* 44	100.0	91.7	91.7
1915	70.0	31.50	* 45	112.0	105.0	93.8	43.8	19.25	* 44	100.0	91.7	91.7
1916	70.0	31.50	* 45	112.0	105.0	93.8	43.8	19.25	* 44	100.0	91.7	91.7
1917	75.0	33.00	44	120.0	110.0	91.7	50.0	22.00	44	114.2	104.8	91.7
1918	75.0	33.00	44	120.0	110.0	91.7	62.5	27.50	44	142.7	131.0	91.7
1919	100.0	45.00	45	160.0	150.0	93.8	80.0	35.20	44	182.6	167.6	91.7
1920	125.0	56.25	45	200.0	187.5	93.8	90.0	39.60	44	205.5	188.6	91.7
1921	125.0	56.25	45	200.0	187.5	93.8	90.0	39.60	44	205.5	188.6	91.7
1922	125.0	56.25	45	200.0	187.5	93.8	80.0	35.20	44	182.6	167.6	91.7
1923	150.0	67.50	45	240.0	225.0	93.8	90.0	39.60	44	205.5	188.6	91.7
1924	150.0	66.00	44	240.0	220.0	91.7	90.0	39.60	44	205.5	188.6	91.7
1925	150.0	66.00	44	240.0	220.0	91.7	100.0	44.00	44	228.3	209.5	91.7
1926	162.5	71.50	44	260.0	238.3	91.7	110.0	48.40	44	251.1	230.5	91.7
1927	162.5	71.50	44	260.0	238.3	91.7	110.0	48.40	44	251.1	230.5	91.7
1928	162.5	71.50	* 44	260.0	238.3	91.7	110.0	44.00	40	251.1	209.5	83.3
1929	162.5	65.00	40	260.0	216.7	83.3	110.0	44.00	40	251.1	209.5	83.3
1930	175.0	70.00	40	280.0	233.3	83.3	110.0	44.00	40	251.1	209.5	83.3
	Compositors, book and job						Compositors, newspaper, day work					
1907	32.1	\$15.40	48	100.0	100.0	100.0	50.0	\$21.00	42	100.0	100.0	100.0
1908	32.1	15.40	48	100.0	100.0	100.0	50.0	21.00	42	100.0	100.0	100.0
1909	32.1	15.40	48	100.0	100.0	100.0	50.0	21.00	42	100.0	100.0	100.0
1910	35.4	17.00	48	110.3	110.4	100.0	50.0	21.00	42	100.0	100.0	100.0
1911	37.5	18.00	48	116.8	116.9	100.0	50.0	21.00	42	100.0	100.0	100.0
1912	37.5	18.00	48	116.8	116.9	100.0	50.0	21.00	42	100.0	100.0	100.0
1913	37.5	18.00	48	116.8	116.9	100.0	50.0	21.00	42	100.0	100.0	100.0
1914	37.5	18.00	48	116.8	116.9	100.0	57.1	24.00	42	114.2	114.3	100.0
1915	37.5	18.00	48	116.8	116.9	100.0	59.5	25.00	42	119.0	119.0	100.0
1916	37.5	18.00	48	116.8	116.9	100.0	59.5	25.00	42	119.0	119.0	100.0
1917	43.8	21.00	48	136.4	136.4	100.0	61.9	26.00	42	123.8	123.8	100.0
1918	43.8	21.00	48	136.4	136.4	100.0	61.9	26.00	42	123.8	123.8	100.0
1919	54.2	26.00	48	168.8	168.8	100.0	65.5	27.50	42	131.0	131.0	100.0
1920	81.3	39.00	48	253.3	253.2	100.0	93.3	42.00	45	186.6	200.0	107.1
1921	83.3	40.00	48	259.5	259.7	100.0	93.3	42.00	45	186.6	200.0	107.1
1922	83.3	40.00	48	259.5	259.7	100.0	95.5	42.00	44	191.0	200.0	104.8
1923	90.9	40.00	44	283.2	259.7	91.7	95.5	42.00	44	191.0	200.0	104.8
1924	90.9	40.00	44	283.2	259.7	91.7	106.8	47.00	44	213.6	223.8	104.8
1925	90.9	40.00	44	283.2	259.7	91.7	106.8	47.00	44	213.6	223.8	104.8
1926	90.9	40.00	44	283.2	259.7	91.7	110.2	48.50	44	220.4	231.0	104.8
1927	90.9	40.00	44	283.2	259.7	91.7	110.2	48.50	44	220.4	231.0	104.8
1928	90.9	40.00	44	283.2	259.7	91.7	110.2	48.50	44	220.4	231.0	104.8
1929	90.9	40.00	44	283.2	259.7	91.7	114.8	50.50	44	229.6	240.5	104.8
1930	100.0	44.00	44	311.5	285.7	91.7	114.8	50.50	44	229.6	240.5	104.8

* 44 hours, November to March, inclusive.

* 48 hours, November to March, inclusive.

* 40 hours, June to August, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BALTIMORE, MD.—Continued

Year	Granite cutters, inside						Granite cutters, outside					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>											
1907	45.0	\$20.03	44½	100.0	100.0	100.0	50.0	\$22.25	44½	100.0	100.0	100.0
1908	45.0	20.03	44½	100.0	100.0	100.0	50.0	22.25	44½	100.0	100.0	100.0
1909	45.0	20.03	44½	100.0	100.0	100.0	50.0	22.25	44½	100.0	100.0	100.0
1910	45.0	20.03	44½	100.0	100.0	100.0	50.0	22.25	44½	100.0	100.0	100.0
1911	45.0	20.03	44½	100.0	100.0	100.0	50.0	22.25	44½	100.0	100.0	100.0
1912	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1913	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1914	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1915	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1916	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1917	50.0	22.00	44	111.1	109.8	98.9	56.3	24.75	44	112.6	111.2	98.9
1918	62.5	27.50	44	138.9	137.3	98.9	62.5	27.50	44	125.0	124.0	98.9
1919	75.0	33.00	44	166.7	164.8	98.9	75.0	33.00	44	150.0	148.3	98.9
1920	100.0	44.00	44	222.2	219.7	98.9	100.0	44.00	44	200.0	197.8	98.9
1921	100.0	44.00	44	222.2	219.7	98.9	100.0	44.00	44	200.0	197.8	98.9
1922	100.0	44.00	44	222.2	219.7	98.9	100.0	44.00	44	200.0	197.8	98.9
1923	100.0	44.00	44	222.2	219.7	98.9	100.0	44.00	44	200.0	197.8	98.9
1924	112.5	49.50	44	250.0	247.1	98.9	112.5	49.50	44	225.0	222.5	98.9
1925	112.5	49.50	44	250.0	247.1	98.9	112.5	49.50	44	225.0	222.5	98.9
1926	118.8	52.25	44	264.0	260.9	98.9	118.8	52.25	44	237.6	234.8	98.9
1927	118.8	52.25	44	264.0	260.9	98.9	118.8	52.25	44	237.6	234.8	98.9
1928	118.8	52.25	44	264.0	260.9	98.9	118.8	52.25	44	237.6	234.8	98.9
1929	118.8	52.25	44	264.0	260.9	98.9	118.8	52.25	44	237.6	234.8	98.9
1930	118.8	52.25	44	264.0	260.9	98.9	118.8	52.25	44	237.6	234.8	98.9
	Machine operators, book and job						Machine operators, newspaper, day work					
1907	43.8	\$21.00	48	100.0	100.0	100.0	53.6	\$22.50	42	100.0	100.0	100.0
1908	43.8	21.00	48	100.0	100.0	100.0	53.6	22.50	42	100.0	100.0	100.0
1909	43.8	21.00	48	100.0	100.0	100.0	53.6	22.50	42	100.0	100.0	100.0
1910	43.8	21.00	48	100.0	100.0	100.0	53.6	22.50	42	100.0	100.0	100.0
1911	46.9	22.50	48	107.1	107.1	100.0	53.6	22.50	42	100.0	100.0	100.0
1912	46.9	22.50	48	107.1	107.1	100.0	53.6	22.50	42	100.0	100.0	100.0
1913	46.9	22.50	48	107.1	107.1	100.0	53.6	22.50	42	100.0	100.0	100.0
1914	46.9	22.50	48	107.1	107.1	100.0	57.1	24.00	42	106.5	106.7	100.0
1915	46.9	22.50	48	107.1	107.1	100.0	58.5	25.00	42	111.0	111.1	100.0
1916	46.9	22.50	48	107.1	107.1	100.0	58.5	25.00	42	111.0	111.1	100.0
1917	50.0	24.00	48	114.2	114.3	100.0	61.9	26.00	42	115.5	115.6	100.0
1918	50.0	24.00	48	114.2	114.3	100.0	61.9	26.00	42	115.5	115.6	100.0
1919	60.4	29.00	48	137.9	138.1	100.0	65.5	27.50	42	122.2	122.2	100.0
1920	81.3	39.00	48	185.6	185.7	100.0	93.3	42.00	45	174.1	186.7	107.1
1921	83.3	40.00	48	190.2	190.5	100.0	93.3	42.00	45	174.1	186.7	107.1
1922	83.3	40.00	48	190.2	190.5	100.0	95.5	42.00	44	178.2	186.7	104.8
1923	90.9	40.00	44	207.5	190.5	91.7	95.5	42.00	44	178.2	186.7	104.8
1924	90.9	40.00	44	207.5	190.5	91.7	106.8	47.00	44	199.3	208.9	104.8
1925	90.9	40.00	44	207.5	190.5	91.7	106.8	47.00	44	199.3	208.9	104.8
1926	90.9	40.00	44	207.5	190.5	91.7	110.2	48.50	44	205.6	215.6	104.8
1927	90.9	40.00	44	207.5	190.5	91.7	110.2	48.50	44	205.6	215.6	104.8
1928	90.9	40.00	44	207.5	190.5	91.7	110.2	48.50	44	205.6	215.6	104.8
1929	90.9	40.00	44	207.5	190.5	91.7	114.8	50.50	44	214.2	224.4	104.8
1930	100.0	44.00	44	228.3	209.5	91.7	114.8	50.50	44	214.2	224.4	104.8

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BALTIMORE, MD.—Continued

Year	Painters						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	37.5	\$18.00	48	100.0	100.0	100.0	62.5	\$30.00	48	100.0	100.0	100.0
1908	37.5	18.00	48	100.0	100.0	100.0	50.0	24.00	48	80.0	80.0	100.0
1909	37.5	18.00	48	100.0	100.0	100.0	56.3	27.00	48	90.1	90.0	100.0
1910	37.5	18.00	48	100.0	100.0	100.0	56.3	27.00	48	90.1	90.0	100.0
1911	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1912	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1913	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1914	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1915	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1916	37.5	18.00	48	100.0	100.0	100.0	62.5	27.50	44	100.0	91.7	91.7
1917	43.8	21.00	48	116.8	116.7	100.0	68.8	30.25	44	110.1	100.8	91.7
1918	56.3	24.75	44	150.1	137.5	91.7	72.0	31.68	44	115.2	105.6	91.7
1919	68.8	30.25	44	183.5	168.1	91.7	87.5	38.50	44	140.0	128.3	91.7
1920	90.0	39.60	44	240.0	220.0	91.7	112.5	49.50	44	180.0	165.0	91.7
1921	90.0	39.60	44	240.0	220.0	91.7	125.0	55.00	44	200.0	183.3	91.7
1922	80.0	35.20	44	213.3	195.6	91.7	125.0	55.00	44	200.0	183.3	91.7
1923	80.0	35.20	44	213.3	195.6	91.7	150.0	66.00	44	240.0	220.0	91.7
1924	90.0	39.60	44	240.0	220.0	91.7	175.0	77.00	44	280.0	256.7	91.7
1925	100.0	44.00	44	266.7	244.4	91.7	175.0	77.00	44	280.0	256.7	91.7
1926	100.0	44.00	44	266.7	244.4	91.7	175.0	77.00	44	280.0	256.7	91.7
1927	100.0	44.00	44	266.7	244.4	91.7	175.0	70.00	40	280.0	233.3	83.3
1928	100.0	40.00	40	266.7	222.2	83.3	175.0	70.00	40	280.0	233.3	83.3
1929	110.0	44.00	40	293.3	244.4	83.3	175.0	70.00	40	280.0	233.3	83.3
1930	110.0	44.00	40	293.3	244.4	83.3	175.0	70.00	40	280.0	233.3	83.3
	Plumbers and gas fitters						Stereotypers, newspaper, day work					
1907	43.8	\$21.00	48	100.0	100.0	100.0	40.6	\$19.50	48	100.0	100.0	100.0
1908	43.8	21.00	48	100.0	100.0	100.0	43.8	21.00	48	107.9	107.7	100.0
1909	43.8	21.00	48	100.0	100.0	100.0	43.8	21.00	48	107.9	107.7	100.0
1910	43.8	21.00	48	100.0	100.0	100.0	43.8	21.00	48	107.9	107.7	100.0
1911	50.0	24.00	48	114.2	114.3	100.0	43.8	21.00	48	107.9	107.7	100.0
1912	50.0	24.00	48	114.2	114.3	100.0	43.8	21.00	48	107.9	107.7	100.0
1913	50.0	24.00	48	114.2	114.3	100.0	46.9	22.50	48	115.5	115.4	100.0
1914	50.0	24.00	48	114.2	114.3	100.0	46.9	22.50	48	115.5	115.4	100.0
1915	50.0	24.00	48	114.2	114.3	100.0	46.9	22.50	48	115.5	115.4	100.0
1916	50.0	24.00	48	114.2	114.3	100.0	46.9	22.50	48	115.5	115.4	100.0
1917	56.3	24.75	44	128.5	117.9	91.7	46.9	22.50	48	115.5	115.4	100.0
1918	68.8	30.25	44	157.1	144.0	91.7	52.1	25.00	48	128.3	128.2	100.0
1919	75.0	33.00	44	171.2	157.1	91.7	56.2	27.00	48	138.7	138.5	100.0
1920	87.5	38.50	44	198.8	183.3	91.7	68.8	33.00	48	169.5	169.2	100.0
1921	100.0	44.00	44	228.3	209.5	91.7	75.0	36.00	48	184.7	184.6	100.0
1922	93.8	41.25	44	214.2	196.4	91.7	75.0	36.00	48	184.7	184.6	100.0
1923	100.0	44.00	44	228.3	209.5	91.7	75.0	36.00	48	184.7	184.6	100.0
1924	118.8	52.25	44	271.2	248.8	91.7	87.5	42.00	48	215.5	215.4	100.0
1925	125.0	55.00	44	285.4	261.9	91.7	87.5	42.00	48	215.5	215.4	100.0
1926	125.0	55.00	44	285.4	261.9	91.7	90.6	43.50	48	223.2	223.1	100.0
1927	125.0	55.00	44	285.4	261.9	91.7	90.6	43.50	48	223.2	223.1	100.0
1928	131.3	52.50	40	299.8	250.0	83.3	93.8	45.00	48	231.0	230.8	100.0
1929	137.5	55.00	40	313.9	261.9	83.3	93.8	45.00	48	231.0	230.8	100.0
1930	137.5	55.00	40	313.9	261.9	83.3	97.9	47.00	48	241.1	241.0	100.0

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TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BALTIMORE, MD.—Continued

Year	Structural-iron workers											
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0						
1908.....	50.0	24.00	48	100.0	100.0	100.0						
1909.....	50.0	24.00	48	100.0	100.0	100.0						
1910.....	50.0	24.00	48	100.0	100.0	100.0						
1911.....	56.3	27.00	48	112.6	112.5	100.0						
1912.....	56.3	27.00	48	112.6	112.5	100.0						
1913.....	56.3	24.75	44	112.6	103.1	91.7						
1914.....	56.3	24.75	44	112.6	103.1	91.7						
1915.....	56.3	24.75	44	112.6	103.1	91.7						
1916.....	56.3	24.75	44	112.6	103.1	91.7						
1917.....	62.5	27.50	44	125.0	114.6	91.7						
1918.....	75.0	33.00	44	150.0	137.5	91.7						
1919.....	100.0	44.00	44	200.0	183.3	91.7						
1920.....	125.0	55.00	44	250.0	229.2	91.7						
1921.....	125.0	55.00	44	250.0	229.2	91.7						
1922.....	112.5	49.50	44	225.0	206.3	91.7						
1923.....	112.5	49.50	44	225.0	206.3	91.7						
1924.....	125.0	55.00	44	250.0	229.2	91.7						
1925.....	137.5	60.50	44	275.0	252.1	91.7						
1926.....	137.5	60.50	44	275.0	252.1	91.7						
1927.....	150.0	66.00	44	300.0	275.0	91.7						
1928.....	150.0	60.00	40	300.0	250.0	83.3						
1929.....	150.0	60.00	40	300.0	250.0	83.3						
1930.....	165.0	66.00	40	330.0	275.0	83.3						

BOSTON, MASS.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907.....	60.0	\$26.40	44	100.0	100.0	100.0	43.8	\$21.00	48	100.0	100.0	100.0
1908.....	60.0	26.40	44	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1909.....	60.0	26.40	44	100.0	100.0	100.0	47.8	22.92	48	109.1	109.1	100.0
1910.....	60.0	26.40	44	100.0	100.0	100.0	50.0	22.00	44	114.2	104.8	91.7
1911.....	60.0	26.40	44	100.0	100.0	100.0	50.0	22.00	44	114.2	104.8	91.7
1912.....	60.0	26.40	44	100.0	100.0	100.0	60.0	22.00	44	114.2	104.8	91.7
1913.....	65.0	28.60	44	108.3	108.3	100.0	60.0	22.00	44	114.2	104.8	91.7
1914.....	65.0	28.60	44	108.3	108.3	100.0	55.0	24.20	44	125.6	115.2	91.7
1915.....	65.0	28.60	44	108.3	108.3	100.0	55.0	24.20	44	125.6	115.2	91.7
1916.....	65.0	28.60	44	108.3	108.3	100.0	57.0	25.08	44	130.1	119.4	91.7
1917.....	70.0	30.80	44	116.7	116.7	100.0	60.0	26.40	44	137.0	125.7	91.7
1918.....	80.0	35.20	44	133.3	133.3	100.0	65.0	26.00	40	148.4	122.8	83.3
1919.....	80.0	35.20	44	133.3	133.3	100.0	75.0	30.00	40	171.2	142.9	83.3
1920.....	100.0	44.00	44	166.7	166.7	100.0	100.0	40.00	40	228.3	190.5	83.3
1921.....	100.0	44.00	44	166.7	166.7	100.0	100.0	40.00	40	228.3	190.5	83.3
1922.....	100.0	44.00	44	166.7	166.7	100.0	100.0	40.00	40	228.3	190.5	83.3
1923.....	125.0	55.00	44	208.3	208.3	100.0	105.0	45.20	44	239.7	220.0	91.7
1924.....	125.0	55.00	44	208.3	208.3	100.0	110.0	45.40	44	251.1	230.5	91.7
1925.....	125.0	55.00	44	208.3	208.3	100.0	110.0	45.40	44	251.1	230.5	91.7
1926.....	140.0	61.60	44	233.3	233.3	100.0	125.0	55.00	44	285.4	261.9	91.7
1927.....	140.0	61.60	44	233.3	233.3	100.0	125.0	55.00	44	285.4	261.9	91.7
1928.....	140.0	61.60	44	233.3	233.3	100.0	125.0	55.00	44	285.4	261.9	91.7
1929.....	150.0	66.00	44	250.0	250.0	100.0	137.5	60.50	44	313.9	288.1	91.7
1930.....	150.0	66.00	44	250.0	250.0	100.0	137.5	60.50	44	313.9	288.1	91.7

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week in selected trades in 13 cities, May, 1907 to 1930—Con.

BOSTON, MASS.—Continued

Year	Cement finishers						Compositors, book and job					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	37.5	\$18.00	48	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1909.....	50.0	24.00	48	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1910.....	50.0	24.00	48	100.0	100.0	100.0	39.6	19.00	48	105.6	105.6	100.0
1911.....	60.0	28.80	48	120.0	120.0	100.0	41.7	20.00	48	111.2	111.2	100.0
1912.....	60.0	28.80	48	120.0	120.0	100.0	41.7	20.00	48	111.2	111.1	100.0
1913.....	62.5	30.00	48	125.0	125.0	100.0	41.7	20.00	48	111.2	111.1	100.0
1914.....	62.5	27.50	44	125.0	114.6	91.7	43.8	21.00	48	116.8	116.7	100.0
1915.....	62.5	27.50	44	125.0	114.6	91.7	43.8	21.00	48	116.8	116.7	100.0
1916.....	62.5	27.50	44	125.0	114.6	91.7	43.8	21.00	48	116.8	116.7	100.0
1917.....	62.5	27.50	44	125.0	114.6	91.7	45.8	22.00	48	122.1	122.2	100.0
1918.....	70.0	30.80	44	140.0	128.3	91.7	50.0	24.00	48	133.3	133.8	100.0
1919.....	75.0	33.00	44	150.0	137.5	91.7	55.2	26.50	48	147.2	147.2	100.0
1920.....	100.0	44.00	44	200.0	183.3	91.7	72.9	35.00	48	194.4	194.4	100.0
1921.....	100.0	44.00	44	200.0	183.3	91.7	87.0	38.28	44	232.0	212.7	91.7
1922.....	100.0	44.00	44	200.0	183.3	91.7	87.0	38.28	44	232.0	212.7	91.7
1923.....	105.0	46.20	44	210.0	192.5	91.7	87.0	38.28	44	232.0	212.7	91.7
1924.....	110.0	48.40	44	220.0	201.7	91.7	92.0	40.48	44	245.3	224.9	91.7
1925.....	110.0	48.40	44	220.0	201.7	91.7	92.0	40.48	44	245.3	224.9	91.7
1926.....	137.5	60.50	44	275.0	252.1	91.7	92.0	40.48	44	245.3	224.9	91.7
1927.....	137.5	60.50	44	275.0	252.1	91.7	96.0	42.24	44	256.0	234.7	91.7
1928.....	137.5	60.50	44	275.0	252.1	91.7	96.0	42.24	44	256.0	234.7	91.7
1929.....	137.5	60.50	44	275.0	252.1	91.7	96.0	42.24	44	256.0	234.7	91.7
1930.....	137.5	60.50	44	275.0	252.1	91.7	96.0	42.24	44	256.0	234.7	91.7
	Compositors, newspaper, day work						Electrotypers: Finishers					
1907.....	61.0	\$25.62	42	100.0	100.0	100.0	41.7	\$22.50	54	100.0	100.0	100.0
1908.....	61.0	25.62	42	100.0	100.0	100.0	41.7	22.50	54	100.0	100.0	100.0
1909.....	61.0	25.62	42	100.0	100.0	100.0	41.7	22.50	54	100.0	100.0	100.0
1910.....	61.0	25.62	42	100.0	100.0	100.0	46.9	22.50	48	112.5	100.0	88.9
1911.....	61.0	25.62	42	100.0	100.0	100.0	46.9	22.50	48	112.5	100.0	88.9
1912.....	63.0	26.46	42	103.3	103.3	100.0	50.0	24.00	48	119.9	106.7	88.9
1913.....	63.0	26.46	42	103.3	103.3	100.0	50.0	24.00	48	119.9	106.7	88.9
1914.....	63.0	26.46	42	103.3	103.3	100.0	50.0	24.00	48	119.9	106.7	88.9
1915.....	63.0	26.46	42	103.3	103.3	100.0	50.0	24.00	48	119.9	106.7	88.9
1916.....	63.0	26.46	42	103.3	103.3	100.0	50.0	24.00	48	119.9	106.7	88.9
1917.....	68.0	28.56	42	111.5	111.5	100.0	50.0	24.00	48	119.9	106.7	88.9
1918.....	68.0	28.56	42	111.5	111.5	100.0	52.5	25.20	48	125.9	112.0	88.9
1919.....	83.0	34.86	42	136.1	136.1	100.0	52.5	25.20	48	125.9	112.0	88.9
1920.....	95.0	39.90	42	155.7	155.7	100.0	78.1	37.50	48	187.3	166.7	88.9
1921.....	95.0	39.90	42	155.7	155.7	100.0	90.6	43.50	48	217.3	193.3	88.9
1922.....	107.0	51.36	48	175.4	200.5	114.3	90.6	43.50	48	217.3	193.3	88.9
1923.....	107.0	51.36	48	175.4	200.5	114.3	99.0	47.50	48	237.4	211.1	88.9
1924.....	112.0	49.28	44	183.6	192.3	104.8	99.0	47.50	48	237.4	211.1	88.9
1925.....	117.0	51.48	44	191.8	200.9	104.8	99.0	47.50	48	237.4	211.1	88.9
1926.....	117.0	51.48	44	191.8	200.9	104.8	99.0	47.50	48	237.4	211.1	88.9
1927.....	125.0	55.00	44	204.9	214.7	104.8	99.0	47.50	48	237.4	211.1	88.9
1928.....	125.0	55.00	44	204.9	214.7	104.8	99.0	47.50	48	237.4	211.1	88.9
1929.....	125.0	55.00	44	204.9	214.7	104.8	99.0	47.50	48	237.4	211.1	88.9
1930.....	125.0	55.00	44	204.9	214.7	104.8	104.1	50.00	48	249.6	222.2	88.9
							104.7	46.50	44	251.1	206.7	81.5

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 15 cities, May, 1907 to 1930—Con.

BOSTON, MASS.—Continued

Year	Electrotypers: Molders						Gas fitters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	44.4	\$24.00	54	100.0	100.0	100.0	37.5	\$18.00	48	100.0	100.0	100.0
1908	44.4	24.00	54	100.0	100.0	100.0	45.0	21.60	48	120.0	120.0	100.0
1909	44.4	24.00	54	100.0	100.0	100.0	45.0	21.60	48	120.0	120.0	100.0
1910	50.0	24.00	48	112.6	100.0	88.9	45.0	21.60	48	120.0	120.0	100.0
1911	50.0	24.00	48	112.6	100.0	88.9	45.0	21.60	48	120.0	120.0	100.0
1912	50.0	24.00	48	112.6	100.0	88.9	50.0	22.00	44	133.3	122.2	91.7
1913	50.0	24.00	48	112.6	100.0	88.9	50.0	22.00	44	133.3	122.2	91.7
1914	50.0	24.00	48	112.6	100.0	88.9	55.0	24.20	44	146.7	134.4	91.7
1915	50.0	24.00	48	112.6	100.0	88.9	55.0	24.20	44	146.7	134.4	91.7
1916	50.0	24.00	48	112.6	100.0	88.9	60.0	26.40	44	160.0	146.7	91.7
1917	50.0	24.00	48	112.6	100.0	88.9	65.0	28.60	44	173.3	158.9	91.7
1918	52.5	25.20	48	118.2	105.0	88.9	70.0	30.80	44	196.7	171.1	91.7
1919	52.5	25.20	48	118.2	105.0	88.9	80.0	35.20	44	213.3	195.6	91.7
1920	78.1	37.50	48	175.9	156.3	88.9	100.0	44.00	44	266.7	244.4	91.7
1921	90.6	43.50	48	204.1	181.3	88.9	100.0	44.00	44	266.7	244.4	91.7
1922	90.6	43.50	48	204.1	181.3	88.9	100.0	44.00	44	266.7	244.4	91.7
1923	99.0	47.50	48	223.0	197.9	88.9	105.0	46.20	44	280.0	256.7	91.7
1924	99.0	47.50	48	223.0	197.9	88.9	110.0	48.40	44	293.3	268.9	91.7
1925	99.0	47.50	48	223.0	197.9	88.9	110.0	48.40	44	293.3	268.9	91.7
1926	99.0	47.50	48	223.0	197.9	88.9	125.0	55.00	44	333.3	305.6	91.7
1927	99.0	47.50	48	223.0	197.9	88.9	125.0	55.00	44	333.3	305.6	91.7
1928	99.0	47.50	48	223.0	197.9	88.9	137.5	60.50	44	366.7	336.1	91.7
1929	99.0	47.50	48	223.0	197.9	88.9	137.5	60.50	44	366.7	336.1	91.7
1930	104.1	50.00	48	234.5	203.3	88.9	150.0	60.00	40	400.0	333.3	83.3
	104.7	46.50	44	235.8	193.8	81.5						
	Hod carriers						Machine operators, newspaper, day work					
1907	30.0	\$13.20	44	100.0	100.0	100.0	61.0	\$25.62	42	100.0	100.0	100.0
1908	30.0	13.20	44	100.0	100.0	100.0	61.0	25.62	42	100.0	100.0	100.0
1909	30.0	13.20	44	100.0	100.0	100.0	61.0	25.62	42	100.0	100.0	100.0
1910	35.0	15.40	44	116.7	116.7	100.0	61.0	25.62	42	100.0	100.0	100.0
1911	35.0	15.40	44	116.7	116.7	100.0	61.0	25.62	42	100.0	100.0	100.0
1912	35.0	15.40	44	116.7	116.7	100.0	63.0	26.46	42	103.3	103.3	100.0
1913	35.0	15.40	44	116.7	116.7	100.0	63.0	26.46	42	103.3	103.3	100.0
1914	35.0	15.40	44	116.7	116.7	100.0	63.0	26.46	42	103.3	103.3	100.0
1915	35.0	15.40	44	116.7	116.7	100.0	63.0	26.46	42	103.3	103.3	100.0
1916	35.0	15.40	44	116.7	116.7	100.0	63.0	26.46	42	103.3	103.3	100.0
1917	40.0	17.60	44	133.3	133.3	100.0	68.0	28.56	42	111.5	111.3	100.0
1918	42.5	18.70	44	141.7	141.7	100.0	68.0	28.56	42	111.5	111.3	100.0
1919	42.5	18.70	44	141.7	141.7	100.0	83.0	34.86	42	136.1	136.1	100.0
1920	50.1	22.00	44	166.7	166.7	100.0	95.0	39.90	42	155.7	155.7	100.0
1921	70.0	30.80	44	233.3	233.3	100.0	95.0	39.90	42	155.7	155.7	100.0
1922	70.0	30.80	44	233.3	233.3	100.0	107.0	48.96	48	167.2	191.1	114.3
							107.0	51.36	48	175.4	200.5	
							112.0	53.76	48	183.6	209.8	
1923	70.0	30.80	44	233.3	233.3	100.0	107.0	48.96	48	167.2	191.1	114.3
							107.0	51.36	48	175.4	200.5	
							112.0	53.76	48	183.6	209.8	
1924	70.0	30.80	44	233.3	233.3	100.0	112.0	49.28	44	183.6	192.3	104.8
1925	70.0	30.80	44	233.3	233.3	100.0	117.0	51.48	44	191.8	200.9	104.8
1926	79.0	34.76	44	263.3	263.3	100.0	117.0	51.48	44	191.8	200.9	104.8
1927	79.0	34.76	44	263.3	263.3	100.0	125.0	55.00	44	204.9	214.7	104.8
1928	79.0	34.76	44	263.3	263.3	100.0	125.0	55.00	44	204.9	214.7	104.8
1929	85.0	37.40	44	283.3	283.3	100.0	125.0	55.00	44	204.9	214.7	104.8
1930	85.0	37.40	44	283.3	283.3	100.0	125.0	55.00	44	204.9	214.7	104.8

* Per 4,000 ems nonpareil.

* Per 4,500 ems nonpareil.

* Per 5,000 ems nonpareil.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BOSTON, MASS.—Continued

Year	Painters						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	39.5	\$18.96	48	100.0	100.0	100.0	60.0	\$26.40	44	100.0	100.0	100.0
1908	41.0	18.04	44	103.8	95.1	91.7	60.0	26.40	44	100.0	100.0	100.0
1909	41.0	18.04	44	103.8	95.1	91.7	65.0	28.60	44	108.3	108.3	100.0
1910	45.5	20.00	44	115.2	105.5	91.7	65.0	28.60	44	108.3	108.3	100.0
1911	45.5	20.00	44	115.2	105.5	91.7	65.0	28.60	44	108.3	108.3	100.0
1912	50.0	22.00	44	126.6	116.0	91.7	65.0	28.60	44	108.3	108.3	100.0
1913	50.0	22.00	44	126.6	116.0	91.7	65.0	28.60	44	108.3	108.3	100.0
1914	55.0	24.20	44	139.2	127.6	91.7	65.0	28.60	44	108.3	108.3	100.0
1915	55.0	24.20	44	139.2	127.6	91.7	65.0	28.60	44	108.3	108.3	100.0
1916	60.5	24.20	40	153.2	127.6	83.3	70.0	28.00	40	116.7	106.1	90.9
1917	62.5	25.00	40	158.2	131.9	83.3	70.0	23.00	40	116.7	106.1	90.9
1918	75.0	30.00	40	199.9	158.2	83.3	70.0	23.00	40	116.7	106.1	90.9
1919	82.5	33.00	40	208.9	174.1	83.3	80.0	32.00	40	133.3	121.2	90.9
1920	100.0	40.00	40	253.2	211.0	83.3	100.0	40.00	40	166.7	151.3	90.9
1921	100.0	40.00	40	253.2	211.0	83.3	125.0	50.00	40	208.3	189.4	90.9
1922	100.0	40.00	40	253.2	211.0	83.3	112.5	45.00	40	187.5	170.5	90.9
1923	105.0	42.00	40	265.8	221.5	83.3	112.5	45.00	40	187.5	170.5	90.9
1924	110.0	44.00	40	278.5	232.1	83.3	125.0	50.00	40	208.3	189.4	90.9
1925	110.0	44.00	40	278.5	232.1	83.3	125.0	50.00	40	208.3	189.4	90.9
1926	125.0	50.00	40	316.5	263.7	83.3	150.0	60.00	40	250.0	227.3	90.9
1927	125.0	50.00	40	316.5	263.7	83.3	150.0	60.00	40	250.0	227.3	90.9
1928	125.0	50.00	40	316.5	263.7	83.3	150.0	60.00	40	250.0	227.3	90.9
1929	137.5	55.00	40	348.1	290.1	83.3	150.0	60.00	40	250.0	227.3	90.9
1930	137.5	55.00	40	348.1	290.1	83.3	162.5	65.00	40	270.8	246.2	90.9
	Plasterers' laborers						Plumbers					
1907	34.0	\$14.96	44	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	35.0	16.72	44	111.8	111.8	100.0	50.0	24.00	48	100.0	100.0	100.0
1909	38.0	16.72	44	111.8	111.8	100.0	55.0	26.40	48	110.0	110.0	100.0
1910	40.0	17.60	44	117.6	117.6	100.0	55.0	26.40	48	110.0	110.0	100.0
1911	40.0	17.60	44	117.6	117.6	100.0	55.0	24.20	44	110.0	100.8	91.7
1912	40.0	17.60	44	117.6	117.6	100.0	60.0	26.40	44	120.0	110.0	91.7
1913	41.5	18.26	44	122.1	122.1	100.0	60.0	26.40	44	120.0	110.0	91.7
1914	41.5	18.26	44	122.1	122.1	100.0	65.0	28.60	44	130.0	119.2	91.7
1915	41.5	18.26	44	122.1	122.1	100.0	65.0	28.60	44	130.0	119.2	91.7
1916	45.0	18.00	40	132.4	120.3	90.9	65.0	28.60	44	130.0	119.2	91.7
1917	45.0	18.00	40	132.4	120.3	90.9	68.8	30.25	44	137.6	126.0	91.7
1918	50.0	20.00	40	147.1	133.7	90.9	75.0	33.00	44	150.0	137.5	91.7
1919	60.0	24.00	40	176.5	160.4	90.9	80.0	35.20	44	166.0	146.7	91.7
1920	80.0	32.00	40	235.3	213.9	90.9	100.0	44.00	44	200.0	183.3	91.7
1921	80.0	32.00	40	235.3	213.9	90.9	100.0	44.00	44	200.0	183.3	91.7
1922	80.0	32.00	40	235.3	213.9	90.9	100.0	44.00	44	200.0	183.3	91.7
1923	95.0	38.00	40	279.4	254.0	90.9	105.0	48.20	44	210.0	192.5	91.7
1924	95.0	38.00	40	279.4	254.0	90.9	110.0	48.40	44	220.0	201.7	91.7
1925	95.0	38.00	40	279.4	254.0	90.9	110.0	48.40	44	220.0	201.7	91.7
1926	95.0	38.00	40	279.4	254.0	90.9	125.0	55.00	44	250.0	229.2	91.7
1927	105.0	42.00	40	308.8	280.7	90.9	125.0	55.00	44	250.0	229.2	91.7
1928	105.0	42.00	40	308.8	280.7	90.9	137.5	60.00	44	275.0	252.1	91.7
1929	110.0	44.00	40	323.5	294.1	90.9	137.5	60.00	44	275.0	252.1	91.7
1930	110.0	44.00	40	323.5	294.1	90.9	150.0	60.00	44	300.0	250.0	83.3

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

BOSTON, MASS.—Continued

Year	Stereotypers, newspaper, day work						Stonecutters, inside					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	57.1	\$24.00	42	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	57.1	24.00	42	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1909	57.1	24.00	42	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1910	57.1	24.00	42	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1911	57.1	24.00	42	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1912	57.1	24.00	42	100.0	100.0	100.0	50.0	22.00	44	100.0	91.7	91.7
1913	59.5	25.00	42	104.2	104.2	100.0	56.3	24.75	44	112.6	103.1	91.7
1914	59.5	25.00	42	104.2	104.2	100.0	56.3	24.75	44	112.6	103.1	91.7
1915	59.5	25.00	42	104.2	104.2	100.0	56.3	24.75	44	112.6	103.1	91.7
1916	59.5	25.00	42	104.2	104.2	100.0	56.3	24.75	44	112.6	103.1	91.7
1917	64.3	27.00	42	112.6	112.5	100.0	62.5	27.50	44	125.0	114.6	91.7
1918	64.3	27.00	42	112.6	112.5	100.0	70.0	30.80	44	140.0	123.3	91.7
1919	75.0	31.50	42	131.3	131.3	100.0	70.0	30.80	44	140.0	123.3	91.7
1920	92.9	39.00	42	162.7	162.5	100.0	100.0	44.00	44	200.0	183.3	91.7
1921	109.7	46.08	42	192.1	192.0	100.0	100.0	44.00	44	200.0	183.3	91.7
1922	109.7	46.08	42	192.1	192.0	100.0	100.0	44.00	44	200.0	183.3	91.7
1923	109.7	46.08	42	192.1	192.0	100.0	112.5	49.50	44	225.0	206.3	91.7
1924	114.7	48.18	42	200.9	200.8	100.0	110.0	48.40	44	220.0	201.7	91.7
1925	114.7	48.18	42	200.9	200.8	100.0	110.0	48.40	44	220.0	201.7	91.7
1926	114.7	48.18	42	200.9	200.8	100.0	125.0	55.00	44	250.0	229.2	91.7
1927	114.7	48.18	42	200.9	200.8	100.0	125.0	55.00	44	250.0	229.2	91.7
1928	119.3	50.10	42	208.9	208.8	100.0	125.0	55.00	44	250.0	229.2	91.7
1929	119.3	50.10	42	208.9	208.8	100.0	137.5	60.50	44	275.0	252.1	91.7
1930	119.3	50.10	42	208.9	208.8	100.0	137.5	60.50	44	275.0	252.1	91.7
	Structural-iron workers											
1907	45.0	\$21.60	48	100.0	100.0	100.0						
1908	45.0	21.60	48	100.0	100.0	100.0						
1909	50.0	24.00	48	111.1	111.1	100.0						
1910	50.0	22.00	44	111.1	101.9	91.7						
1911	56.3	24.75	44	125.1	114.6	91.7						
1912	56.3	24.75	44	125.1	114.6	91.7						
1913	62.5	27.50	44	138.9	127.3	91.7						
1914	62.5	27.50	44	138.9	127.3	91.7						
1915	62.5	27.50	44	138.9	127.3	91.7						
1916	62.5	27.50	44	138.9	127.3	91.7						
1917	68.8	30.25	44	152.9	140.0	91.7						
1918	80.0	35.20	44	177.8	163.0	91.7						
1919	80.0	35.20	44	177.8	163.0	91.7						
1920	100.0	44.00	44	222.2	203.7	91.7						
1921	100.0	44.00	44	222.2	203.7	91.7						
1922	100.0	44.00	44	222.2	203.7	91.7						
1923	105.0	46.20	44	233.3	213.9	91.7						
1924	110.0	48.40	44	244.4	224.1	91.7						
1925	110.0	48.40	44	244.4	224.1	91.7						
1926	125.0	55.00	44	277.8	254.6	91.7						
1927	125.0	55.00	44	277.8	254.6	91.7						
1928	125.0	55.00	44	277.8	254.6	91.7						
1929	137.5	60.50	44	305.6	280.1	91.7						
1930	137.5	60.50	44	305.6	280.1	91.7						

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CHICAGO, ILL.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	62.5	\$30.00	48	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908	62.5	30.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909	67.5	32.40	48	108.0	108.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910	67.5	29.70	44	108.0	99.0	91.7	60.0	26.40	44	106.6	106.7	100.0
1911	67.5	29.70	44	108.0	99.0	91.7	60.0	26.40	44	106.6	106.7	100.0
1912	72.0	31.90	44	116.0	106.3	91.7	65.0	28.60	44	115.5	115.6	100.0
1913	75.0	33.00	44	120.0	110.0	91.7	65.0	28.60	44	115.5	115.6	100.0
1914	75.0	33.00	44	120.0	110.0	91.7	65.0	28.60	44	115.5	115.6	100.0
1915	75.0	33.00	44	120.0	110.0	91.7	65.0	28.60	44	115.5	115.6	100.0
1916	75.0	33.00	44	120.0	110.0	91.7	70.0	30.80	44	124.3	124.4	100.0
1917	75.0	33.00	44	120.0	110.0	91.7	70.0	30.80	44	124.3	124.4	100.0
1918	75.0	33.00	44	120.0	110.0	91.7	70.0	30.80	44	124.3	124.4	100.0
1919	87.5	38.50	44	140.0	128.3	91.7	80.0	35.20	44	142.1	142.2	100.0
1920	125.0	55.00	44	200.0	183.3	91.7	125.0	55.00	44	222.0	222.0	100.0
1921	125.0	55.00	44	200.0	183.3	91.7	125.0	55.00	44	222.0	222.0	100.0
1922	110.0	48.40	44	176.0	161.3	91.7	110.0	48.40	44	195.4	195.6	100.0
1923	110.0	48.40	44	176.0	161.3	91.7	125.0	55.00	44	222.0	222.0	100.0
1924	125.0	55.00	44	200.0	183.3	91.7	125.0	55.00	44	222.0	222.0	100.0
1925	150.0	66.00	44	240.0	220.0	91.7	125.0	55.00	44	222.0	222.0	100.0
1926	150.0	66.00	44	240.0	220.0	91.7	137.5	60.50	44	244.2	244.4	100.0
1927	162.5	71.50	44	260.0	238.3	91.7	150.0	66.00	44	266.4	266.7	100.0
1928	162.5	71.50	44	260.0	238.3	91.7	150.0	66.00	44	266.4	266.7	100.0
1929	162.5	71.50	44	260.0	238.3	91.7	150.0	66.00	44	266.4	266.7	100.0
1930	170.0	74.80	44	272.0	249.3	91.7	162.5	71.50	44	288.6	288.9	100.0
	Cement finishers						Compositors, book and job					
1907	56.3	\$24.75	44	100.0	100.0	100.0	40.6	\$19.50	48	100.0	100.0	100.0
1908	56.3	24.75	44	100.0	100.0	100.0	40.6	19.50	48	100.0	100.0	100.0
1909	57.5	25.30	44	102.1	102.2	100.0	40.6	19.50	48	100.0	100.0	100.0
1910	57.5	25.30	44	102.1	102.2	100.0	43.8	21.00	48	107.9	107.7	100.0
1911	62.5	27.50	44	111.0	111.1	100.0	46.9	22.50	48	115.5	115.4	100.0
1912	62.5	27.50	44	111.0	111.1	100.0	46.9	22.50	48	115.5	115.4	100.0
1913	65.0	28.60	44	115.5	115.6	100.0	46.9	22.50	48	115.5	115.4	100.0
1914	65.0	28.60	44	115.5	115.6	100.0	50.0	24.00	48	123.2	123.1	100.0
1915	65.0	28.60	44	115.5	115.6	100.0	50.0	24.00	48	123.2	123.1	100.0
1916	65.0	28.60	44	115.5	115.6	100.0	50.0	24.00	48	123.2	123.1	100.0
1917	67.5	29.70	44	119.9	120.0	100.0	50.0	24.00	48	123.2	123.1	100.0
1918	75.0	33.00	44	133.2	133.3	100.0	57.3	27.50	48	141.1	141.0	100.0
1919	80.0	35.20	44	142.1	142.2	100.0	75.0	36.00	48	184.7	184.6	100.0
1920	125.0	55.00	44	222.0	222.0	100.0	95.8	46.00	48	236.0	235.9	100.0
1921	125.0	55.00	44	222.0	222.0	100.0	106.0	46.65	44	261.1	260.2	91.7
1922	110.0	48.40	44	195.4	195.6	100.0	106.0	46.65	44	261.1	260.2	91.7
1923	110.0	48.40	44	195.4	195.6	100.0	116.0	48.40	44	270.9	268.2	91.7
1924	125.0	55.00	44	222.0	222.0	100.0	115.9	51.00	44	285.5	261.5	91.7
1925	125.0	55.00	44	222.0	222.0	100.0	115.9	51.00	44	285.5	261.5	91.7
1926	157.5	60.50	44	244.2	244.4	100.0	115.9	51.00	44	285.5	261.5	91.7
1927	150.0	66.00	44	266.4	266.7	100.0	122.7	54.00	44	302.2	276.9	91.7
1928	150.0	66.00	44	266.4	266.7	100.0	122.7	54.00	44	302.2	276.9	91.7
1929	150.0	66.00	44	266.4	266.7	100.0	122.7	54.00	44	302.2	276.9	91.7
1930	162.5	71.50	44	288.6	288.9	100.0	120.5	57.00	44	319.0	292.3	91.7

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CHICAGO, ILL.—Continued

Year	Compositors, newspaper, day work						Electrotypers: Finishers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	Cents	\$24.75	45	100.0	100.0	100.0	Cents	\$22.00	48	100.0	100.0	100.0
1908	55.0	24.75	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1909	55.0	24.75	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1910	55.0	24.75	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1911	62.0	27.90	45	112.7	112.7	100.0	45.8	22.00	48	100.0	100.0	100.0
1912	62.0	27.90	45	112.7	112.7	100.0	45.8	22.00	48	100.0	100.0	100.0
1913	62.0	27.90	45	112.7	112.7	100.0	49.0	28.50	48	107.0	106.8	100.0
1914	62.0	27.90	45	112.7	112.7	100.0	52.1	25.00	48	113.8	113.6	100.0
1915	62.0	27.90	45	112.7	112.7	100.0	52.1	25.00	48	113.8	113.6	100.0
1916	62.0	27.90	45	112.7	112.7	100.0	52.1	25.00	48	113.8	113.6	100.0
1917	62.0	27.90	45	112.7	112.7	100.0	56.3	27.00	48	122.9	122.7	100.0
1918	66.0	29.70	45	120.0	120.0	100.0	58.3	28.00	48	127.3	127.3	100.0
1919	79.0	35.55	45	143.6	143.6	100.0	77.1	37.00	48	168.3	168.2	100.0
1920	89.0	40.05	45	161.8	161.8	100.0	104.2	50.00	48	227.5	227.3	100.0
1921	115.0	55.20	48	209.1	223.0	106.7	113.7	50.00	44	248.3	227.3	91.7
1922	115.0	55.20	48	209.1	223.0	106.7	106.0	47.50	44	235.8	215.9	91.7
1923	115.0	55.20	48	209.1	223.0	106.7	129.5	57.00	44	282.8	259.1	91.7
1924	129.0	58.05	45	234.5	234.5	100.0	134.1	59.00	44	292.7	268.2	91.7
1925	129.0	58.05	45	234.5	234.5	100.0	138.6	61.00	44	302.6	277.3	91.7
1926	129.0	58.05	45	234.5	234.5	100.0	140.9	62.00	44	307.6	281.8	91.7
1927	135.6	61.00	45	246.5	246.5	100.0	140.9	62.00	44	307.6	281.8	91.7
1928	138.0	62.10	45	250.9	250.9	100.0	140.9	62.00	44	307.6	281.8	91.7
1929	140.0	63.00	45	254.5	254.5	100.0	145.5	64.00	44	317.7	290.9	91.7
1930	140.0	63.00	45	254.5	254.5	100.0	150.0	66.00	44	327.5	300.0	91.7
Electrotypers: Molders						Granite cutters, outside						
1907	52.1	\$25.00	48	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908	52.1	25.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909	52.1	25.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910	52.1	25.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1911	52.1	25.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1912	52.1	25.00	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1913	54.2	26.00	48	104.0	104.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1914	56.3	27.00	48	108.1	108.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1915	56.3	27.00	48	108.1	108.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1916	56.3	27.00	48	108.1	108.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1917	60.4	29.00	48	115.9	116.0	100.0	75.0	33.00	44	133.2	133.3	100.0
1918	60.4	29.00	48	115.9	116.0	100.0	75.0	33.00	44	133.2	133.3	100.0
1919	77.1	37.00	48	148.0	148.0	100.0	100.0	44.00	44	177.6	177.8	100.0
1920	104.2	50.00	48	200.0	200.0	100.0	100.0	44.00	44	177.6	177.8	100.0
1921	113.7	50.00	44	218.2	200.0	91.7	125.0	55.00	44	222.0	222.2	100.0
1922	108.0	47.50	44	207.3	190.0	91.7	125.0	55.00	44	222.0	222.2	100.0
1923	129.5	57.00	44	248.6	228.0	91.7	125.0	55.00	44	222.0	222.2	100.0
1924	134.1	59.00	44	257.4	236.0	91.7	125.0	55.00	44	222.0	222.2	100.0
1925	138.6	61.00	44	266.0	244.0	91.7	150.0	66.00	44	266.4	266.7	100.0
1926	140.9	62.00	44	270.4	248.0	91.7	125.0	55.00	44	222.0	222.2	100.0
1927	140.9	62.00	44	270.4	248.0	91.7	137.5	60.50	44	244.2	244.4	100.0
1928	140.9	62.00	44	270.4	248.0	91.7	150.0	66.00	44	266.4	266.7	100.0
1929	145.5	64.00	44	279.3	256.0	91.7	162.5	71.50	44	288.6	288.9	100.0
1930	150.0	66.00	44	287.9	264.0	91.7	150.0	66.00	44	266.4	266.7	100.0

* 40 hours, November to March, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CHICAGO, ILL.—Continued

Year	Machine operators, book and job						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909.....	50.0	24.00	48	100.0	100.0	100.0	55.0	24.20	44	110.0	110.0	100.0
1910.....	50.0	24.00	48	100.0	100.0	100.0	60.0	26.40	44	120.0	120.0	100.0
1911.....	50.0	24.00	48	100.0	100.0	100.0	60.0	26.40	44	120.0	120.0	100.0
1912.....	50.0	24.00	48	100.0	100.0	100.0	60.0	26.40	44	120.0	120.0	100.0
1913.....	50.0	24.00	48	100.0	100.0	100.0	65.0	28.60	44	130.0	130.0	100.0
1914.....	50.0	24.00	48	100.0	100.0	100.0	70.0	30.80	44	140.0	140.0	100.0
1915.....	50.0	24.00	48	100.0	100.0	100.0	70.0	30.80	44	140.0	140.0	100.0
1916.....	50.0	24.00	48	100.0	100.0	100.0	70.0	30.80	44	140.0	140.0	100.0
1917.....	50.0	24.00	48	100.0	100.0	100.0	72.5	31.90	44	145.0	145.0	100.0
1918.....	60.2	28.90	48	120.4	120.4	100.0	75.0	33.00	44	150.0	150.0	100.0
1919.....	77.9	37.40	48	155.8	155.8	100.0	87.5	38.50	44	175.0	175.0	100.0
1920.....	98.8	47.40	48	197.6	197.6	100.0	125.0	55.00	44	250.0	250.0	100.0
1921.....	109.2	48.06	44	218.4	200.2	91.7	125.0	55.00	44	250.0	250.0	100.0
1922.....	109.2	48.06	44	218.4	200.2	91.7	110.0	48.40	44	220.0	220.0	100.0
1923.....	113.2	49.80	44	226.4	207.5	91.7	125.0	55.00	44	250.0	250.0	100.0
1924.....	119.1	52.40	44	238.2	218.3	91.7	125.0	55.00	44	250.0	250.0	100.0
1925.....	119.1	52.40	44	238.2	218.3	91.7	150.0	66.00	44	300.0	300.0	100.0
1926.....	119.1	52.40	44	238.2	218.3	91.7	150.0	66.00	44	300.0	300.0	100.0
1927.....	125.9	55.40	44	251.8	230.8	91.7	150.0	66.00	44	300.0	300.0	100.0
1928.....	125.9	55.40	44	251.8	230.8	91.7	162.5	65.00	40	325.0	295.5	90.9
1929.....	125.9	55.40	44	251.8	230.8	91.7	162.5	65.00	40	325.0	295.5	90.9
1930.....	132.7	58.40	44	265.4	243.3	91.7	175.0	70.00	40	350.0	318.2	90.9
	Plasterers						Plasterers' laborers					
1907.....	68.8	\$30.25	44	100.0	100.0	100.0	40.0	\$17.60	44	100.0	100.0	100.0
1908.....	68.8	30.25	44	100.0	100.0	100.0	40.0	17.60	44	100.0	100.0	100.0
1909.....	68.8	30.25	44	100.0	100.0	100.0	45.0	19.80	44	112.5	112.5	100.0
1910.....	68.8	30.25	44	100.0	100.0	100.0	45.0	19.80	44	112.5	112.5	100.0
1911.....	68.8	30.25	44	100.0	100.0	100.0	45.0	19.80	44	112.5	112.5	100.0
1912.....	75.0	33.00	44	109.0	109.1	100.0	45.0	19.80	44	112.5	112.5	100.0
1913.....	75.0	33.00	44	109.0	109.1	100.0	48.0	21.12	44	120.0	120.0	100.0
1914.....	75.0	33.00	44	109.0	109.1	100.0	50.0	22.00	44	125.0	125.0	100.0
1915.....	75.0	33.00	44	109.0	109.1	100.0	50.0	22.00	44	125.0	125.0	100.0
1916.....	75.0	33.00	44	109.0	109.1	100.0	50.0	22.00	44	125.0	125.0	100.0
1917.....	75.0	33.00	44	109.0	109.1	100.0	50.0	22.00	44	125.0	125.0	100.0
1918.....	81.3	35.75	44	118.2	118.2	100.0	56.3	24.75	44	140.8	140.6	100.0
1919.....	87.5	38.50	44	127.2	127.3	100.0	62.3	27.50	44	155.8	156.3	100.0
1920.....	125.0	55.00	44	181.7	181.8	100.0	106.3	46.75	44	265.8	265.6	100.0
1921.....	125.0	55.00	44	181.7	181.8	100.0	106.3	46.75	44	265.8	265.6	100.0
1922.....	110.0	48.40	44	159.9	160.0	100.0	78.8	34.65	44	197.0	196.9	100.0
1923.....	150.0	66.00	44	218.0	218.2	100.0	78.8	34.65	44	197.0	196.9	100.0
1924.....	150.0	66.00	44	218.0	218.2	100.0	78.8	34.65	44	197.0	196.9	100.0
1925.....	150.0	66.00	44	218.0	218.2	100.0	88.8	39.07	44	222.0	222.0	100.0
1926.....	150.0	66.00	44	218.0	218.2	100.0	98.8	41.25	44	234.5	234.4	100.0
1927.....	162.5	71.50	44	236.2	236.4	100.0	98.8	42.57	44	242.0	241.9	100.0
1928.....	162.5	71.50	44	236.2	236.4	100.0	98.8	42.57	44	242.0	241.9	100.0
1929.....	162.5	71.50	44	236.2	236.4	100.0	98.8	42.57	44	242.0	241.9	100.0
1930.....	170.0	68.00	40	247.1	224.8	90.9	108.8	45.65	44	259.5	259.4	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CHICAGO, ILL.—Continued

Year	Plumbers and gas fitters						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	Cents											
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	48.4	\$22.50	46½	100.0	100.0	100.0
1908.....	65.0	28.60	44	104.0	104.0	100.0	54.9	25.50	46½	113.4	113.3	100.0
1909.....	65.0	28.60	44	104.0	104.0	100.0	54.9	25.50	46½	113.4	113.3	100.0
1910.....	68.8	30.25	44	110.1	110.0	100.0	54.9	25.50	46½	113.4	113.3	100.0
1911.....	68.8	30.25	44	110.1	110.0	100.0	58.1	27.00	46½	120.0	120.0	100.0
1912.....	68.8	30.25	44	110.1	110.0	100.0	58.1	27.00	46½	120.0	120.0	100.0
1913.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1914.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1915.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1916.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1917.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1918.....	75.0	33.00	44	120.0	120.0	100.0	56.3	27.00	48	116.3	120.0	103.2
1919.....	84.4	37.13	44	135.0	135.0	100.0	60.4	29.00	48	124.8	128.9	103.2
1920.....	125.0	55.00	44	200.0	200.0	100.0	81.3	39.00	48	168.0	173.3	103.2
1921.....	125.0	55.00	44	200.0	200.0	100.0	81.3	39.00	48	168.0	173.3	103.2
1922.....	110.0	48.40	44	176.0	176.0	100.0	81.3	39.00	48	168.0	173.3	103.2
1923.....	110.0	48.40	44	176.0	176.0	100.0	87.5	42.00	48	180.8	186.7	103.2
1924.....	125.0	55.00	44	200.0	200.0	100.0	87.5	42.00	48	180.8	186.7	103.2
1925.....	125.0	55.00	44	200.0	200.0	100.0	95.8	46.00	48	197.9	204.4	103.2
1926.....	150.0	66.00	44	240.0	240.0	100.0	97.9	47.00	48	202.3	208.9	103.2
1927.....	150.0	66.00	44	240.0	240.0	100.0	100.0	48.00	48	206.6	213.3	103.2
1928.....	162.5	71.50	44	260.0	260.0	100.0	102.0	48.96	48	210.7	217.6	103.2
1929.....	162.5	71.50	44	260.0	260.0	100.0	102.0	48.96	48	210.7	217.6	103.2
1930.....	162.5	71.50	44	260.0	260.0	100.0	112.0	53.76	48	231.4	238.9	103.2
	Stonecutters						Structural-iron workers					
1907.....	56.3	\$24.75	44	100.0	100.0	100.0	60.0	\$24.40	44	100.0	100.0	100.0
1908.....	56.3	24.75	44	100.0	100.0	100.0	60.0	24.40	44	100.0	100.0	100.0
1909.....	56.3	24.75	44	100.0	100.0	100.0	62.5	27.50	44	104.2	104.2	100.0
1910.....	56.3	24.75	44	100.0	100.0	100.0	65.0	28.00	44	108.3	108.3	100.0
1911.....	62.5	27.50	44	111.0	111.1	100.0	66.0	29.04	44	110.0	110.0	100.0
1912.....	62.5	27.50	44	111.0	111.1	100.0	68.0	29.92	44	113.3	113.3	100.0
1913.....	62.5	27.50	44	111.0	111.1	100.0	68.0	29.92	44	113.3	113.3	100.0
1914.....	62.5	27.50	44	111.0	111.1	100.0	68.0	29.92	44	113.3	113.3	100.0
1915.....	62.5	27.50	44	111.0	111.1	100.0	68.0	29.92	44	113.3	113.3	100.0
1916.....	62.5	27.50	44	111.0	111.1	100.0	68.0	29.92	44	113.3	113.3	100.0
1917.....	70.0	30.80	44	124.3	124.4	100.0	69.0	30.36	44	115.0	115.0	100.0
1918.....	70.0	30.80	44	124.3	124.4	100.0	70.0	30.80	44	116.7	116.7	100.0
1919.....	81.3	35.70	44	144.4	144.4	100.0	87.5	38.50	44	145.8	145.8	100.0
1920.....	125.0	55.00	44	222.0	222.2	100.0	125.0	55.00	44	208.3	208.3	100.0
1921.....	125.0	55.00	44	222.0	222.2	100.0	125.0	55.00	44	208.3	208.3	100.0
1922.....	102.5	45.10	44	182.1	182.2	100.0	105.0	46.20	44	175.0	175.0	100.0
1923.....	102.5	45.10	44	182.1	182.2	100.0	105.0	46.20	44	175.0	175.0	100.0
1924.....	125.0	55.00	44	222.0	222.2	100.0	125.0	55.00	44	208.3	208.3	100.0
1925.....	137.5	60.50	44	244.2	244.4	100.0	125.0	55.00	44	208.3	208.3	100.0
1926.....	150.0	66.00	44	266.4	266.7	100.0	137.5	60.50	44	228.2	228.2	100.0
1927.....	150.0	66.00	44	266.4	266.7	100.0	150.0	66.00	44	250.0	250.0	100.0
1928.....	150.0	66.00	44	266.4	266.7	100.0	150.0	66.00	44	250.0	250.0	100.0
1929.....	150.0	66.00	44	266.4	266.7	100.0	150.0	66.00	44	250.0	250.0	100.0
1930.....	150.0	66.00	44	266.4	266.7	100.0	162.5	71.50	44	270.8	270.8	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CINCINNATI, OHIO

Year	Bricklayers						Carpenters						
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—			
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	
	<i>Cents</i>						<i>Cents</i>						
1907	60.0	\$27.00	45	100.0	100.0	100.0	45.0	\$20.08	44½	100.0	100.0	100.0	
1908	60.0	27.00	45	100.0	100.0	100.0	45.0	20.08	44½	100.0	100.0	100.0	
1909	60.0	27.00	45	100.0	100.0	100.0	45.0	20.08	44½	100.0	100.0	100.0	
1910	62.5	28.13	45	104.2	104.2	100.0	50.0	22.25	44½	111.1	111.1	100.0	
1911	62.5	28.13	45	104.2	104.2	100.0	50.0	22.25	44½	111.1	111.1	100.0	
1912	65.0	29.25	45	108.3	108.3	100.0	50.0	22.25	44½	111.1	111.1	100.0	
1913	65.0	29.25	45	108.3	108.3	100.0	50.0	22.25	44½	111.1	111.1	100.0	
1914	65.0	29.25	45	108.3	108.3	100.0	50.0	22.25	44½	111.1	111.1	100.0	
1915	70.0	31.50	45	116.7	116.7	100.0	55.0	24.48	44½	122.2	122.2	100.0	
1916	70.0	31.50	45	116.7	116.7	100.0	60.0	26.70	44½	133.3	133.3	100.0	
1917	75.0	33.75	45	125.0	125.0	100.0	62.5	27.80	44½	138.9	138.8	100.0	
1918	90.0	40.50	45	150.0	150.0	100.0	65.0	28.93	44½	144.4	144.4	100.0	
1919	90.0	40.50	45	150.0	150.0	100.0	70.0	31.15	44½	155.6	155.5	100.0	
1920	125.0	56.25	45	208.3	208.3	100.0	100.0	44.50	44½	222.2	222.2	100.0	
1921	125.0	56.25	45	208.3	208.3	100.0	100.0	44.50	44½	222.2	222.2	100.0	
1922	125.0	56.25	45	208.3	208.3	100.0	95.0	42.28	44½	211.1	211.1	100.0	
1923	125.0	56.25	45	208.3	208.3	100.0	105.0	46.73	44½	233.3	233.3	100.0	
1924	150.0	67.50	45	250.0	250.0	100.0	115.0	51.18	44½	255.6	255.5	100.0	
1925	150.0	66.00	44	250.0	244.4	97.8	125.0	55.63	44½	277.8	277.7	100.0	
1926	162.5	71.50	44	270.8	264.8	97.8	131.3	58.40	44½	291.8	291.6	100.0	
1927	162.5	71.50	44	270.8	264.8	97.8	135.0	60.08	44½	300.0	300.0	100.0	
1928	162.5	71.50	44	270.8	264.8	97.8	137.5	61.19	44½	305.5	305.5	100.0	
1929	162.5	71.50	44	270.8	264.8	97.8	137.5	61.19	44½	305.5	305.5	100.0	
1930	162.5	65.00	40	270.8	240.7	88.9	140.0	62.30	44½	311.1	311.0	100.0	
	Compositors, book and job						Compositors, newspaper, day work						
1907	37.5	\$18.00	48	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0	
1908	37.5	18.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0	
1909	37.5	18.00	48	100.0	100.0	100.0	52.1	25.00	48	104.2	104.2	100.0	
1910	37.5	18.00	48	100.0	100.0	100.0	52.4	25.00	47¾	104.8	104.2	99.3	
1911	37.5	18.00	48	100.0	100.0	100.0	52.4	25.00	47¾	104.8	104.2	99.3	
1912	37.5	18.00	48	100.0	100.0	100.0	52.4	25.00	47¾	104.8	104.2	99.3	
1913	40.6	19.50	48	108.3	108.3	100.0	52.4	25.00	47¾	104.8	104.2	99.3	
1914	43.8	21.00	48	116.8	116.7	100.0	54.2	26.00	48	108.4	108.3	100.0	
1915	43.8	21.00	48	116.8	116.7	100.0	56.3	27.00	48	112.6	112.5	100.0	
1916	43.8	21.00	48	116.8	116.7	100.0	56.3	27.00	48	112.6	112.5	100.0	
1917	46.9	22.50	48	125.1	125.0	100.0	56.3	27.00	48	112.6	112.5	100.0	
1918	46.9	22.50	48	125.1	125.0	100.0	56.3	27.00	48	112.6	112.5	100.0	
1919	51.0	24.50	48	136.0	136.1	100.0	57.5	42.00	48	175.0	175.0	100.0	
1920	75.0	36.00	48	200.0	200.0	100.0	107.3	48.30	45	214.6	201.3	93.8	
1921	104.5	46.00	44	273.7	255.6	91.7	107.3	48.30	45	214.6	201.3	93.8	
1922	104.5	46.00	44	273.7	255.6	91.7	107.3	48.30	45	214.6	201.3	93.8	
1923	104.5	46.00	44	273.7	255.6	91.7	113.3	51.00	45	226.6	212.5	93.8	
1924	109.1	48.00	44	290.9	266.7	91.7	113.3	51.00	45	226.6	212.5	93.8	
1925	109.1	48.00	44	290.9	266.7	91.7	113.8	51.20	45	227.6	213.3	93.8	
1926	109.1	48.00	44	290.9	266.7	91.7	113.8	51.20	45	227.6	213.3	93.8	
1927	113.6	50.00	44	302.9	277.8	91.7	113.8	51.20	45	227.6	213.3	93.8	
1928	113.6	50.00	44	302.9	277.8	91.7	113.8	53.25	45	236.6	221.9	93.8	
1929	115.9	51.00	44	309.1	283.3	91.7	122.2	55.00	45	244.4	229.2	93.8	
1930	118.2	52.00	44	315.2	288.9	91.7	122.8	55.25	45	245.6	230.2	93.8	

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CINCINNATI, OHIO—Continued

Year	Electrotypers: Finishers						Electrotypers: Molders					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	37.5	\$18.00	48	100.0	100.0	100.0	43.8	\$21.00	48	100.0	100.0	100.0
1908.....	37.5	18.00	48	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1909.....	37.5	18.00	48	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1910.....	37.5	18.00	48	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1911.....	37.5	18.00	48	100.0	100.0	100.0	43.8	21.00	48	100.0	100.0	100.0
1912.....	43.8	21.00	48	116.8	116.7	100.0	47.9	23.00	48	109.4	109.5	100.0
1913.....	43.8	21.00	48	116.8	116.7	100.0	47.9	23.00	48	109.4	109.5	100.0
1914.....	45.8	22.00	48	122.1	122.2	100.0	50.0	24.00	48	114.2	114.3	100.0
1915.....	45.8	22.00	48	122.1	122.2	100.0	50.0	24.00	48	114.2	114.3	100.0
1916.....	45.8	22.00	48	122.1	122.2	100.0	50.0	24.00	48	114.2	114.3	100.0
1917.....	45.8	22.00	48	122.1	122.2	100.0	50.0	24.00	48	114.2	114.3	100.0
1918.....	47.9	23.00	48	127.7	127.8	100.0	52.1	25.00	48	118.9	119.0	100.0
1919.....	52.1	25.00	48	138.9	138.9	100.0	52.1	25.00	48	118.9	119.0	100.0
1920.....	66.7	32.00	48	177.9	177.8	100.0	70.8	34.00	48	161.6	161.9	100.0
1921.....	87.5	42.00	48	233.3	233.3	100.0	87.5	42.00	48	199.8	200.0	100.0
1922.....	95.5	42.00	44	254.7	233.3	91.7	95.5	42.00	44	218.0	200.0	91.7
1923.....	85.4	41.00	48	227.7	227.8	100.0	85.4	41.00	48	195.0	195.2	100.0
1924.....	89.6	43.00	48	238.9	238.9	100.0	89.6	43.00	48	204.6	204.8	100.0
1925.....	91.7	44.00	48	244.5	244.4	100.0	91.7	44.00	48	209.4	209.5	100.0
1926.....	91.7	44.00	48	244.5	244.4	100.0	91.7	44.00	48	209.4	209.5	100.0
1927.....	95.8	46.00	48	255.5	255.6	100.0	95.8	46.00	48	218.7	219.0	100.0
1928.....	97.9	47.00	48	261.1	261.1	100.0	97.9	47.00	48	223.5	223.8	100.0
1929.....	97.9	47.00	48	261.1	261.1	100.0	97.9	47.00	48	223.5	223.8	100.0
1930.....	100.0	48.00	48	266.7	266.7	100.0	100.0	48.00	48	228.3	228.6	100.0
	Hod carriers						Machine operators, book and job					
1907.....	37.5	\$16.88	45	100.0	100.0	100.0	45.8	\$22.00	48	100.0	100.0	100.0
1908.....	37.5	16.88	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1909.....	37.5	16.88	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1910.....	37.5	16.88	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1911.....	37.5	16.88	45	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1912.....	42.5	19.13	45	113.3	113.3	100.0	45.8	22.00	48	100.0	100.0	100.0
1913.....	42.5	19.13	45	113.3	113.3	100.0	49.0	23.50	48	107.0	106.8	100.0
1914.....	42.5	19.13	45	113.3	113.3	100.0	52.1	25.00	48	113.8	113.6	100.0
1915.....	42.5	19.13	45	113.3	113.3	100.0	52.1	25.00	48	113.8	113.6	100.0
1916.....	42.5	19.13	45	113.3	113.3	100.0	52.1	25.00	48	113.8	113.6	100.0
1917.....	42.5	19.13	45	113.3	113.3	100.0	54.2	26.00	48	118.3	118.2	100.0
1918.....	50.0	22.50	45	133.3	133.3	100.0	54.2	26.00	48	118.3	118.2	100.0
1919.....	57.5	25.88	45	153.3	153.3	100.0	58.3	28.00	48	127.3	127.3	100.0
1920.....	85.0	38.25	45	226.7	226.6	100.0	81.3	39.00	48	177.5	177.3	100.0
1921.....	85.0	38.25	45	226.7	226.6	100.0	104.5	46.00	44	228.2	209.1	91.7
1922.....	72.5	32.63	45	193.3	193.3	100.0	104.5	46.00	44	228.2	209.1	91.7
1923.....	82.5	37.13	45	220.0	220.0	100.0	104.5	46.00	44	228.2	209.1	91.7
1924.....	90.0	40.50	45	240.0	239.9	100.0	109.1	48.00	44	238.2	218.2	91.7
1925.....	92.5	41.63	45	246.7	246.6	100.0	109.1	48.00	44	238.2	218.2	91.7
1926.....	95.0	42.75	45	253.3	253.3	100.0	109.1	48.00	44	238.2	218.2	91.7
1927.....	97.5	43.88	45	260.0	260.0	100.0	113.6	50.00	44	248.0	227.3	91.7
1928.....	97.5	43.88	45	260.0	260.0	100.0	113.6	50.00	44	248.0	227.3	91.7
1929.....	97.5	43.88	45	260.0	260.0	100.0	115.9	51.00	44	253.1	231.8	91.7
1930.....	100.0	45.00	45	266.7	266.6	100.0	118.2	52.00	44	258.1	236.4	91.7

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CINCINNATI, OHIO—Continued

Year	Machine operators, newspaper, day work						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	50.0	\$24.00	48	100.0	100.0	100.0	40.0	\$19.20	48	100.0	100.0	100.0
1908	50.0	24.00	48	100.0	100.0	100.0	40.0	19.20	48	100.0	100.0	100.0
1909	52.1	25.00	48	104.2	104.2	100.0	42.5	20.40	48	104.3	106.3	100.0
1910	52.4	25.00	47½	104.8	104.2	99.3	43.2	19.00	44	108.0	92.0	91.7
1911	52.4	25.00	47½	104.8	104.2	99.3	45.0	19.80	44	112.5	103.1	91.7
1912	52.4	25.00	47½	104.8	104.2	99.3	45.0	19.80	44	112.5	103.1	91.7
1913	52.4	25.00	47½	104.8	104.2	99.3	45.0	22.00	44	125.0	114.6	91.7
1914	54.2	26.00	48	108.4	108.3	100.0	50.0	22.00	44	125.0	114.6	91.7
1915	56.3	27.00	48	112.6	112.5	100.0	50.0	22.00	44	125.0	114.6	91.7
1916	56.3	27.00	48	112.6	112.5	100.0	55.0	24.20	44	137.5	126.0	91.7
1917	56.3	27.00	48	112.6	112.5	100.0	55.0	24.20	44	137.5	126.0	91.7
1918	56.3	27.00	48	112.6	112.5	100.0	60.0	26.40	44	150.0	137.5	91.7
1919	87.5	42.00	48	175.0	175.0	100.0	62.5	27.50	44	156.3	143.2	91.7
1920	107.3	48.30	45	214.6	201.3	93.8	87.5	38.50	44	218.8	200.5	91.7
1921	107.3	48.30	45	214.6	201.3	93.8	100.0	44.00	44	250.0	229.2	91.7
1922	107.3	48.30	45	214.6	201.3	93.8	87.5	38.50	44	218.8	200.5	91.7
1923	113.3	51.00	45	226.6	212.5	93.8	97.5	42.90	44	243.8	223.4	91.7
1924	113.3	51.00	45	226.6	212.5	93.8	107.5	47.30	44	268.8	246.4	91.7
1925	113.8	51.20	45	227.6	213.3	93.8	117.5	51.70	44	293.8	269.3	91.7
1926	113.8	51.20	45	227.6	213.3	93.8	125.0	55.00	44	312.5	286.5	91.7
1927	113.8	51.20	45	227.6	213.3	93.8	131.3	52.50	40	328.3	273.4	83.3
1928	118.3	53.25	45	246.6	221.9	93.8	131.3	52.50	40	328.3	273.4	83.3
1929	122.2	55.00	45	244.4	229.2	93.8	131.3	52.50	40	328.3	273.4	83.3
1930	122.8	55.25	45	245.6	230.2	93.8	133.8	53.50	40	334.5	278.6	83.3
	Plasterers						Plasterers' laborers					
1907	62.5	\$27.81	44½	100.0	100.0	100.0	42.5	\$18.91	44½	100.0	100.0	100.0
1908	62.5	27.81	44½	100.0	100.0	100.0	42.5	18.91	44½	100.0	100.0	100.0
1909	62.5	27.81	44½	100.0	100.0	100.0	42.5	18.91	44½	100.0	100.0	100.0
1910	62.5	27.81	44½	100.0	100.0	100.0	42.5	18.91	44½	100.0	100.0	100.0
1911	62.5	27.81	44½	100.0	100.0	100.0	42.5	18.91	44½	100.0	100.0	100.0
1912	62.5	27.81	44½	100.0	100.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1913	68.8	30.59	44½	110.1	110.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1914	75.0	33.38	44½	120.0	120.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1915	75.0	33.38	44½	120.0	120.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1916	75.0	33.38	44½	120.0	120.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1917	75.0	33.38	44½	120.0	120.0	100.0	45.0	20.25	45	105.9	107.1	101.1
1918	75.0	33.38	44½	120.0	120.0	100.0	50.0	22.50	45	117.6	119.0	101.1
1919	87.5	38.94	44½	140.0	140.0	100.0	65.0	29.25	45	152.9	154.7	101.1
1920	100.0	44.50	44½	160.0	160.0	100.0	85.0	38.25	45	200.0	202.3	101.1
1921	112.5	50.06	44½	180.0	180.0	100.0	85.0	38.25	45	200.0	202.3	101.1
1922	112.5	50.06	44½	180.0	180.0	100.0	72.5	32.63	45	170.6	172.6	101.1
1923	125.0	55.63	44½	200.0	200.0	100.0	82.5	37.13	45	194.1	196.4	101.1
1924	150.0	66.75	44½	240.0	240.0	100.0	90.0	40.50	45	211.8	214.2	101.1
1925	150.0	66.75	44½	240.0	240.0	100.0	92.5	41.63	45	217.6	220.1	101.1
1926	150.0	66.75	44½	240.0	240.0	100.0	95.0	42.75	45	223.5	226.1	101.1
1927	150.0	66.75	44½	240.0	240.0	100.0	97.5	43.88	45	229.4	232.0	101.1
1928	150.0	66.75	44½	240.0	240.0	100.0	97.5	43.88	45	229.4	232.0	101.1
1929	150.0	66.75	44½	240.0	240.0	100.0	97.5	43.88	45	229.4	232.0	101.1
1930	150.0	66.75	44½	240.0	240.0	100.0	100.0	45.00	45	235.3	238.0	101.1

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

CINCINNATI, OHIO—Continued

Year	Plumbers and gas fitters						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	Cents 50.0	\$22.25	44½	100.0	100.0	100.0	Cents 37.9	\$21.60	48	100.0	100.0	100.0
1908	50.0	22.25	44½	100.0	100.0	100.0	37.9	21.60	48	100.0	100.0	100.0
1909	50.0	22.25	44½	100.0	100.0	100.0	37.9	21.60	48	100.0	100.0	100.0
1910	56.3	25.03	44½	112.6	112.5	100.0	43.5	22.20	48	114.8	102.8	89.5
1911	56.3	25.03	44½	112.6	112.5	100.0	43.5	22.20	48	114.8	102.8	89.5
1912	56.3	25.03	44½	112.6	112.5	100.0	44.1	22.50	48	116.4	104.2	89.5
1913	61.8	27.50	44½	123.6	123.6	100.0	47.1	24.00	48	124.3	111.1	89.5
1914	61.8	27.50	44½	123.6	123.6	100.0	50.0	24.00	48	131.9	111.1	84.2
1915	61.8	27.50	44½	123.6	123.6	100.0	50.0	24.00	48	131.9	111.1	84.2
1916	61.8	27.50	44½	123.6	123.6	100.0	50.0	24.00	48	131.9	111.1	84.2
1917	65.6	28.87	44	131.2	129.8	98.9	51.0	24.50	48	134.6	113.4	84.2
1918	65.6	28.87	44	131.2	129.8	98.9	52.1	25.00	48	137.5	115.7	84.2
1919	75.0	33.00	44	150.0	148.3	98.9	64.6	31.00	48	170.4	143.5	84.2
1920	100.0	44.00	44	200.0	197.8	98.9	71.9	34.50	48	189.7	169.7	84.2
1921	100.0	44.00	44	200.0	197.8	98.9	85.4	41.00	48	225.3	189.8	84.2
1922	100.0	44.00	44	200.0	197.8	98.9	85.4	41.00	48	225.3	189.8	84.2
1923	112.5	49.50	44	252.0	222.5	98.9	85.4	41.00	48	225.3	189.8	84.2
1924	125.0	55.00	44	250.0	247.2	98.9	98.8	45.00	48	247.5	208.3	84.2
1925	125.0	55.00	44	250.0	247.2	98.9	98.8	45.00	48	247.5	208.3	84.2
1926	135.0	59.40	44	278.0	267.0	98.9	97.9	47.00	48	258.3	217.6	84.2
1927	137.5	60.50	44	275.0	271.9	98.9	97.9	47.00	48	258.3	217.6	84.2
1928	137.5	60.50	44	275.0	271.9	98.9	102.1	49.00	48	269.4	226.9	84.2
1929	137.5	60.50	44	275.0	271.9	98.9	105.2	50.50	48	277.6	233.8	84.2
1930	140.0	61.60	44	280.0	276.2	98.9	105.2	50.50	48	277.6	233.8	84.2
	Stonecutters						Structural-iron workers					
1907	56.3	\$25.03	44½	100.0	100.0	100.0	45.0	\$21.60	48	100.0	100.0	100.0
1908	56.3	25.03	44½	100.0	100.0	100.0	45.0	21.60	48	100.0	100.0	100.0
1909	56.3	25.03	44½	100.0	100.0	100.0	50.0	24.00	48	111.1	111.1	100.0
1910	56.3	25.03	44½	100.0	100.0	100.0	60.0	26.70	44½	133.3	123.6	92.7
1911	53.3	25.03	44½	100.0	100.0	100.0	60.0	26.70	44½	133.3	123.6	92.7
1912	56.3	25.03	44½	100.0	100.0	100.0	60.0	26.70	44½	133.3	123.6	92.7
1913	56.3	25.03	44½	100.0	100.0	100.0	62.5	27.81	44½	138.9	128.8	92.7
1914	56.3	25.03	44½	100.0	100.0	100.0	62.5	27.81	44½	138.9	128.8	92.7
1915	60.0	26.70	44½	106.6	106.7	100.0	62.5	27.81	44½	138.9	128.8	92.7
1916	62.5	27.81	44½	111.0	111.1	100.0	62.5	27.81	44½	138.9	128.8	92.7
1917	65.0	27.50	44	115.5	109.9	98.9	65.0	28.60	44	144.4	132.4	91.7
1918	70.0	30.80	44	124.3	123.1	98.9	75.0	33.00	44	166.7	152.8	91.7
1919	77.5	34.10	44	137.7	136.2	98.9	75.0	33.00	44	166.7	152.8	91.7
1920	115.0	50.60	44	204.3	202.2	98.9	100.0	44.00	44	222.2	203.7	91.7
1921	125.0	55.00	44	222.0	219.7	98.9	90.0	39.60	44	200.0	183.3	91.7
1922	125.0	55.00	44	222.0	219.7	98.9	95.0	41.80	44	211.1	193.5	91.7
1923	125.0	55.00	44	222.0	219.7	98.9	105.0	46.20	44	233.3	213.9	91.7
1924	125.0	55.00	44	222.0	219.7	98.9	115.0	50.60	44	255.6	224.3	91.7
1925	125.0	55.00	44	222.0	219.7	98.9	125.0	55.00	44	277.8	254.6	91.7
1926	132.5	58.30	44	235.3	232.9	98.9	131.3	57.75	44	291.8	267.4	91.7
1927	150.0	66.00	44	266.4	263.7	98.9	135.0	59.40	44	300.0	275.0	91.7
1928	150.0	66.00	44	266.4	263.7	98.9	137.5	60.50	44	305.6	280.1	91.7
1929	150.0	63.00	44	266.4	263.7	98.9	137.5	60.50	44	305.6	280.1	91.7
1930	150.0	60.00	40	266.4	239.7	89.9	140.0	61.60	44	311.1	285.2	91.7

* 40 cents, October to March, inclusive.

** 54 hours, October to March, inclusive.

*** 46½ cents, October to March, inclusive.

13 48 hours, October to March, inclusive.

14 46½ cents, October to March, inclusive.

15 50 cents, October to March, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

DENVER, COLO.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>											
1907	75.0	\$33.00	44	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908	75.0	33.00	44	100.0	100.0	100.0	55.0	24.20	44	110.0	110.0	100.0
1909	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1910	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1911	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1912	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1913	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1914	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1915	75.0	33.00	44	100.0	100.0	100.0	60.0	26.40	44	120.0	119.1	100.0
1916	87.5	38.50	44	116.7	116.7	100.0	60.0	26.40	44	120.0	119.1	100.0
1917	87.5	38.50	44	116.7	116.7	100.0	70.0	30.80	44	140.0	140.0	100.0
1918	100.0	44.00	44	133.3	133.3	100.0	75.0	33.00	44	150.0	150.0	100.0
1919	100.0	44.00	44	133.3	133.3	100.0	87.5	38.50	44	175.0	175.0	100.0
1920	125.0	55.00	44	166.7	166.7	100.0	112.5	49.50	44	225.0	225.0	100.0
1921	125.0	55.00	44	166.7	166.7	100.0	112.5	49.50	44	225.0	225.0	100.0
1922	125.0	55.00	44	166.7	166.7	100.0	100.0	44.00	44	200.0	200.0	100.0
1923	137.5	60.50	44	183.3	183.3	100.0	112.5	49.50	44	225.0	225.0	100.0
1924	150.0	66.00	44	200.0	200.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1925	150.0	66.00	44	200.0	200.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1926	150.0	66.00	44	200.0	200.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1927	150.0	66.00	44	200.0	200.0	100.0	125.0	50.00	40	250.0	227.3	90.9
1928	150.0	60.00	40	200.0	181.8	90.9	125.0	50.00	40	250.0	227.3	90.9
1929	150.0	66.00	44	200.0	200.0	100.0	125.0	50.00	40	250.0	227.3	90.9
1930	150.0	66.00	44	200.0	200.0	100.0	125.0	50.00	40	250.0	227.3	90.9
	Compositors, book and job						Compositors, newspaper, day work					
1907	45.8	\$22.00	48	100.0	100.0	100.0	50.0	\$23.00	46	100.0	100.0	100.0
1908	45.8	22.00	48	100.0	100.0	100.0	50.0	23.00	46	100.0	100.0	100.0
1909	45.8	22.00	48	100.0	100.0	100.0	55.0	25.30	46	110.0	110.0	100.0
1910	45.8	22.00	48	100.0	100.0	100.0	55.0	25.30	46	110.0	110.0	100.0
1911	52.1	25.00	48	113.8	113.6	100.0	63.3	28.50	45	126.6	123.9	97.8
1912	53.1	25.50	48	115.9	115.9	100.0	63.3	28.50	45	126.6	123.9	97.8
1913	54.2	26.00	48	118.3	118.2	100.0	63.3	28.50	45	126.6	123.9	97.8
1914	54.2	26.00	48	118.3	118.2	100.0	63.3	28.50	45	126.6	123.9	97.8
1915	54.2	26.00	48	118.3	118.2	100.0	63.3	28.50	45	126.6	123.9	97.8
1916	54.2	26.00	48	118.3	118.2	100.0	63.3	28.50	45	126.6	123.9	97.8
1917	54.2	26.00	48	118.3	118.2	100.0	63.3	28.50	45	126.6	123.9	97.8
1918	59.4	28.50	48	129.7	129.5	100.0	72.7	32.70	45	145.4	142.2	97.8
1919	65.6	31.50	48	143.2	143.2	100.0	86.7	39.00	45	173.4	169.6	97.8
1920	81.3	39.00	48	177.5	177.3	100.0	97.8	44.00	45	195.6	191.3	97.8
1921	81.3	39.00	48	177.5	177.3	100.0	97.8	44.00	45	195.6	191.3	97.8
1922	81.3	39.00	48	177.5	177.3	100.0	93.3	42.00	45	186.6	182.6	97.8
1923	95.5	42.00	44	208.5	190.9	91.7	93.3	42.00	45	186.6	182.6	97.8
1924	95.5	42.00	44	208.5	190.9	91.7	103.3	46.50	45	206.6	202.2	97.8
1925	102.3	45.00	44	223.4	204.5	91.7	103.3	46.50	45	206.6	202.2	97.8
1926	102.3	45.00	44	223.4	204.5	91.7	103.3	46.50	45	206.6	202.2	97.8
1927	102.3	45.00	44	223.4	204.5	91.7	103.3	46.50	45	206.6	202.2	97.8
1928	102.3	45.00	44	223.4	204.5	91.7	116.6	49.75	45	221.2	216.3	97.8
1929	102.3	45.00	44	223.4	204.5	91.7	114.8	50.50	44	229.6	219.6	95.7
1930	102.3	45.00	44	223.4	204.5	91.7	119.9	52.75	44	239.8	229.3	95.7

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

DENVER, COLO.—Continued

Year	Electrotypers: Finishers						Electrotypers: Molders						
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—			
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	
	<i>Cents</i>						<i>Cents</i>						
1907	43.8	\$21.00	48	100.0	100.0	100.0	52.1	\$25.00	48	100.0	100.0	100.0	
1908	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1909	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1910	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1911	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1912	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1913	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1914	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1915	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1916	43.8	21.00	48	100.0	100.0	100.0	52.1	25.00	48	100.0	100.0	100.0	
1917	47.9	23.00	48	109.4	109.5	100.0	54.2	26.00	48	104.0	104.0	100.0	
1918	47.9	23.00	48	109.4	109.5	100.0	54.2	26.00	48	104.0	104.0	100.0	
1919	54.2	26.00	48	123.7	123.8	100.0	60.4	29.00	48	115.9	116.0	100.0	
1920	62.5	30.00	48	142.7	142.9	100.0	69.8	33.50	48	134.0	134.0	100.0	
1921	75.0	33.00	44	171.2	157.1	91.7	79.5	35.00	44	152.6	140.0	91.7	
1922	75.0	33.00	44	171.2	157.1	91.7	79.5	35.00	44	152.6	140.0	91.7	
1923	75.0	33.00	44	171.2	157.1	91.7	79.5	35.00	44	152.6	140.0	91.7	
1924	90.9	40.00	44	207.5	190.5	91.7	98.9	43.50	44	189.8	174.0	91.7	
1925	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
1926	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
1927	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
1928	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
1929	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
1930	90.9	40.00	44	207.5	190.5	91.7	90.9	40.00	44	174.5	160.0	91.7	
	Hod carriers, brick men						Hod carriers, mortar men						
1907	34.4	\$15.13	44	100.0	100.0	100.0	37.5	\$16.50	44	100.0	100.0	100.0	
1908	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1909	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1910	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1911	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1912	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1913	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1914	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1915	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1916	37.5	16.50	44	109.0	109.1	100.0	40.6	17.88	44	108.3	108.4	100.0	
1917	43.8	19.25	44	127.3	127.2	100.0	46.9	20.63	44	125.1	125.0	100.0	
1918	53.1	23.38	44	154.4	154.5	100.0	56.3	24.75	44	150.1	150.0	100.0	
1919	62.5	27.50	44	181.7	181.8	100.0	65.6	28.88	44	174.9	175.0	100.0	
1920	75.0	33.00	44	218.0	218.1	100.0	78.1	34.38	44	208.3	208.4	100.0	
1921	75.0	33.00	44	218.0	218.1	100.0	78.1	34.38	44	208.3	208.4	100.0	
1922	75.0	33.00	44	218.0	218.1	100.0	78.1	34.38	44	208.3	208.4	100.0	
1923	75.0	33.00	44	218.0	218.1	100.0	78.1	34.38	44	208.3	208.4	100.0	
1924	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1925	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1926	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1927	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1928	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1929	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	
1930	81.3	35.75	44	236.3	236.3	100.0	84.4	37.13	44	225.1	225.0	100.0	

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

DENVER, COLO.—Continued

Year	Machine operators, newspaper, day work						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$23.00	46	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908.....	50.0	23.00	46	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909.....	55.0	25.30	46	110.0	110.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1910.....	55.0	25.30	46	110.0	110.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1911.....	63.3	28.50	45	126.6	123.9	97.8	50.0	22.00	44	100.0	100.0	100.0
1912.....	63.3	28.50	45	126.6	123.9	97.8	50.0	22.00	44	100.0	100.0	100.0
1913.....	63.3	28.50	45	126.6	123.9	97.8	50.0	22.00	44	100.0	100.0	100.0
1914.....	63.3	28.50	45	126.6	123.9	97.8	50.0	22.00	44	100.0	100.0	100.0
1915.....	63.3	28.50	45	126.6	123.9	97.8	50.0	22.00	44	100.0	100.0	100.0
1916.....	63.3	28.50	45	126.6	123.9	97.8	55.0	24.20	44	110.0	110.0	100.0
1917.....	63.3	28.50	45	126.6	123.9	97.8	62.5	27.50	44	125.0	125.0	100.0
1918.....	72.7	32.70	45	145.4	142.2	97.8	68.8	30.25	44	137.6	137.5	100.0
1919.....	72.7	32.70	45	145.4	142.2	97.8	85.0	37.40	44	170.0	170.0	100.0
1920.....	97.8	44.00	45	195.6	191.3	97.8	100.0	44.00	44	200.0	200.0	100.0
1921.....	97.8	44.00	45	195.6	191.3	97.8	112.5	49.50	44	225.0	225.0	100.0
1922.....	93.3	42.00	45	186.6	182.6	97.8	100.0	44.00	44	200.0	200.0	100.0
1923.....	93.3	42.00	45	186.6	182.6	97.8	100.0	44.00	44	200.0	200.0	100.0
1924.....	110.0	49.50	45	220.0	215.2	97.8	112.5	49.50	44	225.0	225.0	100.0
1925.....	103.3	46.50	45	206.6	202.2	97.8	112.5	49.50	44	225.0	225.0	100.0
1926.....	103.3	46.50	45	206.6	202.2	97.8	125.0	55.00	44	250.0	250.0	100.0
1927.....	103.3	46.50	45	206.6	202.2	97.8	125.0	50.00	40	250.0	227.3	90.9
1928.....	110.6	49.75	45	221.2	216.3	97.8	125.0	50.00	40	250.0	227.3	90.9
1929.....	114.8	50.50	44	229.6	219.6	95.7	125.0	50.00	40	250.0	227.3	90.9
1930.....	119.9	52.75	44	239.8	229.3	95.7	125.0	50.00	40	250.0	227.3	90.9
	Plasterers						Plasterers' laborers					
1907.....	68.8	\$30.25	44	100.0	100.0	100.0	40.6	\$17.88	44	100.0	100.0	100.0
1908.....	68.8	30.25	44	100.0	100.0	100.0	43.8	19.25	44	107.9	107.7	100.0
1909.....	68.8	30.25	44	100.0	100.0	100.0	43.8	19.25	44	107.9	107.7	100.0
1910.....	68.8	30.25	44	100.0	100.0	100.0	43.8	19.25	44	107.9	107.7	100.0
1911.....	68.8	30.25	44	100.0	100.0	100.0	43.8	19.25	44	107.9	107.7	100.0
1912.....	68.8	30.25	44	100.0	100.0	100.0	43.8	19.25	44	107.9	107.7	100.0
1913.....	75.0	33.00	44	109.0	109.1	100.0	43.8	19.25	44	107.9	107.7	100.0
1914.....	75.0	33.00	44	109.0	109.1	100.0	43.8	19.25	44	107.9	107.7	100.0
1915.....	75.0	33.00	44	109.0	109.1	100.0	43.8	19.25	44	107.9	107.7	100.0
1916.....	75.0	33.00	44	109.0	109.1	100.0	43.8	19.25	44	107.9	107.7	100.0
1917.....	87.5	38.50	44	127.2	127.3	100.0	50.0	22.00	44	123.2	123.0	100.0
1918.....	87.5	38.50	44	127.3	127.3	100.0	59.4	26.13	44	146.3	146.1	100.0
1919.....	87.5	38.50	44	127.2	127.3	100.0	68.8	30.25	44	169.5	169.2	100.0
1920.....	125.0	55.00	44	181.7	181.8	100.0	81.3	35.75	44	200.2	199.9	100.0
1921.....	125.0	55.00	44	181.7	181.8	100.0	81.3	35.75	44	200.2	199.9	100.0
1922.....	125.0	55.00	44	181.7	181.8	100.0	81.3	35.75	44	200.2	199.9	100.0
1923.....	125.0	55.00	44	181.7	181.8	100.0	81.3	35.75	44	200.2	199.9	100.0
1924.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1925.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1926.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1927.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1928.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1929.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0
1930.....	150.0	66.00	44	218.0	218.2	100.0	87.5	38.50	44	215.5	215.3	100.0

¹⁵ And bonus.

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TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

DENVER, COLO.—Continued

Year	Plumbers and gas fitters						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	56.3	\$27.00	48	100.0	100.0	100.0	46.9	\$22.50	48	100.0	100.0	100.0
1908	62.5	27.50	44	111.0	101.9	91.7	46.9	22.50	48	100.0	100.0	100.0
1909	62.5	27.50	44	111.0	101.9	91.7	46.9	22.50	48	100.0	100.0	100.0
1910	62.5	27.50	44	111.0	101.9	91.7	50.0	24.00	48	106.6	106.7	100.0
1911	62.5	27.50	44	111.0	101.9	91.7	53.1	25.50	48	113.2	113.3	100.0
1912	62.5	27.50	44	111.0	101.9	91.7	53.1	25.50	48	113.2	113.3	100.0
1913	62.5	27.50	44	111.0	101.9	91.7	53.1	25.50	48	113.2	113.3	100.0
1914	62.5	27.50	44	111.0	101.9	91.7	56.3	27.00	48	120.0	120.0	100.0
1915	62.5	27.50	44	111.0	101.9	91.7	56.3	27.00	48	120.0	120.0	100.0
1916	62.5	27.50	44	111.0	101.9	91.7	56.3	27.00	48	120.0	120.0	100.0
1917	75.0	33.00	44	133.2	122.2	91.7	56.3	27.00	48	120.0	120.0	100.0
1918	87.5	38.50	44	155.4	142.6	91.7	58.9	28.25	48	125.6	125.6	100.0
1919	87.5	38.50	44	155.4	142.6	91.7	66.1	31.75	48	140.9	141.1	100.0
1920	100.0	44.00	44	177.6	163.0	91.7	74.6	35.80	48	159.1	159.1	100.0
1921	106.3	46.75	44	188.8	173.1	91.7	86.5	41.50	48	184.4	184.4	100.0
1922	106.3	46.75	44	188.8	173.1	91.7	84.4	40.50	48	180.0	180.0	100.0
1923	118.8	52.25	44	211.0	193.5	91.7	84.4	40.50	48	180.0	180.0	100.0
1924	118.8	52.25	44	211.0	193.5	91.7	87.5	42.00	48	186.6	186.7	100.0
1925	125.0	55.00	44	222.0	203.7	91.7	91.7	44.00	48	195.5	195.6	100.0
1926	137.5	60.50	44	244.2	224.1	91.7	91.7	44.00	48	195.5	195.6	100.0
1927	137.5	60.50	44	244.2	224.1	91.7	95.8	46.00	48	204.3	204.4	100.0
1928	137.5	60.50	44	244.2	224.1	91.7	95.8	46.00	47½	206.4	204.4	99.0
1929	137.5	60.50	44	244.2	224.1	91.7	95.8	46.00	47½	206.4	204.4	99.0
1930	137.5	55.00	40	244.2	203.7	83.3	95.8	46.00	47½	206.4	204.4	99.0
	Stonecutters						Structural-iron workers					
1907	62.5	\$27.50	44	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1909	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1910	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1911	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1912	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1913	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1914	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1915	62.5	27.50	44	100.0	100.0	100.0	62.5	27.50	44	125.0	125.0	100.0
1916	62.5	27.50	44	100.0	100.0	100.0	62.5	27.50	44	125.0	125.0	100.0
1917	62.5	27.50	44	100.0	100.0	100.0	70.0	30.80	44	140.0	140.0	100.0
1918	75.0	33.00	44	120.0	120.0	100.0	75.0	33.00	44	150.0	150.0	100.0
1919	87.5	38.50	44	140.0	140.0	100.0	87.5	38.50	44	175.0	175.0	100.0
1920	100.0	44.00	44	160.0	160.0	100.0	100.0	44.00	44	200.0	200.0	100.0
1921	112.5	49.50	44	180.0	180.0	100.0	103.1	45.38	44	206.2	206.3	100.0
1922	100.0	44.00	44	160.0	160.0	100.0	103.1	45.38	44	206.2	206.3	100.0
1923	112.5	49.50	44	180.0	180.0	100.0	115.6	50.88	44	231.2	231.3	100.0
1924	112.5	49.50	44	180.0	180.0	100.0	115.6	50.88	44	231.2	231.3	100.0
1925	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0
1926	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0
1927	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0
1928	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0
1929	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0
1930	125.0	55.00	44	200.0	200.0	100.0	125.0	55.00	44	250.0	250.0	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW ORLEANS, LA.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	Cents	\$30.00	48	100.0	100.0	100.0	Cents	\$21.00	48	100.0	100.0	100.0
1908	62.5	30.00	48	100.0	100.0	100.0	45.0	21.00	48	100.0	100.0	100.0
1909	62.5	27.50	44	100.0	91.7	91.7	45.0	21.00	48	100.0	100.0	100.0
1910	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1911	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1912	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1913	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1914	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1915	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1916	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1917	62.5	27.50	44	100.0	91.7	91.7	40.0	19.20	48	88.9	88.9	100.0
1918	62.5	27.50	44	100.0	91.7	91.7	50.0	24.00	48	111.1	111.1	100.0
1919	75.0	33.00	44	120.0	110.0	91.7	60.0	28.80	48	133.3	133.3	100.0
1920	100.0	44.00	44	160.0	146.7	91.7	75.0	36.00	48	166.7	166.7	100.0
1921	100.0	44.00	44	160.0	146.7	91.7	100.0	44.00	44	222.2	203.7	91.7
1922	100.0	44.00	44	160.0	146.7	91.7	100.0	44.00	44	222.2	203.7	91.7
1923	100.0	44.00	44	160.0	146.7	91.7	90.0	39.60	44	200.0	183.3	91.7
1924	125.0	55.00	44	200.0	183.3	91.7	90.0	39.60	44	200.0	183.3	91.7
1925	125.0	55.00	44	200.0	183.3	91.7	90.0	39.60	44	200.0	183.3	91.7
1926	125.0	55.00	44	200.0	183.3	91.7	90.0	39.60	44	200.0	183.3	91.7
1927	125.0	55.00	44	200.0	183.3	91.7	90.0	39.60	44	200.0	183.3	91.7
1928	150.0	66.00	44	240.0	220.0	91.7	90.0	39.60	44	200.0	183.3	91.7
1929	150.0	66.00	44	240.0	220.0	91.7	90.0	39.60	44	200.0	183.3	91.7
1930	150.0	66.00	44	240.0	220.0	91.7	90.0	39.60	44	200.0	183.3	91.7
	Compositors, book and job						Granite cutters, inside					
1907	39.6	\$19.00	48	100.0	100.0	100.0	33.3	\$18.00	54	100.0	100.0	100.0
1908	39.6	19.00	48	100.0	100.0	100.0	33.3	10.00	48	100.0	88.9	88.9
1909	40.6	19.50	48	102.5	102.6	100.0	40.0	19.20	48	120.1	106.7	88.9
1910	41.7	20.00	48	105.3	105.3	100.0	40.0	19.20	48	120.1	106.7	88.9
1911	41.7	20.00	48	105.3	105.3	100.0	40.0	19.20	48	120.1	106.7	88.9
1912	42.7	20.50	48	107.8	107.9	100.0	40.0	19.20	48	120.1	106.7	88.9
1913	43.8	21.00	48	110.6	110.5	100.0	45.0	20.25	45	135.1	112.5	83.3
1914	43.8	21.00	48	110.6	110.5	100.0	45.0	20.25	45	135.1	112.5	83.3
1915	43.8	21.00	48	110.6	110.5	100.0	45.0	20.25	45	135.1	112.5	83.3
1916	43.8	21.00	48	110.6	110.5	100.0	50.0	22.50	45	150.2	125.0	83.3
1917	43.8	21.00	48	110.6	110.5	100.0	50.0	22.00	44	150.2	122.2	81.5
1918	43.8	21.00	48	110.6	110.5	100.0	50.0	22.00	44	150.2	122.2	81.5
1919	50.0	24.00	48	126.3	126.3	100.0	75.0	33.00	44	225.2	183.3	81.5
1920	71.9	34.50	48	181.6	181.6	100.0	80.0	35.20	44	240.2	195.6	81.5
1921	71.9	34.50	48	181.6	181.6	100.0	100.0	44.00	44	300.3	244.4	81.5
1922	78.4	34.50	44	198.0	181.6	91.7	100.0	44.00	44	300.3	244.4	81.5
1923	78.4	34.50	44	198.0	181.6	91.7	100.0	44.00	44	300.3	244.4	81.5
1924	78.4	34.50	44	198.0	181.6	91.7	100.0	44.00	44	300.3	244.4	81.5
1925	78.4	34.50	44	198.0	181.6	91.7	100.0	44.00	44	300.3	244.4	81.5
1926	78.4	34.50	44	198.0	181.6	91.7	100.0	44.00	44	300.3	244.4	81.5
1927	78.4	34.50	44	198.0	181.6	91.7	112.5	49.50	44	337.8	275.0	81.5
1928	78.4	34.50	44	198.0	181.6	91.7	112.5	49.50	44	337.8	275.0	81.5
1929	78.4	34.50	44	198.0	181.6	91.7	112.5	49.50	44	337.8	275.0	81.5
1930	78.4	34.50	44	198.0	181.6	91.7	112.5	49.50	44	337.8	275.0	81.5

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW ORLEANS, LA.—Continued

Year	Painters						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	37.5	\$18.00	48	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908.....	37.5	18.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1909.....	40.0	19.20	48	106.7	106.7	100.0	50.0	24.00	48	100.0	100.0	100.0
1910.....	40.0	19.20	48	106.7	106.7	100.0	50.0	24.00	48	100.0	100.0	100.0
1911.....	40.0	19.20	48	106.7	106.7	100.0	50.0	24.00	48	100.0	100.0	100.0
1912.....	40.0	19.20	48	106.7	106.7	100.0	62.5	30.00	48	125.0	125.0	100.0
1913.....	40.0	19.20	48	106.7	106.7	100.0	62.5	30.00	48	125.0	125.0	100.0
1914.....	40.0	19.20	48	106.7	106.7	100.0	62.5	30.00	48	125.0	125.0	100.0
1915.....	40.0	19.20	48	106.7	106.7	100.0	50.0	24.00	48	100.0	100.0	100.0
1916.....	40.0	19.20	48	106.7	106.7	100.0	50.0	24.00	48	100.0	100.0	100.0
1917.....	40.0	19.20	48	106.7	106.7	100.0	62.5	28.13	45	125.0	117.2	98.8
1918.....	50.0	24.00	48	133.3	133.3	100.0	62.5	28.13	45	125.0	117.2	98.8
1919.....	65.0	28.60	44	173.3	168.9	91.7	75.0	33.75	45	150.0	140.6	98.8
1920.....	75.0	33.00	44	200.0	183.3	91.7	100.0	45.00	45	200.0	187.5	98.8
1921.....	90.0	39.60	44	240.0	220.0	91.7	100.0	45.00	45	200.0	187.5	98.8
1922.....	80.0	35.20	44	213.3	195.6	91.7	100.0	45.00	45	200.0	187.5	98.8
1923.....	80.0	35.20	44	213.3	195.6	91.7	100.0	45.00	45	200.0	187.5	98.8
1924.....	85.0	37.40	44	226.7	207.8	91.7	125.0	56.25	45	250.0	234.4	98.8
1925.....	85.0	37.40	44	226.7	207.8	91.7	125.0	55.00	44	250.0	229.2	91.7
1926.....	85.0	37.40	44	226.7	207.8	91.7	125.0	56.25	45	250.0	234.4	98.8
1927.....	90.0	39.60	44	240.0	220.0	91.7	125.0	55.00	44	250.0	229.2	91.7
1928.....	90.0	39.60	44	240.0	220.0	91.7	125.0	56.25	45	250.0	234.4	98.8
1929.....	90.0	39.60	44	240.0	220.0	91.7	125.0	56.25	45	250.0	234.4	98.8
1930.....	90.0	39.60	44	240.0	220.0	91.7	125.0	56.25	45	250.0	234.4	98.8
	Plumbers and gas fitters						Stereotypers, newspaper, day work					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	31.3	\$15.00	48	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	32.1	15.42	48	102.6	102.8	100.0
1909.....	56.3	27.00	48	112.6	112.5	100.0	32.1	15.42	48	102.6	102.8	100.0
1910.....	56.3	27.00	48	112.6	112.5	100.0	32.1	15.42	48	102.6	102.8	100.0
1911.....	56.3	27.00	48	112.6	112.5	100.0	32.1	15.42	48	102.6	102.8	100.0
1912.....	56.3	27.00	48	112.6	112.5	100.0	32.1	15.42	48	102.6	102.8	100.0
1913.....	56.3	27.00	48	112.6	112.5	100.0	32.1	15.42	48	102.6	102.8	100.0
1914.....	56.3	27.00	48	112.6	112.5	100.0	43.9	18.42	42	140.3	122.8	87.5
1915.....	56.3	27.00	48	112.6	112.5	100.0	46.0	19.32	42	147.0	128.8	87.5
1916.....	56.3	27.00	48	112.6	112.5	100.0	50.0	21.00	42	159.7	140.0	87.5
1917.....	56.3	27.00	48	112.6	112.5	100.0	50.0	\$21.00	42	159.7	140.0	87.5
1918.....	68.8	33.60	48	137.6	137.5	100.0	50.0	\$21.00	42	159.7	140.0	87.5
1919.....	80.0	38.40	48	160.0	160.0	100.0	52.5	\$25.20	48	187.7	168.0	100.0
1920.....	90.0	43.20	48	180.0	180.0	100.0	68.8	\$33.00	48	219.8	220.0	100.0
1921.....	100.0	44.00	44	200.0	183.3	91.7	68.8	\$33.50	47½	219.8	223.3	99.0
1922.....	90.0	39.60	44	180.0	165.0	91.7	68.8	\$33.50	47½	219.8	223.3	99.0
1923.....	90.0	39.60	44	180.0	165.0	91.7	68.8	\$33.50	47½	219.8	223.3	99.0
1924.....	105.0	46.20	44	210.0	192.5	91.7	75.0	35.63	47½	237.5	243.3	99.0
1925.....	112.5	49.50	44	225.0	206.3	91.7	75.0	35.63	47½	237.5	243.3	99.0
1926.....	125.0	55.00	44	250.0	229.2	91.7	75.0	35.63	47½	237.5	243.3	99.0
1927.....	125.0	55.00	44	250.0	229.2	91.7	75.8	36.00	47½	242.2	240.0	99.0
1928.....	125.0	55.00	44	250.0	229.2	91.7	82.1	39.00	47½	262.3	260.0	99.0
1929.....	105.0	46.20	44	210.0	192.5	91.7	82.1	39.00	47½	262.3	260.0	99.0
1930.....	105.0	46.20	44	210.0	192.5	91.7	82.1	39.00	47½	262.3	260.0	99.0

• For second shift on Saturday, 80 cents per hour.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW ORLEANS, LA.—Continued

Year	Structural-iron workers											
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0						
1908.....	50.0	24.00	48	100.0	100.0	100.0						
1909.....	50.0	24.00	48	100.0	100.0	100.0						
1910.....	50.0	24.00	48	100.0	100.0	100.0						
1911.....	56.3	27.00	48	112.6	112.5	100.0						
1912.....	62.5	27.50	44	125.0	114.6	91.7						
1913.....	62.5	27.50	44	125.0	114.6	91.7						
1914.....	62.5	27.50	44	125.0	114.6	91.7						
1915.....	62.5	27.50	44	125.0	114.6	91.7						
1916.....	62.5	27.50	44	125.0	114.6	91.7						
1917.....	62.5	27.50	44	125.0	114.6	91.7						
1918.....	75.0	33.00	44	150.0	137.5	91.7						
1919.....	75.0	33.00	44	150.0	137.5	91.7						
1920.....	100.0	44.00	44	200.0	183.3	91.7						
1921.....	100.0	44.00	44	200.0	183.3	91.7						
1922.....	100.0	44.00	44	200.0	183.3	91.7						
1923.....	100.0	44.00	44	200.0	183.3	91.7						
1924.....	150.0	66.00	44	300.0	275.0	91.7						
1925.....	112.5	49.50	44	225.0	206.3	91.7						
1926.....	125.0	55.00	44	250.0	229.2	91.7						
1927.....	125.0	55.00	44	250.0	229.2	91.7						
1928.....	125.0	55.00	44	250.0	229.2	91.7						
1929.....	125.0	55.00	44	250.0	229.2	91.7						
1930.....	125.0	55.00	44	250.0	229.2	91.7						

NEW YORK, N. Y.

	Bricklayers						Carpenters: Bronx and Brooklyn					
	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	70.0	\$30.80	44	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1911	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1912	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1913	70.0	30.80	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1914	75.0	33.00	44	107.1	107.1	100.0	56.3	24.75	44	100.0	100.0	100.0
1915	75.0	33.00	44	107.1	107.1	100.0	56.3	24.75	44	100.0	100.0	100.0
1916	75.0	33.00	44	107.1	107.1	100.0	56.3	24.75	44	100.0	100.0	100.0
1917	75.0	33.00	44	107.1	107.1	100.0	62.5	27.50	44	111.0	111.1	100.0
1918	81.3	35.75	44	116.1	116.1	100.0	68.8	30.25	44	122.2	122.2	100.0
1919	87.5	38.60	44	125.0	125.0	100.0	75.0	33.00	44	133.3	133.2	100.0
1920	125.0	55.00	44	178.6	178.6	100.0	112.5	49.60	44	199.8	200.0	100.0
1921	125.0	55.00	44	178.6	178.6	100.0	112.5	49.60	44	199.8	200.0	100.0
1922	125.0	55.00	44	178.6	178.6	100.0	112.5	49.60	44	199.8	200.0	100.0
1923	150.0	66.00	44	214.3	214.3	100.0	112.5	49.60	44	199.8	200.0	100.0
1924	150.0	66.00	44	214.3	214.3	100.0	131.3	57.75	44	233.2	233.3	100.0
1925	150.0	66.00	44	214.3	214.3	100.0	131.3	57.75	44	233.2	233.2	100.0
1926	175.0	77.00	44	250.0	250.0	100.0	160.0	66.00	44	266.4	266.7	100.0
1927	175.0	77.00	44	250.0	250.0	100.0	160.0	66.00	44	266.4	266.7	100.0
1928	175.0	77.00	44	250.0	250.0	100.0	160.0	66.00	44	266.4	266.7	100.0
1929	187.5	82.50	40	267.9	267.9	90.9	160.0	66.00	44	266.4	266.7	100.0
1930	192.5	85.00	40	275.0	275.0	90.9	165.0	66.00	40	268.1	266.7	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Carpenters: Manhattan						Carpenters: Queens					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	62.5	\$27.50	44	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1910	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1911	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1912	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1913	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1914	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1915	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1916	62.5	27.50	44	100.0	100.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1917	68.8	30.25	44	110.1	110.0	100.0	62.5	27.50	44	125.0	125.0	100.0
1918	68.8	30.25	44	110.1	110.0	100.0	68.8	30.25	44	137.6	137.5	100.0
1919	75.0	33.00	44	120.0	120.0	100.0	75.0	33.00	44	150.0	150.0	100.0
1920	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1921	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1922	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1923	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1924	131.3	57.75	44	210.1	210.0	100.0	131.3	57.75	44	262.5	262.5	100.0
1925	131.3	57.75	44	210.1	210.0	100.0	131.3	57.75	44	262.5	262.5	100.0
1926	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1927	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1928	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1929	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1930	165.0	66.00	40	264.0	240.0	90.9	165.0	66.00	40	330.0	300.0	90.9
	Carpenters: Richmond						Cement finishers					
1907	50.0	\$22.00	44	100.0	100.0	100.0	62.5	\$27.50	44	100.0	100.0	100.0
1908	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1909	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1910	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1911	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1912	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1913	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1914	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1915	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1916	50.0	22.00	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1917	62.5	27.50	44	125.0	125.0	100.0	70.0	30.80	44	112.0	112.0	100.0
1918	68.8	30.25	44	137.6	137.5	100.0	70.0	30.80	44	112.0	112.0	100.0
1919	75.0	33.00	44	150.0	150.0	100.0	75.0	33.00	44	120.0	120.0	100.0
1920	112.5	49.50	44	225.0	225.0	100.0	112.5	49.50	44	180.0	180.0	100.0
1921	112.5	49.50	44	225.0	225.0	100.0	112.5	49.50	44	180.0	180.0	100.0
1922	112.5	49.50	44	225.0	225.0	100.0	112.5	49.50	44	180.0	180.0	100.0
1923	112.5	49.50	44	225.0	225.0	100.0	112.5	49.50	44	180.0	180.0	100.0
1924	131.3	57.75	44	262.6	262.5	100.0	131.3	57.75	44	210.1	210.0	100.0
1925	131.3	57.75	44	262.6	262.5	100.0	131.3	57.75	44	210.1	210.0	100.0
1926	150.0	66.00	44	300.0	300.0	100.0	150.0	66.00	44	240.0	240.0	100.0
1927	150.0	66.00	44	300.0	300.0	100.0	150.0	66.00	44	240.0	240.0	100.0
1928	150.0	66.00	44	300.0	300.0	100.0	150.0	66.00	44	240.0	240.0	100.0
1929	150.0	66.00	44	300.0	300.0	100.0	150.0	66.00	44	240.0	240.0	100.0
1930	165.0	66.00	40	330.0	300.0	90.9	165.0	66.00	40	264.0	240.0	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Compositors, book and job						Compositors, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	43.8	\$21.00	48	100.0	100.0	100.0	62.2	\$28.00	45	100.0	100.0	100.0
1908	43.8	21.00	48	100.0	100.0	100.0	62.2	28.00	45	100.0	100.0	100.0
1909	43.8	21.00	48	100.0	100.0	100.0	62.2	28.00	45	100.0	100.0	100.0
1910	45.9	22.00	48	104.8	104.8	100.0	64.4	29.00	45	103.5	103.6	100.0
1911	45.9	22.00	48	104.8	104.8	100.0	64.4	29.00	45	103.5	103.6	100.0
1912	47.9	23.00	48	109.4	109.5	100.0	64.4	29.00	45	103.5	103.6	100.0
1913	50.0	24.00	48	114.2	114.3	100.0	66.7	30.00	45	107.2	107.1	100.0
1914	50.0	24.00	48	114.2	114.3	100.0	66.7	30.00	45	107.2	107.1	100.0
1915	50.0	24.00	48	114.2	114.3	100.0	66.7	30.00	45	107.2	107.1	100.0
1916	52.1	25.00	48	118.9	119.0	100.0	66.7	30.00	45	107.2	107.1	100.0
1917	52.1	25.00	48	118.9	119.0	100.0	66.7	30.00	45	107.2	107.1	100.0
1918	58.3	28.00	48	133.1	133.3	100.0	71.1	32.00	45	114.3	114.3	100.0
1919	75.0	36.00	48	171.2	171.4	100.0	96.7	43.50	45	155.5	155.4	100.0
1920	93.8	45.00	48	214.2	214.3	100.0	122.2	55.00	45	196.5	196.4	100.0
1921	113.6	50.00	44	259.4	238.1	91.7	122.2	55.00	45	196.5	196.4	100.0
1922	113.6	50.00	44	259.4	238.1	91.7	122.2	55.00	45	196.5	196.4	100.0
1923	113.6	50.00	44	259.4	238.1	91.7	122.2	55.00	45	196.5	196.4	100.0
1924	120.5	53.00	44	275.1	252.4	91.7	128.9	58.00	45	207.2	207.1	100.0
1925	120.5	53.00	44	275.1	252.4	91.7	133.3	60.00	45	214.3	214.3	100.0
1926	122.7	54.00	44	280.1	257.1	91.7	133.3	60.00	45	214.3	214.3	100.0
1927	125.0	55.00	44	285.4	261.9	91.7	140.0	63.00	45	225.1	225.0	100.0
1928	127.3	56.00	44	290.6	266.7	91.7	142.2	64.00	45	228.6	228.6	100.0
1929	129.5	57.00	44	295.7	271.4	91.7	144.4	65.00	45	232.2	232.1	100.0
1930	131.8	58.00	44	300.9	276.2	91.7	144.4	65.00	45	232.2	232.1	100.0
	Electrotypers: Finishers and molders						Granite cutters, inside					
1907	56.3	\$24.75	44	100.0	100.0	100.0	43.8	\$19.25	44	100.0	100.0	100.0
1908	56.3	24.75	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1909	56.3	24.75	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1910	56.3	24.75	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1911	62.5	27.50	44	111.0	111.1	100.0	43.8	19.25	44	100.0	100.0	100.0
1912	62.5	27.50	44	111.0	111.1	100.0	50.0	22.00	44	114.2	114.3	100.0
1913	62.5	27.50	44	111.0	111.1	100.0	50.0	22.00	44	114.2	114.3	100.0
1914	62.5	27.50	44	111.0	111.1	100.0	50.0	22.00	44	114.2	114.3	100.0
1915	65.6	28.88	44	116.5	116.7	100.0	50.0	22.00	44	114.2	114.3	100.0
1916	68.8	30.25	44	122.2	122.2	100.0	50.0	22.00	44	114.2	114.3	100.0
1917	68.8	30.25	44	122.2	122.2	100.0	50.0	22.00	44	114.2	114.3	100.0
1918	68.8	30.25	44	122.2	122.2	100.0	68.8	30.25	44	157.1	157.1	100.0
1919	75.0	33.00	44	133.2	133.3	100.0	79.0	34.76	44	180.4	180.6	100.0
1920	109.1	48.00	44	193.8	193.9	100.0	100.0	44.00	44	228.3	228.6	100.0
1921	134.1	59.00	44	238.2	238.4	100.0	112.5	49.50	44	256.8	257.1	100.0
1922	134.1	59.00	44	238.2	238.4	100.0	112.5	49.50	44	256.8	257.1	100.0
1923	134.1	59.00	44	238.2	238.4	100.0	112.5	49.50	44	256.8	257.1	100.0
1924	140.9	62.00	44	250.3	250.5	100.0	112.5	49.50	44	256.8	257.1	100.0
1925	140.9	62.00	44	250.3	250.5	100.0	112.5	49.50	44	256.8	257.1	100.0
1926	140.9	62.00	44	250.3	250.5	100.0	137.5	60.50	44	313.9	314.3	100.0
1927	140.9	62.00	44	250.3	250.5	100.0	137.5	60.50	44	313.9	314.3	100.0
1928	140.9	62.00	44	250.3	250.5	100.0	137.5	60.50	44	313.9	314.3	100.0
1929	145.5	64.00	44	258.4	258.6	100.0	137.5	60.50	44	313.9	314.3	100.0
1930	145.5	64.00	44	258.4	258.6	100.0	150.0	60.00	40	342.5	311.7	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Granite cutters, outside						Machine operators, book and job					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	56.3	\$24.75	44	100.0	100.0	100.0	47.9	\$22.98	48	100.0	100.0	100.0
1908.....	56.3	24.75	44	100.0	100.0	100.0	47.9	22.98	48	100.0	100.0	100.0
1909.....	56.3	24.75	44	100.0	100.0	100.0	47.9	22.98	48	100.0	100.0	100.0
1910.....	56.3	24.75	44	100.0	100.0	100.0	50.0	24.00	48	104.4	104.4	100.0
1911.....	56.3	24.75	44	100.0	100.0	100.0	50.0	24.00	48	104.4	104.4	100.0
1912.....	56.3	24.75	44	100.0	100.0	100.0	52.1	25.00	48	108.8	108.8	100.0
1913.....	62.5	27.50	44	111.0	111.1	100.0	54.2	26.00	48	113.2	113.1	100.0
1914.....	62.5	27.50	44	111.0	111.1	100.0	54.2	26.00	48	113.2	113.1	100.0
1915.....	62.5	27.50	44	111.0	111.1	100.0	54.2	26.00	48	113.2	113.1	100.0
1916.....	62.5	27.50	44	111.0	111.1	100.0	54.2	26.00	48	113.2	113.1	100.0
1917.....	62.5	27.50	44	111.0	111.1	100.0	54.2	26.00	48	113.2	113.1	100.0
1918.....	68.8	30.25	44	122.2	122.2	100.0	58.3	28.00	48	121.7	121.8	100.0
1919.....	79.0	34.76	44	140.3	140.4	100.0	75.0	36.00	48	156.6	156.7	100.0
1920.....	100.0	44.00	44	177.6	177.8	100.0	98.8	45.00	48	195.8	195.8	100.0
1921.....	112.5	49.50	44	199.8	200.0	100.0	113.6	50.00	44	237.2	217.6	91.7
1922.....	112.5	49.50	44	199.8	200.0	100.0	113.6	50.00	44	237.2	217.6	91.7
1923.....	112.5	49.50	44	199.8	200.0	100.0	113.6	50.00	44	237.2	217.6	91.7
1924.....	112.5	49.50	44	199.8	200.0	100.0	106.0	46.64	44	221.3	203.0	91.7
1925.....	112.5	49.50	44	199.8	200.0	100.0	120.5	53.00	44	251.6	230.6	91.7
1926.....	137.5	60.50	44	244.2	244.4	100.0	122.7	54.00	44	256.2	235.0	91.7
1927.....	137.5	60.50	44	244.2	244.4	100.0	125.0	55.00	44	261.0	239.3	91.7
1928.....	137.5	60.50	44	244.2	244.4	100.0	127.3	56.00	44	265.8	243.7	91.7
1929.....	143.8	63.25	44	255.4	255.6	100.0	129.5	57.00	44	270.4	248.0	91.7
1930.....	150.0	60.00	40	266.4	242.4	90.9	131.8	58.00	44	275.2	252.4	91.7
	Machine operators, newspaper, day work						Painters: Manhattan, Bronx, Kings, and Richmond					
1907.....	62.2	\$28.00	45	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908.....	62.2	28.00	45	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909.....	62.2	28.00	45	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1910.....	64.4	29.00	45	103.5	103.6	100.0	50.0	22.00	44	100.0	100.0	100.0
1911.....	64.4	29.00	45	103.5	103.6	100.0	50.0	22.00	44	100.0	100.0	100.0
1912.....	64.4	29.00	45	103.5	103.6	100.0	50.0	22.00	44	100.0	100.0	100.0
1913.....	66.7	30.00	45	107.2	107.1	100.0	50.0	22.00	44	100.0	100.0	100.0
1914.....	66.7	30.00	45	107.2	107.1	100.0	50.0	22.00	44	100.0	100.0	100.0
1915.....	66.7	30.00	45	107.2	107.1	100.0	50.0	22.00	44	100.0	100.0	100.0
1916.....	66.7	30.00	45	107.2	107.1	100.0	62.5	27.50	44	125.0	125.0	100.0
1917.....	66.7	30.00	45	107.2	107.1	100.0	62.5	27.50	44	125.0	125.0	100.0
1918.....	71.1	32.00	45	114.3	114.3	100.0	62.5	27.50	44	125.0	125.0	100.0
1919.....	96.7	43.50	45	155.5	155.4	100.0	75.0	33.00	44	150.0	150.0	100.0
1920.....	122.2	55.00	45	196.5	196.4	100.0	112.5	45.00	40	225.0	204.5	90.9
1921.....	122.2	55.00	45	196.5	196.4	100.0	112.5	45.00	40	225.0	204.5	90.9
1922.....	122.2	55.00	45	196.5	196.4	100.0	112.5	45.00	40	225.0	204.5	90.9
1923.....	122.2	55.00	45	196.5	196.4	100.0	112.5	45.00	40	225.0	204.5	90.9
1924.....	128.9	58.00	45	207.2	207.1	100.0	131.3	52.50	40	262.6	238.6	90.9
1925.....	133.3	60.00	45	214.3	214.3	100.0	131.3	52.50	40	262.6	238.6	90.9
1926.....	133.3	60.00	45	214.3	214.3	100.0	150.0	60.00	40	300.0	272.7	90.9
1927.....	140.0	63.00	45	225.1	225.0	100.0	150.0	60.00	40	300.0	272.7	90.9
1928.....	142.2	64.00	45	228.6	228.6	100.0	175.0	70.00	40	360.0	318.2	90.9
1929.....	144.4	65.00	45	232.2	232.1	100.0	150.0	60.00	40	300.0	272.7	90.9
1930.....	144.4	65.00	45	232.2	232.1	100.0	165.0	66.00	40	330.0	300.0	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Painters: Queens						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	43.8	\$19.25	44	100.0	100.0	100.0	68.8	\$30.25	44	100.0	100.0	100.0
1908	43.8	19.25	44	100.0	100.0	100.0	68.8	30.25	44	100.0	100.0	100.0
1909	43.8	19.25	44	100.0	100.0	100.0	68.8	30.25	44	100.0	100.0	100.0
1910	43.8	19.25	44	100.0	100.0	100.0	68.8	30.25	44	100.0	100.0	100.0
1911	43.8	19.25	44	100.0	100.0	100.0	68.8	30.25	44	100.0	100.0	100.0
1912	50.0	22.00	44	114.2	114.3	100.0	68.8	30.25	44	100.0	100.0	100.0
1913	50.0	22.00	44	114.2	114.3	100.0	68.8	30.25	44	100.0	100.0	100.0
1914	50.0	22.00	44	114.2	114.3	100.0	68.8	30.25	44	100.0	100.0	100.0
1915	50.0	22.00	44	114.2	114.3	100.0	68.8	30.25	44	100.0	100.0	100.0
1916	50.0	22.00	44	114.2	114.3	100.0	75.0	33.00	44	109.0	109.1	100.0
1917	62.5	27.50	44	142.7	142.9	100.0	75.0	33.00	44	109.0	109.1	100.0
1918	62.5	27.50	44	142.7	142.9	100.0	75.0	33.00	44	109.0	109.1	100.0
1919	75.0	33.00	44	171.2	171.4	100.0	90.0	39.60	44	130.8	130.9	100.0
1920	100.0	44.00	44	228.3	228.6	100.0	125.0	55.00	44	181.7	181.8	100.0
1921	100.0	44.00	44	228.3	228.6	100.0	125.0	55.00	44	181.7	181.8	100.0
1922	100.0	44.00	44	228.3	228.6	100.0	125.0	55.00	44	181.7	181.8	100.0
1923	112.5	45.00	40	256.8	253.8	90.9	125.0	55.00	44	181.7	181.8	100.0
1924	125.0	50.00	40	285.4	259.7	90.9	150.0	66.00	44	218.0	218.2	100.0
1925	131.3	52.50	40	299.8	272.7	90.9	150.0	66.00	44	218.0	218.2	100.0
1926	150.0	60.00	40	342.5	311.7	90.9	175.0	70.00	40	254.4	251.4	90.9
1927	150.0	60.00	40	342.5	311.7	90.9	175.0	70.00	40	254.4	251.4	90.9
1928	150.0	60.00	40	342.5	311.7	90.9	175.0	70.00	40	254.4	251.4	90.9
1929	150.0	60.00	40	342.5	311.7	90.9	175.0	70.00	40	254.4	251.4	90.9
1930	150.0	60.00	40	342.5	311.7	90.9	192.5	77.00	40	279.3	254.5	90.9
	Plasterers' laborers						Plumbers and gas fitters: Brooklyn					
1907	37.5	\$16.50	44	100.0	100.0	100.0	59.4	\$26.13	44	100.0	100.0	100.0
1908	40.6	17.88	44	108.3	108.4	100.0	59.4	26.13	44	100.0	100.0	100.0
1909	40.6	17.88	44	108.3	108.4	100.0	62.5	27.50	44	105.2	105.2	100.0
1910	40.6	17.88	44	108.3	108.4	100.0	62.5	27.50	44	105.2	105.2	100.0
1911	40.6	17.88	44	108.3	108.4	100.0	62.5	27.50	44	105.2	105.2	100.0
1912	40.6	17.88	44	108.3	108.4	100.0	68.8	30.25	44	115.8	115.8	100.0
1913	40.6	17.88	44	108.3	108.4	100.0	68.8	30.25	44	115.8	115.8	100.0
1914	40.6	17.88	44	108.3	108.4	100.0	68.8	30.25	44	115.8	115.8	100.0
1915	40.6	17.88	44	108.3	108.4	100.0	68.8	30.25	44	115.8	115.8	100.0
1916	43.8	19.25	44	116.8	116.7	100.0	68.8	30.25	44	115.8	115.8	100.0
1917	46.9	20.63	44	125.1	125.0	100.0	68.8	30.25	44	115.8	115.8	100.0
1918	56.3	24.75	44	150.1	150.0	100.0	75.0	33.00	44	126.3	126.3	100.0
1919	62.5	27.50	44	166.7	166.7	100.0	75.0	33.00	44	126.3	126.3	100.0
1920	87.5	38.50	44	233.3	233.3	100.0	112.5	49.50	44	189.4	189.4	100.0
1921	93.8	41.25	44	250.1	250.0	100.0	112.5	49.50	44	189.4	189.4	100.0
1922	93.8	41.25	44	250.1	250.0	100.0	112.5	49.50	44	189.4	189.4	100.0
1923	106.3	46.75	44	283.5	283.3	100.0	125.0	55.00	44	210.4	210.5	100.0
1924	106.3	46.75	44	283.5	283.3	100.0	137.5	60.50	44	231.5	231.5	100.0
1925	125.0	55.00	44	333.3	333.3	100.0	137.5	60.50	44	231.5	231.5	100.0
1926	125.0	55.00	40	333.3	303.0	90.9	137.5	60.50	44	231.5	231.5	100.0
1927	125.0	55.00	40	333.3	303.0	90.9	150.0	66.00	44	252.5	252.6	100.0
1928	125.0	55.00	40	333.3	303.0	90.9	150.0	66.00	44	252.5	252.6	100.0
1929	125.0	55.00	40	333.3	303.0	90.9	150.0	66.00	44	252.5	252.6	100.0
1930	134.0	53.60	40	357.3	324.8	90.9	165.0	66.00	40	277.8	252.6	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Plumbers and gas fitters: Manhattan and Bronx						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	56.3	\$27.00	48	100.0	100.0	100.0
1908.....	62.5	27.50	44	100.0	100.0	100.0	56.3	27.00	48	100.0	100.0	100.0
1909.....	62.5	27.50	44	100.0	100.0	100.0	56.3	27.00	48	100.0	100.0	100.0
1910.....	62.5	27.50	44	100.0	100.0	100.0	56.3	27.00	48	100.0	100.0	100.0
1911.....	68.8	30.25	44	110.1	110.0	100.0	56.3	27.00	48	100.0	100.0	100.0
1912.....	68.8	30.25	44	110.1	110.0	100.0	56.3	27.00	48	100.0	100.0	100.0
1913.....	68.8	30.25	44	110.1	110.0	100.0	62.5	30.00	48	111.0	111.1	100.0
1914.....	68.8	30.25	44	110.1	110.0	100.0	62.5	30.00	48	111.0	111.1	100.0
1915.....	68.8	30.25	44	110.1	110.0	100.0	62.5	30.00	48	111.0	111.1	100.0
1916.....	68.8	30.25	44	110.1	110.0	100.0	62.5	30.00	48	111.0	111.1	100.0
1917.....	68.8	30.25	44	110.1	110.0	100.0	62.5	30.00	48	111.0	111.1	100.0
1918.....	75.0	33.00	44	120.0	120.0	100.0	66.7	32.00	48	118.5	118.5	100.0
1919.....	75.0	33.00	44	120.0	120.0	100.0	72.9	35.00	48	129.5	129.6	100.0
1920.....	112.5	49.50	44	180.0	180.0	100.0	83.3	40.00	48	148.0	143.0	100.0
1921.....	112.5	49.50	44	180.0	180.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1922.....	112.5	49.50	44	180.0	180.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1923.....	125.0	55.00	44	200.0	200.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1924.....	137.5	60.50	44	220.0	220.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1925.....	137.5	60.50	44	220.0	220.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1926.....	150.0	66.00	44	240.0	240.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1927.....	150.0	66.00	44	240.0	240.0	100.0	104.2	50.00	48	185.1	185.2	100.0
1928.....	150.0	66.00	44	240.0	240.0	100.0	108.3	52.00	48	192.4	192.6	100.0
1929.....	150.0	66.00	44	240.0	240.0	100.0	123.3	55.50	45	219.0	205.6	93.8
1930.....	165.0	66.00	40	264.0	240.0	90.9	123.3	55.50	45	219.0	205.6	93.8
	Stonecutters, first class						Stonecutters, bluestone					
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1910.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1911.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1912.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1913.....	68.4	30.09	44	109.4	109.4	100.0	50.0	22.00	44	100.0	100.0	100.0
1914.....	68.8	30.25	44	110.1	110.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1915.....	68.8	30.25	44	110.1	110.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1916.....	68.8	30.25	44	110.1	110.0	100.0	56.3	24.75	44	112.6	112.5	100.0
1917.....	68.8	30.25	44	110.1	110.0	100.0	62.5	27.50	44	125.0	125.0	100.0
1918.....	68.8	30.25	44	110.1	110.0	100.0	68.8	30.25	44	137.6	137.5	100.0
1919.....	84.4	37.13	44	135.0	135.0	100.0	86.0	37.84	44	172.0	172.0	100.0
1920.....	112.5	49.50	44	180.0	180.0	100.0	100.0	44.00	44	200.0	200.0	100.0
1921.....	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1922.....	112.5	49.50	44	180.0	180.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1923.....	125.0	55.00	44	200.0	200.0	100.0	112.5	49.50	44	225.0	225.0	100.0
1924.....	131.3	57.75	44	210.1	210.0	100.0	131.3	57.75	44	262.6	262.5	100.0
1925.....	137.5	60.50	44	220.0	220.0	100.0	131.3	57.75	44	262.6	262.5	100.0
1926.....	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1927.....	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1928.....	150.0	66.00	44	240.0	240.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1929.....	168.8	74.25	44	270.1	270.0	100.0	150.0	66.00	44	300.0	300.0	100.0
1930.....	168.8	67.50	40	270.1	245.5	90.9	162.5	71.50	44	325.0	325.0	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

NEW YORK, N. Y.—Continued

Year	Structural-iron workers											
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	60.0	\$26.40	44	100.0	100.0	100.0						
1908.....	60.0	26.40	44	100.0	100.0	100.0						
1909.....	60.0	26.40	44	100.0	100.0	100.0						
1910.....	62.5	27.50	44	104.2	104.2	100.0						
1911.....	62.5	27.50	44	104.2	104.2	100.0						
1912.....	62.5	27.50	44	104.2	104.2	100.0						
1913.....	62.5	27.50	44	104.2	104.2	100.0						
1914.....	62.5	27.50	44	104.2	104.2	100.0						
1915.....	62.5	27.50	44	104.2	104.2	100.0						
1916.....	66.3	29.15	44	110.5	110.4	100.0						
1917.....	68.8	30.25	44	114.7	114.6	100.0						
1918.....	80.0	35.20	44	133.3	133.3	100.0						
1919.....	87.5	38.50	44	145.8	145.8	100.0						
1920.....	112.5	49.50	44	187.5	187.5	100.0						
1921.....	112.5	49.50	44	187.5	187.5	100.0						
1922.....	112.5	49.50	44	187.5	187.5	100.0						
1923.....	112.5	49.50	44	187.5	187.5	100.0						
1924.....	150.0	66.00	44	250.0	250.0	100.0						
1925.....	150.0	66.00	44	250.0	250.0	100.0						
1926.....	150.0	66.00	44	250.0	250.0	100.0						
1927.....	175.0	77.00	44	291.7	291.7	100.0						
1928.....	175.0	77.00	44	291.7	291.7	100.0						
1929.....	175.0	77.00	44	291.7	291.7	100.0						
1930.....	192.5	77.00	40	320.8	291.7	90.9						

PHILADELPHIA, PA.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	45.0	\$19.80	44	100.0	100.0	100.0
1908.....	62.5	27.50	44	100.0	100.0	100.0	45.0	19.80	44	100.0	100.0	100.0
1909.....	62.5	27.50	44	100.0	100.0	100.0	45.0	19.80	44	100.0	100.0	100.0
1910.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	111.1	111.1	100.0
1911.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	111.1	111.1	100.0
1912.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	111.1	111.1	100.0
1913.....	62.5	27.50	44	100.0	100.0	100.0	50.0	22.00	44	111.1	111.1	100.0
1914.....	65.0	28.60	44	104.0	104.0	100.0	55.0	24.20	44	122.2	122.2	100.0
1915.....	65.0	28.60	44	104.0	104.0	100.0	55.0	24.20	44	122.2	122.2	100.0
1916.....	65.0	28.60	44	104.0	104.0	100.0	55.0	24.20	44	122.2	122.2	100.0
1917.....	70.0	30.80	44	112.0	112.0	100.0	60.0	26.40	44	133.3	133.3	100.0
1918.....	80.0	35.20	44	128.0	128.0	100.0	70.0	30.80	44	155.6	155.6	100.0
1919.....	80.0	35.20	44	128.0	128.0	100.0	80.0	35.20	44	177.8	177.8	100.0
1920.....	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1921.....	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1922.....	125.0	55.00	44	250.0	250.0	100.0	90.0	39.60	44	250.0	250.0	100.0
1923.....	137.5	60.50	44	275.0	275.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1924.....	150.0	66.00	44	300.0	300.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1925.....	150.0	66.00	44	300.0	300.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1926.....	162.5	71.50	44	300.0	300.0	100.0	125.0	55.00	44	277.8	277.8	100.0
1927.....	162.5	65.00	40	300.0	236.4	90.9	125.0	55.00	44	277.8	277.8	100.0
1928.....	162.5	65.00	40	300.0	236.4	90.9	125.0	55.00	44	277.8	277.8	100.0
1929.....	162.5	65.00	40	300.0	236.4	90.9	125.0	55.00	44	277.8	277.8	100.0
1930.....	175.0	70.00	40	300.0	264.5	90.9	160.0	65.00	44	277.8	277.8	102.0

* 40 hours, June to August, inclusive.

** Full holiday on Saturday, June to September, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

PHILADELPHIA, PA.—Continued

Year	Cement finishers						Compositors, book and job					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>											
1907.....	45.0	\$24.30	54	100.0	100.0	100.0	37.5	\$18.00	48	100.0	100.0	100.0
1908.....	45.0	24.30	54	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1909.....	45.0	24.30	54	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1910.....	45.0	24.30	54	100.0	100.0	100.0	37.5	18.00	48	100.0	100.0	100.0
1911.....	45.0	22.28	49½	100.0	91.7	91.7	37.5	18.00	48	100.0	100.0	100.0
1912.....	45.0	22.28	49½	100.0	91.7	91.7	37.5	18.00	48	100.0	100.0	100.0
1913.....	45.0	22.28	49½	100.0	91.7	91.7	39.6	19.00	48	105.6	105.6	100.0
1914.....	47.5	25.65	54	105.6	105.6	100.0	41.7	20.00	48	111.2	111.1	100.0
1915.....	50.0	27.00	54	111.1	111.1	100.0	41.7	20.00	48	111.2	111.1	100.0
1916.....	50.0	22.00	44	111.1	90.5	81.5	41.7	20.00	48	111.2	111.1	100.0
1917.....	55.0	24.20	44	122.2	99.6	81.5	43.8	21.00	48	116.8	116.7	100.0
1918.....	65.0	28.60	44	144.4	117.7	81.5	50.0	24.00	48	133.3	133.3	100.0
1919.....	72.5	31.90	44	161.1	131.3	81.5	60.4	29.00	48	161.1	161.1	100.0
1920.....	100.0	44.00	44	222.2	181.1	81.5	89.6	43.00	48	238.9	238.9	100.0
1921.....	100.0	44.00	44	222.2	181.1	81.5	89.6	43.00	48	238.9	238.9	100.0
1922.....	100.0	44.00	44	222.2	181.1	81.5	89.6	39.42	44	238.9	219.0	91.7
1923.....	112.5	49.50	44	250.0	203.7	81.5	89.6	39.42	44	238.9	219.0	91.7
1924.....	112.5	49.50	44	250.0	203.7	81.5	90.0	39.60	44	240.0	220.0	91.7
1925.....	112.5	49.50	44	250.0	203.7	81.5	90.0	39.60	44	240.0	220.0	91.7
1926.....	125.0	55.00	44	277.8	226.3	81.5	90.0	39.60	44	240.0	220.0	91.7
1927.....	125.0	55.00	44	277.8	226.3	81.5	90.0	39.60	44	240.0	220.0	91.7
1928.....	125.0	55.00	44	277.8	226.3	81.5	90.0	39.60	44	240.0	220.0	91.7
1929.....	125.0	55.00	44	277.8	226.3	81.5	90.0	39.60	44	240.0	220.0	91.7
1930.....	125.0	55.00	44	277.8	226.3	81.5	95.5	42.00	44	254.7	233.3	91.7
	Compositors, newspaper, day work						Electrotypers: Molders					
1907.....	41.7	\$20.00	48	100.0	100.0	100.0	37.0	\$20.00	54	100.0	100.0	100.0
1908.....	41.7	20.00	48	100.0	100.0	100.0	37.0	20.00	54	100.0	100.0	100.0
1909.....	41.7	20.00	48	100.0	100.0	100.0	37.0	20.00	54	100.0	100.0	100.0
1910.....	41.7	20.00	48	100.0	100.0	100.0	41.7	20.00	48	112.7	100.0	88.9
1911.....	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	123.8	110.0	88.9
1912.....	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	123.8	110.0	88.9
1913.....	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	123.8	110.0	88.9
1914.....	41.7	20.00	48	100.0	100.0	100.0	52.1	25.00	48	140.8	125.0	88.9
1915.....	41.7	20.00	48	100.0	100.0	100.0	52.1	25.00	48	140.8	125.0	88.9
1916.....	41.7	20.00	48	100.0	100.0	100.0	54.1	26.00	48	146.2	130.0	88.9
1917.....	41.7	20.00	48	100.0	100.0	100.0	56.3	27.00	48	152.2	135.0	88.9
1918.....	50.0	24.00	48	119.9	120.0	100.0	64.2	30.80	48	173.5	154.0	88.9
1919.....	66.7	32.00	48	160.0	160.0	100.0	70.0	33.60	48	189.2	168.0	88.9
1920.....	81.3	39.00	48	195.0	195.0	100.0	103.1	49.50	48	278.6	247.5	88.9
1921.....	79.2	38.00	48	189.9	190.0	100.0	113.6	50.00	44	307.0	250.0	81.5
1922.....	79.2	38.00	48	189.9	190.0	100.0	113.6	50.00	44	307.0	250.0	81.5
1923.....	79.2	38.00	48	189.9	190.0	100.0	125.0	55.00	44	337.8	275.0	81.5
1924.....	87.5	42.00	48	209.8	210.0	100.0	125.0	55.00	44	337.8	275.0	81.5
1925.....	87.5	42.00	48	209.8	210.0	100.0	114.6	55.00	48	309.7	275.0	88.9
1926.....	87.5	42.00	48	209.8	210.0	100.0	114.6	55.00	48	309.7	275.0	88.9
1927.....	91.3	42.00	46	218.9	210.0	95.8	118.8	57.00	48	321.1	285.0	88.9
1928.....	91.3	42.00	46	218.9	210.0	95.8	118.8	57.00	48	321.1	285.0	88.9
1929.....	91.3	42.00	46	218.9	210.0	95.8	118.8	57.00	48	321.1	285.0	88.9
1930.....	91.3	42.00	46	218.9	210.0	95.8	131.8	58.00	44	356.2	290.0	81.5

TABLE 11.—*Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.*

PHILADELPHIA, PA.—Continued

Year	Granite cutters, outside						Inside wiremen					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	47.8	\$21.01	44	100.0	100.0	100.0	45.0	\$21.60	48	100.0	100.0	100.0
1908	47.8	21.01	44	100.0	100.0	100.0	45.0	21.60	48	100.0	100.0	100.0
1909	47.8	21.01	44	100.0	100.0	100.0	45.0	21.60	48	100.0	100.0	100.0
1910	47.8	21.01	44	100.0	100.0	100.0	45.0	21.60	48	100.0	100.0	100.0
1911	50.0		44	104.6	104.7	100.0	45.0	21.60	48	100.0	100.0	100.0
1912	50.0	22.00	44	104.6	104.7	100.0	45.0	21.60	48	100.0	100.0	100.0
1913	50.0	22.00	44	104.6	104.7	100.0	45.0	19.80	44	100.0	91.7	91.7
1914	50.0	22.00	44	104.6	104.7	100.0	45.0	19.80	44	100.0	91.7	91.7
1915	50.0	22.00	44	104.6	104.7	100.0	45.0	19.80	44	100.0	91.7	91.7
1916	50.0	22.00	44	104.6	104.7	100.0	50.0	22.00	44	111.1	101.9	91.7
1917	60.0	26.40	44	125.5	125.7	100.0	56.3	24.75	44	125.1	114.6	91.7
1918	70.0	30.80	44	146.4	146.6	100.0	65.0	28.60	44	144.4	132.4	91.7
1919	80.0	35.20	44	167.4	167.5	100.0	75.0	33.00	44	166.7	152.8	91.7
1920	100.0	44.00	44	209.2	209.4	100.0	100.0	44.00	44	222.2	203.7	91.7
1921	100.0	44.00	44	209.2	209.4	100.0	112.5	49.50	44	250.0	229.2	91.7
1922	100.0	44.00	44	209.2	209.4	100.0	90.0	39.60	44	200.0	183.3	91.7
1923	112.5	49.50	44	235.4	235.6	100.0	100.0	44.00	44	222.2	203.7	91.7
1924	112.5	49.50	44	235.4	235.6	100.0	112.5	49.50	44	250.0	229.2	91.7
1925	112.5	49.50	44	235.4	235.6	100.0	112.5	49.50	44	250.0	229.2	91.7
1926	118.8	52.25	44	248.5	248.7	100.0	125.0	55.00	44	277.8	254.6	91.7
1927	112.5	49.50	44	235.4	235.6	100.0	125.0	55.00	44	277.8	254.6	91.7
1928	125.0	55.00	44	261.5	261.8	100.0	125.0	55.00	44	277.8	254.6	91.7
1929	125.0	55.00	44	261.5	261.8	100.0	125.0	55.00	44	277.8	254.6	91.7
1930	125.0	55.00	44	261.5	261.8	100.0	125.0	55.00	40	277.8	231.5	83.8
	Machine operators, book and job						Machine operators, newspaper, day work					
1907	41.7	\$20.00	48	100.0	100.0	100.0	45.8	\$22.00	48	100.0	100.0	100.0
1908	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1909	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1910	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1911	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1912	41.7	20.00	48	100.0	100.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1913	43.8	21.00	48	105.0	105.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1914	45.8	22.00	48	109.8	110.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1915	45.8	22.00	48	109.8	110.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1916	45.8	22.00	48	109.8	110.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1917	47.9	23.00	48	114.9	115.0	100.0	45.8	22.00	48	100.0	100.0	100.0
1918	54.2	26.00	48	130.0	130.0	100.0	52.1	25.00	48	113.8	113.6	100.0
1919	64.6	31.00	48	154.9	155.0	100.0	66.7	32.00	48	145.6	145.5	100.0
1920	93.8	45.00	48	224.9	225.0	100.0	81.3	39.00	48	177.5	177.3	100.0
1921	93.8	45.00	48	224.9	225.0	100.0	79.2	38.00	48	172.9	172.7	100.0
1922	94.1	41.42	44	225.7	207.1	91.7	79.2	38.00	48	172.9	172.7	100.0
1923	94.1	41.42	44	225.7	207.1	91.7	79.2	38.00	48	172.9	172.7	100.0
1924	94.1	41.42	44	225.7	207.1	91.7	87.5	42.00	48	191.0	190.9	100.0
1925	94.1	41.42	44	225.7	207.1	91.7	87.5	42.00	48	191.0	190.9	100.0
1926	94.1	41.42	44	225.7	207.1	91.7	87.5	42.00	48	191.0	190.9	100.0
1927	94.1	41.42	44	225.7	207.1	91.7	91.3	42.00	46	199.3	190.9	95.8
1928	94.1	41.42	44	225.7	207.1	91.7	91.3	42.00	46	199.3	190.9	95.8
1929	94.1	41.42	44	225.7	207.1	91.7	91.3	42.00	46	199.3	190.9	95.8
1930	100.0	44.00	44	239.8	220.0	91.7	91.3	42.00	46	199.3	190.9	95.8

4 40 hours, June to August, inclusive.

17 40 hours, during July and August.

18 44 hours, June to September, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

PHILADELPHIA, PA.—Continued

Year	Painters						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	40.0	\$17.60	44	100.0	100.0	100.0	59.4	\$26.13	44	100.0	100.0	100.0
1908	40.0	17.60	44	100.0	100.0	100.0	59.4	26.13	44	100.0	100.0	100.0
1909	40.0	17.60	44	100.0	100.0	100.0	59.4	26.13	44	100.0	100.0	100.0
1910	42.5	18.70	44	106.3	106.2	100.0	62.5	27.50	44	105.2	105.2	100.0
1911	42.5	18.70	44	106.3	106.2	100.0	62.5	27.50	44	105.2	105.2	100.0
1912	42.5	18.70	44	106.3	106.2	100.0	62.5	27.50	44	105.2	105.2	100.0
1913	42.5	18.70	44	106.3	106.2	100.0	62.5	27.50	44	105.2	105.2	100.0
1914	42.5	18.70	44	106.3	106.2	100.0	62.5	27.50	44	105.2	105.2	100.0
1915	42.5	18.70	44	106.3	106.2	100.0	62.5	25.00	40	105.2	95.7	90.9
1916	42.5	18.70	44	106.3	106.2	100.0	62.5	25.00	40	105.2	95.7	90.9
1917	45.0	19.80	44	112.5	112.5	100.0	70.0	28.00	40	117.8	107.2	90.9
1918	60.0	26.40	44	150.0	150.0	100.0	75.0	30.00	40	126.3	114.8	90.9
1919	75.0	33.00	44	187.5	187.5	100.0	80.0	32.00	40	134.7	122.5	90.9
1920	100.0	40.00	40	250.0	227.3	90.9	125.0	50.00	40	210.4	191.4	90.9
1921	100.0	40.00	40	250.0	227.3	90.9	125.0	50.00	40	210.4	191.4	90.9
1922	100.0	44.00	44	250.0	250.0	100.0	125.0	50.00	40	210.4	191.4	90.9
1923	100.0	44.00	44	250.0	250.0	100.0	125.0	50.00	40	210.4	191.4	90.9
1924	100.0	44.00	44	250.0	250.0	100.0	150.0	60.00	40	252.5	229.6	90.9
1925	100.0	44.00	44	250.0	250.0	100.0	150.0	60.00	40	252.5	229.6	90.9
1926	100.0	44.00	44	250.0	250.0	100.0	175.0	70.00	40	294.6	267.9	90.9
1927	105.0	46.20	44	262.5	262.5	100.0	175.0	70.00	40	294.6	267.9	90.9
1928	105.0	46.20	44	262.5	262.5	100.0	175.0	70.00	40	294.6	267.9	90.9
1929	105.0	46.20	44	262.5	262.5	100.0	150.0	60.00	40	252.5	229.6	90.9
1930	105.0	46.20	44	262.5	262.5	100.0	162.5	65.00	40	273.6	248.8	90.9
	Plasterers' laborers						Plumbers and gas fitters					
1907	43.8	\$19.25	44	100.0	100.0	100.0	43.8	\$19.25	44	100.0	100.0	100.0
1908	43.8	19.25	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1909	43.8	19.25	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1910	43.8	19.25	44	100.0	100.0	100.0	43.8	19.25	44	100.0	100.0	100.0
1911	43.8	19.25	44	100.0	100.0	100.0	50.0	22.00	44	114.2	114.2	100.0
1912	43.8	19.25	44	100.0	100.0	100.0	50.0	22.00	44	114.2	114.2	100.0
1913	43.8	19.25	44	100.0	100.0	100.0	50.0	22.00	44	114.2	114.2	100.0
1914	43.8	19.25	44	100.0	100.0	100.0	50.0	22.00	44	114.2	114.2	100.0
1915	44.0	19.36	44	100.5	100.6	100.0	50.0	22.00	44	114.2	114.2	100.0
1916	44.0	17.60	40	100.5	91.4	90.9	50.0	22.00	44	114.2	114.2	100.0
1917	46.9	18.75	40	107.1	97.4	90.9	56.3	24.75	44	128.5	128.6	100.0
1918	50.0	20.00	40	114.2	103.9	90.9	62.5	27.50	44	142.7	142.9	100.0
1919	62.5	27.50	44	142.7	142.9	100.0	80.0	35.20	44	182.6	182.9	100.0
1920	110.0	48.40	44	251.1	251.4	100.0	90.0	39.60	44	205.5	205.7	100.0
1921	110.0	48.40	44	251.1	251.4	100.0	115.0	50.00	44	262.6	262.9	100.0
1922	100.0	44.00	44	228.3	228.6	100.0	90.0	39.60	44	205.5	205.7	100.0
1923	100.0	44.00	44	228.3	228.6	100.0	115.0	50.00	44	262.6	262.9	100.0
1924	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1925	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1926	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1927	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1928	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1929	112.5	49.50	44	256.8	257.1	100.0	115.0	50.00	44	262.6	262.9	100.0
1930	106.3	46.75	44	242.7	242.9	100.0	125.0	50.00	40	285.4	259.7	90.9

* Old scale; strike pending.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 15 cities, May, 1907 to 1930—Con.

PHILADELPHIA, PA.—Continued

Year	Stereotypers, newspaper, day work						Structural-iron workers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	Cents 37.5	\$20.25	54	100.0	100.0	100.0	Cents 56.3	\$24.75	44	100.0	100.0	100.0
1908	37.5	20.25	54	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909	37.5	20.25	54	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910	40.6	19.50	48	108.3	96.3	88.9	56.3	24.75	44	100.0	100.0	100.0
1911	40.6	19.50	48	108.3	96.3	88.9	56.3	24.75	44	100.0	100.0	100.0
1912	40.6	19.50	48	108.3	96.3	88.9	60.0	26.40	44	106.6	106.7	100.0
1913	43.8	21.00	48	116.8	103.7	88.9	60.0	26.40	44	106.6	106.7	100.0
1914	43.8	21.00	48	116.8	103.7	88.9	60.0	26.40	44	106.6	106.7	100.0
1915	43.8	21.00	48	116.8	103.7	88.9	60.0	26.40	44	106.6	106.7	100.0
1916	43.8	21.00	48	116.8	103.7	88.9	60.0	26.40	44	106.6	106.7	100.0
1917	43.8	21.00	48	116.8	103.7	88.9	70.0	30.80	44	124.3	124.4	100.0
1918	52.1	25.00	48	138.9	123.5	88.9	92.5	40.70	44	164.3	164.4	100.0
1919	56.3	27.00	48	150.1	133.3	88.9	92.5	40.70	44	164.3	164.4	100.0
1920	66.7	32.00	48	177.9	158.0	88.9	112.5	49.50	44	199.8	200.0	100.0
1921	72.9	35.00	48	194.4	172.8	88.9	112.5	49.50	44	199.8	200.0	100.0
1922	72.9	35.00	48	194.4	172.8	88.9	100.0	44.00	44	177.6	177.8	100.0
1923	72.9	35.00	48	194.4	172.8	88.9	112.5	49.50	44	199.8	200.0	100.0
1924	79.2	38.00	48	211.2	187.7	88.9	125.0	55.00	44	222.0	222.2	100.0
1925	79.2	38.00	48	211.2	187.7	88.9	125.0	55.00	44	222.0	222.2	100.0
1926	83.3	40.00	48	222.1	197.5	88.9	150.0	66.00	44	266.4	266.7	100.0
1927	87.5	42.00	48	233.3	207.4	88.9	150.0	66.00	44	266.4	266.7	100.0
1928	87.5	42.00	48	233.3	207.4	88.9	150.0	66.00	44	266.4	266.7	100.0
1929	87.5	42.00	48	233.3	207.4	88.9	150.0	66.00	44	266.4	266.7	100.0
1930	87.5	42.00	48	233.3	207.4	88.9	150.0	66.00	44	266.4	266.7	100.0

PITTSBURGH, PA.

Year	Bricklayers						Carpenters					
	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	60.0	\$26.40	44	100.0	100.0	100.0	43.8	\$21.00	48	100.0	100.0	100.0
1908	65.0	28.60	44	108.3	108.3	100.0	50.0	24.00	48	114.2	114.3	100.0
1909	65.0	28.60	44	108.3	108.3	100.0	50.0	24.00	48	114.2	114.3	100.0
1910	65.0	28.60	44	108.3	108.3	100.0	50.0	24.00	48	114.2	114.3	100.0
1911	65.0	28.60	44	108.3	108.3	100.0	50.0	22.00	44	114.2	104.8	91.7
1912	65.0	28.60	44	108.3	108.3	100.0	50.0	22.00	44	114.2	104.8	91.7
1913	70.0	30.80	44	116.7	116.7	100.0	55.0	24.20	44	125.6	115.2	91.7
1914	70.0	30.80	44	116.7	116.7	100.0	56.3	24.75	44	128.5	117.9	91.7
1915	70.0	30.80	44	116.7	116.7	100.0	62.5	27.50	44	142.7	131.0	91.7
1916	70.0	30.80	44	116.7	116.7	100.0	62.5	27.50	44	142.7	131.0	91.7
1917	75.0	33.00	44	125.0	125.0	100.0	71.0	31.24	44	162.1	148.8	91.7
1918	75.0	33.00	44	125.0	125.0	100.0	71.0	31.24	44	162.1	148.8	91.7
1919	90.0	39.60	44	150.0	150.0	100.0	80.0	35.20	44	182.6	167.6	91.7
1920	112.5	49.50	44	187.5	187.5	100.0	90.0	39.60	44	205.5	188.6	91.7
1921	150.0	66.00	44	250.0	250.0	100.0	125.0	55.00	44	285.4	261.9	91.7
1922	130.0	57.20	44	216.7	216.7	100.0	100.0	44.00	44	228.3	209.6	91.7
1923	130.0	57.20	44	216.7	216.7	100.0	120.0	52.80	44	274.0	251.4	91.7
1924	140.0	61.60	44	233.3	233.3	100.0	137.5	60.50	44	313.9	288.1	91.7
1925	155.0	68.20	44	258.3	258.3	100.0	137.5	60.50	44	313.9	288.1	91.7
1926	162.5	71.50	44	270.8	270.8	100.0	150.0	66.00	44	342.5	314.3	91.7
1927	162.5	71.50	44	270.8	270.8	100.0	150.0	66.00	44	342.5	314.3	91.7
1928	170.0	74.80	44	283.3	283.3	100.0	150.0	66.00	44	342.5	314.3	91.7
1929	170.0	74.80	44	283.3	283.3	100.0	150.0	66.00	44	342.5	314.3	91.7
1930	175.0	70.00	40	291.7	265.2	90.9	150.0	60.00	40	342.5	285.7	83.3

* 40 hours per week June to August, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

PITTSBURGH, PA.—Continued

Year	Compositors, book and job						Compositors, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	33.3	\$16.00	48	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908.....	33.3	16.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1909.....	33.3	16.00	48	100.0	100.0	100.0	55.0	26.40	48	110.0	110.0	100.0
1910.....	35.4	17.00	48	106.3	106.3	100.0	55.0	26.40	48	110.0	110.0	100.0
1911.....	37.5	18.00	48	112.6	112.5	100.0	55.0	26.40	48	110.0	110.0	100.0
1912.....	39.6	19.00	48	118.9	118.8	100.0	55.0	26.40	48	110.0	110.0	100.0
1913.....	39.6	19.00	48	118.9	118.8	100.0	55.0	26.40	48	110.0	110.0	100.0
1914.....	41.7	20.00	48	125.2	125.0	100.0	60.0	27.00	45	120.0	112.5	93.8
1915.....	41.7	20.00	48	125.2	125.0	100.0	60.0	27.00	45	120.0	112.5	93.8
1916.....	43.8	21.00	48	131.5	131.3	100.0	60.0	27.00	45	120.0	112.5	93.8
1917.....	43.8	21.00	48	131.5	131.3	100.0	61.0	27.45	45	122.0	114.4	93.8
1918.....	47.9	23.00	48	143.8	143.8	100.0	65.0	29.25	45	130.0	121.9	93.8
1919.....	60.4	29.00	48	181.4	181.3	100.0	77.0	34.65	45	154.0	144.4	93.8
1920.....	81.3	39.00	48	244.1	243.8	100.0	87.5	42.00	48	175.0	175.0	100.0
1921.....	100.0	44.00	44	300.3	275.0	91.7	111.8	52.00	46½	223.6	216.7	96.9
1922.....	100.0	44.00	44	300.3	275.0	91.7	111.8	52.00	46½	223.6	216.7	96.9
1923.....	100.0	44.00	44	300.3	275.0	91.7	118.9	53.50	45	237.8	222.9	93.8
1924.....	100.0	44.00	44	300.3	275.0	91.7	121.1	54.50	45	242.2	227.1	93.8
1925.....	100.0	44.00	44	300.3	275.0	91.7	121.1	54.50	45	242.2	227.1	93.8
1926.....	100.0	44.00	44	300.3	275.0	91.7	125.6	56.50	45	251.2	235.4	93.8
1927.....	104.5	46.00	44	313.8	287.5	91.7	126.7	57.00	45	253.4	237.5	93.8
1928.....	104.5	46.00	44	313.8	287.5	91.7	126.7	57.00	45	253.4	237.5	93.8
1929.....	104.5	46.00	44	313.8	287.5	91.7	126.7	57.00	45	253.4	237.5	93.8
1930.....	106.8	47.00	44	320.7	293.8	91.7	128.9	58.00	45	257.8	241.7	93.8
	Electrotypers: Finishers						Electrotypers: Molders					
1907.....	33.3	\$18.00	54	100.0	100.0	100.0	38.9	\$21.00	54	100.0	100.0	100.0
1908.....	38.9	21.00	54	116.8	116.7	100.0	44.4	24.00	54	114.1	114.3	100.0
1909.....	38.9	21.00	54	116.8	116.7	100.0	44.4	24.00	54	114.1	114.3	100.0
1910.....	38.9	21.00	54	116.8	116.7	100.0	44.4	24.00	54	114.1	114.3	100.0
1911.....	41.2	21.00	51	123.7	116.7	94.4	47.1	24.00	51	121.1	114.3	94.4
1912.....	43.8	21.00	48	131.5	116.7	88.9	50.0	24.00	48	128.5	114.3	88.9
1913.....	43.8	21.00	48	131.5	116.7	88.9	50.0	24.00	48	128.5	114.3	88.9
1914.....	43.8	21.00	48	131.5	116.7	88.9	50.0	24.00	48	128.5	114.3	88.9
1915.....	43.8	21.00	48	131.5	116.7	88.9	50.0	24.00	48	128.5	114.3	88.9
1916.....	43.8	21.00	48	131.5	116.7	88.9	50.0	24.00	48	128.5	114.3	88.9
1917.....	45.8	22.00	48	137.5	122.2	88.9	52.1	25.00	48	133.9	119.0	88.9
1918.....	45.8	22.00	48	137.5	122.2	88.9	53.1	25.50	48	136.5	121.4	88.9
1919.....	45.8	22.00	48	137.5	122.2	88.9	53.1	25.50	48	136.5	121.4	88.9
1920.....	35.4	41.00	48	256.5	227.8	88.9	87.5	42.00	48	224.9	200.0	88.9
1921.....	79.2	38.00	48	237.8	211.1	88.9	87.5	42.00	48	224.9	200.0	88.9
1922.....	79.2	38.00	48	237.8	211.1	88.9	87.5	42.00	48	224.9	200.0	88.9
1923.....	87.5	42.00	48	262.8	233.3	88.9	87.5	42.00	48	224.9	200.0	88.9
1924.....	91.7	44.00	48	275.4	244.4	88.9	91.7	44.00	48	235.7	209.5	88.9
1925.....	91.7	44.00	48	275.4	244.4	88.9	91.7	44.00	48	235.7	209.5	88.9
1926.....	91.7	44.00	48	275.4	244.4	88.9	91.7	44.00	48	235.7	209.5	88.9
1927.....	93.8	45.00	48	281.7	250.0	88.9	93.8	45.00	48	241.1	214.3	88.9
1928.....	93.8	45.00	48	281.7	250.0	88.9	93.8	45.00	48	241.1	214.3	88.9
1929.....	93.8	45.00	48	281.7	250.0	88.9	93.8	45.00	48	241.1	214.3	88.9
1930.....	93.8	45.00	48	281.7	250.0	88.9	93.8	45.00	48	241.1	214.3	88.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

PITTSBURGH, PA.—Continued

Year	Hod carriers						Machine operators, newspaper, day work						
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—			
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	
	<i>Cents</i>						<i>Cents</i>						
1907.....	37.5	\$16.50	44	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0	
1908.....	37.5	16.50	44	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0	
1909.....	37.5	16.50	44	100.0	100.0	100.0	55.0	26.40	48	110.0	110.0	100.0	
1910.....	37.5	16.50	44	100.0	100.0	100.0	55.0	26.40	48	110.0	110.0	100.0	
1911.....	37.5	16.50	44	100.0	100.0	100.0	55.0	26.40	48	110.0	110.0	100.0	
1912.....	37.5	16.50	44	100.0	100.0	100.0	55.0	26.40	48	110.0	110.0	100.0	
1913.....	40.0	17.60	44	106.7	106.7	100.0	55.0	26.40	48	110.0	110.0	100.0	
1914.....	40.0	17.60	44	106.7	106.7	100.0	60.0	27.00	45	120.0	112.5	93.8	
1915.....	40.0	17.60	44	106.7	106.1	100.0	60.0	27.00	45	120.0	112.5	93.8	
1916.....	45.0	19.80	44	120.0	120.0	100.0	60.0	27.00	45	120.0	112.5	93.8	
1917.....	45.0	19.80	44	120.0	120.0	100.0	61.0	27.45	45	122.0	114.4	93.8	
1918.....	55.0	24.20	44	146.7	146.7	100.0	65.0	29.25	45	130.0	121.9	93.8	
1919.....	60.0	26.40	44	160.0	160.0	100.0	77.0	34.65	45	154.0	144.4	93.8	
1920.....	90.0	39.60	44	240.0	240.0	100.0	87.5	42.00	48	175.0	175.0	100.0	
1921.....	100.0	44.00	44	266.7	266.7	100.0	111.8	52.00	46½	223.6	216.7	96.9	
1922.....	80.0	35.20	44	213.3	213.3	100.0	111.8	52.00	46½	223.6	216.7	96.9	
1923.....	100.0	44.00	44	266.7	266.7	100.0	118.9	53.50	45	237.8	222.9	93.8	
1924.....	100.0	44.00	44	266.7	266.7	100.0	121.1	54.50	45	242.2	227.1	93.8	
1925.....	100.0	44.00	44	266.7	266.7	100.0	121.1	54.50	45	242.2	227.1	93.8	
1926.....	112.5	49.50	44	300.0	300.0	100.0	125.6	56.50	45	251.2	235.4	93.8	
1927.....	112.5	49.50	44	300.0	300.0	100.0	126.7	57.00	45	253.4	237.5	93.8	
1928.....	112.5	49.50	44	300.0	300.0	100.0	126.7	57.00	45	253.4	237.5	93.8	
1929.....	112.5	49.50	44	300.0	300.0	100.0	126.7	57.00	45	253.4	237.5	93.8	
1930.....	112.5	49.50	44	300.0	300.0	100.0	128.9	58.00	45	257.8	241.7	93.8	
	Painters						Plasterers						
1907.....	42.5	\$20.40	48	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0	
1908.....	42.5	20.40	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0	
1909.....	42.5	20.40	48	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0	
1910.....	42.5	20.40	48	100.0	100.0	100.0	62.5	27.50	44	111.0	111.1	100.0	
1911.....	50.0	22.00	44	117.6	107.8	91.7	62.5	27.50	44	111.0	111.1	100.0	
1912.....	52.5	23.10	44	123.5	113.2	91.7	62.5	27.50	44	111.0	111.1	100.0	
1913.....	55.0	24.20	44	129.4	118.6	91.7	62.5	27.50	44	111.0	111.1	100.0	
1914.....	56.3	24.75	44	132.5	121.3	91.7	68.8	30.25	44	122.2	122.2	100.0	
1915.....	58.1	25.58	44	136.7	125.4	91.7	71.9	31.63	44	127.7	127.8	100.0	
1916.....	58.1	25.58	44	136.7	125.4	91.7	75.0	33.00	44	133.2	133.3	100.0	
1917.....	65.0	28.60	44	152.9	140.2	91.7	75.0	33.00	44	133.3	133.2	100.0	
1918.....	67.5	29.70	44	158.8	145.6	91.7	75.0	33.00	44	133.2	133.3	100.0	
1919.....	87.5	38.50	44	205.9	188.7	91.7	85.0	37.40	44	151.0	151.1	100.0	
1920.....	112.5	49.50	44	264.7	242.6	91.7	115.0	50.60	44	204.3	204.4	100.0	
1921.....	112.5	49.50	44	264.7	242.6	91.7	125.0	55.00	44	222.0	222.2	100.0	
1922.....	100.0	44.00	44	235.3	215.7	91.7	112.5	49.50	44	199.8	200.0	100.0	
1923.....	125.0	55.00	44	294.1	269.6	91.7	137.5	60.50	44	244.2	244.4	100.0	
1924.....	137.5	60.50	44	323.5	269.6	91.7	154.3	68.75	44	277.6	277.8	100.0	
1925.....	143.8	63.25	44	338.4	310.0	91.7	156.3	68.75	44	277.6	277.8	100.0	
1926.....	150.0	66.00	44	352.9	323.5	91.7	166.3	66.50	40	295.4	268.7	90.9	
1927.....	150.0	66.00	44	352.9	323.5	91.7	166.3	66.50	40	295.4	268.7	90.9	
1928.....	150.0	66.00	44	352.9	323.5	91.7	166.3	66.50	40	295.4	268.7	90.9	
1929.....	150.0	66.00	44	352.9	323.5	91.7	166.3	66.50	40	295.4	268.7	90.9	
1930.....	150.0	66.00	44	352.9	323.5	91.7	166.3	66.50	40	295.4	268.7	90.9	

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

PITTSBURGH, PA.—Continued

Year	Plumbers and gas fitters						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	42.5	\$20.40	48	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	43.8	21.00	48	103.1	102.9	100.0
1909.....	56.3	27.00	48	112.6	112.5	100.0	43.8	21.00	48	103.1	102.9	100.0
1910.....	56.3	27.00	48	112.6	112.5	100.0	43.8	21.00	48	103.1	102.9	100.0
1911.....	56.3	27.00	48	112.6	112.5	100.0	43.8	21.00	48	103.1	102.9	100.0
1912.....	62.5	30.00	48	125.0	125.0	100.0	45.0	21.60	48	105.9	105.9	100.0
1913.....	62.5	27.50	44	125.0	114.6	91.7	46.9	22.50	48	110.4	110.3	100.0
1914.....	62.5	27.50	44	125.0	114.6	91.7	46.9	22.50	48	110.4	110.3	100.0
1915.....	68.8	30.25	44	137.6	126.0	91.7	46.9	22.50	48	110.4	110.3	100.0
1916.....	68.8	30.25	44	137.6	126.0	91.7	48.4	23.25	48	113.9	114.0	100.0
1917.....	75.0	33.00	44	150.0	137.5	91.7	50.0	24.00	48	117.6	117.6	100.0
1918.....	75.0	33.00	44	150.0	137.5	91.7	50.0	24.00	48	117.6	117.6	100.0
1919.....	93.8	41.25	44	187.6	171.9	91.7	54.2	26.00	48	127.5	127.5	100.0
1920.....	106.3	46.75	44	212.6	194.8	91.7	72.9	35.00	48	171.5	171.6	100.0
1921.....	125.0	55.00	44	250.0	229.2	91.7	87.5	42.00	48	205.9	205.9	100.0
1922.....	112.5	49.50	44	225.0	206.3	91.7	87.5	42.00	48	205.9	205.9	100.0
1923.....	115.6	50.88	44	231.2	212.0	91.7	90.6	43.50	48	213.2	213.2	100.0
1924.....	137.5	60.50	44	275.0	252.1	91.7	102.2	46.00	45	240.5	225.5	93.8
1925.....	143.8	63.25	44	287.6	263.5	91.7	102.2	46.00	45	240.5	225.5	93.8
1926.....	150.0	66.00	44	300.0	275.0	91.7	106.7	48.00	45	251.1	235.3	93.8
1927.....	150.0	66.00	44	300.0	275.0	91.7	107.8	48.50	45	253.6	237.7	93.8
1928.....	156.3	68.75	44	312.6	286.5	91.7	107.8	48.50	45	253.6	237.7	93.8
1929.....	156.3	68.75	44	312.6	286.5	91.7	111.1	50.00	45	261.4	245.1	93.8
1930.....	162.5	65.00	40	325.0	270.8	83.3	111.1	50.00	45	261.4	245.1	93.8
	Structural-iron workers											
1907.....	50.0	\$24.00	48	100.0	100.0	100.0						
1908.....	56.3	27.00	48	112.6	112.5	100.0						
1909.....	56.3	27.00	48	112.6	112.5	100.0						
1910.....	56.3	27.00	48	112.6	112.5	100.0						
1911.....	56.3	27.00	48	112.6	112.5	100.0						
1912.....	56.3	24.75	44	112.6	103.1	91.7						
1913.....	62.5	27.50	44	125.0	114.6	91.7						
1914.....	62.5	27.50	44	125.0	114.6	91.7						
1915.....	62.5	27.50	44	125.0	114.6	91.7						
1916.....	62.5	27.50	44	125.0	114.6	91.7						
1917.....	70.0	30.80	44	140.0	128.3	91.7						
1918.....	87.5	38.50	44	175.0	160.4	91.7						
1919.....	100.0	44.00	44	200.0	183.3	91.7						
1920.....	100.0	44.00	44	200.0	183.3	91.7						
1921.....	125.0	55.00	44	250.0	229.2	91.7						
1922.....	100.0	44.00	44	200.0	183.3	91.7						
1923.....	125.0	55.00	44	250.0	229.2	91.7						
1924.....	137.5	60.50	44	275.0	252.1	91.7						
1925.....	143.8	63.25	44	287.6	263.5	91.7						
1926.....	150.0	66.00	44	300.0	275.0	91.7						
1927.....	150.0	66.00	44	300.0	275.0	91.7						
1928.....	150.0	66.00	44	300.0	275.0	91.7						
1929.....	150.0	66.00	44	300.0	275.0	91.7						
1930.....	150.0	66.00	44	300.0	275.0	91.7						

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ST. LOUIS, MO.

Year	Bricklayers						Carpenters						
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—			
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	
	<i>Cents</i>						<i>Cents</i>						
1907.....	65.0	\$28.60	44	100.0	100.0	100.0	55.0	\$24.20	44	100.0	100.0	100.0	
1908.....	65.0	28.60	44	100.0	100.0	100.0	55.0	24.20	44	100.0	100.0	100.0	
1909.....	65.0	28.60	44	100.0	100.0	100.0	60.0	28.40	44	109.1	109.1	100.0	
1910.....	70.0	30.80	44	107.7	107.7	100.0	60.0	28.40	44	109.1	109.1	100.0	
1911.....	70.0	30.80	44	107.7	107.7	100.0	62.5	27.50	44	113.6	113.6	100.0	
1912.....	70.0	30.80	44	107.7	107.7	100.0	62.5	27.50	44	113.6	113.6	100.0	
1913.....	70.0	30.80	44	107.7	107.7	100.0	62.5	27.50	44	113.6	113.6	100.0	
1914.....	75.0	33.00	44	115.4	115.4	100.0	62.5	27.50	44	113.6	113.6	100.0	
1915.....	75.0	33.00	44	115.4	115.4	100.0	62.5	27.50	44	113.6	113.6	100.0	
1916.....	75.0	33.00	44	115.4	115.4	100.0	62.5	27.50	44	113.6	113.6	100.0	
1917.....	75.0	33.00	44	115.4	115.4	100.0	65.0	28.60	44	118.2	118.2	100.0	
1918.....	85.0	37.40	44	130.8	130.8	100.0	70.0	30.80	44	127.3	127.3	100.0	
1919.....	100.0	44.00	44	153.8	153.8	100.0	82.5	36.30	44	150.0	150.0	100.0	
1920.....	125.0	55.00	44	192.3	192.3	100.0	100.0	44.00	44	181.8	181.8	100.0	
1921.....	125.0	55.00	44	192.3	192.3	100.0	125.0	55.00	44	227.3	227.3	100.0	
1922.....	125.0	55.00	44	192.3	192.3	100.0	110.0	48.40	44	200.0	200.0	100.0	
1923.....	150.0	66.00	44	230.8	230.8	100.0	125.0	55.00	44	227.3	227.3	100.0	
1924.....	175.0	77.00	44	269.2	269.2	100.0	150.0	66.00	44	272.7	272.7	100.0	
1925.....	175.0	77.00	44	269.2	269.2	100.0	150.0	66.00	44	272.7	272.7	100.0	
1926.....	175.0	77.00	44	269.2	269.2	100.0	150.0	66.00	44	272.7	272.7	100.0	
1927.....	175.0	77.00	44	269.2	269.2	100.0	150.0	66.00	44	272.7	272.7	100.0	
1928.....	175.0	77.00	44	269.2	269.2	100.0	150.0	60.00	40	272.7	247.9	90.9	
1929.....	175.0	77.00	44	269.2	269.2	100.0	150.0	60.00	40	272.7	247.9	90.9	
1930.....	175.0	77.00	44	269.2	269.2	100.0	150.0	60.00	40	272.7	247.9	90.9	
	Cement finishers						Compositors, book and job						
1907.....	57.5	\$25.30	44	100.0	100.0	100.0	38.0	\$18.24	48	100.0	100.0	100.0	
1908.....	57.5	25.30	44	100.0	100.0	100.0	38.0	18.24	48	100.0	100.0	100.0	
1909.....	57.5	25.30	44	100.0	100.0	100.0	38.0	18.24	48	100.0	100.0	100.0	
1910.....	62.5	27.50	44	108.7	108.7	100.0	41.7	20.00	48	109.7	109.6	100.0	
1911.....	62.5	27.50	44	108.7	108.7	100.0	42.7	20.50	48	112.4	112.4	100.0	
1912.....	62.5	27.50	44	108.7	108.7	100.0	43.8	21.00	48	115.3	115.1	100.0	
1913.....	60.0	26.40	44	104.3	104.3	100.0	43.8	21.00	48	115.3	115.1	100.0	
1914.....	60.0	26.40	44	104.3	104.3	100.0	43.8	21.00	48	115.3	115.1	100.0	
1915.....	60.0	26.40	44	104.3	104.3	100.0	43.8	21.00	48	115.3	115.1	100.0	
1916.....	62.5	27.50	44	108.7	108.7	100.0	45.8	22.00	48	120.5	120.6	100.0	
1917.....	63.2	27.50	44	108.7	108.7	100.0	47.9	23.00	48	126.1	126.1	100.0	
1918.....	75.0	33.00	44	130.4	130.4	100.0	52.7	25.30	48	138.7	138.7	100.0	
1919.....	82.5	36.30	44	143.5	143.5	100.0	52.7	25.30	48	138.7	138.7	100.0	
1920.....	125.0	55.00	44	217.4	217.4	100.0	79.2	38.00	48	208.4	208.3	100.0	
1921.....	125.0	55.00	44	217.4	217.4	100.0	92.8	40.81	44	244.2	223.7	91.7	
1922.....	100.0	44.00	44	173.9	173.9	100.0	92.8	40.81	44	244.2	223.7	91.7	
1923.....	125.0	55.00	44	217.4	217.4	100.0	92.8	40.81	44	244.2	223.7	91.7	
1924.....	150.0	66.00	44	260.9	260.9	100.0	98.0	43.12	44	257.9	236.4	91.7	
1925.....	150.0	66.00	44	260.9	260.9	100.0	98.0	43.12	44	257.9	236.4	91.7	
1926.....	150.0	66.00	44	260.9	260.9	100.0	98.0	43.12	44	257.9	236.4	91.7	
1927.....	150.0	66.00	44	260.9	260.9	100.0	103.0	45.32	44	271.1	248.5	91.7	
1928.....	150.0	60.00	40	260.9	237.2	90.9	103.0	45.32	44	271.1	248.5	91.7	
1929.....	150.0	60.00	40	260.9	237.2	90.9	103.0	45.32	44	271.1	248.5	91.7	
1930.....	157.5	63.00	40	273.9	249.0	90.9	103.0	45.32	44	271.1	248.5	91.7	

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ST. LOUIS, MO.—Continued

Year	Compositors, newspaper, day work						Electrotypers: Finishers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907	<i>Cents</i> 50.5	\$23.25	46	100.0	100.0	100.0	<i>Cents</i> 39.0	\$19.50	50	100.0	100.0	100.0
1908	50.5	23.25	46	100.0	100.0	100.0	42.0	21.00	50	107.7	107.7	100.0
1909	50.5	23.25	46	100.0	100.0	100.0	42.0	21.00	50	107.7	107.7	100.0
1910	50.5	23.25	46	100.0	100.0	100.0	42.0	21.00	50	107.7	107.7	100.0
1911	50.5	23.25	46	100.0	100.0	100.0	42.0	21.00	50	107.7	107.7	100.0
1912	58.7	27.00	46	116.2	116.1	100.0	42.0	21.00	50	107.7	107.7	100.0
1913	58.7	27.00	46	116.2	116.1	100.0	45.8	22.00	48	117.4	112.8	96.0
1914	58.7	27.00	46	116.2	116.1	100.0	45.8	22.00	48	117.4	112.8	96.0
1915	58.7	27.00	46	116.2	116.1	100.0	45.8	22.00	48	117.4	112.8	96.0
1916	58.7	27.00	46	116.2	116.1	100.0	45.8	22.00	48	117.4	112.8	96.0
1917	63.4	29.16	46	125.5	125.4	100.0	47.9	23.00	48	122.8	117.9	96.0
1918	63.4	29.16	46	125.5	125.4	100.0	55.0	26.40	48	141.0	135.4	96.0
1919	63.4	29.16	46	125.5	125.4	100.0	55.0	26.40	48	141.0	135.4	96.0
1920	91.3	42.00	46	180.8	180.6	100.0	85.4	41.00	48	219.0	210.3	96.0
1921	91.3	42.00	46	180.8	180.6	100.0	89.6	43.00	48	229.7	220.5	96.0
1922	91.3	42.00	46	180.8	180.6	100.0	89.6	43.00	48	229.7	220.5	96.0
1923	91.3	42.00	46	180.8	180.6	100.0	93.8	45.00	48	240.5	230.8	96.0
1924	102.2	47.00	46	202.4	202.2	100.0	102.2	47.00	46	262.1	241.0	92.0
1925	106.5	48.99	46	210.9	210.7	100.0	109.1	48.00	44	279.7	246.2	88.0
1926	110.9	51.00	46	219.6	219.4	100.0	111.4	49.00	44	285.6	251.3	88.0
1927	110.9	51.00	46	219.6	219.4	100.0	113.6	50.00	44	291.3	256.4	88.0
1928	114.1	52.50	46	225.9	225.8	100.0	113.6	50.00	44	291.3	256.4	88.0
1929	114.1	52.50	46	225.9	225.8	100.0	115.9	51.00	44	297.2	261.5	88.0
1930	120.7	55.50	46	239.0	238.7	100.0	118.2	52.00	44	303.1	266.7	88.0
	Electrotypers: Molders						Gas fitters					
1907	42.0	\$21.00	50	100.0	100.0	100.0	62.5	\$27.50	44	100.0	100.0	100.0
1908	42.0	21.00	50	100.0	100.0	100.0	66.3	29.15	44	106.0	106.0	100.0
1909	44.0	22.00	50	104.8	104.8	100.0	66.3	29.15	44	106.0	106.0	100.0
1910	44.0	22.00	50	104.8	104.8	100.0	66.3	29.15	44	106.0	106.0	100.0
1911	44.0	22.00	50	104.8	104.8	100.0	66.3	29.15	44	106.0	106.0	100.0
1912	44.0	22.00	50	104.8	104.8	100.0	66.3	29.15	44	106.0	106.0	100.0
1913	47.9	23.00	48	114.0	109.5	96.0	66.3	29.15	44	106.0	106.0	100.0
1914	47.9	23.00	48	114.0	109.5	96.0	75.0	33.00	44	120.0	120.0	100.0
1915	47.9	23.00	48	114.0	109.5	96.0	75.0	33.00	44	120.0	120.0	100.0
1916	47.9	23.00	48	114.0	109.5	96.0	75.0	33.00	44	120.0	120.0	100.0
1917	50.0	24.00	48	119.0	114.3	96.0	75.0	33.00	44	120.0	120.0	100.0
1918	57.3	27.50	48	136.4	131.0	96.0	75.0	33.00	44	120.0	120.0	100.0
1919	57.3	27.50	48	136.4	131.0	96.0	75.0	33.00	44	120.0	120.0	100.0
1920	85.4	41.00	48	203.3	195.2	96.0	100.0	44.00	44	160.0	160.0	100.0
1921	89.6	43.00	48	213.3	204.8	96.0	100.0	44.00	44	160.0	160.0	100.0
1922	89.6	43.00	48	213.3	204.8	96.0	100.0	44.00	44	160.0	160.0	100.0
1923	93.8	45.00	48	223.3	214.3	96.0	125.0	55.00	44	200.0	200.0	100.0
1924	102.2	47.00	46	243.3	223.8	92.0	150.0	66.00	44	240.0	240.0	100.0
1925	109.1	48.00	44	259.8	228.6	88.0	150.0	66.00	44	240.0	240.0	100.0
1926	111.4	49.00	44	265.2	233.3	88.0	150.0	66.00	44	240.0	240.0	100.0
1927	113.6	50.00	44	270.5	238.1	88.0	150.0	66.00	44	240.0	240.0	100.0
1928	113.6	50.00	44	270.5	238.1	88.0	150.0	66.00	44	240.0	240.0	100.0
1929	115.9	51.00	44	276.0	242.9	88.0	162.5	65.00	40	260.0	236.4	90.9
1930	118.2	52.00	44	281.4	247.6	88.0	162.5	65.00	40	260.0	236.4	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ST. LOUIS, MO.—Continued

Year	Granite cutters, inside						Granite cutters, outside					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	50.0	\$22.00	44	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908	50.0	22.00	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909	50.0	22.00	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910	50.0	22.00	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1911	50.0	22.00	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1912	50.0	22.00	44	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1913	50.0	22.00	44	100.0	100.0	100.0	60.0	26.40	44	106.6	106.7	100.0
1914	50.0	22.00	44	100.0	100.0	100.0	60.0	26.40	44	106.6	106.7	100.0
1915	50.0	22.00	44	100.0	100.0	100.0	60.0	26.40	44	106.6	106.7	100.0
1916	50.0	22.00	44	100.0	100.0	100.0	60.0	26.40	44	106.6	106.7	100.0
1917	50.0	22.00	44	100.0	100.0	100.0	60.0	26.40	44	106.6	106.7	100.0
1918	60.0	26.40	44	120.0	120.0	100.0	70.0	30.80	44	124.3	124.4	100.0
1919	75.0	33.00	44	150.0	150.0	100.0	87.5	38.50	44	155.4	155.6	100.0
1920	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	199.8	200.0	100.0
1921	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	199.8	200.0	100.0
1922	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	199.8	200.0	100.0
1923	100.0	44.00	44	200.0	200.0	100.0	112.5	49.50	44	199.8	200.0	100.0
1924	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1925	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1926	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1927	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1928	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1929	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
1930	112.5	49.50	44	225.0	225.0	100.0	125.0	55.00	44	222.0	222.2	100.0
	Hod carriers, brick men						Hod carriers, mortar men					
1907	37.5	\$16.50	44	100.0	100.0	100.0	40.0	\$17.60	44	100.0	100.0	100.0
1908	37.5	16.50	44	100.0	100.0	100.0	40.0	17.60	44	100.0	100.0	100.0
1909	37.5	16.50	44	100.0	100.0	100.0	40.0	17.60	44	100.0	100.0	100.0
1910	37.5	16.50	44	100.0	100.0	100.0	40.0	17.60	44	100.0	100.0	100.0
1911	42.5	18.70	44	113.3	113.3	100.0	45.0	19.80	44	112.5	112.5	100.0
1912	42.5	18.70	44	113.3	113.3	100.0	45.0	19.80	44	112.5	112.5	100.0
1913	42.5	18.70	44	113.3	113.3	100.0	45.0	19.80	44	112.5	112.5	100.0
1914	47.5	20.90	44	126.7	126.7	100.0	50.0	22.00	44	125.0	125.0	100.0
1915	47.5	20.90	44	126.7	126.7	100.0	50.0	22.00	44	125.0	125.0	100.0
1916	47.5	20.90	44	126.7	126.7	100.0	50.0	22.00	44	125.0	125.0	100.0
1917	47.5	20.90	44	126.7	126.7	100.0	50.0	22.00	44	125.0	125.0	100.0
1918	55.0	24.20	44	146.7	146.7	100.0	55.0	24.20	44	137.5	137.5	100.0
1919	65.0	28.60	44	173.3	173.3	100.0	65.0	28.60	44	162.5	162.5	100.0
1920	70.0	30.80	44	186.7	186.7	100.0	70.0	30.80	44	175.0	175.0	100.0
1921	85.0	37.40	44	226.7	226.7	100.0	85.0	37.40	44	212.5	212.5	100.0
1922	85.0	37.40	44	226.7	226.7	100.0	85.0	37.40	44	212.5	212.5	100.0
1923	100.0	44.00	44	266.7	266.7	100.0	100.0	44.00	44	250.0	250.0	100.0
1924	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1925	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1926	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1927	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1928	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1929	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0
1930	115.0	50.60	44	306.7	306.7	100.0	115.0	50.60	44	287.5	287.5	100.0

* Full holiday on Saturday, Nov. 15 to Apr. 15, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ST. LOUIS, MO.—Continued

Year	Machine operators, book and job						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	50.0	\$22.00	44	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1909.....	50.0	24.00	48	100.0	100.0	100.0	50.0	22.00	44	100.0	100.0	100.0
1910.....	50.0	24.00	48	100.0	100.0	100.0	52.5	23.10	44	105.0	105.0	100.0
1911.....	50.0	24.00	48	100.0	100.0	100.0	55.0	24.20	44	110.0	110.0	100.0
1912.....	50.0	24.00	48	100.0	100.0	100.0	55.0	24.20	44	110.0	110.0	100.0
1913.....	50.0	24.00	48	100.0	100.0	100.0	57.5	25.30	44	115.0	115.0	100.0
1914.....	50.0	24.00	48	100.0	100.0	100.0	60.0	26.40	44	120.0	120.0	100.0
1915.....	50.0	24.00	48	100.0	100.0	100.0	62.5	27.50	44	125.0	125.0	100.0
1916.....	52.1	25.00	48	104.2	104.2	100.0	62.5	27.50	44	125.0	125.0	100.0
1917.....	54.2	26.00	48	108.4	108.3	100.0	62.5	27.50	44	125.0	125.0	100.0
1918.....	59.6	28.60	48	119.2	119.2	100.0	75.0	33.00	44	150.0	150.0	100.0
1919.....	63.8	30.60	48	127.6	127.5	100.0	75.0	33.00	44	150.0	150.0	100.0
1920.....	87.5	42.00	48	175.0	175.0	100.0	100.0	44.00	44	200.0	200.0	100.0
1921.....	101.0	44.44	44	202.0	185.2	91.7	125.0	55.00	44	250.0	250.0	100.0
1922.....	101.0	44.44	44	202.0	185.2	91.7	100.0	44.00	44	200.0	200.0	100.0
1923.....	101.0	44.44	44	202.0	185.2	91.7	112.5	49.50	44	225.0	225.0	100.0
1924.....	106.0	46.64	44	212.0	194.3	91.7	130.0	57.20	44	260.0	260.0	100.0
1925.....	106.0	46.64	44	212.0	194.3	91.7	130.0	57.20	44	260.0	260.0	100.0
1926.....	106.0	46.64	44	212.0	194.3	91.7	135.0	59.40	44	270.0	270.0	100.0
1927.....	111.0	48.84	44	222.0	203.5	91.7	143.8	63.25	44	287.6	287.5	100.0
1928.....	111.0	48.84	44	222.0	203.5	91.7	143.8	63.25	44	287.6	287.5	100.0
1929.....	111.0	48.84	44	222.0	203.5	91.7	143.8	57.50	40	287.6	261.4	90.9
1930.....	111.0	48.84	44	222.0	203.5	91.7	150.0	60.00	40	300.0	272.7	90.9
	Plasterers						Plasterers' laborers					
1907.....	75.0	\$33.00	44	100.0	100.0	100.0	45.0	\$19.80	44	100.0	100.0	100.0
1908.....	75.0	33.00	44	100.0	100.0	100.0	45.0	19.80	44	100.0	100.0	100.0
1909.....	75.0	33.00	44	100.0	100.0	100.0	45.0	19.80	44	100.0	100.0	100.0
1910.....	75.0	33.00	44	100.0	100.0	100.0	45.0	19.80	44	100.0	100.0	100.0
1911.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1912.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1913.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1914.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1915.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1916.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1917.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	125.1	125.0	100.0
1918.....	87.5	38.50	44	116.7	116.7	100.0	62.5	27.50	44	138.9	138.9	100.0
1919.....	100.0	44.00	44	133.3	133.3	100.0	75.0	33.00	44	166.7	166.7	100.0
1920.....	125.0	55.00	44	166.7	166.7	100.0	87.5	38.50	44	194.4	194.4	100.0
1921.....	137.5	60.50	44	183.3	183.3	100.0	100.0	44.00	44	222.2	222.2	100.0
1922.....	137.5	60.50	44	183.3	183.3	100.0	100.0	44.00	44	222.2	222.2	100.0
1923.....	150.0	66.00	44	200.0	200.0	100.0	112.5	49.50	44	250.0	250.0	100.0
1924.....	175.0	77.00	44	233.3	233.3	100.0	125.0	55.00	44	277.8	277.8	100.0
1925.....	175.0	77.00	44	233.3	233.3	100.0	125.0	55.00	44	277.8	277.8	100.0
1926.....	175.0	77.00	44	233.3	233.3	100.0	125.0	55.00	44	277.8	277.8	100.0
1927.....	175.0	77.00	44	233.3	233.3	100.0	125.0	55.00	44	277.8	277.8	100.0
1928.....	175.0	70.00	40	233.3	212.1	90.9	125.0	50.00	40	277.8	252.5	90.9
1929.....	175.0	70.00	40	233.3	212.1	90.9	125.0	50.00	40	277.8	252.5	90.9
1930.....	175.0	70.00	40	233.3	212.1	90.9	125.0	50.00	40	277.8	252.5	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

ST. LOUIS, MO.—Continued

Year	Plumbers						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	46.9	\$22.50	48	100.0	100.0	100.0
1908.....	66.3	29.15	44	100.1	106.0	100.0	46.9	22.50	48	100.0	100.0	100.0
1909.....	66.3	29.15	44	100.1	100.0	100.0	50.0	24.00	48	106.6	106.7	100.0
1910.....	66.3	29.15	44	100.1	106.0	100.0	50.0	24.00	48	106.6	106.7	100.0
1911.....	66.3	29.15	44	100.1	106.0	100.0	50.0	24.00	48	106.6	106.7	100.0
1912.....	66.3	29.15	44	100.1	106.0	100.0	50.0	24.00	48	106.6	106.7	100.0
1913.....	66.3	29.15	44	106.1	106.0	100.0	53.8	25.80	48	114.7	114.7	100.0
1914.....	75.0	33.00	44	120.0	120.0	100.0	53.8	25.80	48	114.7	114.7	100.0
1915.....	75.0	33.00	44	120.0	120.0	100.0	53.8	25.80	48	114.7	114.7	100.0
1916.....	75.0	33.00	44	120.0	120.0	100.0	57.5	27.60	48	122.6	122.7	100.0
1917.....	75.0	33.00	44	100.0	120.0	100.0	57.5	27.60	48	122.6	122.7	100.0
1918.....	81.3	35.75	44	100.1	130.0	100.0	62.5	30.00	48	133.3	133.3	100.0
1919.....	100.0	44.00	44	160.0	100.0	100.0	66.9	32.10	48	142.6	142.7	100.0
1920.....	125.0	55.00	44	200.0	200.0	100.0	79.8	38.28	48	170.1	170.1	100.0
1921.....	125.0	55.00	44	200.0	200.0	100.0	86.1	41.31	48	183.6	183.6	100.0
1922.....	125.0	55.00	44	200.0	200.0	100.0	86.1	41.31	48	183.6	183.6	100.0
1923.....	125.0	55.00	44	200.0	200.0	100.0	87.5	42.00	48	186.6	186.7	100.0
1924.....	150.0	66.00	44	240.0	240.0	100.0	96.9	46.50	48	206.6	206.7	100.0
1925.....	150.0	66.00	44	240.0	240.0	100.0	103.1	49.50	48	219.8	220.0	100.0
1926.....	150.0	66.00	44	240.0	240.0	100.0	103.1	49.50	48	219.8	220.0	100.0
1927.....	150.0	66.00	44	240.0	240.0	100.0	103.1	49.50	48	219.8	220.0	100.0
1928.....	150.0	66.00	44	240.0	240.0	100.0	107.3	51.50	48	228.8	228.9	100.0
1929.....	162.5	65.00	40	260.0	236.4	90.9	107.3	51.50	48	228.8	228.9	100.0
1930.....	162.5	65.00	40	260.0	236.4	90.9	107.3	51.50	48	228.8	228.9	100.0
	Stonecutters						Structural-iron workers					
1907.....	56.3	\$24.75	44	100.0	100.0	100.0	60.0	\$26.40	44	100.0	100.0	100.0
1908.....	56.3	24.75	44	100.0	100.0	100.0	60.0	26.40	44	100.0	100.0	100.0
1909.....	56.3	24.75	44	100.0	100.0	100.0	60.0	26.40	44	100.0	100.0	100.0
1910.....	56.3	24.75	44	100.0	100.0	100.0	60.0	26.40	44	100.0	100.0	100.0
1911.....	56.3	24.75	44	100.0	100.0	100.0	65.0	28.60	44	108.3	108.3	100.0
1912.....	56.3	24.75	44	100.0	100.0	100.0	65.0	28.60	44	108.3	108.3	100.0
1913.....	56.3	24.75	44	100.0	100.0	100.0	65.0	28.60	44	108.3	108.3	100.0
1914.....	62.5	27.50	44	111.0	111.1	100.0	65.0	28.60	44	108.3	108.3	100.0
1915.....	62.5	27.50	44	111.0	111.1	100.0	65.0	28.60	44	108.3	108.3	100.0
1916.....	62.5	27.50	44	111.0	111.1	100.0	67.5	29.70	44	112.5	112.5	100.0
1917.....	62.5	27.50	44	111.0	111.1	100.0	70.0	30.80	44	116.7	116.7	100.0
1918.....	70.0	30.80	44	124.3	124.4	100.0	80.0	35.20	44	133.3	133.3	100.0
1919.....	85.0	37.40	44	151.0	151.1	100.0	92.5	40.70	44	154.2	154.2	100.0
1920.....	100.0	44.00	44	177.6	177.8	100.0	125.0	55.00	44	208.3	208.3	100.0
1921.....	100.0	44.00	44	177.6	177.8	100.0	125.0	55.00	44	208.3	208.3	100.0
1922.....	100.0	44.00	44	177.6	177.8	100.0	106.3	46.75	44	177.2	177.1	100.0
1923.....	112.5	49.50	44	199.8	200.0	100.0	125.0	55.00	44	208.3	208.3	100.0
1924.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	44	250.0	250.0	100.0
1925.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	44	250.0	250.0	100.0
1926.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	44	250.0	250.0	100.0
1927.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	44	250.0	250.0	100.0
1928.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	44	250.0	250.0	100.0
1929.....	125.0	55.00	44	222.0	222.2	100.0	150.0	66.00	40	250.0	227.3	90.9
1930.....	125.0	55.00	44	222.0	222.2	100.0	175.0	70.00	40	291.7	265.2	90.9

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SAN FRANCISCO, CALIF.

Year	Bricklayers						Carpenters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	87.5	\$38.50	44	100.0	100.0	100.0	62.5	\$27.50	44	100.0	100.0	100.0
1908	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1909	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1910	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1911	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1912	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1913	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1914	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1915	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1916	87.5	38.50	44	100.0	100.0	100.0	62.5	27.50	44	100.0	100.0	100.0
1917	87.5	38.50	44	100.0	100.0	100.0	68.8	30.25	44	110.1	110.0	100.0
1918	100.0	44.00	44	114.3	114.3	100.0	75.0	33.00	44	120.0	120.0	100.0
1919	112.5	49.50	44	128.6	128.6	100.0	87.5	38.50	44	140.0	140.0	100.0
1920	125.0	55.00	44	142.9	142.9	100.0	106.3	46.75	44	170.1	170.0	100.0
1921	125.0	55.00	44	142.9	142.9	100.0	112.5	49.50	44	180.0	180.0	100.0
1922	125.0	55.00	44	142.9	142.9	100.0	104.4	45.93	44	167.0	167.0	100.0
1923	137.5	60.50	44	157.1	157.1	100.0	104.4	45.93	44	167.0	167.0	100.0
1924	137.5	60.50	44	157.1	157.1	100.0	104.4	45.93	44	167.0	167.0	100.0
1925	137.5	60.50	44	157.1	157.1	100.0	104.4	45.93	44	167.0	167.0	100.0
1926	137.5	60.50	44	157.1	157.1	100.0	112.5	49.50	44	180.0	180.0	100.0
1927	137.5	60.50	44	157.1	157.1	100.0	112.5	49.50	44	180.0	180.0	100.0
1928	137.5	60.50	44	157.1	157.1	100.0	112.5	49.50	44	180.0	180.0	100.0
1929	137.5	60.50	44	157.1	157.1	100.0	112.5	49.50	44	180.0	180.0	100.0
1930	137.5	55.00	40	157.1	142.9	90.9	112.5	45.00	40	180.0	163.6	90.9
	Cement finishers						Compositors, book and job					
1907	75.0	\$36.00	48	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1909	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1910	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1911	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1912	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1913	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1914	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1915	75.0	33.00	44	100.0	91.7	91.7	50.0	24.00	48	100.0	100.0	100.0
1916	75.0	33.00	44	100.0	91.7	91.7	52.6	25.25	48	105.2	105.2	100.0
1917	75.0	33.00	44	100.0	91.7	91.7	54.2	26.00	48	108.4	108.3	100.0
1918	87.5	38.50	44	116.7	106.9	91.7	58.3	28.00	48	116.6	116.7	100.0
1919	100.0	44.00	44	133.3	122.2	91.7	62.5	30.00	48	125.0	125.0	100.0
1920	112.5	49.50	44	150.0	137.5	91.7	81.3	39.00	48	162.6	162.5	100.0
1921	112.5	49.50	44	150.0	137.5	91.7	104.5	46.00	44	209.0	191.7	91.7
1922	104.4	45.93	44	139.2	127.6	91.7	104.5	46.00	44	209.0	191.7	91.7
1923	112.5	49.50	44	150.0	137.5	91.7	104.5	46.00	44	209.0	191.7	91.7
1924	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1925	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1926	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1927	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1928	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1929	112.5	49.50	44	150.0	137.5	91.7	115.9	51.00	44	231.8	212.5	91.7
1930	112.5	45.00	40	150.0	125.0	83.3	118.2	52.00	44	236.4	216.7	91.7

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SAN FRANCISCO, CALIF.—Continued

Year	Compositors, newspaper, day work						Electrotypers: Finishers and molders					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	60.0	\$27.00	45	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	60.0	27.00	45	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1909	64.4	29.00	45	107.3	107.4	100.0	50.0	24.00	48	100.0	100.0	100.0
1910	64.4	29.00	45	107.3	107.4	100.0	50.0	24.00	48	100.0	100.0	100.0
1911	64.4	29.00	45	107.3	107.4	100.0	53.1	25.50	48	106.2	106.3	100.0
1912	64.4	29.00	45	107.3	107.4	100.0	56.3	27.00	48	112.6	112.5	100.0
1913	64.4	29.00	45	107.3	107.4	100.0	56.3	27.00	48	112.6	112.5	100.0
1914	64.4	29.00	45	107.3	107.4	100.0	56.3	27.00	48	112.6	112.5	100.0
1915	68.0	29.00	42	115.0	107.4	93.3	56.3	27.00	48	112.6	112.5	100.0
1916	68.0	29.00	42	115.0	107.4	93.3	56.3	27.00	48	112.6	112.5	100.0
1917	69.0	29.00	42	115.0	107.4	93.3	56.3	27.00	48	112.6	112.5	100.0
1918	68.9	31.00	45	114.8	114.8	100.0	62.5	30.00	48	125.0	125.0	100.0
1919	75.6	34.00	45	126.0	125.9	100.0	62.5	30.00	48	125.0	125.0	100.0
1920	83.3	42.00	45	155.5	155.6	100.0	79.2	38.00	48	158.4	158.3	100.0
1921	107.8	48.50	45	179.7	179.6	100.0	113.6	50.00	44	227.2	208.3	91.7
1922	107.8	48.50	45	179.7	179.6	100.0	113.6	50.00	44	227.2	208.3	91.7
1923	107.8	48.50	45	179.7	179.6	100.0	113.6	50.00	44	227.2	208.3	91.7
1924	107.8	48.50	45	179.7	179.6	100.0	113.6	50.00	44	227.2	208.3	91.7
1925	115.6	52.00	45	192.7	192.6	100.0	125.0	55.00	44	250.0	229.2	91.7
1926	115.6	52.00	45	192.7	192.6	100.0	125.0	55.00	44	250.0	229.2	91.7
1927	115.6	52.00	45	192.7	192.6	100.0	125.0	55.00	44	250.0	229.2	91.7
1928	120.0	54.00	45	200.0	200.0	100.0	125.0	55.00	44	250.0	229.2	91.7
1929	120.0	54.00	45	200.0	200.0	100.0	125.0	55.00	44	250.0	229.2	91.7
1930	120.0	54.00	45	200.0	200.0	100.0	125.0	55.00	44	250.0	229.2	91.7
	Hod carriers						Machine operators, newspaper, day work					
1907	50.0	\$22.00	44	100.0	100.0	100.0	60.0	\$27.00	45	100.0	100.0	100.0
1908	50.0	22.00	44	100.0	100.0	100.0	60.0	27.00	45	100.0	100.0	100.0
1909	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1910	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1911	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1912	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1913	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1914	50.0	22.00	44	100.0	100.0	100.0	64.4	29.00	45	107.3	107.4	100.0
1915	50.0	22.00	44	100.0	100.0	100.0	69.0	29.00	42	115.0	107.4	93.3
1916	50.0	22.00	44	100.0	100.0	100.0	69.0	29.00	42	115.0	107.4	93.3
1917	50.0	22.00	44	100.0	100.0	100.0	69.0	29.00	42	115.0	107.4	93.3
1918	62.5	27.50	44	125.0	125.0	100.0	65.9	31.00	45	114.8	114.8	100.0
1919	75.0	33.00	44	150.0	150.0	100.0	75.6	34.00	45	126.0	125.9	100.0
1920	93.8	41.25	44	187.5	187.5	100.0	93.3	42.00	45	155.5	155.6	100.0
1921	100.0	44.00	44	200.0	200.0	100.0	107.8	48.50	45	179.7	179.6	100.0
1922	71.3	33.00	46½	142.6	150.0	105.3	107.8	48.50	45	179.7	179.6	100.0
1923	77.2	35.75	46½	154.4	162.5	105.3	107.8	48.50	45	179.7	179.6	100.0
1924	77.2	35.75	46½	154.4	162.5	105.3	107.8	48.50	45	179.7	179.6	100.0
1925	87.5	38.50	44	175.0	175.0	100.0	115.6	52.00	45	192.7	192.6	100.0
1926	87.5	38.50	44	175.0	175.0	100.0	115.6	52.00	45	192.7	192.6	100.0
1927	87.5	38.50	44	175.0	175.0	100.0	115.6	52.00	45	192.7	192.6	100.0
1928	87.5	38.50	44	175.0	175.0	100.0	120.0	54.00	45	200.0	200.0	100.0
1929	87.5	38.50	44	175.0	175.0	100.0	120.0	54.00	45	200.0	200.0	100.0
1930	87.5	38.50	40	175.0	159.1	90.9	120.0	54.00	45	200.0	200.0	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 15 cities, May, 1907 to 1930—Con.

SAN FRANCISCO, CALIF.—Continued

Year	Painters						Plasterers					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	50.0	\$24.00	48	100.0	100.0	100.0	87.5	\$38.50	44	100.0	100.0	100.0
1908.....	50.0	24.00	48	100.0	100.0	100.0	87.5	38.50	44	100.0	100.0	100.0
1909.....	50.0	24.00	48	100.0	100.0	100.0	87.5	38.50	44	100.0	100.0	100.0
1910.....	56.3	24.75	44	112.6	103.1	91.7	87.5	38.50	44	100.0	100.0	100.0
1911.....	56.3	24.75	44	112.6	103.1	91.7	87.5	38.50	44	100.0	100.0	100.0
1912.....	56.3	24.75	44	112.6	103.1	91.7	87.5	38.50	44	100.0	100.0	100.0
1913.....	56.3	24.75	44	112.6	103.1	91.7	87.5	38.50	44	100.0	100.0	100.0
1914.....	59.4	26.13	44	118.8	108.9	91.7	87.5	38.50	44	100.0	100.0	100.0
1915.....	62.5	27.50	44	125.0	114.6	91.7	87.5	38.50	44	100.0	100.0	100.0
1916.....	62.5	27.50	44	125.0	114.6	91.7	87.5	35.00	40	100.0	90.9	90.9
1917.....	62.5	27.50	44	125.0	114.6	91.7	87.5	35.00	40	100.0	90.9	90.9
1918.....	75.0	33.00	44	150.0	137.5	91.7	100.0	40.00	40	114.3	103.9	90.9
1919.....	87.5	38.50	44	175.0	160.4	91.7	112.5	45.00	40	128.6	116.9	90.9
1920.....	106.3	46.75	44	212.6	194.8	91.7	125.0	50.00	40	142.9	129.9	90.9
1921.....	106.3	46.75	44	212.6	194.8	91.7	137.5	55.00	40	157.1	142.9	90.9
1922.....	100.0	44.00	44	200.0	183.3	91.7	127.5	56.10	44	145.7	145.7	100.0
1923.....	104.4	45.98	44	208.8	191.4	91.7	127.5	58.10	44	145.7	145.7	100.0
1924.....	104.4	45.98	44	208.8	191.4	91.7	127.5	58.10	44	145.7	145.7	100.0
1925.....	104.4	45.98	44	208.8	191.4	91.7	150.0	66.00	44	171.4	171.4	100.0
1926.....	104.4	45.98	44	208.8	191.4	91.7	150.0	66.00	44	171.4	171.4	100.0
1927.....	112.5	49.50	44	225.0	206.3	91.7	150.0	66.00	44	171.4	171.4	100.0
1928.....	112.5	49.50	44	225.0	206.3	91.7	150.0	66.00	44	171.4	171.4	100.0
1929.....	112.5	49.50	44	225.0	206.3	91.7	137.5	60.50	44	157.1	157.1	100.0
1930.....	112.5	45.00	40	225.0	187.5	83.3	137.5	55.00	40	157.1	142.9	90.9
	Plasterers' laborers						Stereotypers, newspaper, day work					
1907.....	62.5	\$27.50	44	100.0	100.0	100.0	53.3	\$24.00	45	100.0	100.0	100.0
1908.....	62.5	27.50	44	100.0	100.0	100.0	53.3	24.00	45	100.0	100.0	100.0
1909.....	62.5	27.50	44	100.0	100.0	100.0	60.0	27.00	45	112.6	112.5	100.0
1910.....	62.5	27.50	44	100.0	100.0	100.0	60.0	27.00	45	112.6	112.5	100.0
1911.....	62.5	27.50	44	100.0	100.0	100.0	60.0	27.00	45	112.6	112.5	100.0
1912.....	62.5	27.50	44	100.0	100.0	100.0	60.0	27.00	45	112.6	112.5	100.0
1913.....	62.5	27.50	44	100.0	100.0	100.0	60.0	27.00	45	112.6	112.5	100.0
1914.....	62.5	27.50	44	100.0	100.0	100.0	66.7	30.00	45	125.1	125.0	100.0
1915.....	62.5	27.50	44	100.0	100.0	100.0	66.7	30.00	45	125.1	125.0	100.0
1916.....	62.5	27.50	44	100.0	100.0	100.0	66.7	30.00	45	125.1	125.0	100.0
1917.....	62.5	27.50	44	100.0	100.0	100.0	66.7	30.00	45	125.1	125.0	100.0
1918.....	68.8	30.25	44	110.1	110.0	100.0	66.7	30.00	45	125.1	125.0	100.0
1919.....	87.5	38.50	44	140.0	140.0	100.0	73.3	33.00	45	137.5	137.5	100.0
1920.....	106.3	42.50	40	170.1	154.5	90.9	88.9	40.00	45	166.8	166.7	100.0
1921.....	112.5	45.00	40	190.0	163.6	90.9	103.3	46.50	45	193.8	193.8	100.0
1922.....	95.0	44.18	46 $\frac{1}{2}$	152.0	160.7	105.7	103.3	46.50	45	193.8	193.8	100.0
1923.....	83.2	38.67	46 $\frac{1}{2}$	133.1	140.6	105.7	100.0	45.00	45	187.6	187.5	100.0
1924.....	83.2	38.67	46 $\frac{1}{2}$	133.1	140.6	105.7	100.0	45.00	45	187.6	187.5	100.0
1925.....	100.0	44.00	44	160.0	160.0	100.0	103.3	46.50	45	193.8	193.8	100.0
1926.....	100.0	44.00	44	160.0	160.0	100.0	103.3	46.50	45	193.8	193.8	100.0
1927.....	100.0	44.00	44	160.0	160.0	100.0	104.4	47.00	45	195.9	195.8	100.0
1928.....	100.0	44.00	44	160.0	160.0	100.0	104.4	47.00	45	195.9	195.8	100.0
1929.....	100.0	44.00	44	160.0	160.0	100.0	108.9	49.00	45	204.3	204.2	100.0
1930.....	100.0	40.00	40	160.0	145.5	90.9	108.9	49.00	45	204.3	204.2	100.0

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SAN FRANCISCO, CALIF.—Continued

Year	Structural-iron workers											
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	62.5	\$30.00	48	100.0	100.0	100.0						
1908.....	62.5	27.50	44	100.0	91.7	91.7						
1909.....	62.5	27.50	44	100.0	91.7	91.7						
1910.....	62.5	27.50	44	100.0	91.7	91.7						
1911.....	62.5	27.50	44	100.0	91.7	91.7						
1912.....	62.5	27.50	44	100.0	91.7	91.7						
1913.....	75.0	33.00	44	120.0	110.0	91.7						
1914.....	75.0	33.00	44	120.0	110.0	91.7						
1915.....	75.0	33.00	44	120.0	110.0	91.7						
1916.....	75.0	33.00	44	120.0	110.0	91.7						
1917.....	75.0	33.00	44	120.0	110.0	91.7						
1918.....	87.5	38.50	44	140.0	128.3	91.7						
1919.....	100.0	44.00	44	160.0	146.7	91.7						
1920.....	112.5	49.50	44	180.0	165.0	91.7						
1921.....	125.0	55.00	44	200.0	183.3	91.7						
1922.....	112.5	49.50	44	180.0	165.0	91.7						
1923.....	112.5	49.50	44	180.0	165.0	91.7						
1924.....	125.0	55.00	44	200.0	183.3	91.7						
1925.....	125.0	55.00	44	200.0	183.3	91.7						
1926.....	125.0	55.00	44	200.0	183.3	91.7						
1927.....	137.5	60.50	44	220.0	201.7	91.7						
1928.....	137.5	60.50	44	220.0	201.7	91.7						
1929.....	137.5	60.50	44	220.0	201.7	91.7						
1930.....	137.5	55.00	40	220.0	183.3	83.3						

SEATTLE, WASH.

	Bricklayers						Carpenters					
	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week	Hours per full-time week	Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
1907.....	75.0	\$33.00	44	100.0	100.0	100.0	62.5	\$27.50	44	100.0	100.0	100.0
1908.....	75.0	33.00	44	100.0	100.0	100.0	60.0	22.00	44	80.0	80.0	100.0
1909.....	75.0	33.00	44	100.0	100.0	100.0	60.0	22.00	44	80.0	80.0	100.0
1910.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1911.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1912.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1913.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1914.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1915.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1916.....	75.0	33.00	44	100.0	100.0	100.0	56.3	24.75	44	90.1	90.0	100.0
1917.....	81.3	35.75	44	108.4	108.3	100.0	65.0	28.60	44	104.0	104.0	100.0
1918.....	100.0	44.00	44	133.3	133.3	100.0	82.5	36.30	44	132.0	132.0	100.0
1919.....	112.5	45.00	40	150.0	126.4	90.9	93.8	37.50	40	150.1	126.4	90.9
1920.....	125.0	50.00	40	166.7	151.5	90.9	100.0	44.00	44	160.0	160.0	100.0
1921.....	112.5	49.50	44	150.0	150.0	100.0	87.5	38.50	44	140.0	140.0	100.0
1922.....	112.5	49.50	44	150.0	150.0	100.0	87.5	38.50	44	140.0	140.0	100.0
1923.....	125.0	55.00	44	166.7	166.7	100.0	100.0	44.00	44	160.0	160.0	100.0
1924.....	137.5	60.50	44	183.3	183.3	100.0	100.0	44.00	44	160.0	160.0	100.0
1925.....	137.5	60.50	44	183.3	183.3	100.0	112.5	49.50	44	180.0	180.0	100.0
1926.....	137.5	60.50	44	183.3	183.3	100.0	112.5	49.50	44	180.0	180.0	100.0
1927.....	145.0	58.00	40	193.3	175.8	90.9	112.5	49.50	44	180.0	180.0	100.0
1928.....	150.0	60.00	40	200.0	181.8	90.9	112.5	45.00	40	180.0	163.6	90.9
1929.....	150.0	60.00	40	200.0	181.8	90.9	112.5	45.00	40	180.0	163.6	90.9
1930.....	150.0	60.00	40	200.0	181.8	90.9	112.5	45.00	40	180.0	163.6	90.9

* 44 hours, September to April, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SEATTLE, WASH.—Continued

Year	Cement finishers						Compositors, book and job					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907	62.5	\$30.00	48	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	62.5	30.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1909	62.5	30.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1910	62.5	30.00	48	100.0	100.0	100.0	50.0	24.00	48	100.0	100.0	100.0
1911	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1912	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1913	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1914	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1915	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1916	62.5	30.00	48	100.0	100.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1917	68.8	33.00	48	110.1	110.0	100.0	56.3	27.00	48	112.6	112.5	100.0
1918	81.3	39.00	48	130.1	130.0	100.0	59.4	28.50	48	118.8	118.8	100.0
1919	100.0	40.00	40	180.0	133.3	83.3	75.0	36.00	48	150.0	150.0	100.0
1920	112.5	45.00	40	180.0	180.0	83.3	87.5	42.00	48	175.0	175.0	100.0
1921	112.5	45.00	40	180.0	180.0	83.3	93.8	41.25	44	187.6	171.9	91.7
1922	100.0	44.00	44	180.0	146.7	91.7	93.8	41.25	44	187.6	171.9	91.7
1923	100.0	44.00	44	180.0	146.7	91.7	93.8	41.25	44	187.6	171.9	91.7
1924	112.5	49.50	44	180.0	165.0	91.7	93.8	41.25	44	187.6	171.9	91.7
1925	112.5	49.50	44	180.0	165.0	91.7	93.8	41.25	44	187.6	171.9	91.7
1926	112.5	49.50	44	180.0	165.0	91.7	93.8	41.25	44	187.6	171.9	91.7
1927	112.5	49.50	44	180.0	165.0	91.7	100.0	44.00	44	200.0	183.3	91.7
1928	112.5	49.50	44	180.0	165.0	91.7	100.0	44.00	44	200.0	183.3	91.7
1929	112.5	49.50	44	180.0	165.0	91.7	100.0	44.00	44	200.0	183.3	91.7
1930	112.5	49.50	44	180.0	165.0	91.7	100.0	44.00	44	200.0	183.3	91.7
	Compositors, newspaper, day work						Granite cutters, inside					
1907	64.3	\$27.00	42	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908	64.3	27.00	42	100.0	100.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1909	64.3	27.00	42	100.0	100.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1910	64.3	27.00	42	100.0	100.0	100.0	62.5	27.50	44	111.0	111.1	100.0
1911	71.4	30.00	42	111.0	111.1	100.0	62.5	27.50	44	111.0	111.1	100.0
1912	71.4	30.00	42	111.0	111.1	100.0	62.5	27.50	44	111.0	111.1	100.0
1913	75.0	31.50	42	116.6	116.7	100.0	62.5	27.50	44	111.0	111.1	100.0
1914	75.0	31.50	42	116.6	116.7	100.0	62.5	27.50	44	111.0	111.1	100.0
1915	75.0	31.50	42	116.6	116.7	100.0	62.5	27.50	44	111.0	111.1	100.0
1916	75.0	31.50	42	116.6	116.7	100.0	62.5	27.50	44	111.0	111.1	100.0
1917	78.6	33.00	42	122.2	122.2	100.0	62.5	27.50	44	111.0	111.1	100.0
1918	80.1	33.66	42	124.6	124.7	100.0	75.0	33.00	44	133.2	133.3	100.0
1919	100.0	42.00	42	155.5	155.6	100.0	87.5	38.50	44	155.4	155.6	100.0
1920	114.3	48.00	42	177.8	177.8	100.0	100.0	44.00	44	177.6	177.8	100.0
1921	114.3	48.00	42	177.8	177.8	100.0	112.5	45.00	40	199.8	181.8	90.9
1922	114.3	48.00	42	177.8	177.8	100.0	112.5	45.00	40	199.8	181.8	90.9
1923	114.3	45.00	42	177.8	177.8	100.0	112.5	45.00	40	199.8	181.8	90.9
1924	121.4	51.00	42	188.8	188.9	100.0	112.5	45.00	40	199.8	181.8	90.9
1925	121.4	51.00	42	188.8	188.9	100.0	112.5	49.50	44	199.8	200.0	100.0
1926	121.4	51.00	42	188.8	188.9	100.0	112.5	49.50	44	199.8	200.0	100.0
1927	123.2	51.75	42	191.6	191.7	100.0	112.5	49.50	44	199.8	200.0	100.0
1928	123.2	51.75	42	191.6	191.7	100.0	112.5	49.50	44	199.8	200.0	100.0
1929	123.2	51.75	42	191.6	191.7	100.0	112.5	49.50	44	199.8	200.0	100.0
1930	123.2	51.75	42	191.6	191.7	100.0	112.5	49.50	44	199.8	200.0	100.0

** 40 hours, October to March, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SEATTLE, WASH.—Continued

Year	Machine operators, newspaper, day work						Painters					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	<i>Cents</i>						<i>Cents</i>					
1907.....	64.3	\$27.00	42	100.0	100.0	100.0	56.3	\$24.75	44	100.0	100.0	100.0
1908.....	64.3	27.00	42	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1909.....	64.3	27.00	42	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1910.....	64.3	27.00	42	100.0	100.0	100.0	56.3	24.75	44	100.0	100.0	100.0
1911.....	71.4	30.00	42	111.0	111.1	100.0	56.3	24.75	44	100.0	100.0	100.0
1912.....	71.4	30.00	42	111.0	111.1	100.0	56.3	24.75	44	100.0	100.0	100.0
1913.....	75.0	31.50	42	116.6	116.7	100.0	56.3	24.75	44	100.0	100.0	100.0
1914.....	75.0	31.50	42	116.6	116.7	100.0	56.3	24.75	44	100.0	100.0	110.0
1915.....	75.0	31.50	42	116.6	116.7	100.0	56.3	24.75	44	100.0	100.0	100.0
1916.....	75.0	31.50	42	116.6	116.7	100.0	56.3	24.75	44	100.0	100.0	100.0
1917.....	78.6	33.00	42	122.2	122.2	100.0	65.0	28.60	44	115.5	115.6	100.0
1918.....	80.1	33.66	42	124.6	124.7	100.0	75.0	30.00	40	133.2	121.2	90.9
1919.....	100.0	42.00	42	155.5	155.6	100.0	90.0	36.00	40	189.9	145.5	90.9
1920.....	114.3	48.00	42	177.8	177.8	100.0	100.0	40.00	40	177.6	161.6	90.9
1921.....	114.3	48.00	42	177.8	177.8	100.0	93.8	37.50	40	166.6	151.5	90.9
1922.....	114.3	48.00	42	177.8	177.8	100.0	93.8	37.50	40	166.6	151.5	90.9
1923.....	114.3	48.00	42	177.8	177.8	100.0	100.0	40.00	40	177.6	161.6	90.9
1924.....	121.4	51.00	42	188.8	188.9	100.0	105.0	42.00	40	186.5	169.7	90.9
1925.....	121.4	51.00	42	188.8	188.9	100.0	112.5	45.00	40	199.8	181.8	90.9
1926.....	121.4	51.00	42	188.8	188.9	100.0	112.5	45.00	40	199.8	181.8	90.9
1927.....	123.2	51.75	42	191.6	191.7	100.0	112.5	45.00	40	199.8	181.8	90.9
1928.....	123.2	51.75	42	191.6	191.7	100.0	112.5	45.00	40	199.8	181.8	90.9
1929.....	123.2	51.75	42	191.6	191.7	100.0	112.5	45.00	40	199.8	181.8	90.9
1930.....	123.2	51.75	42	191.6	191.7	100.0	112.5	45.00	40	199.8	181.8	90.9
	Plasterers						Plasterers' laborers					
1907.....	81.3	\$35.75	44	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908.....	75.0	33.00	44	92.3	92.3	100.0	50.0	24.00	48	100.0	100.0	100.0
1909.....	75.0	33.00	44	92.3	92.3	100.0	50.0	24.00	48	100.0	100.0	100.0
1910.....	75.0	33.00	44	92.3	92.3	100.0	50.0	24.00	48	100.0	100.0	100.0
1911.....	75.0	33.00	44	92.3	92.3	100.0	50.0	22.00	44	100.0	91.7	91.7
1912.....	75.0	33.00	44	92.3	92.3	100.0	50.0	22.00	44	100.0	91.7	91.7
1913.....	75.0	33.00	44	92.3	92.3	100.0	50.0	22.00	44	100.0	91.7	91.7
1914.....	75.0	33.00	44	92.3	92.3	100.0	50.0	22.00	44	100.0	91.7	91.7
1915.....	75.0	33.00	44	92.3	92.3	100.0	50.0	22.00	44	100.0	91.7	91.7
1916.....	75.0	30.00	40	92.3	83.9	90.9	50.0	22.00	44	100.0	91.7	91.7
1917.....	87.5	35.00	40	107.6	97.9	90.9	62.5	27.50	44	125.0	114.6	91.7
1918.....	100.0	40.00	40	123.0	111.9	90.9	75.0	33.00	44	150.0	137.5	91.7
1919.....	112.5	45.00	40	138.4	125.9	90.9	87.5	35.00	40	175.0	145.8	83.3
1920.....	125.0	50.00	40	153.8	139.9	90.9	87.5	35.00	40	175.0	145.8	83.3
1921.....	125.0	50.00	40	153.8	139.9	90.9	87.5	35.00	40	175.0	145.8	83.3
1922.....	112.5	45.00	40	138.4	125.9	90.9	87.5	35.00	40	175.0	145.8	83.3
1923.....	125.0	50.00	40	153.8	139.9	90.9	93.8	37.50	40	187.6	156.3	83.3
1924.....	137.5	55.00	40	169.1	153.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1925.....	137.5	55.00	40	169.1	153.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1926.....	137.5	55.00	40	169.1	153.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1927.....	137.5	55.00	40	169.1	153.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1928.....	150.0	60.00	40	184.5	167.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1929.....	150.0	60.00	40	184.5	167.8	90.9	100.0	40.00	40	200.0	166.7	83.3
1930.....	150.0	60.00	40	184.5	167.8	90.9	100.0	40.00	40	200.0	166.7	83.3

¹¹ 44 hours, September to April, inclusive.

TABLE 11.—Union scales and index numbers of wages per hour and per week and of hours of labor per week, in selected trades in 13 cities, May, 1907 to 1930—Con.

SEATTLE, WASH.—Continued

Year	Plumbers and gas fitters						Stereotypers, newspaper, day work					
	Rate of wages—		Hours per full-time week	Index numbers of—			Rate of wages—		Hours per full-time week	Index numbers of—		
	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week	Per hour	Per full-time week		Rate of wages per hour	Rate of wages per full-time week	Hours per full-time week
	Cents						Cents					
1907	62.5	\$27.50	44	100.0	100.0	100.0	50.0	\$24.00	48	100.0	100.0	100.0
1908	68.8	30.25	44	110.1	110.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1909	81.3	35.75	44	130.1	130.0	100.0	53.1	25.50	48	106.2	106.3	100.0
1910	81.3	35.75	44	130.1	130.0	100.0	56.3	27.00	48	112.6	112.5	100.0
1911	81.3	35.75	44	130.1	130.0	100.0	64.3	27.00	42	128.6	112.5	87.5
1912	81.3	35.75	44	130.1	130.0	100.0	64.3	27.00	42	128.6	112.5	87.5
1913	81.3	35.75	44	130.1	130.0	100.0	67.9	28.50	42	135.8	118.8	87.5
1914	75.0	33.00	44	120.0	120.0	100.0	67.9	28.50	42	135.8	118.8	87.5
1915	75.0	33.00	44	120.0	120.0	100.0	69.8	30.00	43	139.6	125.0	89.6
1916	75.0	33.00	44	120.0	120.0	100.0	69.8	30.00	43	139.6	125.0	89.6
1917	81.3	35.75	44	130.1	130.0	100.0	76.4	32.10	42	152.8	133.8	87.5
1918	90.0	39.60	44	144.0	144.0	100.0	73.0	32.76	42	155.0	136.5	87.5
1919	100.0	40.00	40	160.0	145.5	90.9	100.0	42.00	42	200.0	175.0	87.5
1920	112.5	45.00	40	180.0	163.6	90.9	114.3	48.00	42	228.6	200.0	87.5
1921	112.5	45.00	40	180.0	163.6	90.9	114.3	48.00	42	228.6	200.0	87.5
1922	100.0	40.00	40	160.0	145.5	90.9	112.5	48.00	42 1/2	255.0	200.0	88.9
1923	112.5	45.00	40	180.0	163.6	90.9	112.5	48.00	42 1/2	255.0	200.0	88.9
1924	125.0	50.00	40	200.0	181.8	90.9	115.9	51.00	44	231.8	212.5	91.7
1925	125.0	50.00	40	200.0	181.8	90.9	115.9	51.00	44	231.8	212.5	91.7
1926	125.0	55.00	44	200.0	200.0	100.0	115.9	51.00	44	231.8	212.5	91.7
1927	137.5	55.00	40	220.0	200.0	90.9	121.4	51.00	42	242.8	212.5	87.5
1928	137.5	55.00	40	220.0	200.0	90.9	117.6	51.75	44	235.2	215.6	91.7
1929	137.5	55.00	40	220.0	200.0	90.9	123.2	51.75	42	246.4	215.6	87.5
1930	137.5	55.00	40	220.0	200.0	90.9	123.2	51.75	42	246.4	215.6	87.5
Structural-iron workers												
1907	56.3	\$27.00	48	100.0	100.0	100.0						
1908	56.3	27.00	48	100.0	100.0	100.0						
1909	56.3	24.75	44	100.0		91.7						
1910	56.3	24.75	44	100.0		91.7						
1911	60.0	26.40	44	106.6		97.8						
1912	60.0	26.40	44	106.6		97.8						
1913	62.5	27.50	44	111.0		101.9						
1914	62.5	27.50	44	111.0		101.9						
1915	62.5	27.50	44	111.0		101.9						
1916	62.5	27.50	44	111.0		101.9						
1917	75.0	33.00	44	133.2		122.2						
1918	87.5	38.50	44	155.4		142.6						
1919	100.0	40.00	40	177.6		148.1						
1920	112.5	49.50	44	199.8		183.3						
1921	112.5	49.50	44	199.8		183.3						
1922	100.0	44.00	44	177.6		163.0						
1923	112.5	49.50	44	199.8		183.3						
1924	112.5	49.50	44	199.8		183.3						
1925	112.5	49.50	44	199.8		183.3						
1926	112.5	49.50	44	199.8		183.3						
1927	112.5	49.50	44	199.8		183.3						
1928	125.0	55.00	44	222.0		208.7						
1929	125.0	55.00	44	222.0		208.7						
1930	125.0	55.00	44	222.0		208.7						

SCOPE OF DATA

This is the nineteenth bulletin published by the Bureau of Labor Statistics on the subject of union scales of wages and hours of labor. In Table 12 is shown the bulletin number, the date of scales included, and the number of cities reported.

TABLE 12.—List of bulletins on union scales of wages and hours of labor published by the Bureau of Labor Statistics

Bulletin	Date of scale (on or before)	Number of cities reported	Bulletin	Date of scale (on or before)	Number of cities reported
No. 131.....	May 15, 1907 to 1912.....	39	No. 325.....	May 15, 1922.....	66
No. 143.....	May 15, 1913.....	40	No. 354.....	May 15, 1923.....	66
No. 171.....	May 1, 1914.....	41	No. 388.....	May 15, 1924.....	66
No. 194.....	May 1, 1915.....	47	No. 404.....	May 15, 1925.....	66
No. 214.....	May 15, 1916.....	48	No. 431.....	May 15, 1926.....	66
No. 245.....	May 15, 1917.....	56	No. 457.....	May 15, 1927.....	66
No. 259.....	May 15, 1918.....	58	No. 482.....	May 15, 1928.....	67
No. 274.....	May 15, 1919.....	61	No. 515.....	May 15, 1929.....	67
No. 286.....	May 15, 1920.....	66	No. 540.....	May 15, 1930.....	67
No. 302.....	May 15, 1921.....	66			

Data for several of the principal trades and cities for selected years from 1913 to 1930 by years are given in an abridged form in the Labor Review for September, 1930.

The trades and occupations covered in this section of the bulletin are divided into nine groups as follows:

Bakery trades.
Building trades.
Chauffeurs and teamsters and drivers.
Granite and stone trades.
Laundry workers.

Linemen.
Longshoremen.
Printing and publishing: Book and job.
Printing and publishing: Newspaper.

The 67 cities for which data are given are located in 36 States. The cities selected are generally the largest in their respective sections of the country. They are as follows:

Atlanta, Ga.
Baltimore, Md.
Birmingham, Ala.
Boston, Mass.
*Bridgeport, Conn.
Buffalo, N. Y.
*Butte, Mont.
Charleston, S. C.
Chicago, Ill.
Cincinnati, Ohio.
Cleveland, Ohio.
*Columbus, Ohio.
Dallas, Tex.
*Davenport, Iowa.
*Dayton, Ohio.
Denver, Colo.
*Des Moines, Iowa.
Detroit, Mich.
*Erie, Pa.
Fall River, Mass.
*Grand Rapids, Mich.
*Houston, Tex.
Indianapolis, Ind.
Jacksonville, Fla.

Kansas City, Mo.
Little Rock, Ark.
Los Angeles, Calif.
Louisville, Ky.
*Madison, Wis.
Manchester, N. H.
Memphis, Tenn.
Milwaukee, Wis.
Minneapolis, Minn.
*Moline, Ill.
*Muskegon, Mich.
*Nashville, Tenn.
Newark, N. J.
New Haven, Conn.
New Orleans, La.
New York, N. Y.
*Norfolk, Va.
Omaha, Nebr.
*Peoria, Ill.
Philadelphia, Pa.
Pittsburgh, Pa.
*Portland, Me.
Portland, Oreg.
Providence, R. I.

*Reading, Pa.
 *Richmond, Va.
 *Rochester, N. Y.
 *Rock Island, Ill.
 *Saginaw, Mich.
 *St. Louis, Mo.
 *St. Paul, Minn.
 *Salt Lake City, Utah.
 *San Francisco, Calif.
 *Scranton, Pa.

Seattle, Wash.
 *Spokane, Wash.
 *Springfield, Mass.
 *Toledo, Ohio.
 *Washington, D. C.
 *Wichita, Kans.
 *Worcester, Mass.
 *York, Pa.
 *Youngstown, Ohio.

Certain other trades and trade groups not included in this report have been carried by the bureau in the union wage reports in preceding years. A list of these trades and the bulletins in which they appear are stated in Bulletin 404, page 57.

The asterisks in the preceding list indicate cities added since the first report. In Table A, page 78, data for each of the cities are given for each trade in which a scale was in effect.

EXPLANATION OF TERMS AND METHODS

A union scale, as the term is here used, is a statement, either written or definitely understood, of wages and hours of labor agreed to or accepted by an organization of union men and an employer or group of employers, under which agreement, expressed or implied, union men actually work. A union scale usually fixes the limit in only one direction. It sets a minimum wage and a maximum of hours for a regular day's work. This report shows such minimum wage and maximum hours as are established by the agreed to or accepted scale. In certain cities and trades, however, some workmen, and in some few instances all or nearly all workmen, actually are paid more than the scale, and in some instances employees work fewer hours than the scale calls for. As a general rule, however, the union scale represents the prevailing wage of a locality.

In cases where bonuses are definitely reported in one fixed amount and apparently are to remain in effect indefinitely, such bonuses have been combined with the regular rate.

The observance of Labor Day as a holiday is so general and the fact is so widely understood that it has been deemed unnecessary to refer to the many agreements which prohibit the performance of ordinary work on that day. However, in instances where the prohibition of work has been extended to other days or parts of days, such as July 4 and Saturday afternoon, and also includes Labor Day, the conditions are stated in footnotes.

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

No scale for any trade is published here unless it was so well established that at least 50 per cent of the members of the union were receiving the scale or above it. Information obtained on this

question indicates that an insignificant number of union members were working for less than the scale, while a considerable number were receiving more than the scale. Some trades were not organized in certain cities, and some were organized only in part. When organized in part, with a scale in force for such men as were organized, the scale is published.

The union scales in this section of the report are almost entirely time-rate scales. The only piece-rate scales shown are for lathers, and for machine operators in the printing trades, and one quotation for longshoremen. These occupations have simple units of payment which are commonly understood. Many trades work to a large extent on piece rates. Such rates are so great in number and the units of payment so variable that it is not practicable to quote them in arbitrary tables as are shown in this section.

The various scales agreed to by employers and trade-unions state wages for differing units of time. Some scales designate the rates of wages by the hour, others by the day, week, or month. The varying rates have been converted into common terms, and both hourly and weekly rates are shown.

General Table A (p. 78) shows the rates of wages per hour and the rates per full-time week, the rates for overtime, Sunday, and holiday work, the regular hours for a full day, for Saturday, and for a full week, the number of months in the year for which the agreement provided for a Saturday part or whole holiday, and the per cent of members receiving more than scale and the amount or range received. Corresponding figures for 1929 are reproduced, in part, in this table.

Certain unions have agreements that Saturday or some other week day shall be a day of rest instead of Sunday. In such cases the overtime provision for this day has been tabulated as equivalent to the usual Sunday provision. In other words, "Sunday" is considered as comprehensive enough to cover any fixed rest day. Likewise, if there is a short day in the week other than Saturday, it has been tabulated as equivalent to a Saturday provision.

Due to some peculiar local conditions the actual rates per hour and per week and the hours per week are not exactly what the agreement shows. The bureau has tabulated the rate and hours that the full-time employed man receives; for example, in Worcester, Mass., the nominal rate for web pressmen, night, is \$45 per week for 42 hours and the nominal rate per hour would be 107.1 cents. However, all the men employed work an extra $1\frac{1}{2}$ hours every Saturday for which they get \$1 additional, and time and a half, which makes an actual wage of \$48.73 for $43\frac{1}{2}$ hours, received regularly each week by them.

Where two or more quotations of rates and hours are shown for the same occupation in the same city, such quotations represent two or more agreements between unions and employers, sometimes different unions, sometimes different employers, sometimes both. The letters A, B, C, etc., are used to designate different quotations, but have no other significance.

When the number of hours per week differed during a part of the year from that shown for May, the difference has been noted in the table.

When a strike or lockout was pending on May 15, the scale which was in effect before the strike or lockout began has been tabulated with a note, "Old scale; strike pending."

Most of the data for this report were obtained by special agents of the bureau through personal visits to business agents, secretaries, or other officials of the respective trade-unions in the several cities. The State labor bureaus of Massachusetts, Ohio, Pennsylvania, and Wisconsin, for their own purposes, collect union-wages scales within their respective States. To avoid duplication of field work in these States they have furnished such information as is necessary to this compilation.

The Ohio, Pennsylvania, and Wisconsin data were collected entirely by personal visits of special agents of those States. The Massachusetts bureau collected its data in part by correspondence and in part by sending out special agents.

In the work of this bureau and of the four State bureaus named, wage scales, written agreements, and trade-union records were consulted wherever available. Over 2,000 union representatives were visited.

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

An inspection of the general table shows for some occupations a great variation in trade terms and classifications in the different cities. For example, bakers are classed in some cities as first hands, second hands, and third hands; in other cities as mixers, bench men, oven men, etc. The difference in occupation names makes a comparison between cities difficult. Inquiry has shown that the terms "first hand," "second hand," etc., do not cover identical work in the different cities where these terms are used. Certain work may be considered first-hand work in one city and second-hand work in another city. Of necessity, this bureau has followed the terminology used in each city.

There are also great variations in classification and in the extent of subdivision of chauffeurs and teamsters and drivers, and of book-binding and presswork occupations, making comparison of city with city quite difficult; and similar conditions, less in degree, are found in several other trades. Special rates for inconsequential groups within these occupations have been omitted in some cities.

As stated before, the average rates shown in preceding tables were obtained by multiplying the rate for each city by the number of union members, adding the products for all cities, and dividing the sum by the aggregate membership in all cities which makes them weighted averages. The same method was used in computing average hours.

Index numbers are computed to make comparisons easier as between years. They are only percentages which show the increase or decrease in all other years as compared with one year selected as the base. In most of the tables 1913 is taken as the base. In other tables 1907, the first year of this series of reports, is taken as the base.

The index numbers for rates have been obtained by computing ratios from the rates for each two successive years and, beginning

with the base year, compounding the ratios each year. The ratio of the 1914 rate to the 1913 rate is the index number for 1914. The index number for 1914 thus found, multiplied by the ratio of 1915 to 1914, gives the index number for 1915, etc.

In the earlier years the ratio was based on the average as computed from identical unions that reported for both years, old quotations dropping out and new quotations coming in being omitted from the average. In the later years the averages are based on all data received each year.

The same method was used in computing index numbers of hours and of wages per full-time week.

In computing the general index number when an industry is added or omitted the ratio is based on the data for identical industries. Here it is not a question of a trade or an industry coming into or passing out of existence, but a question of discontinuing or taking on an industry that is in existence. To illustrate, the metal industry and the millwork industry were omitted in 1925 and have been since, as it was known that more representative data for these two industries could be obtained from establishment pay rolls. These trades were covered in 1924 and earlier years and entered into the general index for all trades in those years. Before computing the general index for 1925 a new grand average was computed for all trade groups, with these trade groups omitted. Then the ratio between 1924 and 1925 for all the remaining trade groups combined was computed and the general index for 1924 was multiplied by this ratio to get the general index for 1925.

Caution should be used in considering these index numbers. The result obtained by a subtraction of index numbers does not represent the per cent of increase or decrease between the different years. For example, referring to page 16, the index number of bakers' rates of wages per week in 1907 was 85.1 as compared with 257.1 in 1930 making an increase of 172.0 points in the index number. This 172.0 is 202.2 per cent of 85.1, thus making the increase in 1930 over 1907, 202.2 per cent as shown in Table 5.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities

BAKERY TRADES

BAKERS

[In some instances the rate for overtime and for Sunday and holidays is indicated by figures closely followed by the letter c, which means that the amount given is the rate in cents per hour. The rate shown for overtime is for the primary overtime only, secondary and other further rates being considered of small importance. When overtime work is prohibited it is indicated by "Pro." When no statement is given for 1929 there was no union or, if a union, no effective scale. The few cases in which the day of rest is other than Sunday have been tabulated as Sunday, and those in which the short day is other than Saturday have been tabulated as Saturday]

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For overtime	For Sundays	For holidays			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Baltimore, Md.:												
Hebrew bakeries—												
Foremen or oven men	126.7	57.00	150c.	150c.	150c.	7½-7½-45			Cents per hour	126.7	57.00	17¼-0-45
Second hands	120.0	54.00	150c.	150c.	150c.	7½-7½-45				120.0	54.00	17¼-0-45
Boston, Mass.:												
Foremen	83.3	40.00	1½	1½	1½	8-8-48				83.3	40.00	8-8-48
Journeymen	72.9	35.00	1½	1½	1½	8-8-48				72.9	35.00	8-8-48
Oven men and mixers	77.1	37.00	1½	1½	1½	8-8-48				77.1	37.00	8-8-48
Hebrew bakeries—												
Foremen	135.4	65.00	Pro.	1	(?)	8-8-48				135.4	65.00	8-8-48
Second hands	125.0	60.00	Pro.	1	(?)	8-8-48				125.0	60.00	8-8-48
Third hands	114.6	55.00	Pro.	1	(?)	8-8-48				114.6	55.00	8-8-48
Bridgeport, Conn.:												
Foreman, day work	87.5	42.00	1½	1½	1½	8-8-48				87.5	42.00	8-8-48
Dough mixers, day work	77.1	37.00	1½	1½	1½	8-8-48				77.1	37.00	8-8-48
Oven men, day work	75.0	36.00	1½	1½	1½	8-8-48				75.0	36.00	8-8-48
Second hands, day work	72.9	35.00	1½	1½	1½	8-8-48				72.9	35.00	8-8-48
Benchmen and machine workers, day work	68.8	33.00	1½	1½	1½	8-8-48				68.8	33.00	8-8-48
Foremen, night work	93.8	45.00	1½	1½	1½	8-8-48				93.8	45.00	8-8-48
Benchmen and machine workers, night work	75.0	36.00	1½	1½	1½	8-8-48				75.0	36.00	8-8-48
Dough mixers, night work	81.3	39.00	1½	1½	1½	8-8-48				81.3	39.00	8-8-48
Second hands, night work	79.2	38.00	1½	1½	1½	8-8-48				79.2	38.00	8-8-48

¹ Work on Sunday. ² Holidays off with pay.
³ Holidays off with pay; but 2 hours worked extra on preceding day.
⁴ Hebrew holidays off with pay.
⁵ For work performed between 10 p. m. and 6 a. m., 15 cents additional per hour.
⁶ For work performed between 10 p. m. and 6 a. m., 30 cents additional per hour.
⁷ Night rate, 30 cents per hour over day rate.
⁸ For work performed between 10 p. m. and 6 a. m., 25 cents additional per hour.
⁹ For work performed between 9 p. m. and 5 a. m., 12 cents additional per hour.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BAKERY TRADES—Continued

BAKERS—Continued

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Cleveland, Ohio—Continued.												
Hebrew bakeries—	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Benchmen, day work.....	128.9	58.00	1½	1½	1	7½-7½-45	-----	-----	128.9	58.00	7½-7½-45	
Benchmen, night work.....	140.0	63.00	1½	1½	1	7½-7½-45	-----	-----	140.0	63.00	7½-7½-45	
Oven men and mixers, day work.....	144.4	65.00	1½	1½	1	7½-7½-45	-----	-----	144.4	65.00	7½-7½-45	
Oven men and mixers, night work.....	155.6	70.00	1½	1½	1	7½-7½-45	-----	-----	155.6	70.00	7½-7½-45	
Columbus, Ohio:												
Foremen or first hands.....	10 77.1	10 37.00	100c.	100c.	100c.	8 -8 -48	-----	-----	10 77.1	10 37.00	8 -8 -48	
Benchmen.....	10 66.7	10 32.00	100c.	100c.	100c.	8 -8 -48	-----	-----	10 66.7	10 32.00	8 -8 -48	
Oven men and mixers.....	10 72.9	10 35.00	100c.	100c.	100c.	8 -8 -48	-----	-----	10 72.9	10 35.00	8 -8 -48	
Helpers.....	10 56.3	10 27.00	75c.	75c.	75c.	8 -8 -48	-----	-----	10 56.3	10 27.00	8 -8 -48	
Dallas, Tex.:												
Foremen, less than 3 men.....	76.5	39.00	1½	2	2	8½-8½-51	-----	-----	76.5	39.00	8½-8½-51	
Foremen, 3 or more men.....	86.3	44.00	1½	2	2	8½-8½-51	-----	-----	86.3	44.00	8½-8½-51	
Benchmen.....	67.6	34.50	1½	2	2	8½-8½-51	-----	-----	67.6	34.50	8½-8½-51	
Second hands, less than 3 men.....	70.6	36.00	1½	2	2	8½-8½-51	-----	-----	70.6	36.00	8½-8½-51	
Second hands, 3 or more men, or oven men or mixers.....	74.5	38.00	1½	2	2	8½-8½-51	-----	-----	74.5	38.00	8½-8½-51	
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio:												
Foremen or first hands.....	85.4	41.00	1½	2	11 2	8 -8 -48	-----	-----	85.4	41.00	8 -8 -48	
Benchmen.....	70.8	34.00	1½	2	11 2	8 -8 -48	-----	-----	70.8	34.00	8 -8 -48	
Oven men, mixers, or 1 man alone.....	77.1	37.00	1½	2	11 2	8 -8 -48	-----	-----	77.1	37.00	8 -8 -48	
Denver, Colo.:												
Day work—												
Foremen, alone or with 4 men or less.....	87.5	42.00	1½	1	1	8 -8 -48	-----	-----	87.5	42.00	8 -8 -48	
Shift foremen or first hands.....	79.2	38.00	1½	1	1	8 -8 -48	-----	-----	79.2	38.00	8 -8 -48	
Benchmen or machine operators.....	66.7	32.00	1½	1	1	8 -8 -48	-----	-----	66.7	32.00	8 -8 -48	

Mixers or spongers, machine.....	72.9	35.00	1 1/4	1	1	8 -8 -48			72.9	35.00	8 -8 -48
Oven men, hand or machine.....	70.8	34.00	1 1/4	1	1	8 -8 -48			70.8	34.00	8 -8 -48
Night work—											
Foremen, alone or with 4 men or less.....	93.8	45.00	1 1/4	1	1	8 -8 -48					
Dough mixers or spongers, 4 men or less.....	75.0	36.00	1 1/4	1	1	8 -8 -48					
Part-time, day and night—											
Shift foremen.....	82.3	39.50	1 1/4	1	1	8 -8 -48			82.3	39.50	8 -8 -48
Dough mixers or spongers.....	76.0	36.50	1 1/4	1	1	8 -8 -48			76.0	36.50	8 -8 -48
Oven men.....	74.0	35.50	1 1/4	1	1	8 -8 -48			74.0	35.50	8 -8 -48
Benchmen or machine operators.....	69.8	33.50	1 1/4	1	1	8 -8 -48			69.8	33.50	8 -8 -48
Hebrew bakeries—											
Benchmen.....	83.3	40.00	1 1/4	1	1	8 -8 -48			81.3	39.00	8 -8 -48
Oven men.....	89.6	43.00	1 1/4	1	1	8 -8 -48			87.5	42.00	8 -8 -48
Helpers.....	62.5	30.00	1 1/4	1	1	8 -8 -48			54.2	26.00	8 -8 -48
Detroit, Mich.:											
First hands, oven men, and mixers—											
1 oven.....	100.0	48.00	1 1/4	1 1/2	2	8 -8 -48			100.0	48.00	18 -0 -48
2 ovens.....	104.2	50.00	1 1/4	1 1/2	2	8 -8 -48			104.2	50.00	18 -0 -48
Second hands.....	89.6	43.00	1 1/4	1 1/2	2	8 -8 -48			89.6	43.00	18 -0 -48
Hebrew bakeries—											
First hands, 1 oven, night work.....	157.8	71.00	200c.	200c.	Pro.	7 1/2 -7 1/2 -45			157.8	71.00	7 1/2 -7 1/2 -45
First hands, 2 ovens, night work.....	162.2	73.00	200c.	200c.	Pro.	7 1/2 -7 1/2 -45			162.2	73.00	7 1/2 -7 1/2 -45
Second hands, night work.....	151.1	68.00	200c.	200c.	Pro.	7 1/2 -7 1/2 -45			151.1	68.00	7 1/2 -7 1/2 -45
Third hands, night work.....	140.0	63.00	200c.	200c.	Pro.	7 1/2 -7 1/2 -45			140.0	63.00	7 1/2 -7 1/2 -45
Polish bakeries—											
First hands, oven men, and mixers, 1 oven.....	104.2	50.00	1 1/4	1 1/2	2	18 -0 -48			104.2	50.00	8 -8 -48
First hands, oven men, and mixers, 2 ovens.....	108.3	52.00	1 1/4	1 1/2	2	18 -0 -48			108.3	52.00	8 -8 -48
Second hands.....	93.8	45.00	1 1/4	1 1/2	1	18 -0 -48			93.8	45.00	8 -8 -48
Erie, Pa.:											
Bakers.....	59.3	32.00	1	1	1	54					
Benchmen.....	59.3	32.00	1	1	1	54					
Dough mixers.....	74.1	40.00	1	1	1	54					
Foremen.....	74.1	40.00	1	1	1	54					
Indianapolis, Ind.:											
Foremen, day work.....	69.4	37.50	1 1/4	1 1/2	2	9 -9 -54			69.4	37.50	9 -9 -54
Foremen, night work.....	74.1	40.00	1 1/4	1 1/2	2	9 -9 -54			74.1	40.00	19 -0 -54
Benchmen or machine hands, day work.....	55.6	30.00	1 1/4	1 1/2	2	9 -9 -54			55.6	30.00	9 -9 -54
Benchmen or machine hands, night work.....	64.8	35.00	1 1/4	1 1/2	2	9 -9 -54			64.8	35.00	19 -0 -54
Kansas City, Mo.:											
Day work—											
Foremen.....	97.9	47.00	1 1/4	Pro.	2	8 -8 -48	75	Up to 145.8.....	97.9	47.00	8 -8 -48
Benchmen and machine hands.....	83.3	40.00	1 1/4	Pro.	2	8 -8 -48			83.3	40.00	8 -8 -48
Spongers, oven men, and mixers.....	89.6	43.00	1 1/4	Pro.	2	8 -8 -48			89.6	43.00	8 -8 -48
Night work—											
Foremen.....	110.4	53.00	1 1/4	Pro.	2	8 -8 -48	75	Up to 145.8.....	110.4	53.00	8 -8 -48
Benchmen and machine hands.....	95.8	46.00	1 1/4	Pro.	2	8 -8 -48			95.8	46.00	8 -8 -48
Spongers, oven men, and mixers.....	102.1	49.00	1 1/4	Pro.	2	8 -8 -48			102.1	49.00	8 -8 -48

¹ Work on Sunday.

¹⁰ For work performed between 6 p. m. and 4 a. m., 10 cents additional per hour.

¹¹ Work on Labor Day and Christmas prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued.

BAKERY TRADES—Continued

BAKERS—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Los Angeles, Calif.:	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Foremen with 1 or more men.....	93.8	45.00	1½	2	2	8 -8 -48	-----	-----	-----	87.5	42.00	8 -8 -48
Oven men, mixers, or foremen alone.....	87.5	42.00	1½	2	2	8 -8 -48	-----	-----	-----	79.2	38.00	8 -8 -48
Benchmen or machine hands.....	79.2	38.00	1½	2	2	8 -8 -48	-----	-----	-----			
Hebrew bakeries—												
First hands, day work.....	120.8	58.00	1½	1½	(9)	8 -8 -48	-----	100	131.3 to 141.7...	120.8	58.00	8 -8 -48
Second hands, day work.....	110.4	53.00	1½	1½	(9)	8 -8 -48	-----	-----	-----	110.4	53.00	8 -8 -48
First hands, night work.....	131.3	63.00	1½	1½	(9)	8 -8 -48	-----	100	141.2 to 152.1...	131.3	63.00	8 -8 -48
Second hands, night work.....	120.8	58.00	1½	1½	(9)	8 -8 -48	-----	-----	-----	120.8	58.00	8 -8 -48
Louisville, Ky.:												
Foremen, less than 5 men.....	70.8	34.00	1½	1	1	18 -0 -48	-----	56	Up to 72.9.....	70.8	34.00	8 -8 -48
Foremen, 5 or more men.....	77.1	37.00	1½	1	1	18 -0 -48	-----	50	Up to 83.3.....	77.1	37.00	8 -8 -48
Benchmen and machine hands.....	58.3	28.00	1½	1	1	18 -0 -48	-----	25	Up to 62.5.....	58.3	28.00	8 -8 -48
Oven men and mixers.....	62.5	30.00	1½	1	1	18 -0 -48	-----	25	Up to 72.9.....	62.5	30.00	8 -8 -48
Helpers, over 1 year.....	45.8	22.00	1½	1	1	18 -0 -48	-----	50	Up to 52.1.....	45.8	22.00	8 -8 -48
Helpers, 1 year or less.....	41.7	20.00	1½	1	1	18 -0 -48	-----	-----	-----	41.7	20.00	8 -8 -48
Madison, Wis.:												
Foremen.....	1186.5	1141.50	1½	1	Pro.	8 -8 -48	-----	100	96.9 to 107.3....	1186.5	1141.50	8 -8 -48
Benchmen.....	1175.0	1136.00	1½	1	Pro.	8 -8 -48	-----	56	79.2 to 95.8.....	1175.0	1136.00	8 -8 -48
Oven men and mixers.....	1180.2	1138.50	1½	1	Pro.	8 -8 -48	-----	59	84.4 to 92.7.....	1180.2	1138.50	8 -8 -48
Manchester, N. H.:												
Foremen, oven men, or mixers.....	79.2	38.00	1½	1½	1½	18 -10 -48	-----	-----	-----	79.2	38.00	8 -8 -48
Second hands.....	68.8	33.00	1½	1½	1½	18 -10 -48	-----	-----	-----	68.8	33.00	8 -8 -48
Benchmen.....	62.5	30.00	1½	1½	1½	18 -10 -48	-----	-----	-----	62.5	30.00	8 -8 -48

Milwaukee, Wis.:													
Foremen or first hands	78.4	40.00	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	51			78.4	40.00	18 1/2 -0 -51
Second hands	68.6	35.00	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	51			68.6	35.00	18 1/2 -0 -51
Third hands	58.8	30.00	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	51			58.8	30.00	18 1/2 -0 -51
Helpers	45.1	23.00	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	51			45.1	23.00	18 1/2 -0 -51
Minneapolis, Minn.:													
Foremen, with 1 man or helper, and oven men, night work	72.9	35.00	1 1/2	1 1/2	1 1/2	8	8	48	67	77.1 to 83.3	72.9	35.00	8 -8 -48
Foremen, 2 to 4 men, night work	77.1	37.00	1 1/2	1 1/2	1 1/2	8	8	48	75	79.2 to 93.8	77.1	37.00	8 -8 -48
Foremen, 5 or more men, night work	87.5	42.00	1 1/2	1 1/2	1 1/2	8	8	48	67	83.3 to 104.2	87.5	42.00	8 -8 -48
Benchmen and machine hands, night work	66.7	32.00	1 1/2	1 1/2	1 1/2	8	8	48	29	70.8 to 75.0	66.7	32.00	8 -8 -48
Moline, Ill. (See Rock Island (Ill.), district.)													
Newark, N. J.:													
Foremen, oven men, and mixers	91.7	44.00	1 1/2	1 1/2	2	8	8	48			91.7	44.00	8 -8 -48
Second hands and benchmen	81.3	39.00	1 1/2	1 1/2	2	8	8	48			81.3	39.00	8 -8 -48
Third hands	68.8	33.00	1 1/2	1 1/2	2	8	8	48			68.8	33.00	8 -8 -48
Hebrew bakeries—													
Foremen and oven men	140.0	63.00	200c.	1	(0)	17 1/2	0	45			140.0	63.00	17 1/2 -0 -45
Second hands or mixers	133.3	60.00	200c.	1	(0)	17 1/2	0	45			133.3	60.00	17 1/2 -0 -45
New Haven, Conn.:													
Hebrew bakeries—													
Foremen	118.8	57.00	125c.	125c.	125c.	8	8	48			118.8	57.00	18 -0 -48
Second hands	111.5	53.50	125c.	125c.	125c.	8	8	48			111.5	53.50	18 -0 -48
Ordinary bakeries—													
Foremen and mixers	83.3	40.00	1 1/2	2	2	8	8	48			83.3	40.00	8 -8 -48
Benchmen	75.0	36.00	1 1/2	2	2	8	8	48			75.0	36.00	8 -8 -48
New Orleans, La.:													
Foremen, less than 5 men	68.8	33.00	1 1/2	2	2	8	8	48			68.8	33.00	8 -8 -48
Foremen, 5 to 8 men	77.1	37.00	1 1/2	2	2	8	8	48			77.1	37.00	8 -8 -48
Foremen, 9 or more men	85.4	41.00	1 1/2	2	2	8	8	48			85.4	41.00	8 -8 -48
Benchmen	58.3	27.00	1 1/2	2	2	8	8	48			58.3	27.00	8 -8 -48
Oven men and mixers	64.6	31.00	1 1/2	2	2	8	8	48			64.6	31.00	8 -8 -48
New York, N. Y.:													
Hand bakeries—													
First hands, oven workers and mixers, A	104.2	50.00	1 1/2	Pro.	2	18	0	48			104.2	50.00	18 -0 -48
First hands, B	125.0	50.00	1 1/2	1 1/2	1 1/2	18	0	40					
First hands, or oven workers, C	97.9	47.00	125c.	125c.	1	18	0	48			97.9	47.00	18 -0 -48
First hands, D	97.9	47.00	125c.	Pro.	Pro.	8	8	48					
First hands, or oven workers, E	97.9	47.00	125c.	Pro.	1	8	8	48			97.9	47.00	18 -0 -48
Second hands, A	91.7	44.00	110c.	1	1	8	8	48			91.7	44.00	8 -8 -48
Second hands, B	93.8	45.00	1 1/2	Pro.	2	18	0	48			93.8	45.00	18 -0 -48
Second hands, C	91.7	44.00	1 1/2	Pro.	Pro.	8	8	48			91.7	44.00	18 -0 -48
Second hands, D	117.5	47.00	1 1/2	1 1/2	1 1/2	18	0	40					
Third hands	66.7	32.00	1 1/2	Pro.	2	18	0	48			66.7	32.00	18 -0 -48
Helpers, A	58.3	28.00	80c.	Pro.	1	8	8	48	36	Up to 75.0	58.3	28.00	18 -0 -48
Helpers, B	62.5	30.00	80c.	Pro.	1	8	8	48	55	75.0	75.0	36.00	18 -0 -48
Helpers, C	80.0	32.00	1 1/2	1 1/2	1 1/2	18	0	40					

¹ Work on Sunday.² Hebrew holidays off with pay.³ For work performed between 6 p. m. and 6 a. m., 10 cents additional per hour.⁴ Work 7 hours Monday and Tuesday.⁵ Work 5 days per week.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BAKERY TRADES—Continued

BAKERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
New York, N. Y.—Continued.			Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Bohemian bakeries—	Cents	Dollars										
First hands.....	100.0	45.00	150c.	1	1	7½-7½-45				100.0	45.00	1 7½-0 -45
Second hands or bench hands.....	93.3	42.00	150c.	1	1	7½-7½-45				93.3	42.00	1 7½-0 -45
German bakeries—												
First hands, oven men, or mixers.....	97.9	47.00	125c.	125c.	125c.	8 -8 -48				97.9	47.00	1 8 -0 -48
Second hands.....	91.7	44.00	110c.	110c.	110c.	8 -8 -48				91.7	44.00	1 8 -0 -48
Third hands.....	85.4	41.00	110c.	110c.	110c.	8 -8 -48						
Helpers.....	52.1	25.00	85c.	85c.	85c.	8 -8 -48				52.1	25.00	1 8 -0 -48
Hebrew bakeries—												
1 or 2 ovens—												
First hands.....	160.0	72.00	Pro.	Pro.	Pro.	7½-7½-45				160.0	72.00	1 7½-0 -45
Second hands.....	151.1	68.00	Pro.	Pro.	Pro.	7½-7½-45				151.1	68.00	1 7½-0 -45
Helpers.....	111.1	50.00	Pro.	Pro.	Pro.	7½-7½-45				111.1	50.00	1 7½-0 -45
More than 2 ovens—												
First hands.....	171.4	72.00	Pro.	Pro.	Pro.	7 -7 -42				185.7	78.00	1 7 -0 -42
Second hands.....	161.9	68.00	Pro.	Pro.	Pro.	7 -7 -42				171.4	72.00	1 7 -0 -42
Helpers.....	119.0	50.00	Pro.	Pro.	Pro.	7 -7 -42				142.9	60.00	1 7 -0 -42
Brooklyn—												
First hands.....	114.6	55.00	150c.	150c.	150c.	8 -8 -48				114.6	55.00	1 8 -0 -48
Second hands.....	97.9	47.00	135c.	135c.	135c.	8 -8 -48				97.9	47.00	1 8 -0 -48
Helpers or third hands.....	75.0	36.00	85c.	85c.	85c.	8 -8 -48				75.0	36.00	1 8 -0 -48
Queens—												
Foremen.....	125.0	75.00	150c.	Pro.	1	10 -10 -60				114.6	55.00	8 -8 -48
Mixers.....	120.0	72.00	150c.	Pro.	1	10 -10 -60				106.3	51.00	8 -8 -48
Bench hands.....	91.7	55.00	135c.	Pro.	1	10 -10 -60				97.9	47.00	8 -8 -48
Helpers.....	68.3	41.00	100c.	Pro.	1	10 -10 -60				75.0	36.00	8 -8 -48

Italian bakeries—													
Day work—													
First hands	102.2	46.00	1	1	1	7 1/2-7 1/2-45				104.5	46.00	8	-4 -44
Second hands	97.8	44.00	1	1	1	7 1/2-7 1/2-45				100.0	44.00	8	-4 -44
Third hands	93.3	42.00	1	1	1	7 1/2-7 1/2-45				95.5	42.00	8	-4 -44
Night work—													
First hands	109.5	46.00	1	1	1	7 -7 -42				109.5	46.00	17	-0 -42
Second hands	104.8	44.00	1	1	1	7 -7 -42				104.8	44.00	17	-0 -42
Third hands	100.0	42.00	1	1	1	7 -7 -42				100.0	42.00	17	-0 -42
Scandinavian bakeries—													
Oven men and mixers, 2 men	100.0	48.00	2	2	2	8 -8 -48				100.0	48.00	18	-0 -48
First hands, more than 2 men	108.3	52.00	2	2	2	8 -8 -48				108.3	52.00	8	-0 -48
Second hands, more than 2 men	100.0	48.00	2	2	2	8 -8 -48				100.0	48.00	8	-0 -48
Bench hands, more than 2 men	93.8	45.00	2	2	2	8 -8 -48				93.8	45.00	8	-0 -48
Peoria, Ill.:													
Foremen, day work	83.3	40.00	100c.	1	2	8 -8 -48							
Benchmen, day work	64.6	31.00	100c.	1	2	8 -8 -48							
Oven men and mixers, day work	68.8	33.00	100c.	1	2	8 -8 -48							
Foremen, night work	93.8	45.00	100c.	1	2	8 -8 -48				93.8	45.00	18	-0 -48
Benchmen, night work	70.8	34.00	100c.	1	2	8 -8 -48				70.8	34.00	18	-0 -48
Oven men and mixers, night work	77.1	37.00	100c.	1	2	8 -8 -48				77.1	37.00	18	-0 -48
Philadelphia, Pa.:													
First hands	93.8	45.00	1 1/2		(9)	8 -8 -48				93.8	45.00	8	-8 -48
Second hands, benchmen	72.9	35.00	1 1/2		(9)	8 -8 -48				72.9	35.00	8	-8 -48
Mixers and oven men	83.3	40.00	1 1/2		(9)	8 -8 -48				83.3	40.00	8	-8 -48
Hebrew bakeries—													
Foremen or oven men	140.0	63.00	Pro.	Pro.	(9)	7 1/2-7 1/2-45				140.0	63.00	7 1/2-7 1/2-45	
Second hands or mixers	133.3	60.00	Pro.	Pro.	(9)	7 1/2-7 1/2-45				133.3	60.00	7 1/2-7 1/2-45	
Third hands	122.2	55.00	Pro.	Pro.	(9)	7 1/2-7 1/2-45				122.2	55.00	7 1/2-7 1/2-45	
Pittsburgh, Pa.:													
Foremen	13 91.0	13 43.70	1 1/2	Pro.	1 1/2	8 -8 -48				13 91.0	13 43.70	8	-8 -48
Benchmen	13 71.9	13 34.50	1 1/2	Pro.	1 1/2	8 -8 -48				13 71.9	13 34.50	8	-8 -48
Mixers and oven men	13 78.1	13 37.50	1 1/2	Pro.	1 1/2	8 -8 -48				13 78.1	13 37.50	8	-8 -48
Helpers	13 58.3	13 28.00	1 1/2	Pro.	1 1/2	8 -8 -48				13 58.3	13 28.00	8	-8 -48
Hebrew bakeries—													
First hands	129.2	62.00	1 1/2	1 1/2	1 1/2	8 -8 -48				129.2	62.00	8	-8 -48
Second hands	122.9	59.00	1 1/2	1 1/2	1 1/2	8 -8 -48				122.9	59.00	8	-8 -48
Benchmen	114.6	55.00	1 1/2	1 1/2	1 1/2	8 -8 -48				114.6	55.00	8	-8 -48
Portland, Oreg.:													
Foremen	13 87.5	13 42.00	1 1/2	1 1/2	1 1/2	8 -8 -48			13	13 87.5	13 42.00	8	-8 -48
Benchmen and machine hands	13 79.3	13 38.00	1 1/2	1 1/2	1 1/2	8 -8 -48				13 79.3	13 38.00	8	-8 -48
Oven men and mixers	13 83.3	13 40.00	1 1/2	1 1/2	1 1/2	8 -8 -48			13	13 83.3	13 40.00	8	-8 -48
Helpers	13 52.1	13 25.00	1 1/2	1 1/2	1 1/2	8 -8 -48				13 52.1	13 25.00	8	-8 -48
Providence, R. I.:													
Hebrew bakeries—													
Foremen	114.6	55.00	1		(9)	18 -0 -48				110.4	53.00	18	-0 -48
Second hands and bench hands	104.2	50.00	1		(9)	18 -0 -48				100.0	48.00	18	-0 -48

¹ Work on Sunday.² Holidays off with pay.³ Hebrew holidays off with pay.⁴ For work performed between 6 p. m. and 6 a. m., 10 cents additional per hour.⁵ For work performed between 8 p. m. and 4 a. m., 12 1/2 cents additional per hour.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BAKERY TRADES—Continued

BAKERS—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday, full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday, full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Rochester, N. Y.:	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Foremen or first hands.....	85.4	41.00	1 1/4	2	2	8 -8 -48				85.4	41.00	8 -8 -48
Second hands, dough mixers, and oven men.....	79.2	38.00	1 1/4	2	2	8 -8 -48				79.2	38.00	8 -8 -48
Third hands.....	75.0	36.00	1 1/4	2	2	8 -8 -48				75.0	36.00	8 -8 -48
Helpers.....	52.1	25.00	1 1/4	2	2	8 -8 -48				52.1	25.00	8 -8 -48
Rock Island (Ill.) district:												
Day work—												
Foremen, 2 or more men.....	91.7	44.00	1 1/4	Pro.	2	8 -8 -48		43	102.1 to 112.5	91.7	44.00	18 -0 -48
Bench foremen, oven men, or mixers.....	79.2	38.00	1 1/4	Pro.	2	8 -8 -48				79.2	38.00	18 -0 -48
Benchmen.....	62.5	30.00	1 1/4	Pro.	2	8 -8 -48				62.5	30.00	18 -0 -48
Night work—												
Foreman, 2 or more men.....	104.2	50.00	1 1/4	Pro.	2	8 -8 -48		43	114.6 to 125.0	104.2	50.00	8 -8 -48
Benchmen.....	75.0	36.00	1 1/4	Pro.	2	8 -8 -48				75.0	36.00	8 -8 -48
Oven men and dough mixers.....	91.7	44.00	1 1/4	Pro.	2	8 -8 -48				91.7	44.00	8 -8 -48
St. Louis, Mo.:												
Hand bakeries—												
Foremen, less than 5 men.....	18 74.1	18 40.00	1 1/4	Pro.	1	19 -0 -54				18 74.1	18 40.00	19 -0 -54
Second hands or benchmen.....	18 66.7	18 36.00	1 1/4	Pro.	1	19 -0 -54				18 66.7	18 36.00	19 -0 -54
Machine bakeries—												
Foremen, 5 or more men.....	18 91.7	18 44.00	1 1/4	Pro.	1	18 -0 -48				18 91.7	18 44.00	18 -0 -48
Benchmen or machine hands.....	18 75.0	18 36.00	1 1/4	Pro.	1	18 -0 -48				18 75.0	18 36.00	18 -0 -48
First benchmen, 5 or more men.....	18 77.1	18 37.00	1 1/4	Pro.	1	18 -0 -48				18 77.1	18 37.00	18 -0 -48
Oven men or spongers, 5 or more men.....	18 83.3	18 40.00	1 1/4	Pro.	1	18 -0 -48				18 83.3	18 40.00	18 -0 -48
Assistant spongers.....	18 79.2	18 38.00	1 1/4	Pro.	1	18 -0 -48				18 79.2	18 38.00	18 -0 -48
Helpers.....	18 60.4	18 29.00	1 1/4	Pro.	1	8 -8 -48				18 60.4	18 29.00	18 -0 -48
Bread counters.....	18 62.5	18 30.00	1 1/4	Pro.	1	8 -8 -48				18 62.5	18 30.00	18 -0 -48
Hebrew bakeries—												
Foremen, 1 oven.....	125.0	60.00	150c.	1	2	18 -8 -48				125.0	60.00	18 -0 -48
Second hands and benchmen.....	104.2	50.00	150c.	1	2	18 -8 -48				104.2	50.00	18 -0 -48

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES

ASBESTOS WORKERS

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Atlanta, Ga.	100.0	44.00	1½	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Baltimore, Md.	150.0	60.00	2	2	2	8 -0 -40	12		137.5	55.00	8 -0 -40	
Birmingham, Ala.	125.0	50.00	2	2	2	8 -0 -40	12		125.0	50.00	8 -0 -40	
Boston, Mass.	150.0	60.00	2	2	2	8 -0 -40	12		137.5	55.00	8 -0 -40	
Bridgeport, Conn.	137.5	55.00	2	2	2	8 -0 -40	12		125.0	55.00	8 -4 -44	
Buffalo, N. Y.	150.0	66.00	2	2	2	8 -4 -44	12	10 162.5	137.5	60.50	8 -4 -44	
Chicago, Ill.	162.5	71.50	2	2	2	8 -4 -44	12		162.5	71.50	8 -4 -44	
Cincinnati, Ohio.	132.5	58.30	1½	2	2	8 -4 -44	12		130.0	57.20	8 -4 -44	
Cleveland, Ohio.	137.5	55.00	1½	2	2	8 -0 -40	12		137.5	60.50	8 -4 -44	
Dallas, Tex.	131.3	57.75	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Denver, Colo.	112.5	49.50	2	2	2	8 -4 -44	12		112.5	49.50	8 -4 -44	
Des Moines, Iowa.	100.0	44.00	1½	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Detroit, Mich.	137.5	60.50	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Houston, Tex.	131.3	52.50	2	2	2	8 -0 -40	12		125.0	55.00	8 -4 -44	
Indianapolis, Ind.	132.5	53.00	1½	1½	1½	8 -0 -40	12		132.5	58.30	8 -4 -44	
Kansas City, Mo.	115.0	50.60	2	2	2	8 -4 -44	12		115.0	50.60	8 -4 -44	
Los Angeles, Calif.	125.0	50.00	2	2	2	8 -0 -40	12	2 Up to 137.5	112.5	49.50	8 -4 -44	
Louisville, Ky.	125.0	55.00	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Milwaukee, Wis.	115.0	50.60	2	2	2	8 -4 -44	12		115.0	50.60	8 -4 -44	
Minneapolis, Minn.	118.0	51.92	1½	2	2	8 -4 -44	12		118.0	51.92	8 -4 -44	
Nashville, Tenn.	100.0	44.00	1½	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Newark, N. J.	165.0	66.00	2	2	2	8 -0 -40	12		150.0	66.00	8 -4 -44	
New Haven, Conn.	137.5	55.00	2	2	2	8 -0 -40	12		125.0	55.00	8 -4 -44	
New York, N. Y.	165.0	66.00	2	2	2	8 -0 -40	12		150.0	66.00	8 -4 -44	
Omaha, Nebr.	128.0	51.20	2	2	2	8 -0 -40	12		125.0	55.00	8 -4 -44	
Philadelphia, Pa.	137.5	60.50	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	

Pittsburgh, Pa.	156.3	68.75	1½	2	2	8	-4	-44	12			156.3	68.75	8	-4	-44
Portland, Oreg.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Providence, R. I.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Richmond, Va.	100.0	44.00	2	2	2	8	-4	-44	12							
Rochester, N. Y.	181.3	52.50	2	2	2	8	-0	-40	12			115.0	50.60	8	-4	-44
St. Louis, Mo.	145.0	63.80	2	2	2	8	-4	-44	12			145.0	63.80	8	-4	-44
St. Paul, Minn.	118.0	51.92	1½	2	2	8	-4	-44	12			118.0	51.92	8	-4	-44
San Francisco, Calif.	106.3	42.50	1½	2	2	8	-0	-40	12			106.3	46.75	8	-4	-44
Seattle, Wash.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Spokane, Wash.	112.5	45.00	1½	1½	1½	8	-0	-40	12			112.5	49.50	8	-4	-44
Springfield, Mass.	137.5	55.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Washington, D. C.	150.0	60.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40

BRICKLAYERS

Atlanta, Ga.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.	175.0	70.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
Birmingham, Ala.	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Boston, Mass.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Bridgeport, Conn.	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Buffalo, N. Y.	150.0	66.00	2	2	2	8	-4	-44	12	11	160.0 to 168.0	150.0	66.00	8	-4	-44
Butte, Mont.	162.5	65.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Charleston, S. C.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Chicago, Ill.	170.0	74.80	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Fireproofing and tile setting.	170.0	74.80	2	2	2	8	-4	-44	12			165.0	72.60	8	-4	-44
Cincinnati, Ohio	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Cleveland, Ohio	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Columbus, Ohio	156.3	68.75	2	2	2	8	-4	-44	12			156.3	68.75	8	-4	-44
Dallas, Tex.	175.0	70.00	1½	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Denver, Colo.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Des Moines, Iowa	150.0	60.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Detroit, Mich.	157.5	63.00	2	2	2	8	-0	-40	12			157.5	69.30	8	-4	-44
Erie, Pa.	156.3	68.75	1½	2	2	8	-4	-44	12			156.3	68.75	8	-4	-44
Fall River, Mass.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Grand Rapids, Mich.	180.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Houston, Tex.	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Indianapolis, Ind.	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Jacksonville, Fla.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Kansas City, Mo.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Little Rock, Ark.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Los Angeles, Calif.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Louisville, Ky.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Madison, Wis.	140.0	61.60	1½	2	2	8	-4	-44	12	4	150.0	137.5	60.50	8	-4	-44

* For Saturday afternoon, 1½.

* 44 hours per week September to March, inclusive.

* 43 hours per week September to March, inclusive.

* 44 hours per week November to April, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

BRICKLAYERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Manchester, N. H.	150.0	60.00	2	2	2	8 -0 -40	12	9 162.5	150.0	60.00	8 -0 -40	
Memphis, Tenn.	162.5	65.00	2	2	2	8 -0 -40	12		162.5	71.50	8 -4 -44	
Milwaukee, Wis.	140.0	61.60	2	2	2	8 -4 -44	12	17 170.5	140.0	61.60	8 -4 -44	
Minneapolis, Minn.	137.5	60.50	2	2	2	8 -4 -44	12	10 150.0	137.5	60.50	8 -4 -44	
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	150.0	60.00	2	2	2	8 -0 -40	12		150.0	60.00	8 -4 -44	
Nashville, Tenn.	150.0	66.00	1½	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
Newark, N. J.	193.8	77.50	2	2	2	8 -0 -40	12		175.0	77.00	8 -4 -44	
New Haven, Conn.	150.0	66.00	2	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
New Orleans, La.	150.0	66.00	1½	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
New York, N. Y.	192.5	77.00	2	2	2	8 -0 -40	12		187.5	75.00	8 -0 -40	
Norfolk (Va.) district.	150.0	66.00	2	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
Omaha, Nebr.	125.0	55.00	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Peoria, Ill.	150.0	66.00	2	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
Philadelphia, Pa.	175.0	70.00	2	2	2	8 -0 -40	12		162.5	65.00	8 -4 -44	
Pittsburgh, Pa.	175.0	70.00	2	2	2	8 -0 -40	12		170.0	74.80	8 -4 -44	
Portland, Me.	140.0	61.60	2	2	2	8 -4 -44	12		139.1	61.20	8 -4 -44	
Portland, Oreg.	150.0	60.00	2	2	2	8 -0 -40	12		160.0	60.00	8 -0 -40	
Providence, R. I.	150.0	66.00	2	2	2	8 -4 -44	12	2 Up to 170.5	150.0	66.00	8 -4 -44	
Reading, Pa.	150.0	66.00	1½	2	2	8 -4 -44	12	7 160.0-170.0	150.0	66.00	8 -4 -44	
Richmond, Va.	150.0	66.00	2	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
Rochester, N. Y.	143.8	57.50	2	2	2	8 -0 -40	12		143.8	63.25	8 -4 -44	
Rock Island (Ill.) district.	150.0	66.00	2	2	2	8 -4 -44	12		150.0	66.00	8 -4 -44	
Saginaw, Mich.	150.0	60.00	2	2	2	8 -0 -40	12		150.0	60.00	8 -4 -44	
St. Louis, Mo.	175.0	77.00	2	2	2	8 -4 -44	12	15 187.5	175.0	77.00	8 -4 -44	
St. Paul, Minn.	125.0	55.00	2	2	2	8 -4 -44	12	7 137.5	125.0	55.00	8 -4 -44	

Salt Lake City, Utah.....	137.5	60.50	1½	2	2	8	-4	-44			137.5	60.50	8	-4	-44	
San Francisco, Calif.....	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Scranton, Pa.....	150.0	66.00	2	2	2	8	-4	-44	12	11	162.5	66.00	8	-4	-44	
Seattle, Wash.....	150.0	60.00	2	2	2	8	-0	-40	12		150.0	60.00	8	-0	-40	
Spokane, Wash.....	150.0	60.00	1½	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Springfield, Mass.....	162.5	71.50	2	2	2	8	-4	-44	12	14	175.0 to 204.5	162.5	71.50	8	-4	-44
Toledo, Ohio.....	162.5	71.50	1½	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	
Washington, D. C.....	175.0	70.00	2	2	2	8	-0	-40	12		162.5	71.50	8	-4	-44	
Wichita, Kans.....	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
Worcester, Mass.....	150.0	66.00	2	2	2	8	-4	-44	12	17	162.5	150.0	66.00	8	-4	-44
York, Pa.....	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Youngstown, Ohio.....	162.5	71.50	1½	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	

BRICKLAYERS: SEWER, TUNNEL, AND CAISSON

Bridgeport, Conn.	181.3	72.50	2	2	2	8	-0	-40	12							
Chicago, Ill.	225.0	99.00	2	2	2	8	-4	-44	12		225.0	99.00	8	-4	-44	
Cleveland, Ohio	200.0	80.00	2	2	2	8	-0	-40	12		200.0	88.00	8	-4	-44	
Denver, Colo.	162.5	71.50	2	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	
Detroit, Mich.	187.5	75.00	2	2	2	8	-0	-40	12		225.0	99.00	8	-4	-44	
Los Angeles, Calif.	150.0	60.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Louisville, Ky.	150.0	60.00	2	2	2	8	-0	-40	12		125.0	50.00	8	-0	-40	
Milwaukee, Wis.	150.0	66.00	2	2	2	8	-4	-44	12	20	181.3	150.0	66.00	8	-4	-44
New Haven, Conn.	162.5	71.50	2	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	
New Orleans, La.	175.0	77.00	1½	2	2	8	-4	-44	12		175.0	77.00	8	-4	-44	
Peoria, Ill.	175.0	77.00	2	2	2	8	-4	-44	12							
St. Louis, Mo.	175.0	77.00	2	2	2	8	-4	-44	12		175.0	77.00	8	-4	-44	
San Francisco, Calif.	150.0	60.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Seattle, Wash.	162.5	65.00	2	2	2	8	-0	-40	12		162.5	65.00	8	-0	-40	

BUILDING LABORERS

Boston, Mass.....	80.0	38.40	1	2	2	8	-8	-48			80.0	38.40	8	-8	-48
Bridgeport, Conn.....	76.8	36.07	1½	2	1½	8½	-4½	-47	12		76.8	36.07	8½	-4½	-47
Buffalo, N. Y.....	55.0	24.20	1½	2	2	8	-4	-44	12						
Butte, Mont.....	71.9	34.50	1½	Pro.	1½	8	-8	-48			71.9	34.50	8	-8	-48
Chicago, Ill.....	97.5	42.90	1½	2	2	8	-4	-44	12		90.0	39.60	8	-4	-44
Caisson digging.....	127.5	56.10	1½	2	2	8	-4	-44	12		120.0	52.80	8	-4	-44
Windlass, niggerhead.....	112.5	49.50	1½	2	2	8	-4	-44	12		105.0	46.20	8	-4	-44
Cincinnati, Ohio.....	60.0	30.00	1½	2	2	9	-5	-50	12		60.0	30.00	9	-5	-50
Cleveland, Ohio.....	87.5	35.00	1½	2	2	8	-0	-40	12		87.5	38.50	8	-4	-44
Des Moines, Iowa.....	67.5	27.00	1½	2	2	8	-0	-40	12		67.5	29.70	8	-4	-44
Mortar mixers.....	77.5	31.00	1½	2	2	8	-0	-40	12		77.5	34.10	8	-4	-44
Detroit, Mich.....	60.0	26.40	1½	1½	1½	8	-4	-44	12		60.0	26.40	8	-4	-44

²² For Saturday afternoon, 1½.

²⁷ 40 hours per week June to August, inclusive.

²⁸ 44 hours per week September to April, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

BUILDING LABORERS—Continued

City	May 15, 1930								May 15, 1929						
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multiplied by--					Cents per hour	Cents	Dollars					
Kansas City, Mo.	75.0	33.00	1½	2	3½	8	4	12		75.0	33.00	8	4	44	
Caisson men	85.0	37.40	1½	2	3½	8	4	12							
Los Angeles, Calif.	62.5	25.00	2	2	2	8	0	40	10	Up to 75.0	62.5	27.50	8	4	44
Louisville, Ky.	50.0	22.00	1½	2	2	8	4	44		50.0	22.00	8	4	44	
Milwaukee, Wis.	75.0	33.00	1½	2	3½	8	4	44	5	80.0 to 90.0	75.0	33.00	8	4	44
Scaffold builders and mortar mixers	85.0	37.40	1½	2	3½	8	4	44	13	90.0 to 95.0	85.0	37.40	8	4	44
Minneapolis, Minn.	65.0	28.60	1½	2	2	8	4	44		65.0	28.60	8	4	44	
Newark, N. J.	125.0	50.00	2	2	2	8	0	44		112.5	49.50	8	4	44	
New Haven, Conn.	75.0	33.00	1½	1½	1½	8	4	44		75.0	33.00	8	4	44	
New York, N. Y.:															
Rate A.	135.0	59.40	1½	1½	3½	8	4	44	12		130.0	57.20	8	4	44
Rate B.	125.0	55.00	1½	2	3½	8	4	44			120.0	52.80	8	4	44
Excavators.	103.1	41.25	1½	2	2	8	0	40	12		93.8	41.25	8	4	44
Peoria, Ill.	75.0	33.00	1½	2	2	8	4	44	12		75.0	33.00	8	4	44
Philadelphia, Pa.	50.0	22.00	1	1	1	8	4	44	12		60.0	26.40	8	4	44
Pittsburgh, Pa.	80.0	35.20	1½	2	3½	8	4	44	12		80.0	35.20	8	4	44
Skilled	112.5	49.50	1½	2	3½	8	4	44	12		112.5	49.50	8	4	44
Portland, Me.	60.0	29.40				9	4	49	12		60.0	32.40	9	4	54
Portland, Ore.	75.0	30.00	1½	2	2	8	0	40	12		68.8	30.25	8	4	44
Providence, R. I.: Scaffold Builders	65.0	32.50	1½	2	3½	9	5	50							
Rochester, N. Y.	70.0	30.80	1	1	1	8	4	44	12		70.0	30.80	8	4	44
St. Louis, Mo.	87.5	38.50	1½	2	2	8	4	44	12		87.5	38.50	8	4	44
Concrete block men	87.5	38.50	1½	2	2	8	4	44	12		92.5	40.70	8	4	44
Concrete, asphalt, and cork workers	87.5	38.50	1½	2	2	8	4	44	12		87.5	38.50	8	4	44
Wrecking laborers	61.3	26.95	1½	2	2	8	4	44	12		61.5	27.06	8	4	44
St. Paul, Minn.	55.0	24.20	1½	2	2	8	4	44	12		55.0	24.20	8	4	44

San Francisco, Calif.	68.8	30.25	2	2	2	8	-4	-44	12		68.8	30.25	8	-4	-44	
Concrete work	75.0	33.00	2	2	2	8	-4	-44	12		75.0	33.00	8	-4	-44	
Scranton, Pa.	70.0	33.60	1 1/2	2	2	8	-6	-48			70.0	33.60	8	-6	-48	
Excavating	70.0	37.80	1 1/2	2	2	9	-0	-54			70.0	37.80	9	-0	-54	
Seattle, Wash.	70.0	30.80	1 1/2	2	2	8	-4	-44	12		70.0	30.80	8	-4	-44	
Mortar mixers	82.5	33.00	2	2	2	8	-0	-40	12		82.5	33.00	8	-0	-40	
Spokane, Wash.	70.0	28.00	1 1/2	2	2	8	-0	-40	12		70.0	30.80	8	-4	-44	
Springfield, Mass.	100.0	44.00	2	2	2	8	-4	-44	12	17	110.0	100.0	44.00	8	-4	-44
Toledo, Ohio.	65.0	28.60	1 1/2	2	2	8	-4	-44	12		65.0	28.60	8	-4	-44	
Worcester, Mass.: Scaffold builders	100.0	44.00	1 1/2	2	2	8	-4	-44	12	52	110.0 to 125.0	100.0	44.00	8	-4	-44
Youngstown, Ohio.	72.5	34.80	1 1/2	2	2	8	-6	-48			72.5	34.80	8	-6	-48	

CARPENTERS

Atlanta, Ga.	80.0	35.20	2	2	2	8	-4	-44	12		80.0	35.20	8	-4	-44	
Baltimore, Md.	110.0	44.00	2	2	2	8	-0	-40	12		110.0	44.00	8	-0	-40	
Birmingham, Ala.	100.0	40.00	1½	2	2	8	-0	-40	12		100.0	44.00	8	-4	-44	
Boston, Mass.	137.5	60.50	2	2	2	8	-4	-44	12	9	Up to 162.5	137.5	60.50	8	-4	-44
Bridgeport, Conn.	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Buffalo, N. Y.	125.0	55.00	2	2	2	8	-4	-44	12	6	135.0	125.0	55.00	8	-4	-44
Butte, Mont.	125.0	50.00	2	2	2	8	-0	-40	12		125.0	55.00	8	-4	-44	
Charleston, S. C.:																
Union A.	60.0	26.40	1½	2	2	8	-4	-44	12		60.0	26.40	8	-4	-44	
Union B.	75.0	33.00	1½	2	2	8	-4	-44	12		75.0	33.00	8	-4	-44	
Chicago, Ill.	162.5	71.50	2	2	2	8	-4	-44	12		150.0	60.00	8	-4	-44	
Cincinnati, Ohio.	140.0	62.30	1½	2	2	8	-4½	-44½	12	8		137.5	61.19	8	-4½	-44½
Cleveland, Ohio.	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Columbus, Ohio.	100.0	44.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Dallas, Tex.	112.5	49.50	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Denver, Colo.	125.0	50.00	2	2	2	8	-0	-40	12		125.0	50.00	8	-0	-40	
Des Moines, Iowa.	112.5	45.00	2	2	2	8	-0	-40	12	2	Not reported.	112.5	49.50	8	-4	-44
Detroit, Mich.	115.0	50.60	1½	2	2	8	-4	-44	12		115.0	50.60	8	-4	-44	
Erie, Pa.	115.0	46.00	1½	2	2	8	-0	-40	12		110.0	48.40	8	-4	-44	
Fall River, Mass.	100.0	44.00	2	2	2	8	-4	-44	12	13		100.0	44.00	8	-4	-44
Grand Rapids, Mich.	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Houston, Tex.	125.0	55.00	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
Indianapolis, Ind.	122.5	54.51	2	2	2	8	-4½	-44½	12		122.5	54.51	8	-4½	-44½	
Jacksonville, Fla.:																
Union A.	80.0	35.20	1½	2	2	8	-4	-44	12		80.0	35.20	8	-4	-44	
Union B.	70.0	30.80	1½	2	2	8	-4	-44	12		70.0	30.80	8	-4	-44	
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12	15	Up to 140.0.	125.0	55.00	8	-4	-44

22 For Saturday afternoon, 1 1/2.

22 44 hours per week September to April, inclusive.

22 40 hours per week October to April, inclusive.

22 Old scale in effect, strike pending.

22 For Saturday, 1 1/2.

22 For Saturday afternoon, 2.

GENERAL TABLE

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

CARPENTERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday, full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday, full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Little Rock, Ark.	100.0	44.00	1 1/2	1 1/2	1 1/2	8	4	12		100.0	44.00	8
Los Angeles, Calif.	100.0	44.00	1 1/2	2	2	8	4	12	10	125.0	44.00	8
Louisville, Ky.	112.5	49.50	1 1/2	2	2	8	4	12	20	Up to 125.0	44.00	8
Madison, Wis.	120.0	52.80	1 1/2	2	2	8	4	12	3	do.	48.40	8
Manchester, N. H.	100.0	44.00	1 1/2	2	2	8	4	12		100.0	44.00	8
Memphis, Tenn.	100.0	44.00	1 1/2	2	2	8	4	12		100.0	44.00	8
Milwaukee, Wis.	110.0	48.40	2	2	2	8	4	12	10	122.5 to 135.0	48.40	8
Minneapolis, Minn.	100.0	44.00	1 1/2	2	2	8	4	12	9	112.5	44.00	8
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	100.0	44.00	1 1/2	2	2	8	4	12		100.0	44.00	8
Nashville, Tenn.	90.0	39.60	1 1/2	2	2	8	4	12		90.0	39.60	8
Newark, N. J.	150.0	66.00	2	2	2	8	4	12		150.0	66.00	8
New Haven, Conn.	125.0	55.00	2	2	2	8	4	12		125.0	55.00	8
New Orleans, La.	90.0	39.60	1 1/2	2	2	8	4	12		90.0	39.60	8
New York, N. Y.	165.0	66.00	2	2	2	8	0	12		150.0	66.00	8
Norfolk, (Va.) district.	80.0	35.20	2	2	2	8	4	12		80.0	35.20	8
Omaha, Nebr.	100.0	44.00	2	2	2	8	4	12	11	120.0	44.00	8
Peoria, Ill.	120.0	52.80	2	2	2	8	4	12		120.0	52.80	8
Philadelphia, Pa.	125.0	55.00	2	2	2	8	4	12		125.0	55.00	8
Pittsburgh, Pa.	150.0	60.00	1 1/2	2	2	8	0	12		150.0	60.00	8
Portland, Me.	100.0	44.00	1 1/2	2	2	8	4	12		90.0	39.60	8
Portland, Oreg.	112.5	45.00	1 1/2	2	2	8	0	12		112.5	49.50	8
Providence, R. I.	117.5	51.70	2	2	2	8	4	12	10	117.5	51.70	8
Reading, Pa.	100.0	44.00	1 1/2	2	2	8	4	12	10	Not reported	44.00	8
Rochester, N. Y.	115.0	46.00	2	2	2	8	0	12	7	125.0	50.60	8
Rock Island, (Ill.) district.	120.0	52.80	2	2	2	8	4	12		112.5	49.50	8
Saginaw, Mich.	100.0	44.00	2	2	2	8	4	12		100.0	44.00	8

St. Louis, Mo.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
St. Paul, Minn.	100.0	44.00	2	2	2	8	-4	-44	12	4	112.5	100.0	44.00	8	-4	-44
Salt Lake City, Utah	112.5	49.50	1½	1½	1½	8	-4	-44	12			112.5	49.50	8	-4	-44
San Francisco, Calif.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-4	-44
Scranton, Pa.	118.8	52.25	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Seattle, Wash.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Spokane, Wash.	112.5	45.00	1½	2	2	8	-0	-40	12			112.5	45.00	8	-4	-44
Springfield, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	7	137.5 to 150.0	125.0	55.00	8	-4	-44
Toledo, Ohio	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Washington, D. C.	137.5	55.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Wichita, Kans.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Worcester, Mass.	110.0	48.40	2	2	2	8	-4	-44	12	34	115.0 to 150.0	110.0	48.40	8	-4	-44
York, Pa.	90.0	39.60	2	2	2	8	-4	-44	12	8	95.0 to 100.0	90.0	39.60	8	-4	-44
Youngstown, Ohio	137.5	55.00	1½	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40

CARPENTERS: MILLWRIGHTS

Baltimore, Md.	120.0	48.00	2	2	2	8	-0	-40	12			120.0	48.00	8	-0	-40
Buffalo, N. Y.	130.0	57.20	2	2	2	8	-4	-44	12			150.0	60.00	8	-4	-44
Chicago, Ill.	162.5	71.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Cleveland, Ohio	137.5	55.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Dallas, Tex.	125.0	55.00	2	2	2	8	-4	-44	12			115.0	50.60	8	-4	-44
Denver, Colo.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Detroit, Mich.	115.0	50.60	1½	2	2	8	-4	-44	12			115.0	50.60	8	-4	-44
Erie, Pa.	70.0	37.80	1½	2	2	9	-0	-54	12							
Houston, Tex.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12	9	Up to 140.0	125.0	55.00	8	-4	-44
Los Angeles, Calif.	100.0	44.00	1½	2	2	8	-4	-44	12	15	125.0	100.0	44.00	8	-4	-44
Manchester, N. H.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Memphis, Tenn.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Minneapolis, Minn.	100.0	44.00	1½	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Nashville, Tenn.	90.0	39.60	1½	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
New Orleans, La.	90.0	39.60	1½	2	2	8	-4	-44	12			110.0	48.40	8	-4	-44
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12			110.0	48.40	8	-4	-44
Omaha, Nebr.	110.0	48.40	2	2	2	8	-4	-44	12	17	125.0	110.0	48.40	8	-4	-44
Pittsburgh, Pa.	110.0	54.45	1½	2	2	9	-4½	-49½	12			150.0	60.00	8	-0	-40
St. Louis, Mo.	150.0	60.00	2	2	2	8	-0	-40	12			100.0	44.00	8	-4	-44
St. Paul, Minn.	100.0	44.00	2	2	2	8	-4	-44	12	4	112.5	112.5	49.50	8	-4	-44
San Francisco, Calif.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-4	-44
Seattle, Wash.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-4	-44
Washington, D. C.	106.3	46.75	2	2	2	8	-4	-44	12							

²³ For Saturday afternoon, 1½.

²⁷ 40 hours per week June to August, inclusive.

²⁸ 44 hours per week September to April, inclusive.

²⁹ 40 hour per week October to April, inclusive.

³² For Saturday afternoon, 2.

³³ Work on Saturday prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued
CARPENTERS: PARQUETRY FLOOR LAYERS

City	May 15, 1930										May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars				
Baltimore, Md.	110.0	44.00	2	2	2	8	0	12		120.0	48.00	8	0	40	
Birmingham, Ala.	110.0	44.00	1½	2	11 2	8	0	12		100.0	44.00	8	4	44	
Buffalo, N. Y.	125.0	55.00	2	2	2	8	4	12		125.0	55.00	8	4	44	
Cleveland, Ohio.	162.5	65.00	2	2	2	8	0	12		162.5	71.50	8	4	44	
Dallas, Tex.	125.0	55.00	2	2	2	8	4	12		125.0	55.00	8	4	44	
Detroit, Mich.	125.0	55.00	1½	2	2	8	4	12		125.0	55.00	8	4	44	
Houston, Tex.	125.0	55.00	2	2	2	8	4	12		137.5	60.50	8	4	44	
Indianapolis, Ind.	115.0	50.00	2	2	2	8	4	12							
Kansas City, Mo.	125.0	55.00	2	2	2	8	4	12							
Los Angeles, Calif.	112.5	49.50	1½	2	2	8	4	12	9	Up to 140.0					
Louisville, Ky.	112.5	49.50	1½	2	2	8	4	12	17	125.0	112.5	49.50	8	4	44
Manchester, N. H.	100.0	44.00	1½	2	2	8	4	12	100	Up to 125.0	100.0	44.00	8	4	44
Memphis, Tenn.	100.0	44.00	1½	2	2	8	4	12			100.0	44.00	8	4	44
Minneapolis, Minn.	100.0	44.00	1½	2	2	8	4	12	12	125.0	100.0	44.00	8	4	44
Nashville, Tenn.	90.0	39.60	1½	2	2	8	4	12			90.0	39.60	8	4	44
New York, N. Y.	165.0	66.00	2	2	2	8	0	12			150.0	66.00	8	4	44
Portland, Me.	100.0	44.00	1½	2	2	8	4	12			90.0	39.60	8	4	44
Portland, Oreg.	118.8	47.50	2	2	2	8	0	12			118.8	47.50	8	0	40
Rochester, N. Y.	115.0	46.00	2	2	2	8	0	12							
San Francisco, Calif.	112.5	45.00	2	2	2	8	0	12			112.5	49.50	8	4	44
Seattle, Wash.	125.0	50.00	2	2	2	8	0	12			125.0	50.00	8	0	40
Wichita, Kans.	100.0	44.00	1½	2	2	8	4	12							
Youngstown, Ohio.	162.5	65.00	2	2	11 2	8	0	12			162.5	65.00	8	0	40

CARPENTERS: WHARF AND BRIDGE

Baltimore, Md.	110.0	48.40	2	2	2	8	4	44	12			100.0	40.00	8	0	40
Boston, Mass.	127.5	58.10	2	2	2	8	4	44	12			127.5	58.10	8	4	44
Buffalo, N. Y.	125.0	55.00	2	2	2	8	4	44	12			125.0	55.00	8	4	44
Chicago, Ill.	162.5	71.50	2	2	2	8	4	44	12			150.0	66.00	8	4	44
Cleveland, Ohio.	125.0	50.00	2	2	2	8	0	40	12			125.0	55.00	8	4	44
Detroit, Mich.	110.0	48.40	1½	2	2	8	4	44	12			110.0	48.40	8	4	44
Houston, Tex.	125.0	55.00	2	2	2	8	4	44	12			112.5	49.50	8	4	44
Los Angeles, Calif.	100.0	44.00	1½	2	2	8	4	44	12	13	112.5	100.0	44.00	8	4	44
Manchester, N. H.	100.0	44.00	1½	2	2	8	4	44	12							
Memphis, Tenn.	100.0	44.00	1½	2	2	8	4	44	12							
Milwaukee, Wis.	105.0	46.20	1½	2	2	8	4	44	12	12	Up to 172.0	92.5	40.70	8	4	44
New Orleans, La.	80.0	35.20	2	2	2	8	4	44	12			80.0	35.20	8	4	44
New York, N. Y.	165.0	66.00	2	2	2	8	0	40	12			150.0	66.00	8	4	44
Philadelphia, Pa.	112.5	49.50	2	2	2	8	4	44	12			112.5	49.50	8	4	44
Pittsburgh, Pa.	120.0	48.00	1½	2	2	8	0	40	12			120.0	52.80	8	4	44
Pile drivers and dock builders.	125.0	55.00	2	2	2	8	4	44	12							
Portland, Oreg.	112.5	45.00	1½	2	2	8	0	40	12			112.5	49.50	8	4	44
St. Louis, Mo.	125.0	50.00	2	2	2	8	0	40	12			125.0	50.00	8	0	40
San Francisco, Calif.	112.5	45.00	2	2	2	8	0	40	12			112.5	49.50	8	4	44
Seattle, Wash.	112.5	45.00	2	2	2	8	0	40	12			112.5	49.50	8	4	44
Toledo, Ohio.	125.0	67.50	2	2	2	8	0	40	12							

CEMENT FINISHERS

Atlanta, Ga.	100.0	44.00	1½	2	2	8	4	44	12			100.0	44.00	8	4	44
Baltimore, Md.	137.5	55.00	2	2	2	8	0	40	12			125.0	50.00	8	0	40
Birmingham, Ala.	125.0	50.00	2	2	2	8	0	40	12			125.0	55.00	8	4	44
Boston, Mass.	137.5	60.50	2	2	2	8	4	44	12	18		137.5	60.50	8	4	44
Bridgeport, Conn.	175.0	70.00	2	2	2	8	0	40	12			162.5	71.50	8	4	44
Buffalo, N. Y.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
Butte, Mont.	162.5	65.00	2	2	2	8	0	40	12			162.5	65.00	8	0	40
Chicago, Ill.	162.5	71.50	1½	2	2	8	4	44	12			150.0	66.00	8	4	44
Cincinnati, Ohio.	132.5	58.98	1½	2	2	8	4	44	12	20		130.0	57.85	8	4	44½
Cleveland, Ohio.	137.5	55.00	2	2	2	8	0	40	12	48	150.0	137.5	60.50	8	4	44
Columbus, Ohio.	125.0	55.00	1½	2	2	8	4	44	12			125.0	55.00	8	4	44
Dallas, Tex.	137.5	66.00	1½	2	2	8	8	48	12			125.0	60.00	8	8	48
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	115.0	50.60	1½	2	2	8	4	44	12			115.0	50.60	8	4	44
Denver, Colo.	125.0	55.00	1½	2	2	8	4	44	12			125.0	55.00	8	4	44
Des Moines, Iowa.	125.0	50.00	2	2	Pro.	8	0	40	12			137.5	60.50	8	4	44
Detroit, Mich.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44

²² For Saturday afternoon, 1½.

²⁷ 40 hours per week June to August, inclusive.

²⁸ 44 hours per week September to April, inclusive.

²⁹ 40 hours per week October to April, inclusive.

³¹ For Saturday, 1½.

³² Work on Saturday prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

CEMENT FINISHERS—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars						
Erie, Pa.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Fall River, Mass.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Houston, Tex.	150.0	66.00	1½	1½	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Indianapolis, Ind.	117.5	51.70	1½	2	2	8	-4	-44	12		117.5	51.70	8	-4	-44	
Kansas City, Mo.	125.0	55.00	1½	2	2	8	-4	-44	12	20	135.0	125.0	55.00	8	-4	-44
Little Rock, Ark.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Los Angeles, Calif.	125.0	55.00	1½	2	2	8	-4	-44	12	20	Up to 137.5	125.0	55.00	8	-4	-44
Louisville, Ky.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Madison, Wis.	125.0	60.00	1½	2	2	8	-8	-48	12		125.0	60.00	8	-8	-48	
Manchester, N. H.	150.0	60.00	2	2	2	8	-0	-40	12		156.0	60.00	8	-0	-40	
Memphis, Tenn.	112.5	45.90	1½	2	2	8	-0	-40	12		112.5	49.50	8	-4	-44	
Milwaukee, Wis.	100.0	44.00	1½	2	2	8	-4	-44	12	33	125.0	100.0	44.00	8	-4	-44
Minneapolis, Minn.	125.0	55.00	1½	1½	1½	8	-4	-44	12		100.0	44.00	8	-4	-44	
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	150.0	60.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Nashville, Tenn.	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
Newark, N. J.	193.8	77.50	2	2	2	8	-0	-40	12		175.0	77.00	8	-4	-44	
New Haven, Conn.	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
New Orleans, La.	100.0	44.00	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12	4	181.3 to 206.3	150.0	66.00	8	-4	-44
Omaha, Nebr.	112.5	49.50	2	2	2	8	-4	-44	12	33	125.0	112.5	49.50	8	-4	-44
Peoria, Ill.	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Philadelphia, Pa.	125.0	55.00	2	2	2	8	-4	-44	12	36	Up to 137.5	125.0	55.00	8	-4	-44
Pittsburg, Pa.	135.0	59.40	2	2	2	8	-4	-44	12		135.0	59.40	8	-4	-44	
Portland, Me.	140.0	61.60	2	2	2	8	-4	-44	12		139.1	61.20	8	-4	-44	
Portland, Oreg.	112.5	45.00	1½	2	2	8	-0	-40	12		112.5	45.00	8	-0	-40	
Providence, R. I.	115.0	46.00	2	2	2	8	-0	-40	12	11	127.5	115.0	50.60	8	-4	-44

Reading, Pa.	125.0	55.00	2	2	2	8	-	-44	12			125.0	55.00	8	-	-44
Richmond, Va.	125.0	55.00	2	2	2	8	-	-44	12			125.0	55.00	8	-	-44
Rochester, N. Y.	137.5	55.00	2	2	2	8	-	-40	12			143.8	63.25	8	-	-44
Rock Island (Ill.) district	125.0	55.00	2	2	2	8	-	-44	12			112.5	49.50	8	-	-44
St. Louis, Mo.	157.5	63.00	2	2	2	8	-	-40	12	10	170.0 to 187.5	150.0	60.00	8	-	-40
St. Paul, Minn.	125.0	55.00	1 1/2	2	2	8	-	-44	12			100.0	44.00	8	-	-44
Salt Lake City, Utah	112.5	49.50	1 1/2	1 1/2	1 1/2	8	-	-44	12			112.5	49.50	8	-	-44
San Francisco, Calif.	112.5	45.00	2	2	2	8	-	-40	12			112.5	49.50	8	-	-44
Scranton, Pa.	150.0	60.00	2	2	2	8	-	-40	12			150.0	60.00	8	-	-40
Seattle, Wash.	112.5	49.50	1 1/2	2	2	8	-	-44	12			112.5	49.50	8	-	-44
Spokane, Wash.	125.0	50.00	2	2	2	8	-	-40	12			125.0	55.00	8	-	-44
Springfield, Mass.	162.5	71.50	1 1/2	2	2	8	-	-44	12			162.5	71.50	8	-	-44
Toledo, Ohio.	150.0	65.00	1 1/2	2	2	8	-	-44	12			150.0	66.00	8	-	-44
Washington, D. C.	125.0	55.00	1 1/2	2	2	8	-	-44	12			112.5	49.50	8	-	-44
Wichita, Kans.	137.5	60.50	2	2	2	8	-	-44	12			137.5	60.50	8	-	-44
Worcester, Mass.	150.0	65.00	1 1/2	2	2	8	-	-44	12			150.0	66.00	8	-	-44
Youngstown, Ohio.	125.0	50.00	1 1/2	Pro.	2	8	-	-40	12			125.0	50.00	8	-	-40

COMPOSITION ROOFERS

Baltimore Md.:																
Foremen	110.0	44.00	1 1/2	2	2	8	-	-40	12							
Second hands	85.0	34.00	1 1/2	2	2	8	-	-40	12							
Third and pot hands	70.0	28.00	1 1/2	2	2	8	-	-40	12							
Boston, Mass.	137.5	60.50	2	2	2	8	-	-44	12	20	Up to 150.0.	137.5	60.50	8	-	-44
Chicago, Ill.	170.0	74.80	1 1/2	2	2	8	-	-44	12	12	Not reported	156.3	68.75	8	-	-44
Cincinnati, Ohio.	115.0	51.18	1 1/2	2	2	8	-	-44 1/2	12			112.5	50.00	8	-	-44 1/2
Foremen	125.0	55.63	1 1/2	2	2	8	-	-44 1/2	12			122.5	54.51	8	-	-44 1/2
Cleveland, Ohio.	140.0	56.00	1 1/2	2	2	8	-	-40	12			140.0	61.60	8	-	-44 1/2
Foremen	150.0	60.00	1 1/2	2	2	8	-	-40	12			150.0	66.00	8	-	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio	100.0	44.00	2	2	2	8	-	-44	12			97.5	42.90	8	-	-44
Foremen	110.0	48.40	2	2	2	8	-	-44	12			107.5	47.30	8	-	-44
Denver, Colo.	100.0	44.00	1 1/2	2	2	8	-	-44	12			100.0	44.00	8	-	-44
Foremen	112.5	49.50	1 1/2	2	2	8	-	-44	12							
Kansas City, Mo.	100.0	44.00	1 1/2	2	2	8	-	-44	12			100.0	44.00	8	-	-44
Foremen	125.0	55.00	1 1/2	2	2	8	-	-44	12			125.0	55.00	8	-	-44
Los Angeles, Calif.	87.5	38.50	1 1/2	2	2	8	-	-44	12			87.5	38.50	8	-	-44
Minneapolis, Minn.	100.0	44.00	1 1/2	2	2	8	-	-44	12							
Moline, Ill. (See Rock Island (Ill.) district.)																
Newark, N. J.	151.3	60.50	2	2	2	8	-	-40	12			150.0	60.00	8	-	-40
Foremen	165.0	66.00	2	2	2	8	-	-40	12			165.0	66.00	8	-	-40
New York, N. Y.	151.3	60.50	2	2	2	8	-	-40	12			137.5	60.50	8	-	-44
Foremen	158.1	63.25	2	2	2	8	-	-40	12			143.8	63.25	8	-	-44
Philadelphia, Pa.	110.0	48.40	1 1/2	1 1/2	1 1/2	8	-	-44	12							

* For Saturday afternoon, 1 1/2.

* 40 hours per week June to August, inclusive.

* Work on Saturday afternoon prohibited.

* Work on Saturday and Labor Day prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
BUILDING TRADES—Continued
COMPOSITION ROOFERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars	
Pittsburg, Pa.	130.0	57.20	1½	2	2	8 -4 -44	12			130.0	57.20	8 -4 -44
Foremen	140.0	61.60	1½	2	2	8 -4 -44	12			140.0	61.60	8 -4 -44
Portland, Oreg.	112.5	49.50	1½	2	2	8 -4 -44	12			106.3	46.75	8 -4 -44
Rochester, N. Y.	105.0	42.00	1½	2	2	8 -0 -40	7	33	137.5	105.0	42.00	8 -4 -44
Rock Island (Ill.) district	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Foremen	137.5	60.50	1½	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
St. Louis, Mo.	137.5	60.50	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Foremen	150.0	66.00	2	2	2	8 -4 -44	12			135.0	59.40	8 -4 -44
St. Paul, Minn.	100.0	44.00	1½	2	2	8 -4 -44	12			80.0	35.20	8 -4 -44
Foremen	110.0	48.40	1½	2	2	8 -4 -44	12			90.0	39.60	8 -4 -44
San Francisco, Calif.	100.0	40.00	1½	2	2	8 -0 -40	12			100.0	44.00	8 -4 -44
Scranton, Pa.	100.0	44.00	1½	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
Foremen	112.5	49.50	1½	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Seattle, Wash.	112.5	45.00	1½	2	2	8 -0 -40	12			112.5	45.00	8 -0 -40
Foremen	125.0	50.00	1½	2	2	8 -0 -40	12			125.0	50.00	8 -0 -40
Youngstown, Ohio.	140.0	56.00	1½	2	2	8 -0 -40	12			135.0	54.00	8 -0 -40
COMPOSITION ROOFERS' HELPERS												
Boston, Mass.	90.0	39.60	2	2	2	8 -4 -44	12			90.0	39.60	8 -4 -44
Kansas City, Mo.	65.0	28.60	1½	2	2	8 -4 -44	12			65.0	28.60	8 -4 -44
Philadelphia, Pa.	90.0	39.60	1½	1½	1½	8 -4 -44	12					
Rochester, N. Y.	60.0	24.00	1½	2	2	8 -0 -40	12					
Scranton, Pa.	62.5	27.50	1½	2	2	8 -4 -44	12			62.5	27.50	8 -4 -44
Youngstown, Ohio.	95.0	38.00	1½	2	2	8 -0 -40	12			90.0	36.00	8 -0 -40

ELEVATOR CONSTRUCTORS

Atlanta, Ga.	127.5	56.10	2	2	2	8	-4	-44	12			123.0	54.12	8	-4	-44
Baltimore, Md.	160.5	64.20	2	2	2	8	-0	-40	12			153.0	67.32	8	-4	-44
Birmingham, Ala.	135.0	54.00	2	2	2	8	-0	-40	12			135.0	54.00	8	-0	-40
Boston, Mass.	150.0	66.00	2	2	2	8	-4	-44	12			143.0	62.92	8	-4	-44
Buffalo, N. Y.	147.5	64.90	2	2	2	8	-4	-44	12	2	152.5	141.0	62.04	8	-4	-44
Butte, Mont.	130.0	57.20	2	2	2	8	-4	-44	12			130.0	57.20	8	-4	-44
Chicago, Ill.	168.5	74.14	2	2	2	8	-4	-44	12			160.0	70.40	8	-4	-44
Cincinnati, Ohio	146.5	64.46	2	2	2	8	-4	-44	12			145.0	63.80	8	-4	-44
Cleveland, Ohio	155.0	62.00	2	2	2	8	-0	-40	12			155.0	66.20	8	-4	-44
Columbus, Ohio	148.0	65.12	2	2	2	8	-4	-44	12			146.0	64.24	8	-4	-44
Dallas, Tex.	150.0	66.00	2	2	2	8	-4	-44	12			145.0	63.86	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Denver, Colo.	140.0	61.60	2	2	2	8	-4	-44	12			140.0	61.60	8	-4	-44
Des Moines, Iowa	137.5	60.50	2	2	2	8	-4	-44	12			134.0	58.96	8	-4	-44
Detroit, Mich.	154.0	67.76	2	2	2	8	-4	-44	12			151.0	66.44	8	-4	-44
Grand Rapids, Mich.	130.0	57.20	2	2	2	8	-4	-44	12			130.0	57.20	8	-4	-44
Houston, Tex.	148.0	65.12	2	2	2	8	-4	-44	12			143.0	65.12	8	-4	-44
Indianapolis, Ind.	153.0	67.32	2	2	2	8	-4	-44	12			152.0	66.96	8	-4	-44
Jacksonville, Fla.	198.0	56.32	2	2	2	8	-4	-44	12			128.0	56.32	8	-4	-44
Kansas City, Mo.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Little Rock, Ark.	127.5	56.10	2	2	2	8	-4	-44	12			127.5	56.10	8	-4	-44
Los Angeles, Calif.	127.5	56.10	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Louisville, Ky.	140.0	61.60	2	2	2	8	-4	-44	12			140.0	61.60	8	-4	-44
Memphis, Tenn.	144.0	63.36	2	2	2	8	-4	-44	12			139.5	61.38	8	-4	-44
Milwaukee, Wis.	130.5	57.42	2	2	2	8	-4	-44	12	8	Not reported	129.5	56.96	8	-4	-44
Minneapolis, Minn.	130.0	57.20	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Newark, N. J.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
New Orleans, La.	130.0	57.20	2	2	2	8	-4	-44	12			129.0	55.76	8	-4	-44
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Omaha, Nebr.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Peoria, Ill.	135.0	59.40	2	2	2	8	-4	-44	12			135.0	59.40	8	-4	-44
Philadelphia, Pa.	160.5	64.20	2	2	2	8	-0	-40	12			146.0	64.24	8	-4	-44
Pittsburgh, Pa.	162.0	64.80	2	2	2	8	-0	-40	12			161.0	70.84	8	-4	-44
Portland, Ore.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Providence, R. I.	135.0	59.40	2	2	2	8	-4	-44	12			135.0	59.40	8	-4	-44
Richmond, Va.	120.0	52.80	2	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
Rochester, N. Y.	136.0	59.84	2	2	2	8	-4	-44	12	7	146.0	134.0	58.96	8	-4	-44
Rock Island (Ill.) district.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
St. Louis, Mo.	170.5	75.02	2	2	2	8	-4	-44	12			162.0	64.80	8	-0	-40
St. Paul, Minn.	130.0	57.20	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
San Francisco, Calif.	130.0	52.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Seattle, Wash.	137.5	60.50	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Springfield, Mass.	143.0	62.92	2	2	2	8	-4	-44	12			143.0	62.92	8	-4	-44
Toledo, Ohio	140.0	61.60	2	2	2	8	-4	-44	12			148.0	61.60	8	-4	-44
Washington, D. C.	158.0	63.20	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Worcester, Mass.	137.5	60.50	2	2	2	8	-4	-44	12			127.5	56.10	8	-4	-44
Wichita, Kans.	125.0	55.00	2	2	2	8	-4	-44	12							

²² For Saturday afternoon, 1½.

²³ 44 hours per week September to April, inclusive.

²⁴ 44 hours per week, December to April, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

ELEVATOR CONSTRUCTORS' HELPERS

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Atlanta, Ga.	89.0	39.16	2	2	2	8 -4 -44	12		87.0	38.28	8 -4 -44	
Baltimore, Md.	112.0	44.80	2	2	2	8 -0 -40	12		107.0	47.08	8 -4 -44	
Birmingham, Ala.	94.5	37.80	2	2	2	8 -0 -40	12		94.5	37.80	8 -0 -40	
Boston, Mass.	105.0	46.20	2	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Buffalo, N. Y.	103.0	45.32	2	2	2	8 -4 -44	12		98.5	43.34	8 -4 -44	
Butte, Mont.	91.0	40.04	2	2	2	8 -4 -44	12		91.0	40.04	8 -4 -44	
Chicago, Ill.	118.0	51.92	2	2	2	8 -4 -44	12		112.0	49.28	8 -4 -44	
Cincinnati, Ohio.	102.5	45.10	2	2	2	8 -4 -44	12		101.5	44.66	8 -4 -44	
Cleveland, Ohio.	108.5	43.40	2	2	2	8 -0 -40	12		108.5	47.74	8 -4 -44	
Columbus, Ohio.	102.0	44.88	2	2	2	8 -4 -44	12		102.0	44.88	8 -4 -44	
Dallas, Tex.	105.0	46.20	2	2	2	8 -4 -44	12		101.0	44.44	8 -4 -44	
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Denver, Colo.	98.0	43.12	2	2	2	8 -4 -44	12		98.0	43.12	8 -4 -44	
Des Moines, Iowa.	96.0	42.24	2	2	2	8 -4 -44	12		93.5	41.14	8 -4 -44	
Detroit, Mich.	108.0	47.52	2	2	2	8 -4 -44	12		106.0	46.04	8 -4 -44	
Grand Rapids, Mich.	91.0	40.04	2	2	2	8 -4 -44	12		91.0	40.04	8 -4 -44	
Houston, Tex.	102.0	44.88	2	2	2	8 -4 -44	12		102.0	44.88	8 -4 -44	
Indianapolis, Ind.	107.0	47.08	2	2	2	8 -4 -44	12		106.0	46.04	8 -4 -44	
Jacksonville, Fla.	90.0	39.60	2	2	2	8 -4 -44	12		90.0	39.60	8 -4 -44	
Kansas City, Mo.	96.3	42.35	2	2	2	8 -4 -44	12		96.3	42.35	8 -4 -44	
Little Rock, Ark.	89.0	39.16	2	2	2	8 -4 -44	12		89.0	39.16	8 -4 -44	
Los Angeles, Calif.	89.3	39.27	2	2	2	8 -4 -44	12		87.5	38.50	8 -4 -44	
Louisville, Ky.	98.0	43.12	2	2	2	8 -4 -44	12		98.0	43.12	8 -4 -44	
Memphis, Tenn.	101.0	44.44	2	2	2	8 -4 -44	12		97.5	42.90	8 -4 -44	
Milwaukee, Wis.	91.0	40.04	2	2	2	8 -4 -44	12		91.0	40.04	8 -4 -44	
Minneapolis, Minn.	91.0	40.04	2	2	2	8 -4 -44	12		87.5	38.50	8 -4 -44	

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

ENGINEERS, PORTABLE AND HOISTING—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multi-plied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Cleveland, Ohio.....	137.5	65.00	1½	2	2	8 -0 -40	12			137.5	60.50	8 -1 -44
Clamshell cranes.....	137.5	66.00	1½	2	2	8 -8 -48				166.7	80.00	8 -1 -48
Clamshell rigs, cableway, and derricks.....	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	66.00	8 -1 -44
Sewer men.....	150.0	72.00	1½	2	2	8 -8 -48				150.0	72.00	8 -1 -48
Steam shovels, locomotive cranes.....	166.7	80.00	1½	2	2	8 -8 -48				166.7	80.00	8 -1 -48
Pile drivers, marine work.....	144.4	78.00	1½	2	2	9 -8 -54				144.4	78.00	8 -1 -54
Columbus, Ohio:												
Boom derricks.....	115.0	50.60	2	2	2	8 -4 -44	12			115.0	50.60	8 -1 -44
Steam shovels, cableways, and clamshells.....	¹⁷ 125.0	¹⁷ 55.00	2	2	2	8 -4 -44	12			¹⁷ 125.0	¹⁷ 55.00	8 -1 -44
Dallas, Tex.....	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -1 -44
Boom derricks or double-drum hoists.....	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -1 -44
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.....	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -1 -44
Steam-shovel men.....	⁴¹ 150.0	⁴¹ 82.50	2	2	2	10 -5 -55	12			⁴¹ 150.0	⁴¹ 82.50	10 -5 -55
Denver, Colo.:												
Excavating, ditches, etc.....	125.0	55.00	2	2	2	8 -4 -44	12			115.4	55.38	8 -1 -48
Hoist.....	131.3	57.75	2	2	2	8 -4 -44	12			125.0	55.00	8 -1 -44
Shovel.....	115.4	55.38	1½	2	2	8 -8 -48						
Des Moines, Iowa:												
2 or 3 drums.....	125.0	50.00	2	2	2	8 -0 -40	12			125.0	55.00	8 -1 -44
Single drum.....	115.0	46.00	2	2	2	8 -0 -40	12			112.5	49.50	8 -1 -44
Detroit, Mich.:												
Air compressors, hoists, 1 or more drums.....	125.0	55.00	1½	2	¹⁷ 2	8 -4 -44	12			125.0	55.00	8 -1 -44
Back fillers.....	¹⁷ 125.0	¹⁷ 60.00	1½	2	2	8 -8 -48				¹⁷ 125.0	¹⁷ 60.00	8 -1 -48
Cableway and drag-line operators.....	¹⁷ 150.0	¹⁷ 72.00	1½	2	2	8 -8 -48				¹⁷ 150.0	¹⁷ 72.00	8 -1 -48
Double-drum derrick, cranes, gin poles, and pile drivers.....	150.0	66.00	1½	2	¹⁷ 2	8 -4 -44	12			150.0	66.00	8 -1 -44

Steam shovels, street rollers, trench machines, derricks, cranes.	135.4	65.00	1 1/2	2	2	8	-8	-48				135.4	65.00	8	-8	-48
Erie, Pa.: Power-driven shovels, draglines, excavating machines, clamshells, boom derricks, and locomotive cranes.	137.5	60.50	1 1/2	2	2	8	-4	-44	12	5	150.0	137.5	60.50	8	-4	-44
Machines not specified	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Houston, Tex.	125.0	55.00	2	2	2	8	-4	-44	12			115.0	50.60	8	-4	-44
Steam Shovels	125.0	60.00	2	2	2	8	-8	-48								
Indianapolis, Ind.: Hoisting, steam shovel, and cranes.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Other machines	127.5	56.10	2	2	2	8	-4	-44	12			137.5	56.10	8	-4	-44
Kansas City, Mo.: Derricks	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Single drums, and concrete mixers	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Los Angeles, Calif.	100.0	44.00	1 1/2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Concrete mixers (simple)	87.5	38.50	1 1/2	2	2	8	-4	-44	12			87.5	38.50	8	-4	-44
Boom derrick and crane work	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Concrete mixer, 3 sacks and over, or ditcher machines.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	60.00	8	-8	-48
Roller engineers, concrete mixers, under 3 sacks; back-filler engineers.	100.0	44.00	1 1/2	2	2	8	-4	-44	12			100.0	48.00	8	-8	-48
Louisville, Ky. Derricks, etc.	100.0	44.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12			100.0	44.00	8	-4	-44
Steam-shovel men	125.0	55.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12			125.0	55.00	8	-4	-44
Madison, Wis.	108.2	51.92	1 1/2	2	2	8	-8	-48								
Memphis, Tenn.: Derricks	100.0	48.00	1 1/2	2	2	8	-8	-48				100.0	48.00	8	-8	-48
Street rolling	125.0	55.00	2	2	2	8	-4	-44	12			100.0	48.00	8	-8	-48
Air compressors	112.5	49.50	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Milwaukee, Wis.: Steam derricks	100.0	44.00	2	2	2	8	-4	-44								
Hoists, bricks and concrete; pile drivers; tractors.	135.0	59.40	1 1/2	2	2	8	-4	-44	12			130.0	57.20	8	-4	-44
Steam shovels	115.0	50.60	1 1/2	2	2	8	-4	-44	12			115.0	50.60	8	-4	-44
Minneapolis, Minn.	135.4	65.00	1 1/2	2	2	8	-8	-48				135.4	65.00	8	-8	-48
3 drums	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.): Nashville, Tenn.	125.0	55.00	2	2	2	8	-4	-44	12	50	131.1	125.0	55.00	8	-4	-44
Newark, N. J.: Pile driving, foundations	90.0	39.60	1 1/2	2	2	8	-4	-44	12	100	115.0	90.0	39.60	8	-4	-44
Excavating	192.5	77.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Steam shovels, and dredges	200.0	80.00	2	2	2	8	-0	-40	12			175.0	77.00	8	-4	-44
Steam rollers	175.0	77.00	2	2	2	8	-4	-44	12							
Steel hoist and compressor	175.0	77.00	2	2	2	8	-4	-44	12							
New Haven, Conn.: Hoisting	225.0	90.00	2	2	2	8	-0	-40	12			187.5	82.50	8	-4	-44
Steam shovels	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
New Orleans, La.	137.5	60.50	2	2	2	8	-8	-48				137.5	60.50	8	-8	-48
	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44

²⁵ For Saturday afternoon, 1 1/2.

²⁷ For broken time, \$1.37 1/2 per hour.

²⁸ For broken time, \$1.35 per hour.

²⁵ For broken time, \$1.60 per hour.

²⁶ For broken time, \$1.40 per hour.

²⁷ For straight time, \$1.00 per hour.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued.

BUILDING TRADES—Continued

ENGINEERS, PORTABLE AND HOISTING—Continued.

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
			Regular rate multiplied by						Cents per hour	Cents	Dollars	
New York, N. Y.:	Cents	Dollars										
Erecting steel.....	231.0	92.40	2	2	2	8 -0 -40	12			210.0	92.40	8 -4 -44
Hoisting brick and mortar.....	192.5	77.00	2	2	2	8 -0 -40	12			175.0	77.00	8 -4 -44
Steam shovels and dredges.....	200.0	80.00	2	2	2	8 -0 -40	12			181.3	79.75	8 -4 -44
Foundation and retaining wall.....	192.5	77.00	2	2	2	8 -0 -40	12			165.9	73.00	8 -4 -44
Subways and sewers—												
Steam shovel.....	227.5	91.00	2	2	2	8 -0 -40	12			206.3	91.00	8 -4 -44
Hoist and compressors.....	187.5	75.00	2	2	2	8 -0 -40	12			156.3	75.00	8 -4 -44
Rollers.....	197.5	79.00	2	2	2	8 -0 -40	12			171.0	72.25	8 -4 -44
Pile driving.....	192.5	77.00	2	2	2	8 -0 -40	12			162.5	71.50	8 -4 -44
Peoria, Ill.....	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Philadelphia:												
Boom derricks, cranes, and pile drivers.....	⁴⁸ 150.0	⁴⁸ 66.00	2	2	2	⁴⁸ 8 -4 -44	12			⁴⁴ 150.0	⁴⁴ 66.00	8 -4 -44
Cement mixers, ship hoists, and street rollers.....	⁴⁸ 136.4	⁴⁸ 60.00	2	2	2	⁴⁸ 8 -4 -44	12			⁴⁴ 136.4	⁴⁴ 60.00	8 -4 -44
Pittsburgh, Pa.:												
Steam.....	156.3	68.75	2	2	2	8 -4 -44	12			156.3	68.75	8 -4 -44
Gasoline.....	143.8	63.25	2	2	2	8 -4 -44	12			143.8	63.25	8 -4 -44
Portland, Oreg.:												
1-drum hoist; compressors or mixers over 1-sack capacity.....	100.0	44.00	1½	2	2	²⁸ 8 -4 -44	12			100.0	44.00	8 -4 -44
2 or more drums.....	112.5	49.50	1½	2	2	²⁸ 8 -4 -44	12			112.5	49.50	8 -4 -44
Dredges and steel erection.....	125.0	55.00	1½	2	2	²⁸ 8 -4 -44	12			125.0	55.00	8 -4 -44
Steam shovels.....	150.0	72.00	1½	2	2	8 -6 -48						
Providence, R. I.....	⁴⁸ 119.0	48.40	2	2	2	8 -4 -44	12			³⁸ 110.0	³⁸ 48.40	8 -4 -44
Rochester, N. Y.....	125.0	55.00	2	2	2	8 -4 -44	12	8	142.0			
Rock Island (Ill.) district.....	120.0	52.80	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44

GENERAL TABLE

GLAZIERS

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⁴³ 40 hours and same pay per week June to September, inclusive.

⁴⁴ For broken time, \$1.62½ per hour.

⁴⁵ For broken time, \$1.30 per hour.

⁴⁶ For broken time, \$1.65 per hour.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

GLAZIERS—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars						
Chicago, Ill.	170.0	74.80	2	2	2	8	-4	-44	12	162.5	71.50	8	-4	-44		
Cincinnati, Ohio.	133.8	58.85	1½	2	2	8	-4	-44	12	131.3	57.75	8	-4	-44		
Cleveland, Ohio.	125.0	50.00	2	2	2	8	-0	-40	12	125.0	55.00	8	-4	-44		
Dallas, Tex.	87.5	38.50	1½	2	2	8	-4	-44	12	50	Up to 100.0.					
Dayton, Ohio.	135.0	59.40	2	2	47	8	-4	-44	12	135.0	59.40	8	-4	-44		
Denver, Colo.	100.0	40.00	1½	1½	1½	8	-0	-40	18	100.0	40.00	8	-0	-40		
Des Moines, Iowa.	112.5	45.00	1½	2	2	8	-0	-40	12	112.5	49.50	8	-4	-44		
Detroit, Mich.	125.0	55.00	1½	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44		
Grand Rapids, Mich.	77.0	38.50	1½	1½	1½	9	-5	-50	12							
Houston, Tex.	125.0	55.00	1½	2	34	8	-4	-44	12	112.5	49.50	8	-4	-44		
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12	23	Up to 135.0.	125.0	55.00	8	-4	-44
Louisville, Ky.	75.0	33.00	1½	2	34	8	-4	-44	12	75.0	33.00	8	-4	-44		
Manchester, N. H.	90.0	39.60	1½	2	23	8	-4	-44	12	90.0	39.60	8	-4	-44		
Minneapolis, Minn.	87.5	38.50	1½	2	2	8	-4	-44	12	87.5	38.50	8	-4	-44		
Outside men.	100.0	44.00	1½	2	2	8	-4	-44	12	100.0	44.00	8	-4	-44		
Newark, N. J.	150.0	60.00	2	2	2	8	-0	-40	12							
New York, N. Y.	165.0	66.00	2	2	31	8	-0	-40	12	150.0	66.00	8	-4	-44		
Pittsburgh, Pa.	150.0	66.00	1½	2	34	8	-4	-44	12	143.8	63.25	8	-4	-44		
Portland, Oreg.	106.3	46.75	1½	2	2	8	-4	-44	12	106.3	46.75	8	-4	-44		
Providence, R. I.	105.0	46.20	1½	2	23	8	-4	-44	32	105.0	46.20	8	-4	-44		
Rochester, N. Y.	115.0	46.00	2	2	2	8	-0	-40	12	115.0	50.60	8	-4	-44		
St. Louis, Mo.	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40		
In shops.	125.0	50.00	1½	2	2	8	-0	-40	12	100.0	40.00	8	-0	-40		
Art glass work on buildings.	150.0	60.00	1½	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40		
Salt Lake City, Utah.	90.0	39.60	1½	1½	1½	8	-4	-44	26	90.0	43.20	18	8	-8	-48	
San Francisco, Calif.	112.5	45.00	1½	2	2	8	-0	-40	12	106.3	46.75	8	-4	-44		

Seattle, Wash.	106.3	46.75	1 1/2	2	2	8	4	-44	12	-----	-----	106.3	46.75	8	4	-44
Washington, D. C.	112.5	49.50	1 1/2	2	2	8	4	-44	12	-----	-----	112.5	50.06	8	4	-44 1/2
Wichita, Kans.	87.5	38.50	1 1/2	2	1 1/2	8	4	-44	12	-----	-----	87.5	38.50	8	4	-44

HOD CARRIERS

Boston, Mass.	85.0	37.40	1 1/2	2	2	8	4	-44	12	-----	-----	85.0	37.40	8	4	-44
Bridgeport, Conn.	89.5	42.07	1 1/2	2	1 1/2	8 1/2	4 1/2	-47	12	19	Up to 100.0	89.5	42.07	8 1/2	4 1/2	-47
Buffalo, N. Y.	60.0	26.40	1 1/2	2	2	8	4	-44	12	-----	-----	60.0	26.40	8	4	-44
Butte, Mont.	112.5	45.00	2	2	2	8	4	-40	12	-----	-----	112.5	49.50	8	4	-44
Chicago, Ill.	97.5	42.90	1 1/2	2	2	8	4	-44	12	-----	-----	97.5	43.88	8	4	-44
Cincinnati, Ohio	100.0	45.00	1 1/2	2	2	8	4	-45	12	-----	-----	100.0	45.00	8	4	-44
Cleveland, Ohio	87.5	35.00	1 1/2	2	2	8	4	-40	12	-----	-----	87.5	35.00	8	4	-44
Columbus, Ohio	90.0	39.60	2	2	2	8	4	-44	12	-----	-----	90.0	39.60	8	4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dayton, Ohio	100.0	44.00	2	2	2	8	4	-44	12	-----	-----	100.0	44.00	8	4	-44
Denver, Colo.:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Brickmen	81.3	35.75	1 1/2	2	2	8	4	-44	12	-----	-----	81.3	35.75	8	4	-44
Mortar men	84.4	37.13	1 1/2	2	2	8	4	-44	12	-----	-----	84.4	37.13	8	4	-44
Des Moines, Iowa	90.0	36.00	1 1/2	2	2	8	4	-40	12	-----	-----	90.0	36.00	8	4	-44
Detroit, Mich.:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hod carriers	75.0	33.00	1 1/2	1 1/2	1 1/2	8	4	-44	12	-----	-----	75.0	33.00	8	4	-44
Mortar mixers	75.0	33.00	1 1/2	1 1/2	1 1/2	8	4	-44	12	-----	-----	75.0	33.00	8	4	-44
Houston, Tex.	62.5	25.00	1 1/2	2	2	8	4	-40	12	-----	-----	62.5	25.00	8	4	-44
Indianapolis, Ind.	95.0	38.00	1 1/2	2	2	8	4	-40	12	-----	-----	95.0	38.00	8	4	-44
Kansas City, Mo.	90.0	39.60	2	2	2	8	4	-44	12	-----	-----	90.0	39.60	8	4	-44
Los Angeles, Calif.	112.5	45.00	2	2	2	8	4	-40	12	5	Up to 125.0	112.5	45.00	8	4	-44
Louisville, Ky.	90.0	36.00	1 1/2	2	2	8	4	-40	12	-----	-----	90.0	36.00	8	4	-44
Madison, Wis.	95.0	38.00	1 1/2	2	2	8	4	-40	12	-----	-----	95.0	38.00	8	4	-44
Memphis, Tenn.	62.5	25.00	2	2	2	8	4	-44	12	-----	-----	62.5	27.50	8	4	-44
Minneapolis, Minn.	95.0	41.80	1 1/2	2	2	8	4	-44	12	-----	-----	95.0	41.80	8	4	-44
Moline, Ill. (See Rock Island (Ill.) district.)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Newark, N. J.	125.0	50.00	2	2	2	8	4	-40	12	-----	-----	125.0	50.00	8	4	-44
New Haven, Conn.	85.0	37.40	1 1/2	1 1/2	1 1/2	8	4	-44	12	-----	-----	85.0	37.40	8	4	-44
New York, N. Y.:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Rate A	123.8	49.50	1 1/2	2	2	8	4	-40	12	-----	-----	123.8	49.50	8	4	-40
Rate B	123.8	49.50	1 1/2	2	2	8	4	-40	12	-----	-----	123.8	49.50	8	4	-40
Peoria, Ill.	75.0	33.00	1 1/2	2	2	8	4	-44	12	-----	-----	75.0	33.00	8	4	-44
Philadelphia, Pa.	85.0	37.40	1 1/2	2	2	8	4	-44	12	-----	-----	85.0	37.40	8	4	-44
Pittsburgh, Pa.	112.5	49.50	1 1/2	2	2	8	4	-44	12	-----	-----	112.5	49.50	8	4	-44
Portland, Me.	70.0	30.80	1 1/2	2	2	8	4	-44	12	-----	-----	70.0	30.80	8	4	-44
Portland, Oreg.	100.0	40.00	1 1/2	2	2	8	4	-40	12	-----	-----	100.0	40.00	8	4	-44
Providence, R. I.	75.0	37.50	1 1/2	2	2	9	5	-50	12	-----	-----	75.0	37.50	8	4	-44
Rochester, N. Y.	70.0	30.80	1	1	1	8	4	-44	12	-----	-----	70.0	30.80	8	4	-44
Rock Island (Ill.) district	90.0	36.00	2	2	2	8	4	-40	12	-----	-----	90.0	36.00	8	4	-44

²² For Saturday afternoon, 1 1/4.

²³ 40 hours per week October to April, inclusive.

²⁴ For Saturday, 1 1/4.

²⁵ Work on Saturday prohibited.

²⁶ Work on Saturday afternoon prohibited.

²⁷ Work on Saturday afternoon and Labor Day prohibited.

²⁸ 44 hours per week June to September, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

HOD CARRIERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multi-plied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
St. Louis, Mo.....	115.0	50.60	2	2	2	8 -4 -44	12			115.0	50.60	8 -4 -44
Mortar mixers.....	115.0	50.60	2	2	2	8 -4 -44						
St. Paul, Minn.....	85.0	37.40	1½	2	2	8 -4 -44	12			85.0	37.40	8 -4 -44
Salt Lake City, Utah.....	100.0	44.00	2	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
San Francisco, Calif.....	87.5	35.00	1½	2	2	8 -0 -40	12			87.5	38.50	8 -4 -44
Scranton, Pa.....	70.0	30.80	1½	2	2	8 -4 -44	12			70.0	30.80	8 -4 -44
Seattle, Wash.....	87.5	35.00	2	2	2	8 -0 -40	12			87.5	35.00	8 -0 -40
Spokane, Wash.....	87.5	35.00	1½	2	2	8 -0 -40	12			87.5	38.50	8 -4 -44
Springfield, Mass.....	100.0	44.00	2	2	2	8 -4 -44	12	15	110.0	100.0	44.00	8 -4 -44
Toledo, Ohio.....	80.0	35.20	1½	2	2	8 -4 -44	12			80.0	35.20	8 -4 -44
Worcester, Mass.....	90.0	39.60	1½	2	2	8 -4 -44	12	83	100.0	90.0	39.60	8 -4 -44
Youngstown, Ohio.....	97.5	39.00	1½	2	2	8 -0 -40	12			95.0	41.80	8 -4 -44
INSIDE WIREMEN												
Atlanta, Ga.....	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Baltimore, Md.....	165.0	66.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Birmingham, Ala.....	125.0	50.00	1½	2	2	8 -0 -40	12			125.0	50.00	8 -0 -40
Boston, Mass.....	150.0	60.00	2	2	2	8 -0 -40	12	12		137.5	60.50	8 -4 -44
Bridgeport, Conn.....	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Buffalo, N. Y.....	137.5	60.50	2	2	2	8 -4 -44	12	3		137.5	60.50	8 -4 -44
Butte, Mont.....	125.0	50.00	2	2	2	8 -0 -40	12			125.0	50.00	8 -0 -40
Chicago, Ill.....	162.5	71.50	2	2	2	8 -4 -44	12			162.5	71.50	8 -4 -44
Cincinnati, Ohio.....	140.0	62.30	2	2	2	8 -4½ -44½	12			137.5	61.19	8 -4½ -44½

Cleveland, Ohio.....	150.0	60.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Columbus, Ohio.....	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Dallas, Tex.....	137.5	55.00	2	2	2	8	-0	-40	12		137.5	55.00	8	-0	-40	
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.....	155.0	68.20	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
Denver, Colo.....	137.5	55.00	1½	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Des Moines, Iowa.....	137.5	55.00	2	2	2	8	-0	-40	12		125.0	55.00	8	-4	-44	
Detroit, Mich.....	155.0	62.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Erie, Pa.....	125.0	50.00	1½	2	2	8	-0	-40	12		115.0	50.60	8	-4	-44	
Fall River, Mass.....	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Grand Rapids, Mich.....	90.0	39.60	1½	2	2	8	-4	-44	12		90.0	39.60	8	-4	-44	
Houston, Tex.....	143.8	63.25	2	2	2	8	-4	-44	12		137.5	60.50	8	-4	-44	
Indianapolis, Ind.....	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
Jacksonville, Fla.....	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Kansas City, Mo.....	137.5	60.50	2	2	2	8	-4	-44	12	14	Up to 150.0.....	125.0	55.00	8	-4	-44
Little Rock, Ark.....	87.5	38.50	1½	2	2	8	-4	-44	12		87.5	38.50	8	-4	-44	
Los Angeles, Calif.....	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Louisville, Ky.....	131.3	57.75	2	2	2	8	-4	-44	12	10	Up to 150.0.....	131.3	57.75	8	-4	-44
Madison, Wis.....	145.0	58.00	1½	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44	
Manchester, N. H.....	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Memphis, Tenn.....	125.0	50.00	1½	2	2	8	-0	-40	12		112.5	49.50	8	-4	-44	
Sign wiremen.....	150.0	60.00	1½	2	2	8	-0	-40	12							
Milwaukee, Wis.....	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Minneapolis, Minn.....	112.5	49.50	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.....	112.5	45.00	2	2	2	8	-0	-40	12		106.3	46.75	8	-4	-44	
Nashville, Tenn.....	100.0	44.00	1½	2	2	8	-4	-44	12	10	112.5	100.0	44.00	8	-4	-44
Newark, N. J.....	162.5	71.50	2	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	
New Haven, Conn.....	112.5	49.50	2	2	2	8	-4	-44	12		106.3	46.75	8	-4	-44	
New Orleans, La.....	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
New York, N. Y.....	165.0	66.00	2	2	2	8	-0	-40	12		165.0	66.00	8	-0	-40	
Norfolk (Va.) district.....	100.0	44.00	1½	2	2	8	-4	-44	12		90.0	39.60	8	-4	-44	
Omaha, Nebr.....	125.0	55.00	2	2	2	8	-4	-44	12	9	135.0	125.0	55.00	8	-4	-44
Peoria, Ill.....	125.0	55.00	2	2	2	8	-4	-44	12	49	Average, 137.5	125.0	55.00	8	-4	-44
Philadelphia, Pa.....	125.0	50.00	2	2	2	8	-0	-40	12	75	137.5	125.0	55.00	8	-4	-44
Pittsburgh, Pa.....	156.3	62.50	1½	2	2	8	-0	-40	12		156.3	62.50	8	-0	-40	
Portland, Me.....	112.5	49.50	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
Portland, Oreg.....	125.0	50.00	2	2	2	8	-0	-40	12	5	136.4	125.0	50.00	8	-0	-40
Providence, R. I.....	110.0	48.40	2	2	2	8	-4	-44	12		110.0	48.40	8	-4	-44	
Reading, Pa.....	100.0	44.00	2	2	2	8	-4	-44	12	13		100.0	44.00	8	-4	-44
Richmond, Va.....	87.5	38.50	1½	2	2	8	-4	-44	12		87.5	38.50	8	-4	-44	
Rochester, N. Y.....	131.3	52.50	2	2	2	8	-0	-40	12	9	162.5	131.3	57.75	8	-4	-44
Rock Island (Ill.) district.....	130.0	57.20	2	2	2	8	-4	-44	12		118.8	52.25	8	-4	-44	
St. Louis, Mo.....	165.0	66.00	2	2	2	8	-0	-40	12	13	177.5	150.0	60.00	8	-0	-40
St. Paul, Minn.....	112.5	40.50	2	2	2	8	-4	-44	12	21	125.0	100.0	44.00	8	-4	-44
Salt Lake City, Utah.....	112.5	49.50	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
San Francisco, Calif.....	112.5	45.00	1½	2	2	8	-0	-40	12		112.5	49.50	8	-4	-44	
Seranton, Pa.....	112.5	49.50	2	2	2	8	-4	-44	12		112.5	49.50	8	-4	-44	
Seattle, Wash.....	137.5	55.00	2	2	2	8	-0	-40	12		137.5	55.00	8	-0	-40	

²² For Saturday afternoon, 1½.

²⁷ 40 hours per week June to August, inclusive.

²⁸ 44 hours per week September to April, inclusive.

³¹ For Saturday, 1½.

³³ Work on Saturday prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

INSIDE WIREMEN—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Spokane, Wash.....	112 5	45.00	1½	2	2	8 -0 -40	12			100.0	44.00	8 -4 -44
Springfield, Mass.....	125.0	55.00	2	2	2	8 -4 -44	12	11	137.5	125.0	55.00	8 -4 -44
Toledo, Ohio.....	137.5	60.50	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Washington, D. C.....	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Wichita, Kans.....	100.0	44.00	1½	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
Worcester, Mass.....	125.0	55.00	2	2	2	8 -4 -44	12	11	137.5 to 150.0	112.5	49.50	8 -4 -44
York, Pa.....	100.0	44.00	1½	2	2	8 -4 -44	12	6	Not reported	100.0	44.00	8 -4 -44
Youngstown, Ohio.....	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40

INSIDE WIREMEN: FIXTURE HANGERS												
Boston, Mass.....	150.0	60.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Cincinnati, Ohio.....	132.5	58.96	2	2	2	8 -4½ -44½	12			130.0	57.85	8 -4½ -44½
Cleveland, Ohio.....	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -4 -44
Denver, Colo.....	100.0	40.00	1½	2	2	8 -0 -40	12			100.0	44.00	8 -4 -44
Detroit, Mich.....	140.0	56.00	1½	2	2	8 -0 -40	12			130.0	57.20	8 -4 -44
Indianapolis, Ind.....	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Los Angeles, Calif.....	100.0	44.00	2	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
Portland, Oreg.....	112.5	45.00	2	2	2	8 -0 -40	12			112.5	45.00	8 -0 -40
St. Paul, Minn.....	112.5	49.50	2	2	2	8 -4 -44	12					
San Francisco, Calif.....	100.0	40.00	1½	2	2	8 -0 -40	12			100.0	44.00	8 -4 -44
Seattle, Wash.....	112.5	45.00	2	2	2	8 -0 -40	12			112.5	45.00	8 -0 -40
Washington, D. C.....	150.0	60.00	2	2	2	8 -0 -40	12					
Youngstown, Ohio.....	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40

LATHERS

Atlanta, Ga.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.	175.0	70.00	2	2	2	8	-0	-40	12			175.0	70.00	8	-0	-40
Piecework	800.0		1	2	2	8	-0	-40	12			800.0		8	-0	-40
Birmingham, Ala.	125.0	50.00	2	2	2	8	-0	-40	12							
Boston, Mass.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Piecework	900.0		2	2	2	8	-0	-40	12			900.0		8	-0	-40
Bridgeport, Conn.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Piecework	900.0		2	2	2	8	-0	-40	12			900.0		8	-4	-44
Buffalo, N. Y.	137.5	55.00	2	2	2	8	-0	-40	12	8	156.3	137.5	55.00	8	-0	-40
Chicago, Ill.	170.0	68.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Cincinnati, Ohio	140.0	61.60	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Cleveland, Ohio	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Columbus, Ohio	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Piecework, soft wood	600.0					8	-4	-44	12			600.0		8	-4	-44
Dallas, Tex.:																
Metal	162.5	65.00	2	2	Pro.	8	-0	-40	12			150.0	66.00	8	-4	-44
Wood	750.0		2	2	Pro.	8	-0	-40	12							
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Piecework—																
32-inch laths	675.0		2	2	2	8	-0	-40	12			675.0		8	-0	-40
48-inch laths	775.0		2	2	2	8	-0	-40	12			775.0		8	-0	-40
Denver, Colo.	137.5	60.50	2	2	Pro.	8	-4	-44	12			137.5	60.50	8	-4	-44
Second class	125.0	55.00	2	2	Pro.	8	-4	-44	12							
Des Moines, Iowa:																
Metal	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Wood	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Detroit, Mich.	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Fall River, Mass.	120.0	52.80	2	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
Piecework	600.0		1	1	1	8	-4	-44	12			600.0		8	-4	-44
Grand Rapids, Mich.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Houston, Tex.	162.5	65.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Indianapolis, Ind.	132.5	53.00	2	2	2	8	-0	-40	12			132.5	53.00	8	-0	-40
Jacksonville, Fla.	100.0	44.00	1 1/2	2	1 1/2	8	-4	-44	12			100.0	44.00	8	-4	-44
Kansas City, Mo.	137.5	60.50	2	2	2	8	-4	-44	12	20	150.0	137.5	60.50	8	-4	-44
Little Rock, Ark.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Los Angeles, Calif.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Louisville, Ky.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Piecework	750.0		2	2	2	8	-0	-40	12			750.0		8	-4	-44
Madison, Wis.	162.5	65.00	2	2	2	8	-0	-40	12	7	175.0	162.5	65.00	8	-0	-40
Memphis, Tenn.:																
Metal	137.5	55.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Wood	100.0	40.00	2	2	2	8	-0	-40	12			100.0	44.00	8	-4	-44
Milwaukee, Wis.	131.3	57.75	2	2	2	8	-4	-44	12	17	137.5	131.3	57.75	8	-4	-44
Minneapolis, Minn.:																
Metal	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Wood	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44

* For Saturday afternoon, 1 1/4.
 * Work on Saturday prohibited.

* Per 1,000 laths.
 * Work on July 4, Labor Day, Christmas, and Saturday prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

LATHEES—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
Moline, Ill. (See Rock Island (Ill.) district.)			Regular rate multi-plied by—									
Muskegon, Mich:	<i>Cents</i>	<i>Dollars</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Metal	125.0	55.00	2	2	2	8 -4 -44			125.0	55.00	8 -4 -44	
Wood	105.0	45.20	2	2	2	8 -4 -44						
Newark, N. J.	162.5	65.00	2	2	2	8 -0 -40	12		150.0	65.00	8 -4 -44	
Piecework	[#] 1000.0					8 -0 -40	12		[#] 1000.0		8 -4 -44	
New Haven, Conn.	137.5	55.00	2	2	2	8 -0 -40	12		125.0	50.00	8 -0 -40	
Piecework	[#] 800.0					8 -0 -40			[#] 800.0		8 -0 -40	
New York, N. Y.:												
Metal	165.0	66.00	2	2	2	8 -0 -40	12	27	212.5	150.0	66.00	8 -4 -44
Wood	175.0	70.00	Pro.	Pro.	Pro.	8 -0 -40	12			175.0	70.00	8 -0 -40
Wood, piecework	[#] 1000.0		Pro.	Pro.	Pro.	8 -0 -40	12		[#] 1000.0		8 -0 -40	
Omaha, Nebr.	125.0	55.00	2	2	2	8 -4 -44	12		152.0	55.00	8 -4 -44	
Peoria, Ill.	125.0	55.00	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Philadelphia, Pa.:												
Metal	162.5	65.00	2	2	2	8 -0 -40	12	8	187.5	162.5	65.00	8 -0 -40
Wood	162.5	65.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Pittsburgh, Pa.	166.3	66.50	2	2	[#] 2	8 -0 -40	12			166.3	66.50	8 -0 -40
Portland, Oreg.:												
Metal	131.3	52.50	2	2	2	8 -0 -40	12					
Wood, first class	131.3	52.50	2	2	2	8 -0 -40	12			125.0	50.00	8 -0 -40
Wood, second class	118.8	47.50	2	2	2	8 -0 -40	12					
Providence, R. I.:												
Metal	131.3	57.75	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Wood, piecework	[#] 500.0		2	2	2	8 -4 -44	12		[#] 500.0		8 -4 -44	
Reading, Pa.	115.0	46.00	1½	2	2	8 -0 -40	12	9	125.0	115.0	50.00	8 -4 -44
Rochester, N. Y.	125.0	50.00	2	2	2	8 -0 -40	12	27	137.5	125.0	55.00	8 -4 -44

Rock Island (Ill.) district.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Saginaw, Mich.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
St. Louis, Mo.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Piecework.....	⁴⁹ 875.0		2	2	2	8	-0	-40	12			⁴⁹ 875.0		8	-0	-40
St. Paul, Minn.:.....																
Metal.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Wood.....	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Salt Lake City, Utah:.....																
Metal.....	125.0	55.00	1½	1½	1½	8	-4	-44	12			125.0	55.00	8	-4	-44
Wood.....	87.5	38.50	1½	1½	1½	8	-4	-44	12			87.5	38.50	8	-4	-44
San Francisco, Calif.:.....																
Metal.....	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Wood.....	112.5	45.00	2	2	2	8	-0	-40	12			109.4	48.13	8	-4	-44
Scranton, Pa.:.....																
Metal.....	137.5	60.50	2	2	²⁴ 2	8	-4	-44	12	75	162.5	137.5	60.50	8	-4	-44
Wood.....	125.0	55.00	2	2	²⁴ 2	8	-4	-44	12	75		125.0	55.00	8	-4	-44
Seattle, Wash.:.....																
Metal.....	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Wood.....	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Spokane, Wash.:.....																
Second class.....	112.5	45.00	2	2	2	8	-0	-40	12							
First class.....	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Springfield, Mass.:.....																
Piecework.....	⁴⁹ 650.0		2	2	2	8	-4	-44	12			⁴⁹ 650.0		8	-4	-44
Toledo, Ohio.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Washington, D. C.:.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Piecework.....	⁴⁹ 700.0		2	2	2	8	-0	-40	12			⁴⁹ 700.0		8	-0	-40
Wichita, Kans.:.....																
Metal.....	150.0	66.00	2	2	2	²¹ 8	-4	-44	12			150.0	66.00	²¹ 8	-4	-44
Wood.....	⁴⁹ 450.0		2	2	2	²¹ 8	-4	-44	12			⁴⁹ 600.0		²¹ 8	-4	-44
Worcester, Mass.:.....																
Metal.....	150.0	60.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Wood.....	⁴⁹ 750.0		2	2	2	8	-0	-40	12			⁴⁹ 650.0		8	-0	-40
York, Pa.....	106.0	46.20	2	2	2	8	-4	-44	12							
Youngstown, Ohio.....	162.5	65.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40

MARBLE SETTERS

Atlanta, Ga.....	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Birmingham, Ala.....	150.0	66.00	1½	2	²¹ 2	8	-4	-44	12			150.0	66.00	8	-4	-44
Boston, Mass.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Bridgeport, Conn.....	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Buffalo, N. Y.....	137.5	60.50	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Butte, Mont.....	125.0	50.00	2	2	2	8	-0	-40	12	100	162.5					
Chicago, Ill.....	162.5	71.50	2	2	2	²⁷ 8	-4	-44	12	7	Average, 187.5	162.5	71.50	8	-4	-44
Cincinnati, Ohio.....	150.0	60.00	1½	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44

²¹ For Saturday afternoon, 1½.²⁷ 40 hours per week June to August, inclusive.²⁸ Work on Saturday prohibited.²⁴ Work on Saturday afternoon prohibited.⁴⁹ Per 1,000 laths.⁵¹ 40 hours per week October to February, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

MARBLE SETTERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Cleveland, Ohio.....	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -4 -44
Columbus, Ohio.....	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Dallas, Tex.....	137.5	55.00	1½	2	2	8 -0 -40	12			150.0	66.00	8 -4 -44
Davenport, Iowa. (See Rock Island (Ill.) district).												
Dayton, Ohio.....	137.5	60.50	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Denver, Colo.....	150.0	60.00	1½	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Des Moines, Iowa.....	125.0	50.00	180c.	250c.	250c.	8 -0 -40	12			125.0	55.00	8 -4 -44
Detroit, Mich.....	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Grand Rapids, Mich.....	137.5	60.50	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Houston, Tex.....	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Indianapolis, Ind.....	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Kansas City, Mo.....	137.5	60.50	1½	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Little Rock, Ark.....	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Los Angeles, Calif.....	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Louisville, Ky.....	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Memphis, Tenn.....	150.0	60.00	2	2	2	8 -0 -40	12			150.0	66.00	8 -4 -44
Milwaukee, Wis.....	137.5	60.50	1½	2	2	8 -4 -44	12	13	170.5	125.0	55.00	8 -4 -44
Minneapolis, Minn.....	137.5	60.50	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.....	150.0	60.00	2	2	2	8 -0 -40	12					
Nashville, Tenn.....	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Newark, N. J.....	168.8	67.50	2	2	2	8 -0 -40	12			168.8	74.25	8 -4 -44
New Haven, Conn.....	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
New Orleans, La.....	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
New York, N. Y.....	168.8	67.50	2	2	2	8 -0 -40	12			168.8	74.25	8 -4 -44
Norfolk (Va.) District.....	137.5	60.50	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Omaha, Nebr.....	137.5	60.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44

Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Philadelphia, Pa.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	17	8	-44
Pittsburgh, Pa.	156.3	62.50	2	2	2	8	-0	-40	12			156.3	62.75	8	-4	-44
Portland, Oreg.	125.0	50.00	1½	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Providence, R. I.	140.0	61.60	2	2	2	8	-4	-44	12			140.0	61.60	8	-4	-44
Richmond, Va.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Rochester, N. Y.	137.5	55.00	2	2	2	8	-0	-40	12			131.3	57.75	8	-4	-44
Rock Island (Ill.) district	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
St. Louis, Mo.	137.5	60.50	2	2	2	8	-4	-44	12	20	150.0	137.5	60.50	8	-4	-44
St. Paul, Minn.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
San Francisco, Calif.	125.0	50.00	1½	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Scranton, Pa.	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Seattle, Wash.	125.0	50.00	2	2	2	18	-0	-40	12			125.0	50.00	18	8	-0 -40
Spokane, Wash.	125.0	50.00	1½	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Springfield, Mass.	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Toledo, Ohio	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Washington, D. C.	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Wichita, Kans.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44

MARBLE SETTERS' HELPERS

Baltimore, Md.	72.0	31.68	1½	2	2	8	-4	-44	12			72.0	31.68	8	-4	-44
Boston, Mass.	95.0	41.80	1½	2	14	8	-4	-44	12			90.0	39.60	8	-4	-44
Buffalo, N. Y.	62.5	27.50	1½	2	2	8	-4	-44	12							
Chicago, Ill.	112.5	49.50	2	2	2	8	-4	-44	12			107.5	47.30	8	-4	-44
Cleveland, Ohio	100.0	40.00	1½	2	2	8	-0	-40	12			95.0	41.80	8	-4	-44
Des Moines, Iowa	67.5	27.00	1½	2	2	8	-0	-40	12			67.5	29.70	8	-4	-44
Detroit, Mich.	80.0	35.20	2	2	2	8	-4	-44	12			80.0	35.20	8	-4	-44
Kansas City, Mo.	82.5	36.30	1½	2	2	8	-4	-44	12			82.5	36.30	8	-4	-44
Los Angeles, Calif.	75.0	33.00	1½	2	2	8	-4	-44	12							
Milwaukee, Wis.	70.0	33.00	1½	2	18	8	-4	-44	12	6	80.0 to 100.0	75.0	33.00	8	-4	-44
New York, N. Y.	130.6	52.25	2	2	2	8	-0	-40	12			130.6	57.48	8	-4	-44
Philadelphia, Pa.	87.5	38.50	2	2	2	18	-4	-44	12			87.5	38.50	17	8	-4 -44
Pittsburgh, Pa.	87.5	38.00	1½	2	2	8	-0	-40	12	8	110.0					
Portland, Oreg.	80.0	32.00	1½	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
Providence, R. I.	85.0	37.40	2	2	2	8	-4	-44	12			85.0	37.40	8	-4	-44
Seattle, Wash.	70.0	28.00	1½	2	2	18	-0	-40	12			70.0	28.00	18	8	-0 -40
Washington, D. C.	75.0	33.00	1½	2	2	8	-4	-44	12			62.5	27.50	8	-4	-44

¹² For Saturday afternoon, 1½.

¹⁷ 40 hours per week, June to August, inclusive.

¹⁸ 44 hours per week, September to April, inclusive.

¹⁸ Work on Saturday prohibited.

¹⁸ Work on Saturday afternoon prohibited.

¹⁸ 40 hours per week, June to September, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

MOSAIC AND TERRAZZO WORKERS

City	May 15, 1930								May 15, 1929						
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars					
Boston, Mass.	150.0	66.00	1½	2	* 2	8	-4	-44	12		150.0	66.00	8	-4	-44
Buffalo, N. Y.	150.0	66.00	2	2	2	8	-4	-44	12		131.3	57.75	8	-4	-44
Butte, Mont.	125.0	50.00	2	2	2	8	-0	-40	12	100	Not reported				
Chicago, Ill.	156.3	68.75	1½	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44
Cincinnati, Ohio.	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44
Cleveland, Ohio	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44
Dallas, Tex.	150.0	60.00	1½	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44
Denver, Colo.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44
Des Moines, Iowa	150.0	60.00	225c.	300c.	300c.	8	-0	-40	12		150.0	66.00	8	-4	-44
Detroit, Mich.	112.5	49.50	2	2	2	8	-4	-44	12		160.0	66.00	8	-4	-44
Grand Rapids, Mich.	125.0	55.00	2	2	* 1	8	-4	-44	12		125.0	55.00	8	-4	-44
Houston, Tex.	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44
Indianapolis, Ind.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44
Kansas City, Mo.	125.0	55.00	1½	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44
Louisville, Ky.	125.0	50.00	1½	2	2	8	-0	-40	12		112.5	45.00	8	-0	-40
Manchester, N. H.	150.0	60.00	2	2	2	8	-0	-40	12						
Memphis, Tenn.	137.5	55.00	2	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44
Milwaukee, Wis.	137.5	55.00	1½	2	* 2	8	-0	-40	12		125.0	55.00	8	-4	-44
Minneapolis, Minn.	137.5	60.50	2	2	2	8	-4	-44	12						
Nashville, Tenn.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44
New Orleans, La.	125.0	55.00	1½	2	2	8	-4	-44	12						
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44
Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44
Philadelphia, Pa.	137.5	55.00	1½	2	2	8	-0	-40	12		137.5	60.50	8	-4	-44
Pittsburgh, Pa.	150.0	66.00	1½	2	2	8	-4	-44	12	15					
Portland, Oreg.	125.0	50.00	2	2	2	8	-0	-40	12		125.0	55.00	8	-4	-44

Rock Island (Ill.) District	125.0	55.00	2	2	2	8	-4	-44	12			125.0	50.00	8	-0	-40
Seattle, Wash.	125.0	50.00	1½	2	2	8	-0	-40	12			125.0	50.00	8	-4	-44
St. Louis, Mo.	137.5	60.50	1½	2	2	8	-4	-44	12	17	150.0	132.5	58.30	8	-4	-44
Washington, D. C.	150.0	60.00	1½	2	2	8	-0	-40	12			150.0	60.00	8	-4	-44

PAINTERS

Atlanta, Ga.	85.0	37.40	1½	2	2	8	-4	-44	12			85.0	37.40	8	-4	-44
Baltimore, Md.	110.0	44.00	1½	2	2	8	-0	-40	12			110.0	44.00	8	-0	-40
Birmingham, Ala.	100.0	40.00	1½	2	2	8	-0	-40	12			100.0	44.00	8	-4	-44
Boston, Mass.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Bridgeport, Conn.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Buffalo, N. Y.	125.0	60.00	1½	2	2	8	-0	-40	12	2		112.5	49.50	8	-4	-44
Butte, Mont.	125.0	60.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Charleston, S. C.	55.0	24.20	1½	2	2	8	-4	-44	12			55.0	24.20	8	-4	-44
Chicago, Ill.	175.0	70.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
Cincinnati, Ohio.	133.3	53.50	1½	2	2	8	-0	-40	12			131.3	52.50	8	-0	-40
Cleveland, Ohio.	131.3	52.50	1½	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Columbus, Ohio.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Dallas, Tex.	112.5	49.50	1½	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Denver, Colo.	125.0	50.00	1½	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Des Moines, Iowa.	112.5	45.00	1½	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Detroit, Mich.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Erie, Pa.	105.0	42.00	2	2	2	8	-0	-40	12			100.0	44.00	8	-4	-44
Fall River, Mass.	90.0	39.60	2	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Grand Rapids, Mich.	90.0	39.60	1½	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Houston, Tex.	125.0	55.00	1½	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Indianapolis, Ind.	125.0	50.00	2	2	2	8	-0	-40	12			122.5	49.00	8	-0	-40
Jacksonville, Fla.:																
Rate A.	50.0	22.00	1½	1½	1½	8	-4	-44	12			62.5	27.50	8	-4	-44
Rate B.	75.0	33.00	1½	1½	1½	8	-4	-44	12			75.0	33.00	8	-4	-44
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12	20	Up to 137.5	125.0	55.00	8	-4	-44
Little Rock, Ark.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Los Angeles, Calif.	100.0	44.00	1½	1½	1½	8	-4	-44	12	10	112.5	100.0	44.00	8	-4	-44
Louisville, Ky.	112.5	45.00	1½	2	2	8	-0	-40	12	4	Up to 175.0	112.5	45.00	8	-0	-40
Madison, Wis.	115.0	46.00	1½	2	2	8	-0	-40	12			110.0	45.40	8	-4	-44
Manchester, N. H.	90.0	39.60	1½	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Memphis, Tenn.	112.5	49.50	1½	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Milwaukee, Wis.	112.5	49.50	1½	2	2	8	-4	-44	12	5	122.0 to 137.5	112.5	49.50	8	-4	-44
Minneapolis, Minn.	100.0	44.00	1½	2	2	8	-4	-44	12	10	110.0 to 125.0	100.0	44.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	100.0	40.00	1½	2	2	8	-0	-40	12			90.0	39.60	8	-4	-44
Nashville, Tenn.	92.5	40.70	1½	2	2	8	-4	-44	12			92.5	40.70	8	-4	-44
Newark, N. J.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40

** For Saturday afternoon, 1½.

** 44 hours per week, September to April, inclusive.

** For Saturday, 1½.

** Work on Saturday afternoon prohibited.

GENERAL TABLE

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TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

PAINTERS—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars					
New Haven, Conn.....	100.0	44.00	2	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
New Orleans, La.....	90.0	39.60	2	2	2	8	-4	-44	12		90.0	39.60	8	-4	-44	
New York, N. Y.:																
Union A.....	165.0	66.00	2	2	2	8	-0	-40	12		150.0	60.00	8	-0	-40	
Union B.....	150.0	60.00	2	2	2	8	-0	-40	12		150.0	60.00	8	-0	-40	
Norfolk (Va.) district.....	87.5	38.50	1½	1½	12	8	-4	-44	12		75.0	33.00	8	-4	-44	
Omaha, Nebr.....	100.0	44.00	2	2	2	8	-4	-44	12	6	110.0	100.0	44.00	8	-4	-44
Peoria, Ill.....	100.0	44.00	1½	2	2	8	-4	-44	12		100.0	44.00	8	-4	-44	
Philadelphia, Pa.....	105.0	46.20	2	2	2	8	-4	-44	12	7	115.0 to 130.0	105.0	46.20	8	-4	-44
Pittsburgh, Pa.....	150.0	66.00	1½	2	12	8	-4	-44	12	7	Not reported...	150.0	66.00	8	-4	-44
Portland, Oreg.....	110.0	44.00	1½	1½	1½	8	-0	-40	12	25		105.0	42.00	8	-0	-40
Providence, R. I.....	112.5	45.00	2	2	2	8	-0	-40	12	8		106.3	46.75	8	-4	-44
Reading, Pa.....	99.0	39.60	2	2	2	8	-0	-40	12			99.0	39.60	8	-0	-40
Richmond, Va.....	80.0	35.20	1½	2	2	8	-4	-44	12			80.0	35.20	8	-4	-44
Rochester, N. Y.....	115.0	46.00	2	2	2	8	-0	-40	12	11	125.0	115.0	50.60	8	-4	-44
Rock Island (Ill.) district.....	115.0	50.60	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
St. Louis, Mo.....	150.0	60.00	2	2	2	8	-0	-40	12			143.8	57.50	8	-0	-40
St. Paul, Minn.....	100.0	44.00	1½	2	2	8	-4	-44	12	7	110.0 to 150.0	100.0	44.00	8	-4	-44
Salt Lake City, Utah.....	100.0	44.00	1½	1½	12	8	-4	-44	12		112.5	100.0	44.00	8	-4	-44
San Francisco, Calif.....	112.5	45.00	1½	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Scranton, Pa.....	112.5	45.00	2	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Seattle, Wash.....	112.5	45.00	1½	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Spokane, Wash.....	112.5	45.00	1½	1½	1½	8	-0	-40	12			112.5	45.00	8	-0	-40
Springfield, Mass.....	125.0	50.00	2	2	2	8	-0	-40	12	12	137.5 to 162.5	125.0	50.00	8	-0	-40
Toledo, Ohio.....	112.5	45.00	1½	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Washington, D. C.....	137.5	55.00	2	2	12	8	-0	-40	12			125.0	55.00	8	-4	-44
Wichita, Kans.....	87.5	38.50	1½	2	12	8	-4	-44	12			87.5	38.50	8	-4	-44

Worcester, Mass.	112.5	45.00	2	2	2	8 -0 -40	12	61	115.0 to 150.0	112.5	45.00	8 -0 -40
York, Pa.	70.0	30.80	1 1/2	2	2	8 -4 -44	12			70.0	30.80	8 -4 -44
Youngstown, Ohio.	137.5	55.00	1 1/2	2	Pro.	8 -0 -40	12			131.3	52.50	8 -0 -40

PAINTERS, FRESCO

Boston, Mass.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	55.00	8 -0 -40
Buffalo, N. Y.	125.0	50.00	1 1/2	2	2	8 -0 -40	12					
Cincinnati, Ohio.	133.8	53.50	1 1/2	2	Pro.	8 -0 -40	12			131.3	52.50	8 -0 -40
Dallas, Tex.	112.5	49.50	1 1/2	2	2	8 -4 -44	12					
Fall River, Mass.	95.0	41.80	2	2	2	8 -4 -44	12			95.0	41.80	8 -4 -44
Manchester, N. H.	90.0	39.60	1 1/2	2	" 2	8 -4 -44	12					
New York, N. Y.: Brooklyn.	165.0	66.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Philadelphia, Pa.	105.0	46.20	2	2	2	8 -4 -44	12			105.0	46.20	8 -4 -44
St. Louis, Mo.	150.0	60.00	2	2	2	8 -0 -40	12			143.8	57.50	8 -0 -40
St. Paul, Minn.	100.0	44.00	1 1/2	2	2	8 -4 -44	12					
San Francisco, Calif.	112.5	45.00	1 1/2	2	2	8 -0 -40	12			112.5	45.00	8 -4 -44
Springfield, Mass.	137.5	55.00	2	2	2	8 -0 -40	12	100	150.0 to 250.0	137.5	55.00	8 -0 -40
Worcester, Mass.	112.5	45.00	2	2	2	8 -0 -40	12	100	125.0 to 150.0	112.5	45.00	8 -0 -40

PAINTERS, SIGN

Atlanta, Ga.	125.0	55.00	1 1/2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Baltimore, Md.	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Birmingham, Ala.	150.0	60.00	1 1/2	2	2	8 -4 -44	12			150.0	60.00	8 -4 -44
Boston, Mass.	137.5	60.50	1 1/2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Buffalo, N. Y.	137.5	60.50	1 1/2	2	2	8 -4 -44	12	15	150.0	137.5	60.50	8 -4 -44
Butte, Mont.	125.0	50.00	2	2	2	8 -0 -40	12			125.0	50.00	8 -0 -40
Chicago, Ill.	187.5	75.00	2	2	2	8 -0 -40	12			187.5	75.00	8 -0 -40
Cincinnati, Ohio.	150.0	66.00	1 1/2	2	" Pro.	8 -4 -44	12			150.0	66.00	8 -4 -44
Cleveland, Ohio.	150.0	60.00	1 1/2	2	2	8 -0 -40	12			150.0	60.00	8 -4 -44
Dallas, Tex.	150.0	66.00	1 1/2	2	" 2	8 -4 -44	12			150.0	66.00	8 -4 -44
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.	137.5	60.50	1 1/2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Denver, Colo.	137.5	55.00	1 1/2	2	" 2	8 -0 -40	12	19	150.0 to 250.0	137.5	55.00	8 -0 -40
Des Moines, Iowa.	125.0	50.00	1 1/2	2	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Detroit, Mich.	150.0	66.00	1 1/2	2	" 2	8 -4 -44	12			170.0	68.00	8 -0 -40
Grand Rapids, Mich.	125.0	55.00	1 1/2	2	" 2	8 -4 -44	12					
Houston, Tex.	125.0	55.00	1 1/2	2	" 2	8 -4 -44	12					
Indianapolis, Ind.	125.0	50.00	2	2	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Jacksonville, Fla.	137.5	60.50	1 1/2	2	1 1/2	8 -4 -44	12			137.5	60.50	8 -4 -44
Kansas City, Mo.	150.0	66.00	2	2	2	8 -4 -44	12	27	Up to 187.5	150.0	66.00	8 -4 -44
Little Rock, Ark.	100.0	44.00	1 1/2	1 1/2	2	8 -4 -44	12	100	125.0	100.0	44.00	8 -4 -44

" For Saturday afternoon, 1 1/2.
 " For Saturday afternoon, 2.

" Work on Saturday prohibited.
 " Work on Saturday afternoon prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

PAINTERS, SIGN—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages ¹					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars	
Los Angeles, Calif.	150.0	66.00	1½	2	" 2	8 -4 -44	12			150.0	66.00	8 -4 -44
Louisville, Ky.	137.5	60.50	1½	2	" 2	8 -4 -44	12			137.5	60.50	8 -4 -44
Manchester, N. H.	90.0	39.60	1½	2	" 2	8 -4 -44	12					
Memphis, Tenn.	150.0	66.00	1½	2	2	8 -4 -44				150.0	66.00	8 -4 -44
Milwaukee, Wis.	150.0	66.00	1½	2	2	8 -4 -44	12	13	162.5 to 187.5	150.0	66.00	8 -4 -44
Minneapolis, Minn.	137.5	60.50	1½	2	2	8 -4 -44	12	11	Not reported	137.5	60.50	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Nashville, Tenn.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
New Orleans, La.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
New York, N. Y.	183.8	73.50	2	2	" 2	8 -0 -40	12			183.8	73.50	8 -0 -40
Omaha, Nebr.	125.0	50.00	1½	1½	1½	8 -0 -40	12	100	135.0	125.0	50.00	8 -0 -40
Peoria, Ill.	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Philadelphia, Pa.	151.3	60.50	2	2	2	8 -0 -40	12			151.3	60.50	8 -0 -40
Pittsburgh, Pa.	150.0	66.00	1½	2	" 2	8 -4 -44	12	33	154.5	150.0	66.00	8 -4 -44
Portland, Me.	87.5	38.50	1½	2	2	8 -4 -44	12			87.5	38.50	8 -4 -44
Portland, Oreg.	150.0	66.00	1½	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Rochester, N. Y.	137.5	60.50	1½	1½	1½	8 -4 -44	12			137.5	60.50	8 -4 -44
Rock Island (Ill.) district	125.0	55.00	2	2	2	8 -4 -44	12	27	137.5			
St. Louis, Mo.	165.0	66.00	2	2	2	8 -0 -40	12	18	250.0	165.0	66.00	8 -0 -40
St. Paul, Minn.	137.5	60.50	1½	2	2	8 -4 -44	12	11	147.1 to 284.1	137.5	60.50	8 -4 -44
San Francisco, Calif.	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	60.00	8 -4 -44
Seattle, Wash.	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Spokane, Wash.	125.0	55.00	1½	2	" 2	8 -4 -44	12	13		125.0	55.00	8 -4 -44
Springfield, Mass.	137.5	60.50	2	2	2	8 -4 -44	12	75	150.0 to 175.0	137.5	60.50	8 -4 -44
Toledo, Ohio	150.0	60.00	1½	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Washington, D. C.	150.0	60.00	1½	2	2	8 -0 -40	12	13	Up to 187.5	137.5	60.50	8 -4 -44

Wichita, Kans.	100.0	44.00	1½	2	" 2	8	-4	-44	12			100.0	44.00	8	-4	-44
Worcester, Mass.	112.5	45.00	1½	2	2	8	-0	-40	12	100	125.0 to 150.0	112.5	45.00	8	-0	-40
Youngstown, Ohio.	137.5	55.00	1½	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40

PLASTERERS

Atlanta, Ga.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.	175.0	70.00	2	2	2	8	-0	-40	12			175.0	70.00	8	-0	-40
Birmingham, Ala.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-4	-44
Boston, Mass.	162.5	65.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Bridgeport, Conn.	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Buffalo, N. Y.	162.5	65.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Butte, Mont.	162.5	65.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
Charleston, S. C.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Chicago, Ill.	170.0	68.00	2	2	" 2	8	-0	-40	12			162.5	71.50	8	-4	-44
Cincinnati, Ohio.	150.0	66.75	2	2	Pro.	8	-4½	-44½	12			150.0	66.75	8	-4½	-44½
Cleveland, Ohio.	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Columbus, Ohio.	137.5	60.50	2	2	Pro.	8	-4	-44	12			162.5	71.50	8	-4	-44
Dallas, Tex.	162.5	65.00	2	2	Pro.	8	-0	-40	12			162.5	65.00	8	-0	-40
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	156.3	62.50	2	2	Pro.	8	-0	-40	12			156.3	62.50	8	-0	-40
Denver, Colo.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Des Moines, Iowa.	150.0	60.00	2	2	Pro.	8	-0	-40	12			150.0	66.00	8	-4	-44
Detroit, Mich.	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Erie, Pa.	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Fall River, Mass.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Grand Rapids, Mich.	150.0	60.00	1½	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Houston, Tex.	175.0	70.00	2	2	" 2	8	-0	-40	12			162.5	71.50	8	-4	-44
Indianapolis, Ind.	157.5	63.00	2	2	2	8	-0	-40	12			157.5	63.00	8	-0	-40
Jacksonville, Fla.	100.0	44.00	1½	2	" 2	8	-4	-44	12			125.0	55.00	8	-4	-44
Kansas City, Mo.	150.0	60.00	2	2	2	8	-0	-40	12	6	Up to 162.5	150.0	66.00	8	-4	-44
Little Rock, Ark.	150.0	66.00	2	2	2	8	-4	-44	12	12	Up to 162.5	150.0	66.00	8	-4	-44
Los Angeles, Calif.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Louisville, Ky.	162.5	65.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
Madison, Wis.	150.0	60.00	2	2	2	8	-0	-40	12	6	175.0	137.5	60.50	8	-4	-44
Manchester, N. H.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Memphis, Tenn.	156.3	62.50	1½	2	2	8	-0	-40	12			156.3	62.50	8	-0	-40
Milwaukee, Wis.	150.0	66.00	2	Pro.	" 2	8	-4	-44	12			150.0	66.00	8	-4	-44
Minneapolis, Minn.	150.0	66.00	2	2	2	8	-4	-44	12	13	162.5	150.0	66.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Nashville, Tenn.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Newark, N. J.	153.8	77.50	2	2	2	8	-0	-40	12			175.0	77.00	8	-4	-44
New Haven, Conn.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
New Orleans, La.	125.0	56.25	2	2	2	8	-5	-45	12			125.0	56.25	8	-5	-45
New York, N. Y.	152.5	77.00	2	2	2	8	-0	-40	12			175.0	70.00	8	-0	-40
Norfolk (Va.) district.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Peoria, Ill.	150.0	66.00	2	2	2	8	-4	-44	12	8	162.5	150.0	66.00	8	-4	-44

* For Saturday afternoon, 1½.
 * Work on Saturday prohibited.

* Work on Saturday afternoon prohibited.
 * Work on Saturday afternoon and Labor Day prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

PLASTERERS—Continued

City	May 15, 1930										May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars					
Philadelphia, Pa.:															
Rate A	125.0	50.00	1½	2	2	8	-0	-40	12	125.0	50.00	8	-0	-40	
Rate B	162.5	65.00	2	2	Pro.	8	-0	-40	12	150.0	60.00	8	-0	-40	
Pittsburgh, Pa.	166.3	66.50	2	2	Pro.	8	-0	-40	12	166.3	66.50	8	-0	-40	
Portland, Me.	137.5	60.50	2	2	2	8	-4	-44	12	137.5	60.50	8	-4	-44	
Portland, Oreg.	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40	
Providence, R. I.	150.0	60.00	2	2	2	8	-0	-40	12	4 150.0	60.00	8	-0	-40	
Reading, Pa.	125.0	55.00	2	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44	
Richmond, Va.	125.0	55.00	2	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44	
Rochester, N. Y.	143.8	57.50	2	2	2	8	-0	-40	12	143.8	63.25	8	-4	-44	
Rock Island (Ill.) district	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40	
Saginaw, Mich.	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44	
St. Louis, Mo.	175.0	70.00	2	2	2	8	-0	-40	12	175.0	70.00	8	-0	-40	
St. Paul, Minn.	125.0	55.00	2	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44	
Salt Lake City, Utah	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44	
San Francisco, Calif.	137.5	55.00	2	2	2	8	-0	-40	12	137.5	60.50	8	-4	-44	
Scranton, Pa.	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40	
Seattle, Wash.	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40	
Spokane, Wash.	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40	
Springfield, Mass.	162.5	71.50	2	2	2	8	-4	-44	12	18 175.0	162.5	71.50	8	-4	-44
Toledo, Ohio.	162.5	65.00	1½	2	2	8	-0	-40	12	162.5	71.50	8	-4	-44	
Washington, D. C.	162.5	65.00	2	2	2	8	-0	-40	12	162.5	65.00	8	-0	-40	
Wichita, Kans.	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44	
Worcester, Mass.	150.0	66.00	2	2	2	8	-4	-44	12	19 162.5	150.0	66.00	8	-4	-44
York, Pa.	105.0	46.20	2	2	2	8	-4	-44	12	105.0	46.20	8	-4	-44	
Youngstown, Ohio.	162.5	65.00	2	2	Pro.	8	-0	-40	12	162.5	65.00	8	-0	-40	

GENERAL TABLE

125⁵⁴ For Saturday afternoon, 1.²¹ For Saturday, 1½.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued
PLUMBERS AND GAS FITTERS

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Atlanta, Ga.	125.0	55.00	2	2	2	8 -4 -44	12		125.0	55.00	8 -4 -44	
Baltimore, Md.	137.5	55.00	2	2	2	8 -0 -40	12	9	Average, 162.0.	137.5	55.00	8 -0 -40
Birmingham, Ala.	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Boston, Mass.	150.0	60.00	2	2	2	8 -0 -40	12	3		137.5	60.50	8 -4 -44
Bridgeport, Conn.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Buffalo, N. Y.	137.5	60.50	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Butte, Mont.	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Charleston, S. C.	100.0	44.00	2	2	2	8 -4 -44	12	24	125.0.	100.0	44.00	8 -4 -44
Chicago, Ill.	162.5	71.50	2	2	2	8 -4 -44	12			162.5	71.50	8 -4 -44
Cincinnati, Ohio.	140.0	61.60	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Cleveland, Ohio.	150.0	60.00	2	2	2	8 -0 -40	12			150.0	66.00	8 -4 -44
Columbus, Ohio.	137.5	60.50	1½	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Dallas, Texas.	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Denver, Colo.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Des Moines, Iowa.	125.0	50.00	1½	2	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Detroit, Mich.	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Erie, Pa.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Fall River, Mass.	100.0	44.00	2	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
Grand Rapids, Mich.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Houston, Texas.	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Indianapolis, Ind.	150.0	60.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
Jacksonville, Fla.	100.0	44.00	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Kansas City, Mo.	137.5	60.50	2	2	2	8 -4 -44	12	9	Up to 150.0.	137.5	60.50	8 -4 -44
Little Rock, Ark.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Los Angeles, Calif.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44

Louisville, Ky.	137.5	55.00	2	2	2	8	-0	-40	12	10	Up to 150.0.	137.5	60.50	8	-4	-44
Madison, Wis.	140.0	56.00	1½	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Manchester, N. H.: Plumbers	112.5	45.00	2	2	2	8	-0	-40	12			105.0	46.20	8	-4	-44
Memphis, Tenn.	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Milwaukee, Wis.	118.8	52.25	1½	2	2	8	-4	-44	12	2	Not reported	118.8	52.25	8	-4	-44
Minneapolis, Minn.	125.0	55.00	2	2	2	8	-4	-44	12	5	137.5	125.0	55.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Nashville, Tenn.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Newark, N. J.	165.0	66.00	2	2	2	8	-0	-40	12			165.0	66.00	8	-0	-40
New Haven, Conn.	125.0	50.00	2	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
New Orleans, La.	105.0	46.20	2	2	2	8	-4	-44	12			105.0	46.20	8	-4	-44
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Norfolk (Va.) district.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Omaha, Nebr.	125.0	55.00	2	2	2	8	-4	-44	12	11	137.5	125.0	55.00	8	-4	-44
Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Philadelphia, Pa.	125.0	50.00	2	2	2	8	-0	-40	12			115.0	50.00	8	-4	-44
Pittsburgh, Pa.	162.5	65.00	1½	2	2	8	-0	-40	12			156.8	68.75	8	-4	-44
Portland, Me.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Portland, Oreg.	137.5	55.00	2	2	2	8	-4	-44	12			137.5	55.00	8	-4	-44
Providence, R. I.	127.5	56.10	2	2	2	8	-4	-44	12	16		127.5	56.10	8	-4	-44
Reading, Pa.	125.0	50.00	1½	2	2	8	-0	-40	12	6	Not reported	125.0	55.00	8	-4	-44
Richmond, Va.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Rochester, N. Y.	137.5	60.50	1½	2	2	8	-4	-44	12			131.3	57.75	8	-4	-44
Rock Island (Ill.) district:																
Moline, Ill.	137.5	55.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Rock Island, Ill., and Davenport, Iowa.	137.5	55.00	2	2	2	8	-0	-40	12			131.3	57.75	8	-4	-44
Saginaw, Mich.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
St. Louis, Mo.	162.5	65.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
St. Paul, Minn.	125.0	55.00	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Salt Lake City, Utah.	120.0	52.80	2	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
San Francisco, Calif.	125.0	50.00	2	2	2	8	-0	-40	12	4		125.0	55.00	8	-4	-44
Scranton, Pa.	125.0	55.00	2	2	2	8	-4	-44	12	14	137.5	125.0	55.00	8	-4	-44
Seattle, Wash.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Spokane, Wash.	125.0	50.00	2	2	2	8	-4	-44	12			125.0	50.00	8	-0	-40
Springfield, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	21	136.4 to 137.5	125.0	55.00	8	-4	-44
Toledo, Ohio	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Washington, D. C.	150.0	60.00	2	2	2	8	-0	-40	12			143.7	57.47	8	-0	-40
Wichita, Kans.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Worcester, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	43	137.5 to 150.0	125.0	55.00	8	-4	-44
York, Pa.	95.0	41.80	1½	2	2	8	-4	-44	12			95.0	41.80	8	-4	-44
Youngstown, Ohio	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40

PLUMBERS' LABORERS

Buffalo, N. Y.	75.0	33.00	1½	2	2	8	-4	-44	12							
Cleveland, Ohio.	97.5	39.00	1½	2	2	8	-0	-40	12			97.5	42.90	8	-4	-44
Denver, Colo.	87.5	38.50	2	2	2	8	-4	-44	12			87.5	38.50	8	-4	-44

* Reported erroneously as 130.0 and \$57.20, respectively, in 1929.

* For Saturday, 1.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

PLUMBERS' LABORERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Des Moines, Iowa.....	90.0	36.00	1½	2	2	8 -0 -40	12		90.0	39.60	8 -4 -44	
Kansas City, Mo.....	85.0	37.40	2	2	2	8 -4 -44	12		85.0	37.40	8 -4 -44	
Louisville, Ky.....	50.0	22.00	1½	2	2	8 -4 -44	12					
Minneapolis, Minn:												
First man.....	80.0	35.20	1½	2	2	8 -4 -44	12		80.0	35.20	8 -4 -44	
Second man.....	70.0	30.80	1½	2	2	8 -4 -44	12		70.0	30.80	8 -4 -44	
New York, N. Y.....	123.8	49.50	2	2	2	8 -0 -40	12		112.5	49.50	8 -4 -44	
Pittsburgh, Pa.....	100.0	44.00	1½	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Portland, Oreg.....	75.0	30.00	1½	2	2	8 -0 -40	12		75.0	33.00	8 -4 -44	
Rochester, N. Y.....	70.0	30.80	1	1	1	8 -4 -44	12		70.0	30.80	8 -4 -44	
St. Louis, Mo.....	100.0	44.00	2	2	2	8 -4 -44	12		93.8	41.25	8 -4 -44	

SHEET-METAL WORKERS

Atlanta, Ga.....	90.0	43.20	1½	2	2	8 -8 -48				90.0	43.20	8 -8 -48
Baltimore, Md.....	137.5	55.00	2	2	2	8 -0 -40	12			131.3	52.50	8 -0 -40
Birmingham, Ala.....	115.0	48.00	1½	2	2	8 -0 -40	12			115.0	50.60	8 -4 -44
Boston, Mass.....	137.5	60.50	2	2	2	8 -4 -44	12	36	Up to 150.0.....	137.5	60.50	8 -4 -44
Bridgeport, Conn.....	137.5	55.00	2	2	2	8 -0 -40	12			137.0	60.28	8 -4 -44
Buffalo, N. Y.....	125.0	55.00	2	2	2	8 -4 -44	12			115.0	50.60	8 -4 -44
Butte, Mont.....	125.0	50.00	2	2	2	8 -0 -40	12	9	130.0 to 160.0.....	112.5	49.50	8 -4 -44
Chicago, Ill.....	156.3	68.75	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Cincinnati, Ohio.....	125.0	60.00	1½	2	2	8½ -4½ -48	12			122.5	58.80	8½ -4½ -48
Cleveland, Ohio.....	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44

Dallas, Tex.	137.5	55.00	1½	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district):																
Dayton, Ohio	125.0	55.00	2	2	2	8	-4	-44	12			122.5	53.90	8	-4	-44
Denver, Colo.	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Des Moines, Iowa	125.0	50.00	2	2	2	8	-0	-40	12	3	Not reported	125.0	55.00	8	-4	-44
Detroit, Mich.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Houston, Tex.	150.0	60.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Indianapolis, Ind.	127.5	56.10	1½	2	2	8	-4	-44	12			122.5	53.90	8	-4	-44
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Little Rock, Ark.	90.0	39.60	1½	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Los Angeles, Calif.	112.5	49.50	1½	2	2	8	-4	-44	12	25	118.8 to 131.3	112.5	49.50	8	-4	-44
Louisville, Ky.	110.0	48.40	1½	2	2	8	-4	-44	12	10	Up to 125.0	100.0	44.00	8	-4	-44
Madison, Wis.	125.0	50.00	1½	2	2	8	-0	-40	12	5	Not reported	112.5	49.50	8	-4	-44
Manchester, N. H.:																
First Class	100.0	44.00	1½	1½	1½	8	-4	-44	12			100.0	44.00	8	-4	-44
Second Class	90.0	39.60	1½	1½	1½	8	-4	-44	12			90.0	39.60	8	-4	-44
Memphis, Tenn.	137.5	60.50	1½	1½	1½	8	-4	-44	12			125.0	55.00	8	-4	-44
Milwaukee, Wis.	105.0	46.20	1½	2	2	8	-4	-44	12	30	130.0 to 150.0	105.0	46.20	8	-4	-44
Minneapolis, Minn.	112.5	49.50	2	2	2	8	-4	-44	12	10	Up to 170.5	106.3	46.75	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	85.0	37.40	1½	2	2	8	-4	-44	12			85.0	37.40	8	-4	-44
Newark, N. J.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
New Haven, Conn.	125.0	55.00	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Omaha, Nebr.	100.0	44.00	2	2	2	8	-4	-44	12	12	113.6	100.0	44.00	8	-4	-44
Peoria, Ill.	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Philadelphia, Pa.	125.0	55.00	1½	2	2	8	-4	-44	12	20		125.0	55.00	8	-4	-44
Pittsburgh, Pa.	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Portland, Oreg.	118.8	47.50	1½	2	2	8	-0	-40	12	3		118.8	47.50	8	-0	-40
Providence, R. I.	135.0	59.40	2	2	2	8	-4	-44	12	12	160.0	110.0	48.40	8	-4	-44
Rochester, N. Y.	115.5	50.82	1½	2	2	8	-4	-44	12	10	125.0	115.5	50.82	8	-4	-44
Rock Island (Ill.) district	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
St. Louis, Mo.	150.0	60.00	2	2	2	8	-0	-40	12	31	162.5	150.0	60.00	8	-0	-40
St. Paul, Minn.	112.5	49.50	2	2	2	8	-4	-44	12			106.3	46.75	8	-4	-44
Salt Lake City, Utah	106.3	46.75	1½	1½	1½	8	-4	-44	12			100.0	44.00	8	-4	-44
San Francisco, Calif.	112.5	45.00	2	2	2	8	-0	-40	12	50		112.5	49.50	8	-4	-44
Scranton, Pa.	125.0	55.00	2	2	2	8	-4	-44	12	13	137.5	125.0	55.00	8	-4	-44
Seattle, Wash.	125.0	50.00	1½	2	2	8	-0	-40	12	10	137.5	125.0	50.00	8	-0	-40
Spokane, Wash.	112.5	45.00	1½	1½	1½	8	-0	-40	12			112.5	49.50	8	-4	-44
Springfield, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	15	137.5 to 162.5	125.0	55.00	8	-4	-44
Toledo, Ohio	100.0	44.00	1½	2	2	8	-4	-44	12							
Washington, D. C.	150.0	66.00	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Wichita, Kans.	112.5	49.50	1½	2	2	8	-4	-44	12	20	125.0	100.0	44.00	8	-4	-44
Worcester, Mass.	100.0	44.00	2	2	2	8	-4	-44	12	100	110.0 to 125.0	100.0	44.00	8	-4	-44
Youngstown, Ohio	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40

²² For Saturday afternoon, 1½.

²³ 40 hours per week October to April, inclusive.

²⁴ Old scale in effect; strike pending.

²⁵ For Saturday, 1½.

²⁶ Work on Saturday prohibited.

²⁷ Some members work 44 hours per week, September to April, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

SHIP CARPENTERS

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Charleston, S. C.	70.0	33.60	2	2	2	8	4			70.0	33.60	8
Chicago, Ill.	162.5	71.50	2	2	2	8	12			150.0	66.00	8
New Orleans, La.	80.0	35.20	2	2	2	8	12	10	85.0	80.0	35.20	8
New York, N. Y.	165.0	66.00	2	2	2	8	12					
Portland, Oreg.	100.0	40.00	1½	2	2	8	12			100.0	44.00	8
St. Louis, Mo.	100.0	44.00	2	2	2	8	12			100.0	44.00	8
San Francisco, Calif.	87.5	38.50	2	2	2	8	12			87.5	38.50	8
Seattle, Wash.	100.0	44.00	2	2	2	8	12			100.0	44.00	8

SLATE AND TILE ROOFERS

Baltimore, Md.	112.5	45.00	2	2	2	8	12			112.5	45.00	8
Boston, Mass.	137.5	60.50	2	2	2	8	12			137.5	60.50	8
Bridgeport, Conn.	150.0	60.00	2	2	2	8	12			150.0	66.00	8
Buffalo, N. Y.	125.0	55.00	2	2	2	8	12					
Chicago, Ill.	175.0	77.00	2	2	2	8	12	36	Average, 185.0	175.0	77.00	8
Cincinnati, Ohio.	140.0	61.60	1½	2	2	8	12			137.5	60.50	8
Cleveland, Ohio.	162.5	65.00	1½	2	2	8	12			162.5	71.50	8
Dayton, Ohio.	125.0	55.00	2	2	2	8	12			122.5	53.90	8
Denver, Colo.	112.5	49.50	1½	2	2	8	12			112.5	49.50	8
Kansas City, Mo.	125.0	55.00	1½	2	2	8	12			125.0	55.00	8
Minneapolis, Minn.	100.0	44.00	1½	2	2	8	12					
Newark, N. J.	181.3	72.50	2	2	2	8	12			175.0	77.00	8
New Haven, Conn.	150.0	60.00	2	2	2	8	12			150.0	66.00	8

New Orleans, La.	100.0	44.00	13 1/2	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
New York, N. Y.	185.6	74.25	2 1/2	2	2	2	8	-0	-40	12			185.6	74.25	8	-4	-44
Philadelphia, Pa.	150.0	66.00	13 1/2	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Pittsburgh, Pa.	150.0	66.00	13 1/2	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Rochester, N. Y.	105.0	42.00	13 1/2	2	2	2	8	-0	-40	12			105.0	42.00	8	-4	-44
Rock Island (Ill.) district	125.0	55.00	13 1/2	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
St. Louis, Mo.	150.0	60.00	13 1/2	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
St. Paul, Minn.	100.0	44.00	13 1/2	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Scranton, Pa.	112.5	49.50	2	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Seattle, Wash.	112.5	45.00	13 1/2	2	2	2	8	-0	-40	12			112.5	45.00	8	-0	-40
Springfield, Mass.	125.0	55.00	13 1/2	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Washington, D. C.	150.0	60.00	2	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Youngstown, Ohio	140.0	56.00	13 1/2	2	2	2	8	-0	-40	12			140.0	56.00	8	-0	-40

STEAM AND SPRINKLER FITTERS

Atlanta, Ga.	125.0	55.00	2	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.:																	
Sprinkler fitters	137.5	55.00	2	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Steam fitters	137.5	55.00	2	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Birmingham, Ala.	150.0	60.00	2	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Boston, Mass.:																	
Sprinkler fitters	137.5	55.00	2	2	2	2	8	-0	-40	12	14	Up to 150.0	125.0	55.00	8	-4	-44
Steam fitters	150.0	60.00	2	2	2	2	8	-0	-40	12	14	Up to 162.5	137.5	60.50	8	-4	-44
Bridgeport, Conn.	137.5	55.00	2	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Buffalo, N. Y.:																	
Sprinkler fitters	137.5	55.00	2	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Steam fitters	150.0	60.00	2	2	2	2	8	-4	-44	12	20	162.5 to 187.5	137.5	60.50	8	-4	-44
Butte, Mont.	150.0	60.00	2	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Charleston, S. C.	100.0	44.00	2	2	2	2	8	-4	-44	12	40	125.0	100.0	44.00	8	-4	-44
Chicago, Ill.	170.0	74.80	2	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Cincinnati, Ohio	140.0	61.60	2	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Cleveland, Ohio	150.0	60.00	2	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Columbus, Ohio	137.5	60.50	2	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Dallas, Tex.	150.0	66.00	2	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																	
Dayton, Ohio	137.5	55.00	2	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Denver, Colo.	137.5	55.00	2	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Des Moines, Iowa	125.0	50.00	13 1/2	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Detroit, Mich.:																	
Sprinkler fitters	125.0	55.00	2	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Steam fitters	150.0	66.00	2	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Erie, Pa.	137.5	55.00	2	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Fall River, Mass.	100.0	44.00	2	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Grand Rapids, Mich.	112.5	49.50	2	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Houston, Tex.	150.0	66.00	2	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Indianapolis, Ind.	150.0	60.00	2	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40

²² For Saturday afternoon, 1 1/2.

²³ 44 hours per week September to April, inclusive.

²⁴ 44 hours per week June to September, inclusive.

²⁵ 44 hours per week June to August, inclusive.

²⁶ Work on Labor Day prohibited.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

STEAM AND SPRINKLER FITTERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Jacksonville, Fla.	100.0	44.00	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Kansas City, Mo.:												
Sprinkler fitters	137.5	60.50	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Steam fitters	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Little Rock, Ark.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Los Angeles, Calif.:												
Sprinkler fitters	137.5	55.00	2	2	2	8 -0 -40	12	21	143.8 to 150.0	125.0	55.00	8 -4 -44
Steam fitters	125.0	55.00	2	2	2	8 -4 -44	12	40	137.5	125.0	55.00	8 -4 -44
Louisville, Ky.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Madison, Wis.	137.5	55.00	1½	2	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Manchester, N. H.	112.5	45.00	2	2	2	8 -0 -40	12			105.0	46.20	8 -4 -44
Memphis, Tenn.	156.3	62.50	2	2	2	8 -0 -40	12			156.3	62.50	8 -0 -40
Milwaukee, Wis.:												
Sprinkler fitters	125.0	55.00	2	2	2	8 -4 -44	12	38		125.0	55.00	8 -4 -44
Steam fitters	106.3	46.75	1½	2	2	8 -4 -44	12	4	112.5	106.3	46.75	8 -4 -44
Minneapolis, Minn.:												
Sprinkler fitters	125.0	50.00	2	2	2	8 -0 -40	12	6	Not reported	125.0	55.00	8 -4 -44
Steam fitters	125.0	55.00	2	2	2	8 -4 -44	12	4	137.5	125.0	55.00	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Nashville, Tenn.	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Newark, N. J.:												
Sprinkler fitters	137.5	55.00	2	2	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Steam fitters	165.0	66.00	2	2	2	8 -0 -40	12			150.0	66.00	8 -4 -44
New Haven, Conn.	125.0	50.00	2	2	2	8 -0 -40	12					
New Orleans, La.	105.0	46.20	2	2	2	8 -4 -44	12			105.0	46.20	8 -4 -44

New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Norfolk (Va.) district	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Omaha, Nebr.	125.0	55.00	2	2	2	8	-4	-44	12	13	Not reported.	125.0	55.00	8	-4	-44
Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Philadelphia, Pa.:																
Sprinkler fitters	137.5	55.00	2	2	2	8	-0	-40	12				55.00	8	-4	-44
Steam fitters	125.0	50.00	2	2	2	8	-0	-40	12	20	137.5 to 225.0	125.0	55.00	8	-4	-44
Pittsburgh, Pa.:												115.0	50.00	8	-4	-44
Sprinkler fitters	125.0	55.00	1 $\frac{1}{2}$	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Steam fitters	162.5	65.00	1 $\frac{1}{2}$	2	2	8	-0	-40	12			156.3	68.25	8	-4	-44
Portland, Me.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Portland, Oreg.	137.5	55.00	2	2	2	8	-0	-40	12	9	150.0	137.5	55.00	8	-0	-40
Providence, R. I.	137.5	55.00	2	2	2	8	-0	-40	12	6	150.0	125.0	55.00	8	-4	-44
Reading, Pa.	125.0	50.00	1 $\frac{1}{2}$	2	2	8	-0	-40	12	20	Up to 162.5	125.0	55.00	8	-4	-44
Richmond, Va.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Rochester, N. Y.	137.5	60.50	1 $\frac{1}{2}$	2	2	8	-4	-44	12			131.3	57.75	8	-4	-44
Rock Island (Ill.) district:																
Moline, Ill.	137.5	55.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Rock Island, Ill., and Davenport, Iowa	137.5	55.00	2	2	2	8	-0	-40	12			131.3	57.75	8	-4	-44
Saginaw, Mich.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
St. Louis, Mo.:																
Sprinkler fitters	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Steam fitters	162.5	65.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
St. Paul, Minn.: Steam fitters	125.0	55.00	2	2	2	8	-4	-44	12	3	150.0	112.5	49.50	8	-4	-44
Salt Lake City, Utah	120.0	52.80	2	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
San Francisco, Calif.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Scranton, Pa.	125.0	55.00	2	2	2	8	-4	-44	12	9	137.5	125.0	55.00	8	-4	-44
Seattle, Wash.	137.5	55.00	2	2	2	8	-0	-40	12			137.5	55.00	8	-0	-40
Spokane, Wash.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Springfield, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	25	130.0 to 137.5	125.0	55.00	8	-4	-44
Toledo, Ohio	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Washington, D. C.	150.0	60.00	2	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Wichita, Kans.	125.0	55.00	1 $\frac{1}{2}$	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Worcester, Mass.	125.0	55.00	2	2	2	8	-4	-44	12	42	137.5	125.0	55.00	8	-4	-44
York, Pa.	95.0	41.80	1 $\frac{1}{2}$	2	2	8	-4	-44	12			95.0	41.80	8	-4	-44
Youngstown, Ohio	150.0	60.00	1 $\frac{1}{2}$	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40

STEAM AND SPRINKLER FITTERS' HELPERS

Baltimore, Md.:																
Sprinkler fitters' helpers	77.0	30.80	2	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
Steam fitters' helpers	90.0	36.00	2	2	2	8	-0	-40	12			90.0	36.00	8	-0	-40
Boston, Mass.:																
Sprinkler fitters' helpers	77.0	30.80	2	2	2	8	-0	-40	12	25	Up to 100.0	70.0	30.80	8	-4	-44
Steam fitters' helpers	104.0	41.60	2	2	2	8	-0	-40	12	5		95.0	41.80	8	-4	-44
Buffalo, N. Y.: Sprinkler fitters' helpers	77.0	30.80	2	2	2	8	-0	-40	12			70.0	30.80	8	-4	-44
Dallas, Tex.	81.3	35.75	2	2	2	8	-4	-44	12			81.3	35.75	8	-4	-44
Denver, Colo.	75.0	30.00	2	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
Des Moines, Iowa	67.5	27.00	1 $\frac{1}{2}$	2	2	8	-0	-40	12							

^a For Saturday, 1 $\frac{1}{2}$.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

STEAM AND SPRINKLER FITTERS' HELPERS—Continued

City	May 15, 1930								May 15, 1929						
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars				
Detroit, Mich.:															
Sprinkler fitters' helpers.....	70.0	30.80	2	2	2	8	-4	-44	12		70.0	30.80	8	-4	-44
Steam fitters' helpers.....	75.0	33.00	2	2	2	8	-4	-44	12		75.0	33.00	8	-4	-44
Erie, Pa.	70.0	28.00	2	2	2	8	-0	-40	12						
Fall River, Mass.	75.0	33.00	2	2	2	8	-4	-44	12		75.0	33.00	8	-4	-44
Houston, Tex.	75.0	33.00	2	2	2	8	-4	-44	12		75.0	33.00	8	-4	-44
Indianapolis, Ind.	80.0	32.00	2	2	2	8	-0	-40	12		80.0	32.00	8	-0	-40
Kansas City, Mo.:															
Sprinkler fitters' helpers.....	81.3	35.75	2	2	2	8	-4	-44	12		81.3	35.75	8	-4	-44
Steam fitters' helpers.....	75.0	30.00	2	2	2	8	-0	-40	12						
Los Angeles, Calif.	77.0	30.80	2	2	2	8	-0	-40	12		70.0	30.80	8	-4	-44
Louisville, Ky.	60.0	24.00	2	2	2	8	-0	-40	12		60.0	26.40	8	-4	-44
Milwaukee, Wis.:															
Sprinkler fitters' helpers.....	70.0	30.80	2	2	2	8	-4	-44	12		70.0	30.80	8	-4	-44
Steam fitters' helpers.....	62.5	27.50	1½	2	2	8	-4	-44	12		62.5	27.50	8	-4	-44
Minneapolis, Minn.:															
Sprinkler fitters' helpers.....	70.0	28.00	2	2	2	8	-0	-40	12		70.0	30.80	8	-4	-44
Steam fitters' helpers.....	62.5	27.50	2	2	2	8	-4	-44	12		62.5	27.50	8	-4	-44
Newark, N. J.:															
Sprinkler fitters' helpers.....	77.0	30.80	2	2	2	8	-0	-40	12		70.0	30.80	8	-4	-44
Steam fitters' helpers.....	112.5	45.00	2	2	2	8	-0	-40	12		100.0	44.00	8	-4	-44
New Orleans, La.	60.0	26.40	2	2	2	8	-4	-44	12		60.0	26.40	8	-4	-44
New York, N. Y.	123.8	49.50	2	2	2	8	-0	-40	12		112.5	49.50	8	-4	-44
Philadelphia, Pa.:															
Sprinkler fitters' helpers.....	77.0	30.80	2	2	2	8	-0	-40	12		70.0	30.80	8	-4	-44
Steam fitters' helpers.....	80.0	32.00	2	2	2	8	-0	-40	12		80.0	35.20	8	-4	-44

Pittsburgh, Pa.: Sprinkler fitters' helpers.....	87.5	38.50	1½	2	2	8	-4	-44	12			87.5	38.50	8	-4	-44
Steam fitters' helpers.....	110.0	44.00	1½	2	2	8	-0	-40	12			93.8	41.25	8	-4	-44
Providence, R. I.: Sprinkler fitters' helpers.....	77.0	30.80	2	2	2	8	-0	-40	12			70.0	30.80	8	-4	-44
Steam fitters' helpers.....	82.0	32.80	2	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
St. Louis, Mo.: Sprinkler fitters' helpers.....	87.5	38.50	2	2	2	8	-4	-44	12			87.5	38.50	8	-4	-44
Steam fitters' helpers.....	100.0	40.00	2	2	2	8	-0	-40	12							
St. Paul, Minn.: Steam fitters' helpers.....	62.5	27.50	2	2	2	8	-4	-44	12			62.5	27.50	8	-4	-44
San Francisco, Calif.....	75.0	30.00	2	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
Scranton, Pa.....	75.0	33.00	2	2	2	8	-4	-44	12			75.0	33.00	8	-4	-44
Springfield, Mass.....	70.0	30.80	2	2	2	8	-4	-44	12	100	75.0 to 90.0	70.0	30.80	8	-4	-44
Washington, D. C.....	82.5	33.00	2	2	2	8	-0	-40	12			75.0	33.00	8	-4	-44
Worcester, Mass.....	67.5	29.70	2	2	2	8	-4	-44	12	100	75.0 to 100.0	67.5	29.70	8	-4	-44

STONE MASONS

Atlanta, Ga.....	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.....	175.0	70.00	2	2	2	8	-0	-40	12			162.5	65.00	8	-0	-40
Birmingham, Ala.....	150.0	66.00	1½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Boston, Mass.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Bridgeport, Conn.....	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Buffalo, N. Y.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Butte, Mont.....	162.5	65.00	2	2	2	8	-0	-40	12							
Chicago, Ill.....	170.0	74.80	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Cincinnati, Ohio.....	150.0	60.00	2	2	2	8	-0	-40	12			160.0	67.50	8	-5	-45
Cleveland, Ohio.....	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Columbus, Ohio.....	156.3	68.75	2	2	2	8	-4	-44	12			156.3	68.75	8	-4	-44
Dallas, Tex.....	175.0	70.00	1½	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Denver, Colo.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Detroit, Mich.....	157.5	63.00	2	2	2	8	-0	-40	12			157.5	69.30	8	-4	-44
Erie, Pa.....	156.3	68.75	1½	2	2	8	-4	-44	12			156.3	68.75	8	-4	-44
Fall River, Mass.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Grand Rapids, Mich.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Houston, Tex.....	175.0	70.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Indianapolis, Ind.....	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Kansas City, Mo.....	125.0	55.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Little Rock, Ark.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Los Angeles, Calif.....	137.5	55.00	1½	2	2	8	-0	-40	12			137.5	60.50	8	-4	-44
Louisville, Ky.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Manchester, N. H.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Memphis, Tenn.....	162.5	65.00	2	2	2	8	-0	-40	12			162.5	71.50	8	-4	-44
Milwaukee, Wis.....	140.0	61.60	2	2	2	8	-4	-44	12	10	170.5	140.0	61.60	8	-4	-44
Minneapolis, Minn.....	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44

* For Saturday afternoon, 1½.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

STONE MASONS—Continued

City	May 15, 1930								May 15, 1929					
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week		
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week			
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars				
Nashville, Tenn.....	150.0	66.00	1½	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Newark, N. J.....	193.8	77.50	2	2	2	8	-0	-40	12	175.0	77.00	8	-4	-44
New Haven, Conn.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
New Orleans, La.....	150.0	66.00	1½	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
New York, N. Y.:.....														
A.....	192.5	77.00	2	2	2	8	-0	-40	12	192.5	77.00	8	-0	-40
B.....	192.5	77.00	2	2	2	8	-0	-40	12	187.5	75.00	8	-0	-40
Norfolk (Va.) district.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Omaha, Nebr.....	125.0	55.00	2	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44
Peoria, Ill.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Philadelphia, Pa.....	150.0	60.00	1½	2	2	8	-0	-40	12	150.0	66.00	8	-4	-44
Pittsburgh, Pa.....	156.3	62.50	2	2	2	8	-0	-40	12	156.3	68.75	8	-4	-44
Portland, Me.....	140.0	61.60	2	2	2	8	-4	-44	12	139.1	61.20	8	-4	-44
Providence, R. I.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Reading, Pa.....	112.5	49.50	1½	2	2	8	-4	-44	12	112.5	49.50	8	-4	-44
Richmond, Va.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Rochester, N. Y.....	137.5	55.00	2	2	2	8	-0	-40	12	143.8	63.25	8	-4	-44
Rock Island (Ill.) district.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
St. Louis, Mo.....	150.0	66.00	2	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
St. Paul, Minn.....	125.0	55.00	2	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44
Salt Lake City, Utah.....	125.0	55.00	1½	2	2	8	-4	-44	12	125.0	55.00	8	-4	-44
San Francisco, Calif.....	137.5	55.00	2	2	2	8	-0	-40	12	137.5	60.50	8	-4	-44
Scranton, Pa.....	150.0	66.00	1½	2	2	8	-4	-44	12	150.0	66.00	8	-4	-44
Seattle, Wash.....	150.0	60.00	2	2	2	8	-0	-40	12	150.0	60.00	8	-0	-40
Spokane, Wash.....	150.0	60.00	1½	2	2	8	-0	-40	12	150.0	66.00	8	-4	-44
Springfield, Mass.....	162.5	71.50	2	2	2	8	-4	-44	12	162.5	71.50	8	-4	-44

Toledo, Ohio.....	162.5	71.50	11½	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Washington, D. C.....	150.0	66.00	11½	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Wichita, Kans.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Worcester, Mass.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
York, Pa.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44

STRUCTURAL-IRON WORKERS

Atlanta, Ga.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Rodmen.....	100.0	44.00	2	2	2	8	-4	-44	12			90.0	39.60	8	-4	-44
Baltimore, Md.....	165.0	66.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Rodmen.....	137.5	55.00	2	2	2	8	-0	-40	12			125.0	50.00	8	-0	-40
Birmingham, Ala.....	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Rodmen.....	100.0	40.00	2	2	2	8	-0	-40	12			100.0	44.00	8	-4	-44
Boston, Mass.....	137.5	60.50	2	2	2	8	-4	-44	12	18	157.5	137.5	60.50	8	-4	-44
Bridgeport, Conn.....	150.0	66.00	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Buffalo, N. Y.....	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Butte, Mont.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Chicago, Ill.....	162.5	71.50	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Cincinnati, Ohio.....	140.0	61.60	2	2	2	8	-4	-44	12	13	155.0	137.5	60.50	8	-4	-44
Rodmen.....	120.0	52.80	1½	2	2	8	-4	-44	12			117.5	52.29	8	-½	-4½
Cleveland, Ohio.....	150.0	60.00	2	2	2	8	-0	-40	12			150.0	66.00	8	-4	-44
Columbus, Ohio.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Rodmen.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Dallas, Tex.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Rodmen.....	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.....	135.0	59.40	2	2	2	8	-4	-44	12			135.0	59.40	8	-4	-44
Rodmen.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Denver, Colo.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Rodmen.....	125.0	55.00	2	2	2	8	-4	-44	12							
Des Moines, Iowa.....	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Detroit, Mich.....	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Rodmen.....	100.0	44.00	1½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Erie, Pa.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Houston, Tex.....	125.0	55.00	2	2	2	8	-4	-44	12	11	150.0 to 162.5	125.0	55.00	8	-4	-44
Rodmen.....	125.0	55.00	2	2	2	8	-4	-44	12			106.3	46.75	8	-4	-44
Indianapolis, Ind.....	145.0	63.80	2	2	2	8	-4	-44	12			145.0	63.80	8	-4	-44
Jacksonville, Fla.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Kansas City, Mo.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Los Angeles, Calif.....	112.5	49.50	1½	1½	1½	8	-4	-44	12	10	125.0 to 150.0	112.5	49.50	8	-4	-44
Rodmen.....	100.0	44.00	1½	1½	1½	8	-4	-44	12			100.0	44.00	8	-4	-44
Louisville, Ky.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Rodmen.....	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Madison, Wis.....	125.0	55.00	1½	2	2	8	-4	-44	12	10	150.0	125.0	55.00	8	-4	-44
Memphis, Tenn.....	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Milwaukee, Wis.....	120.0	52.80	1½	2	2	8	-4	-44	12	19	137.5	120.0	52.80	8	-4	-44

* For Saturday afternoon, 1½.

* 44 hours per week September to April, inclusive.

* 40 hours per week July and August.

GENERAL TABLE

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TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued
STRUCTURAL-IRON WORKERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Minneapolis, Minn.	125.0	55.00	2	2	2	8 -4 -44	12	9	140.9 to 170.5	125.0	55.00	8 -4 -44
Rodmen	125.0	55.00	1½	2	2	8 -4 -44	12	9	140.9 to 170.5	125.0	55.00	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Newark, N. J.	187.5	75.00	2	2	2	8 -0 -40	12			175.0	77.00	8 -4 -44
New Haven, Conn.	150.0	66.00	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
New Orleans, La.	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
New York, N. Y.	192.5	77.00	2	2	2	8 -0 -40	12	7	211.3 to 230.0	175.0	77.00	8 -4 -44
Norfolk (Va.) district.	137.5	60.50	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Omaha, Nebr.	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Peoria, Ill.	125.0	55.00	2	2	2	8 -4 -44	12	11	Up to 150.0	125.0	55.00	8 -4 -44
Philadelphia, Pa.	150.0	66.00	2	2	2	17 8 -4 -44	12			150.0	66.00	8 -4 -44
Pittsburgh, Pa.	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Portland, Oreg.	137.5	60.50	2	2	2	11 8 -4 -44	12			125.0	55.00	8 -4 -44
Rodmen	112.5	49.50	2	2	2	11 8 -4 -44	12			110.0	48.40	8 -4 -44
Providence, R. I.	125.0	55.00	2	2	2	8 -4 -44	12	8		125.0	55.00	8 -4 -44
Richmond, Va.	137.5	60.50	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Rodmen	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Rochester, N. Y.:												
Journeyman and riggers	125.0	50.00	2	2	2	8 -0 -40	12	38	137.5	125.0	55.00	8 -4 -44
Rodmen	112.5	45.00	2	2	2	8 -0 -40	12			112.5	49.50	8 -4 -44
Rock Island (Ill.) district.	180.0	57.20	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
St. Louis, Mo.	175.0	70.00	2	2	2	8 -0 -40	12			150.0	60.00	8 -0 -40
St. Paul, Minn.	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Salt Lake City, Utah	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
San Francisco, Calif.	137.5	55.00	2	2	2	8 -0 -40	12			137.5	60.50	8 -4 -44
Rodmen	112.5	45.00	2	2	2	8 -0 -40	12			112.5	49.50	8 -4 -44
Scranton, Pa.	150.0	66.00	2	2	2	8 -4 -44	12			137.5	60.50	8 -4 -44
Seattle, Wash.	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Rodmen	112.5	49.50	2	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44

Spokane, Wash.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Rodmen	112.5	45.00	2	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Springfield, Mass.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Toledo, Ohio	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Washington, D. C.	165.0	66.00	2	2	2	8	-0	-40	12			165.0	72.00	8	-4	-44
Rodmen	125.0	55.00	2	2	2	8	-4	-44	12	8	150.0	112.5	49.50	8	-4	-44
Worcester, Mass.	137.5	60.50	2	2	2	8	-4	-44	12	29	150.0	137.5	60.50	8	-4	-44
Youngstown, Ohio	150.0	60.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-4	-40

STRUCTURAL-IRON WORKERS: FINISHERS

Atlanta, Ga.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.	165.0	66.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
Birmingham, Ala.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Boston, Mass.	137.5	60.50	2	2	2	8	-4	-44	12	7	157.5	137.5	60.50	8	-4	-44
Buffalo, N. Y.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Butte, Mont.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Chicago, Ill.	162.5	71.50	1½	2	2	8	-4	-44	12			150.0	60.00	8	-4	-44
Dallas, Tex.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Denver, Colo.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Detroit, Mich.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Houston, Tex.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Kansas City, Mo.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Los Angeles, Calif.	112.5	49.50	1½	1½	1½	8	-4	-44	12			112.5	49.50	8	-4	-44
Louisville, Ky.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Memphis, Tenn.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Milwaukee, Wis.	120.0	52.80	1½	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
Minneapolis, Minn.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)									12	12	140.9 to 170.5	125.0	55.00	8	-4	-44
Newark, N. J.	187.5	75.00	2	2	2	8	-0	-40	12			175.0	77.00	8	-4	-44
New Orleans, La.	125.0	55.00	2	2	2	8	-4	-44	12							
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12	8	180.0 and up	150.0	66.00	8	-4	-44
Omaha, Nebr.	112.5	49.50	2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Pittsburgh, Pa.	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Portland, Oreg.	137.5	60.50	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Rochester, N. Y.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Rock Island (Ill.) district	130.0	57.20	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
St. Louis, Mo.	175.0	70.00	2	2	2	8	-0	-40	12			150.0	60.00	8	-0	-40
St. Paul, Minn.	125.0	55.00	2	2	2	8	-4	-44	12	17	150.0	125.0	55.00	8	-4	-44
Salt Lake City, Utah	112.5	49.50	2	2	2	8	-4	-44	12	10	125.0	112.5	49.50	8	-4	-44
San Francisco, Calif.	112.5	45.00	2	2	2	8	-0	-40	12			112.5	49.50	8	-4	-44
Seattle, Wash.	125.0	55.00	2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Spokane, Wash.	125.0	50.00	2	2	2	8	-0	-40	12			125.0	55.00	8	-4	-44
Springfield, Mass.	137.5	60.50	2	2	2	8	-4	-44	12			137.5	60.50	8	-4	-44
Washington, D. C.	165.0	66.00	2	2	2	8	-0	-40	12			165.0	72.00	8	-4	-44
Worcester, Mass.	137.5	60.50	2	2	2	8	-4	-44	12	100	150.0	137.5	60.50	8	-4	-44

* For Saturday afternoon, 1½.

* 40 hours per week June to August, inclusive.

* 40 hours per week October to March, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

TILE LAYERS

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars					
Atlanta, Ga.	125.0	55.00	1½	2	2	8	4	44	12		125.0	55.00	8	4	44	
Baltimore, Md.	150.0	60.00	1½	2	2	8	0	40	12		150.0	60.00	8	0	40	
Birmingham, Ala.	150.0	66.00	1½	2	2	8	4	44	12		150.0	66.00	8	4	44	
Boston, Mass.	150.0	66.00	1½	2	2	8	4	44	12		150.0	66.00	8	4	44	
Bridgeport, Conn.	175.0	70.00	2	2	2	8	0	40	12		162.5	71.50	8	4	44	
Buffalo, N. Y.	137.5	60.50	2	2	2	8	4	44	12		137.5	60.50	8	4	44	
Butte, Mont.	125.0	50.00	2	2	2	8	0	40	12	100	125.0	55.00	8	4	44	
Chicago, Ill.	162.5	71.50	2	2	2	8	4	44	12		162.5	71.50	8	4	44	
Cincinnati, Ohio.	150.0	60.00	1½	2	2	8	0	40	12		150.0	66.00	8	4	44	
Cleveland, Ohio.	150.0	60.00	1½	2	2	8	0	40	12		150.0	66.00	8	4	44	
Columbus, Ohio.	137.5	60.50	1½	2	2	8	4	44	12		137.5	60.50	8	4	44	
Dallas, Tex.	150.0	60.00	1½	2	2	8	0	40	12	8	Up to 187.5	150.0	66.00	8	4	44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	150.0	66.00	2	2	2	8	4	44	12		150.0	66.00	8	4	44	
Denver, Colo.	150.0	60.00	1½	2	2	8	0	40	12		137.5	60.50	8	4	44	
Des Moines, Iowa.	125.0	50.00	188c.	250c.	250c.	8	0	40	12		125.0	55.00	8	4	44	
Detroit, Mich.	150.0	66.00	2	2	2	8	4	44	12		150.0	66.00	8	4	44	
Erie, Pa.	125.0	55.00	1½	2	2	8	4	44	12		125.0	55.00	8	4	44	
Grand Rapids, Mich.	125.0	55.00	1½	2	2	8	4	44	12		125.0	55.00	8	4	44	
Houston, Tex.	150.0	66.00	2	2	2	8	4	44	12		150.0	66.00	8	4	44	
Indianapolis, Ind.	150.0	66.00	1½	2	2	8	4	44	12		150.0	66.00	8	4	44	
Jacksonville, Fla.	125.0	55.00	1½	2	2	8	4	44	12		125.0	55.00	8	4	44	
Kansas City, Mo.	150.0	66.00	1½	2	2	8	4	44	12		150.0	66.00	8	4	44	
Little Rock, Ark.	150.0	66.00	2	2	2	8	4	44	12		150.0	66.00	8	4	44	
Los Angeles, Calif.	125.0	55.00	1½	2	2	8	4	44	12	7	125.0	55.00	8	4	44	
Louisville, Ky.	125.0	60.00	1½	2	2	8	0	40	12		125.0	60.00	8	0	40	
Manchester, N. H.	150.0	60.00	2	2	2	8	0	40	12		125.0	60.00	8	0	40	

Memphis, Tenn.	125.0	50.00	2	2	2	8	-0	-40	12		125.0	55.00	8	-4	-44	
Milwaukee, Wis.	137.5	55.00	1½	2	2	8	-0	-40	12		137.5	55.00	8	-0	-40	
Minneapolis, Minn.	137.5	60.50	1½	2	2	8	-4	-44	12		137.5	60.50	8	-4	-44	
Moline, Ill. (See Rock Island (Ill.) district)																
Muskegon, Mich.	150.0	60.00	2	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Nashville, Tenn.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Newark, N. J.	168.8	67.50	2	2	2	8	-0	-40	12		160.0	66.00	8	-4	-44	
New Haven, Conn.	150.0	66.00	2	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
New Orleans, La.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
New York, N. Y.	165.0	66.00	2	2	2	8	-0	-40	12	12	181.3	160.0	66.00	8	-4	-44
Norfolk (Va.) district	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Omaha, Nebr.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Peoria, Ill.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Philadelphia, Pa.	160.0	60.00	1½	2	2	8	-0	-40	12		160.0	66.00	8	-4	-44	
Pittsburgh, Pa.	156.3	68.75	1½	2	2	8	-4	-44	12		156.3	68.75	8	-4	-44	
Portland, Me.	140.0	61.60	2	2	2	8	-4	-44	12		139.1	61.20	8	-4	-44	
Portland, Oreg.	125.0	50.00	1½	2	2	8	-0	-40	12		125.0	50.00	8	-0	-40	
Providence, R. I.	140.0	61.60	2	2	2	8	-4	-44	12		140.0	61.60	8	-4	-44	
Richmond, Va.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Rochester, N. Y.	137.5	55.00	2	2	2	8	-0	-40	12		131.3	57.75	8	-4	-44	
Rock Island (Ill.) district	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
St. Louis, Mo.	160.0	66.00	2	2	2	8	-4	-44	12	15	160.0	66.00	8	-4	-44	
St. Paul, Minn.	137.5	60.50	1½	2	2	8	-4	-44	12		137.5	60.50	8	-4	-44	
San Francisco, Calif.	125.0	50.00	2	2	2	8	-0	-40	12	48	125.0	55.00	8	-4	-44	
Scranton, Pa.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Seattle, Wash.	125.0	50.00	1½	2	2	8	-0	-40	12		125.0	50.00	8	-0	-40	
Spokane, Wash.	125.0	50.00	1½	2	2	8	-0	-40	12		125.0	55.00	8	-4	-44	
Springfield, Mass.	162.5	71.50	2	2	2	8	-4	-44	12		162.5	71.50	8	-4	-44	
Toledo, Ohio.	150.0	66.00	1½	2	2	8	-4	-44	12		150.0	66.00	8	-4	-44	
Washington, D. C.	150.0	60.00	1½	2	2	8	-0	-40	12		150.0	66.00	8	-4	-44	
Wichita, Kans.	125.0	55.00	2	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	
Worcester, Mass.	150.0	66.00	2	2	2	8	-4	-44	12	57	162.5	150.0	66.00	8	-4	-44
Youngstown, Ohio.	125.0	55.00	1½	2	2	8	-4	-44	12		125.0	55.00	8	-4	-44	

TILE LAYERS' HELPERS

Boston, Mass.	95.0	41.80	1½	2	2	8	-4	-44	12		90.0	39.60	8	-4	-44
Buffalo, N. Y.	62.5	27.50	1½	2	2	8	-4	-44	12						
Chicago, Ill.	112.5	49.50	2	2	2	8	-4	-44	12						
Cleveland, Ohio	100.0	40.00	1½	2	2	8	-0	-40	12		100.0	44.00	8	-4	-44
Des Moines, Iowa	67.5	27.00	1½	2	2	8	-0	-40	12		67.5	29.70	8	-4	-44
Detroit, Mich.	80.0	35.20	2	2	2	8	-4	-44	12		80.0	35.20	8	-4	-44
Kansas City, Mo.	82.5	36.30	1½	2	2	8	-4	-44	12						
Los Angeles, Calif.	75.0	33.00	1½	2	2	8	-4	-44	12						
Milwaukee, Wis.	82.5	33.00	1½	2	2	8	-0	-40	12		82.5	33.00	8	-0	-40
Minneapolis, Minn.	75.0	33.00	1½	2	2	8	-4	-44	12						

* For Saturday afternoon, 1½.

* 44 hours per week September to April, inclusive.

* Work on Saturday prohibited.

* Work on Saturday afternoon prohibited.

* Reported erroneously as 112.5 and \$45.00 respectively, in 1920.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

BUILDING TRADES—Continued

TILE LAYERS' HELPERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
Newark, N. J.	125.0	50.00	2	2	2	8 -0 -40	12		112.5	49.50	8 -4 -44	
New York, N. Y.	125.0	50.00	2	2	2	8 -0 -40	12		112.5	49.50	8 -4 -44	
Philadelphia, Pa.	87.5	38.50	2	2	2	8 -4 -44	12		87.5	38.50	8 -4 -44	
Pittsburgh, Pa.	103.3	45.43	1½	2	2	8 -4 -44	12		103.3	45.43	8 -4 -44	
Portland, Oregon	80.0	32.00	1½	2	2	8 -0 -40	12		75.0	33.00	8 -4 -44	
Providence, R. I.	85.0	37.40	2	2	2	8 -4 -44	12		85.0	37.40	8 -4 -44	
St. Louis, Mo.	85.0	37.40	2	2	2	8 -4 -44	12		85.0	37.40	8 -4 -44	
St. Paul, Minn.	75.0	33.00	1½	2	2	8 -4 -44	12					
San Francisco, Calif.	75.0	30.00	2	2	2	8 -0 -40	12	48	Average 87.5	75.0	33.00	
Seattle, Wash.	70.0	28.00	1½	2	2	8 -0 -40	12			70.0	28.00	
Washington, D. C.	75.0	33.00	1½	2	2	8 -4 -44	12			62.5	27.50	

CHAUFFEURS AND TEAMSTERS AND DRIVERS

CHAUFFEURS

Boston, Mass.:												
Building material, over 3 tons	66.0	33.00	1½	2	(?)	8 9 -5 -50	6	20	Up to 70.0	66.0	33.00	8 9 -5 -50
Coal delivery	75.0	33.00	1½	2	(?)	8 8 -4 -44	6			75.0	33.00	8 8 -4 -44
Department-store delivery	64.6	31.00	1½	2	2	8 -8 -48				64.6	31.00	8 -8 -48
Newspaper route	79.0	44.25	90c.	2	2	8 -8 -56				79.0	44.25	8 -8 -56
Piano and furniture delivery	51.2	32.00	65c.	2	(?)	10½-10 -62½				51.2	32.00	10½-10 -62½

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930										May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week				
Chicago, Ill.—Continued.															
Coal—			Regular rate multiplied by—						Cents per hour	Cents	Dollars				
1½ tons—	Cents	Dollars													
Rate A.....	81.0	48.60	86c.	1½	1½	10	-10	-60		76.0	45.60	10	-10	-60	
Rate B.....	80.0	48.00	90c.	1½	1½	10	-10	-60							
Over 1½ to 2 tons—															
Rate A.....	83.5	50.10	89c.	1½	1½	10	-10	-60		78.5	47.10	10	-10	-60	
Rate B.....	82.5	49.50	93c.	1½	1½	10	-10	-60							
Over 2 tons—															
Rate A.....	86.0	51.60	91c.	1½	1½	10	-10	-60		81.0	48.60	10	-10	-60	
Rate B.....	85.0	51.00	95c.	1½	1½	10	-10	-60							
Commission merchants—															
1 ton and under.....	70.0	42.00	100c.	1½	1	10	-10	-60	3		70.0	42.00	10	-10	-60
2 tons.....	71.7	43.00	100c.	1½	1	10	-10	-60	3		71.7	43.00	10	-10	-60
3 tons.....	73.3	44.00	100c.	1½	1	10	-10	-60	3		73.3	44.00	10	-10	-60
5 tons and over.....	76.7	46.00	100c.	1½	1	10	-10	-60	3		76.7	46.00	10	-10	-60
Dye house and laundry—															
Retail.....	87 91.1	87 41.00		1½	1½	7½	-7½	-45		87 75.9	87 41.00	7½	-9	-54	
Wholesale.....	87 84.4	87 38.00		1½	1½	7½	-7½	-45		87 70.4	87 38.00	7½	-9	-54	
Excavating—															
Over 2 tons and tractor on buildings.....	88.9	48.00	1½	1½	1½	9	-9	-54		83.3	45.00	9	-9	-54	
5 and 10 ton tractors.....	105.6	57.00	1½	1½	1½	9	-9	-54		100.0	54.00	9	-9	-54	
Excavating and filling.....	83.3	45.00	1½	2	(*)	9	-9	-54		83.3	45.00	9	-9	-54	
Excavating and paving—															
2½ tons.....	77.8	42.00	1½	1½	1½	9	-9	-54		77.8	42.00	9	-9	-54	
Over 2½ tons.....	83.3	45.00	1½	1½	1½	9	-9	-54							

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
Chicago, Ill.—Continued.	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Laundry—	85.6	38.50	1½	1½	1½	7½-7½-45				69.4	37.50	74 9 - 9 -54
Linen supply—	100.0	45.00	1½	1½	1½	7½-7½-45				83.3	45.00	74 9 - 9 -54
Linen supply and cabinet service—	93.3	42.00	1½	1½	1½	7½-7½-45				77.8	42.00	74 9 - 9 -54
Towel supply—	88.9	40.00	1½	1½	1½	7½-7½-45				74.1	40.00	74 9 - 9 -54
Livery—	51.6	32.50	100c.			10½-10½-63		60	Average, 63.5	51.6	32.50	10½-10½-63
Lumber, box, and shavings—												
1½ tons to 2½ tons, rate A—	59.2	35.50	1½	1½	1½	10 -10 -60				59.2	35.50	10 -10 -60
Up to 2½ tons, rate B—	63.2	36.00	1½	1½	1½	9½-9½-67				63.2	36.00	9½-9½-67
2½ tons up to 4 tons—	60.8	36.50	1½	1½	1½	10 -10 -60				60.8	36.50	10 -10 -60
4 tons and over—	64.2	38.50	1½	1½	1½	10 -10 -60				64.2	38.50	10 -10 -60
Machinery—												
3 tons and under 5 tons—	71.9	41.00	1½	2	2	10 - 7 -57	12			71.9	41.00	10 - 7 -57
5 tons and under 7 tons—	76.3	43.50	1½	2	2	10 - 7 -57	12			76.3	43.50	10 - 7 -57
7 tons and over—	80.7	46.00	1½	2	2	10 - 7 -57	12			80.7	46.00	10 - 7 -57
Milk—												
Day—	90.0	54.00	1½	1	1	10 -10 -60				90.0	54.00	78 10 -10 -60
Night—	114.6	55.00	1½	1	1	8 - 8 -48				114.6	55.00	78 8 - 8 -48
Newspaper delivery—												
Day—	92.3	47.07	1½	1	1	8½-8½-51				92.3	47.07	8½-8½-51
Night—	102.2	46.00	1½	1	1	7½-7½-45				102.2	46.00	7½-7½-45
Packing houses—												
1 ton and under—	60.0	36.00	1½	2	2	10 -10 -60				60.0	36.00	10 -10 -60
Over 1 ton and under 3 tons—	65.0	39.00	1½	2	2	10 -10 -60				65.0	39.00	10 -10 -60
3 tons to 5 tons—												
Rate A—	70.0	42.00	1½	2	2	10 -10 -60				70.0	42.00	10 -10 -60
Rate B—	70.0	42.00	1½	2	(*)	10 -10 -60				70.0	42.00	10 -10 -60

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Cincinnati, Ohio—Continued.	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Livery.....	50.0	30.00	1	1	1	10 -10 -60				46.7	28.00	10 -10 -60
Oil-tank trucks.....	69.4	37.50	1½	2	2	9 -9 -54				69.4	37.50	9 -9 -54
Pie and cake delivery.....	67 64.3	67 36.00			(²)	9 -9 -56				67 64.3	67 36.00	9 -9 -56
Soft drinks and mineral water.....	49.1	26.50	1½		1½	9 -9 -54				49.1	26.50	9 -9 -54
Taxi drivers.....	39.1	26.00	50c.			9½ -9½ -66½						
Helpers—												
Furniture—												
Rate A.....	65.4	35.00	1½	Pro.	1½	9½ -6 -53½	12			65.4	35.00	9½ -6 -53½
Rate B.....	51.9	28.00	1½	2	2	9 -9 -54				51.9	28.00	9 -9 -54
General—												
Under 3 tons.....	56.9	31.00	1½	2	2	9½ -7 -54½	12			55.2	29.00	9½ -7 -54½
3 tons and over.....	58.7	32.00	1½	2	2	9½ -7 -54½	12			55.0	30.00	9½ -7 -54½
Piano.....	69.2	37.00	1	Pro.	1½	9½ -6 -53½	12			69.2	37.00	9½ -6 -53½
Cleveland, Ohio:												
Excavation.....	94.4	51.00	1½	2	2	9 -9 -54				94.4	51.00	9 -9 -54
Furniture vans.....	77.8	42.00	1½	2	2	9 -9 -54				77.8	42.00	9 -9 -54
General—												
1 ton or less.....	63.0	34.00	1½	2	2	9 -9 -54				63.0	34.00	9 -9 -54
Over 1 ton and under 3 tons.....	64.8	35.00	1½	2	2	9 -9 -54				64.8	35.00	9 -9 -54
3 tons and over.....	70.4	38.00	1½	2	2	9 -9 -54				70.4	38.00	9 -9 -54
Groceries—												
1 ton or less.....	55.6	30.00	1½	2	2	9 -9 -54				52.6	30.00	9½ -9½ -57
Over 1 ton.....	66.7	36.00	1½	2	2	9 -9 -54				63.2	36.00	9½ -9½ -57
Ios—												
Experienced drivers, 3 tons or over.....	70.4	38.00	1	1½	1½	9 -9 -54				70.4	38.00	9 -9 -54
Inexperienced drivers, under 3 tons.....	64.8	35.00	1	1½	1½	9 -9 -54				64.8	35.00	9 -9 -54
Route foremen.....	81.5	44.00	1	1½	1½	9 -9 -54				81.5	44.00	9 -9 -54

Piano movers and helpers.....	81.5	44.00	1½	2	2	9 - 9 -54			81.5	44.00	9 - 9 -54
Helpers—											
Furniture.....	70.4	38.00	1½	2	2	9 - 9 -54			70.4	38.00	9 - 9 -54
General.....	63.0	34.00	1½	2	2	9 - 9 -54			63.0	34.00	9 - 9 -54
Grocery.....	51.9	28.00	1½	2	2	9 - 9 -54			49.1	28.00	9½ - 9½ -57
Denver, Colo.:.....											
Bakery salesmen.....	52.1	25.00	1	Pro.	Pro.	8 - 8 -48					
Coal—											
2 tons and under.....	52.8	28.50	1	Pro.	Pro.	9 - 9 -54					
3 tons.....	55.6	30.00	1	Pro.	Pro.	9 - 9 -54					
4 tons and over.....	61.1	33.00	1	Pro.	Pro.	9 - 9 -54					
Truck.....	51.9	28.00	1½	1½	1½	9 - 9 -54					
Helpers.....	50.0	27.00	1½	1½	1½	9 - 9 -54					
Des Moines, Iowa:.....											
General.....	71.3	28.50	1½	2	2	8 - 0 -40	12		71.3	31.35	8 - 4 -44
Tractors.....	90.0	36.00	1½	2	2	8 - 0 -40	12		90.0	35.20	8 - 4 -44
Helpers.....	67.5	27.00	1½	2	2	8 - 0 -40	12		67.5	29.70	8 - 4 -44
Kansas City, Mo.:.....											
Bakery—											
Wholesale—Bread, cake, and pies.....	67.68.8	67.33.00				8 - 8 -48			67.68.8	67.33.00	8 - 8 -48
Retail—Bread and cake.....	67.72.9	67.35.00	1	Pro.	1	8 - 8 -48			67.68.8	67.33.00	8 - 8 -48
Bottle drivers—											
Wholesale.....	65.6	31.50	1½	2	1½	8 - 8 -48					
Retail.....	67.46.9	67.22.50	1½	2	1½	8 - 8 -48					
Los Angeles, Calif.:.....											
Brewery—											
Bottle beer drivers and helpers.....	81.8	36.00	1½	1½	1½	8 - 4 -44	12		81.8	36.00	8 - 4 -44
Delivery and shipping.....	84.1	37.00	1½	1½	1½	8 - 4 -44	12		84.1	37.00	8 - 4 -44
Newspapers.....	87.5	42.00	1½	1½	1½	8 - 8 -48			87.5	42.00	8 - 8 -48
Small trucks, under 3,000 pounds.....	68.8	33.00	1½	1½	1½	8 - 8 -48			68.8	33.00	8 - 8 -48
Large trucks, over 3,000 pounds.....	75.0	36.00	1½	1½	1½	8 - 8 -48			75.0	36.00	8 - 8 -48
Louisville, Ky.: Bread drivers and salesmen.....	67.31.3	67.15.00	1½	1	1	8 - 8 -48					
Milwaukee, Wis.:.....											
Less than 1-ton trucks—											
Rate A.....	70.0	33.60	1½	1	1	8 - 8 -48			65.0	31.20	8 - 8 -48
Rate B.....	57.4	31.00	1½	1	1	9 - 9 -54			57.4	31.00	9 - 9 -54
1 and less than 2 ton trucks.....	75.0	36.00	1½	1	1	8 - 8 -48			70.0	33.60	8 - 8 -48
2 and less than 3 ton trucks—											
Rate A.....	80.0	38.40	1½	1	1	8 - 8 -48			75.0	36.00	8 - 8 -48
Rate B.....	64.8	35.00	1½	1	1	9 - 9 -54			64.8	35.00	9 - 9 -54
3 and less than 5 ton trucks—											
Rate A.....	90.0	43.20	1½	1	1	8 - 8 -48			85.0	40.80	8 - 8 -48
Rate B.....	68.5	37.00	1½	1	1	9 - 9 -54			68.5	37.00	9 - 9 -54
5 and less than 7 ton trucks.....	95.0	45.00	1½	1	1	8 - 8 -48			90.0	43.20	8 - 8 -48
7 and less than 10 ton trucks.....	97.5	46.80	1½	1	1	8 - 8 -48			92.5	44.40	8 - 8 -48
10 tons and over, single trucks—											
Rate A.....	100.0	48.00	1½	1	1	8 - 8 -48			95.0	45.60	8 - 8 -48
Rate B.....	100.0	44.00	1½	1	1	8 - 4 -44			100.0	44.00	8 - 4 -44
10 tons and over, with one or more trailers.....	105.0	50.40	1½	1	1	8 - 8 -48			100.0	48.00	8 - 8 -48
1 and less than 3 ton electric trucks.....	63.0	34.00	1½	1	1	9 - 9 -54			63.0	34.00	9 - 9 -54
5 tons and over, electric trucks.....	86.4	38.00	1½	1	1	8 - 4 -44			86.4	38.00	8 - 4 -44

¹ Holidays off with pay.⁶⁷ And commission.⁷⁹ Hours irregular; but total 56 per week.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued
CHAUFFEURS—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Milwaukee, Wis.—Continued	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Helpers—												
Rate A.....	70.0	33.60	1½	1	1	8 - 8 - 48				65.0	31.20	8 - 8 - 48
Rate B.....	57.4	31.00	1½	1	1	9 - 9 - 54				57.4	31.00	9 - 9 - 54
Minneapolis, Minn.:												
Coal.....	55.6	30.00	1	1	1	9 - 9 - 54				57.3	27.50	8 - 8 - 48
Commercial.....	44.4	24.00	1½	1½	1½	9 - 9 - 54		25	50.9			
Ice.....	61.1	33.00	1½	70c.	1½	9 - 9 - 54				58.8	31.50	9 - 9 - 54
Ice cream.....	67 62.5	30.00				8 - 8 - 48						
Milk—												
Depot drivers.....	78.1	37.50				8 - 8 - 48				79.2	38.00	8 8 - 8 - 48
Special delivery.....	72.9	35.00				8 - 8 - 48				72.9	35.00	8 8 - 8 - 48
Paper drivers.....	62.5	30.00	1½	1½	1½	8 - 8 - 48						
Newark, N. J.:												
Beef—												
2 tons.....	75.9	41.00	1½	1½	1½	9 - 9 - 54						
3 to 3½ tons.....	83.3	45.00	1½	1½	1½	9 - 9 - 54						
5 tons and over.....	87.0	47.00	1½	1½	1½	9 - 9 - 54						
Building material—												
1½ tons.....	76.0	38.00	2	2	2	9 - 5 - 50	12					
General—												
2 tons to 4 tons.....	80.0	40.00	2	2	2	9 - 5 - 50	12			75.9	41.00	9 - 9 - 54
5 to 7 tons.....	84.0	42.00	2	2	2	9 - 5 - 50	12			79.6	43.00	9 - 9 - 54
5 tons flat.....	90.7	49.00	1½	1½	1½	9 - 9 - 54				90.7	49.00	9 - 9 - 54
Dump—												
2 tons.....	72.2	39.00	1½	1½	1½	9 - 9 - 54						
3 to 3½ tons.....	75.9	41.00	1½	1½	1½	9 - 9 - 54				75.9	41.00	9 - 9 - 54
5 tons.....	81.5	44.00	1½	1½	1½	9 - 9 - 54				81.5	44.00	9 - 9 - 54

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TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
New York, N. Y.—Continued.	113.6	50.00	100c.	200c.	200c.	8 - 4 - 44	12		119.0	50.00	7 - 7 - 42	
Poultry, East Side Market.....												
Produce—												
3 tons and less.....	100.0	48.00	100c.	2	2	8 - 8 - 48			79.6	43.00	9 - 9 - 54	
5 tons.....	106.3	51.00	100c.	2	2	8 - 8 - 48			85.2	46.00	9 - 9 - 54	
7½ tons.....	111.5	53.50	100c.	2	2	8 - 8 - 48			89.8	48.50	9 - 9 - 54	
Theatrical.....	125.0	60.00	2	2	2	8 - 8 - 48			125.0	60.00	8 - 8 - 48	
Helpers—												
Brewery, rate A.....	77.1	37.00	1½	2	2	8 - 8 - 48			77.1	37.00	8 - 8 - 48	
Brewery, rate B.....	75.0	36.00	2	2	1	8 - 8 - 48						
Brewery, rate C.....	70.8	34.00	1½	2	1	8 - 8 - 48						
Cloth sponging.....	42.8	20.00	2	2	(?)	8½ - 4½ - 46½						
Express.....	65.5	31.45	1½	1½	(?)	8 - 8 - 48			65.8	31.60	8 - 8 - 48	
Flour.....	100.0	48.00	1½	Pro.	(?)	8 - 8 - 48	3		94.1	48.00	8½ - 8½ - 51	
General.....	83.3	40.00	1½	2	2	8 - 8 - 48			74.1	40.00	9 - 9 - 54	
Lumber or front brick.....	77.8	35.00	1½	2	2	9 - 0 - 45	12		77.8	42.00	9 - 9 - 54	
Poultry.....	113.6	50.00	100c.	200c.	200c.	8 - 4 - 44	12					
Theatrical.....	112.5	54.00	2	2	2	8 - 8 - 48			112.5	54.00	8 - 8 - 48	
Vans.....	72.4	35.50	2	2	(?)	8½ - 6½ - 49	11		68.9	35.50	8½ - 6½ - 51½	
Peoria, Ill.:												
Ice delivery.....	50.0	30.00	75c.	100c.	(w)	10 - 10 - 60			50.0	30.00	10 - 10 - 60	
Helpers.....	46.7	28.00	75c.	100c.	(w)	10 - 10 - 60						
Philadelphia, Pa.:												
Building materials—Two tons and over.....	62.0	31.00	1	2	2	9 - 5 - 50	12					
Coal—												
2 tons.....	62.9	33.00	1½	2	2½	9½ - 5 - 52½	12		54.1	30.00	10 - 5½ - 55½	
3 tons and over.....	66.7	35.00	1½	2	2½	9½ - 5 - 52½	12		57.7	32.00	10 - 5½ - 55½	

Express "A".....	74.7	35.85	1 $\frac{1}{2}$	2	2	8 - 8 -48							
Helpers.....	61.9	29.71	1 $\frac{1}{2}$	2	2	8 - 8 -48							
Piano movers.....	74.1	40.00	1 $\frac{1}{2}$	2	2	9 - 9 -54	3			74.1	40.00	9 - 9 -54	
Helpers.....	68.5	37.00	1 $\frac{1}{2}$	2	2	9 - 9 -54	3			68.5	37.00	9 - 9 -54	
Road—													
Four-wheel trucks.....	66.7	40.00	100c.	2	2	10 -10 -60							
Six-wheel trucks.....	75.0	45.00	100c.	2	2	10 -10 -60							
Pittsburgh, Pa.:—													
Delivery men, cleaners and dyers.....	59.4	30.00	1	1	1	9 - 5 $\frac{1}{2}$ -50 $\frac{1}{2}$	12						
General.....	51.7	31.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	10 -10 -60							
Milk.....	27.5	25.00	1	1	1	13 -13 -91							
Newspaper.....	54.0	30.24	1	1	1	8 - 8 -56							
Taxi.....	57.5	22.50	1	1	1	10 -10 -60							
Portland, Me.:—													
Coal—													
2 tons or less.....	54.0	27.00	1 $\frac{1}{2}$	2	2	9 - 5 -50	12			54.0	27.00	9 - 5 -50	
Over 2 tons.....	58.0	29.00	1 $\frac{1}{2}$	2	2	9 - 5 -50	12			58.0	29.00	9 - 5 -50	
Portland, Oreg.:—													
Bakery—													
City delivery.....	61.2	30.00	1	1	1	8 - 9 -49				61.2	30.00	8 - 9 -49	
Country delivery.....	67.3	33.00	1	1	1	8 - 9 -49				67.3	33.00	8 - 9 -49	
Delivery—													
1,500 to 2,000 pounds.....	59.4	28.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 -48					27.00	8 - 8 -48	
3,000 to 5,000 pounds.....	62.5	30.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 -48					28.50	8 - 8 -48	
Over 5,000 pounds.....	65.6	31.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 -48					30.00	8 - 8 -48	
Taxi.....	30.0	18.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1	10 -10 -60				30.0	18.00	10 -10 -60	
Helpers.....	62.5	30.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 -48				56.3	27.00	8 - 8 -48	
Providence, R. I.:—													
Chauffeurs.....	55.6	30.00	1	2	2	9 - 9 -54	2						
Helpers.....	50.0	27.00	1	2	2	9 - 9 -54	2						
St. Louis, Mo.:—													
Bakery, bread and cake.....	64.2	38.50	1	Pro.	(?)	10 -10 -60				64.2	38.50	10 -10 -60	
Special delivery.....	58.3	35.00	1	(?)	(?)	10 -10 -60							
Cracker delivery.....	64.8	35.00	1	Pro.	(?)	9 - 9 -54				61.4	35.00	9 $\frac{1}{2}$ - 9 $\frac{1}{2}$ -57	
Pie salesmen.....	68.8	33.00	1	Pro.	(?)	8 - 8 -48				68.8	33.00	8 - 8 -48	
Route superintendent.....	109.4	52.50	1	Pro.	(?)	8 - 8 -48				109.4	52.50	8 - 8 -48	
Pie wagons, special delivery.....	72.9	35.00	1	Pro.	(?)	8 - 8 -48				72.9	35.00	8 - 8 -48	
Beer trucks.....	67.7	32.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	8 - 8 -48				64.6	31.00	8 - 8 -48	
Coal—													
Under 5 tons.....	55.8	33.50	1	1	1 $\frac{1}{2}$	10 -10 -60				55.8	33.50	10 -10 -60	
5 tons and over.....	60.0	36.00	1	1	1 $\frac{1}{2}$	10 -10 -60				60.0	36.00	10 -10 -60	
Department stores—													
1 ton or over.....	59.3	32.00	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	9 - 9 -54							
Relay trucks.....	61.1	33.00	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	9 - 9 -54							
Less than 1 ton.....	57.4	31.00	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	9 - 9 -54							

¹ Holidays off with pay.

² For Saturday afternoon, 1 $\frac{1}{2}$.

³ And commission.

⁴ Average hours.

⁵ 40 hours and same pay per week, June to August, inclusive.

⁶ 46 $\frac{1}{2}$ hours and same pay per week, June to August, inclusive.

⁷ 46 $\frac{1}{2}$ hours and same pay per week, July and August.

⁸ 49 $\frac{1}{2}$ hours and same pay per week, July and August.

⁹ Full day's pay for 5 hours.

¹⁰ 45 hours and same pay per week, July to September, inclusive.

¹¹ 50 hours and same pay per week, June to August, inclusive.

¹² 45 hours and same pay per week, July and August.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
St. Louis, Mo.—Continued.	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
Express.....	68.5	32.89	1½	1½	1½	8 - 8 - 48			68.5	32.89	8 - 8 - 48	
Funeral.....	63.1	35.00	1½	Pro.	1	9¼ - 9¼ - 55¼			63.1	35.00	9¼ - 9¼ - 55¼	
Furniture, retail stores.....	64.8	35.00	1½	2	2	9 - 9 - 54			61.4	35.00	9¼ - 9¼ - 57	
Furniture movers.....	75.0	38.25	1½	2	2	9 - 6 - 51	12		75.0	38.25	9 - 6 - 51	
General transfer—												
Under 2 tons.....	49.1	28.00	1½	2	2	9¼ - 9¼ - 57			49.1	28.00	9¼ - 9¼ - 57	
2 tons and under 5 tons.....	61.4	35.00	1½	2	2	9¼ - 9¼ - 57			61.4	35.00	9¼ - 9¼ - 57	
5 tons and under 7½ tons.....	68.8	39.20	1½	2	2	9¼ - 9¼ - 57			68.8	39.20	9¼ - 9¼ - 57	
7½ tons and over.....	73.7	42.00	1½	2	2	9¼ - 9¼ - 57			73.7	42.00	9¼ - 9¼ - 57	
Grocery—												
1 ton.....	63.9	34.50	1	2	2	9 - 9 - 54			63.9	34.50	9 - 9 - 54	
2 tons.....	66.7	36.00	1	2	2	9 - 9 - 54			66.7	36.00	9 - 9 - 54	
2¼-ton tractor.....	68.5	37.00	1	2	2	9 - 9 - 54			68.5	37.00	9 - 9 - 54	
7½-ton tractor.....	72.2	39.00	1	2	2	9 - 9 - 54			72.2	39.00	9 - 9 - 54	
Ice.....	60.0	36.00	1	1	1½	10 - 10 - 60			60.0	36.00	10 - 10 - 60	
Ice cream or milk—												
Retail.....	67 63.3	67 38.00	1	2	1	68 10 - 10 - 60			67 63.3	67 38.00	68 10 - 10 - 60	
Route foremen.....	83.3	50.00	1	2	1	68 10 - 10 - 60			83.3	50.00	68 10 - 10 - 60	
Route riders.....	73.3	44.00	1	2	1	68 10 - 10 - 60			73.3	44.00	68 10 - 10 - 60	
Special Delivery.....	53.3	32.00	1	2	1	68 10 - 10 - 60			53.3	32.00	68 10 - 10 - 60	
Milk—												
Station drivers, large motors.....	65.0	39.00	1	2	1	10 - 10 - 60			65.0	39.00	10 - 10 - 60	
Station drivers, small motors.....	60.0	36.00	1	2	1	10 - 10 - 60			60.0	36.00	10 - 10 - 60	
Store routes and mixed routes.....	67 65.0	67 39.00	1	2	1	68 10 - 10 - 60			67 65.0	67 39.00	68 10 - 10 - 60	
Tractor drivers.....	65.8	39.50	1	2	1	10 - 10 - 60			65.8	39.50	10 - 10 - 60	
Wholesale (hospitals, etc.).....	78.3	47.00	1	2	1	68 10 - 10 - 60			78.3	47.00	68 10 - 10 - 60	

[illegible]

• **Holidays off with pay**

⁶⁷ And commission.

• Average hours.

⁹⁴ 54 hours and same pay per week September to December, inclusive.

*** 1 day off in 8 days.**

* 55.6 per hour and \$30.00 per week, respectively, October to March, inclusive.

*7 Includes vacation allowance.

⁹⁸ Per day.

⁹⁹ Friday, 8 hours.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued
CHAUFFEURS—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
San Francisco, Calif.—Continued	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
General—												
Under 1¼ tons.....	67.7	33.00	100c.	1½	1½	8½-8-48¾	12			67.7	33.00	8½-8-48¾
1¼ and under 2¼ tons.....	73.8	36.00	110c.	1½	1½	8½-8-48¾	12			73.8	36.00	8½-8-48¾
2¼ and under 3¼ tons.....	80.0	39.00	115c.	1½	1½	8½-8-48¾	12			80.0	39.00	8½-8-48¾
3¼ and under 7¼ tons.....	86.2	42.00	125c.	1½	1½	8½-8-48¾	12			86.2	42.00	8½-8-48¾
7¼ to 10¼ tons.....	92.3	45.00	135c.	1½	1½	8½-8-48¾	12			92.3	45.00	8½-8-48¾
Over 10¼ tons.....	98.5	48.00	150c.	1½	1½	8½-8-48¾	12			98.5	48.00	8½-8-48¾
Ice—												
Retail.....	81.3	39.00	100c.	1½	1½	8-8-48				81.3	39.00	8-8-48
Wholesale.....	87.5	42.00	100c.	1½	1½	8-8-48				87.5	42.00	8-8-48
Ice cream—												
Retail delivery.....	75.0	36.00	100c.	1½	1½	8-8-48				75.0	36.00	8-8-48
1 ton.....	73.8	36.00	100c.	1½	1½	8½-8-48¾	12			73.8	36.00	8½-8-48¾
2 tons.....	80.0	39.00	110c.	1½	1½	8½-8-48¾	12			80.0	39.00	8½-8-48¾
3 tons.....	86.2	42.00	125c.	1½	1½	8½-8-48¾	12			86.2	42.00	8½-8-48¾
Laundry—												
Family routes.....	52.6	30.00	1	1	(?)	9½-9½-57				50.0	30.00	8½-8-50
Hotels and restaurants.....	57.9	33.00	1	1	(?)	9½-9½-57				65.0	32.50	8½-8-50
Milk—												
Delivery.....	86.4	42.12	1½	1½	1	48-8-48¾				86.4	42.12	48-8-48¾
Relief.....	92.3	45.00	1½	1½	1	48-8-48¾				92.3	45.00	48-8-48¾
Piano movers—												
Top and bottom men.....	87.5	42.00	125c.	1½	1½	8-8-48				84.0	42.00	8½-8-50
Keyboard men.....	81.3	39.00	110c.	1½	1½	8-8-48				78.0	39.00	8½-8-50
Retail delivery (motorcycle).....	62.5	30.00	150c.	2	2	8-8-48		25	75.0	62.5	30.00	8-8-48
Taxicabs—												
Limousine.....	61.1	33.00	82.5c.	1	1	9-9-54				55.6	30.00	9-9-54
Meter.....	44.4	24.00	60c.	1	1	9-9-54				44.4	24.00	9-9-54

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

CHAUFFEURS—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Spokane, Wash.—Continued.	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Groceries and meats, retail and light parcels.....	53.1	25.50	1½	1½	1½	8 - 8 - 48				53.1	25.50	8 - 8 - 48
Milk, retail.....	1 40.4	1 23.27	1	1	1	10 -10 -70						
Milk, wholesale.....	1 49.5	1 34.62	1	1	1	10 -10 -70						
Piano.....	68.8	33.00	1½	1½	1½	8 - 8 - 48				68.8	33.00	8 - 8 - 48
Taxicabs.....	1 35.0	1 21.00	1	1	1	10 -10 -60				1 35.0	1 21.00	10 -10 -60
Helpers.....												
General.....	50.0	24.00	1½	1½	1½	8 - 8 - 48				50.0	24.00	8 - 8 - 48
Piano.....	62.5	30.00	1½	1½	1½	8 - 8 - 48				62.5	30.00	8 - 8 - 48
Springfield, Mass.:												
Coal—												
1-ton trucks.....	58.0	29.00	1½	2	(?)	9 9 - 5 - 50						
2 to 3 tons.....	68.0	33.00	1½	2	(?)	9 9 - 5 - 50	6					
Over 3 tons.....	70.0	35.00	1½	2	(?)	9 9 - 5 - 50	6					
Helpers.....	58.0	29.00	1½	2	(?)	9 9 - 5 - 50	6			58.0	29.00	9 9 - 5 - 50
Toledo, Ohio:												
Furniture.....	53.3	32.00	1½	2	2	10 -10 -60				53.3	32.00	10 -10 -60
Trucks—												
1 ton and under.....	50.0	30.00	1½	2	2	10 -10 -60				50.0	30.00	10 -10 -60
1½ tons and under 3½ tons.....	53.3	32.00	1½	2	2	10 -10 -60				53.3	32.00	10 -10 -60
3½ tons to 5 tons.....	58.3	35.00	1½	2	2	10 -10 -60				58.3	35.00	10 -10 -60
Helpers, furniture.....	47.5	28.50	1½	2	2	10 -10 -60				47.5	28.50	10 -10 -60
Washington, D. C.:												
Bakery—												
Retail.....	1 67.9	1 38.00	1	1	(?)	9 9 -11 -56	9 3			1 67.9	1 38.00	9 9 -11 -56
Route agents.....	1 76.8	1 43.00	1	10 9000.	(?)	9 9 -11 -56	9 3			1 76.8	1 43.00	9 9 -11 -56
Wholesale.....	1 67.9	1 38.00	1	1	(?)	9 9 -11 -56	9 3			1 67.9	1 38.00	9 9 -11 -56

Ice cream delivery	70.0	42.00	1½	2	2	10	-10	-60				70.0	42.00	10	-10	-60	
Helpers	60.0	36.00	1½	2	2	10	-10	-60				60.0	36.00	10	-10	-60	
Milk—																	
Wholesale and retail	146.4	132.50	1	1	(9)	11	10	-10	-70	3		142.9	130.00	11	10	-10	-70
Route agents	150.0	135.00	1	1	(9)	11	10	-10	-70	3		150.0	135.00	11	10	-10	-70
Special delivery	135.7	125.00	1	1	(9)	11	10	-10	-70	3		135.7	125.00	11	10	-10	-70

TEAMSTERS AND DRIVERS

Boston, Mass.:																	
Coal—																	
1 horse	63.6	28.00	1 1/2	2	(9)	13	8	-4	-44	6		63.6	28.00	13	8	-4	-44
2 horses	67.0	29.50	1 1/2	2	(9)	13	8	-4	-44	6		67.0	29.50	13	8	-4	-44
Express, 2 horses	76.1	36.53	1 1/2	2	2	8	-8	-48									
General—																	
1 horse, light	55.2	29.00	1 1/4 c.	2	(9)	14	9	-7 1/2	-52 1/2	3		55.2	29.00	14	9	-7 1/2	-52 1/2
1 horse	57.1	30.00	1 1/4 c.	2	(9)	14	9	-7 1/2	-52 1/2	3		57.1	30.00	14	9	-7 1/2	-52 1/2
2 horses	61.0	32.00	1 1/4 c.	2	(9)	14	9	-7 1/2	-52 1/2	3		61.0	32.00	14	9	-7 1/2	-52 1/2
Milk-route foremen	79.6	43.00	1	1	1	9	-9	-54				79.6	43.00	9	-9	-54	
Newspapers—																	
Relay depot, 1 horse	75.8	42.45	90c.	2	2	8	-8	-56				75.8	42.45	8	-8	-56	
Routes, 1 horse	79.0	44.25	90c.	2	2	8	-8	-56				79.0	44.25	8	-8	-56	
Helpers, general	57.1	30.00	1 1/4 c.	2	(9)	14	9	-7 1/2	-52 1/2	3		57.1	30.00	14	9	-7 1/2	-52 1/2
Butte, Mont:																	
Delivery, meats	61.1	33.00	100c.	100c.	(9)	9	-9	-54									
1 and 2 horses	78.1	37.50	1 1/2	1	1 1/2	8	-8	-48				75.0	36.00	8	-8	-48	
General (boys)	59.4	28.50	1 1/2	1	1 1/2	8	-8	-48									
Milk wagon	78.1	43.75	1 1/2	1	1	8	-8	-56									
Chicago Ill:																	
Bakery	104.3	50.00				13	8	-8	-48	67	Average, 125.0	104.3	50.00	13	8	-8	-48
Special delivery	83.3	40.00				13	8	-8	-48			83.3	40.00	13	8	-8	-48
Building material—																	
2 horses	70.0	42.00	80c.	1 1/2	1 1/2	10	-10	-60				70.0	42.00	10	-10	-60	
Roofing	83.5	48.00	125c.	2	2	10	-7 1/2	-57 1/2	12			80.0	48.00	10 1/2	-7 1/2	-60	
Coal—																	
1 horse	75.0	45.00	85c.	1 1/2	1 1/2	10	-10	-60				71.0	42.60	10	-10	-60	
Double team	71.8	43.10	81.8c.	1 1/2	1 1/2	10	-10	-60				71.8	43.10	10	-10	-60	
2 horses	80.0	48.00	90c.	1 1/2	1 1/2	10	-10	-60				76.0	45.60	10	-10	-60	
3 horses	85.0	51.00	95c.	1 1/2	1 1/2	10	-10	-60									
Coal and building material	67.5	40.50	77.5c.	1 1/2	1 1/2	10	-10	-60				67.5	40.50	10	-10	-60	

- ¹ And commission.
- ² Holidays off with pay.
- ³ Average hours.
- ⁴ Full day's pay for half day's work.
- ⁵ 54 hours and same pay per week November to April, inclusive.
- ⁶ Half holiday on Wednesday June to August, inclusive.

- ¹⁰ Per day.
- ¹¹ Average hours; 1 day off each month and 1 week off each year with pay.
- ¹² 48 hours and same pay per week October to March, inclusive.
- ¹³ Per minute.
- ¹⁴ 50 1/2 hours and same pay per week June to August, inclusive.
- ¹⁵ Average hours; 2 weeks off with pay after 1 year's service.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

TEAMSTERS AND DRIVERS—Continued

City	May 15, 1930								May 15, 1929					
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week		
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week			
Chicago, Ill.—Continued.			Regular rate multiplied by—											
Commission merchants—	Cents	Dollars						Cents per hour	Cents	Dollars				
Single wagons.....	63.3	38.00	100c.	1½	1	10	10	3	63.3	38.00	10	10		
Double wagons.....	68.3	41.00	100c.	1½	1	10	10	3	70.0	42.00	10	10		
Commissary.....	65.8	37.50	1½	100c.	1	9½	9½	57						
Excavating, etc.—														
1 horse.....	77.8	42.00	1½	1½	1½	9	9	54		72.2	39.00	9	9	
2 horses.....														
Rate A.....	72.2	39.00	1½	2	(7)	9	9	54		72.2	39.00	9	9	
Rate B.....	77.8	42.00	1½	2	(7)	9	9	54		77.8	42.00	9	9	
3 horses.....	83.3	45.00	1½	1½	1½	9	9	54		77.8	42.00	9	9	
Furniture—														
Department stores.....	63.0	34.00	1½	2	(7)	9	9	54						
2 horses.....	70.4	38.00	1½	2	(7)	9	9	54		70.4	38.00	9	9	
Mover.....	75.9	41.00	1½	1½	1½	9	9	54		74.1	40.00	9	9	
General—														
1 horse.....	51.7	31.00	18 1¼c.	1½	1½	10	10	60	33	Average, 60.0.	51.7	31.00	10	10
2 horses, light wagons.....	55.0	33.00	18 1¼c.	1½	1½	10	10	60	14	Average, 65.0.	55.0	33.00	10	10
2 horses, double wagons.....	56.7	34.00	18 1¼c.	1½	1½	10	10	60	23	Average, 66.7.	56.7	34.00	10	10
3 horses.....	60.0	36.00	18 1¼c.	1½	1½	10	10	60	22	Average, 70.0.	60.0	36.00	10	10
Grocery and meat markets.....	37.0	20.00	75c.			9	9	54		37.0	20.00	9	9	
Ice cream.....	18 38.9	18 21.00				9	9	54	100	Average, 57.4.	18 33.3	18 18.00	9	9
Ice trucks.....	71.7	43.00	1½	100c.	2	10	10	60		70.0	42.00	10	10	
Laundry.....	185.6	138.50				7½	7½	45		169.4	137.50	9	9	
Wholesale.....	184.4	138.00				7½	7½	45						
Retail.....	191.1	141.00				7½	7½	45						
Towel Supply.....	100.0	45.00				7½	7½	45		177.8	142.00	9	9	

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

TEAMSTERS AND DRIVERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars	
New Orleans, La.: Cotton and tobacco.....	53.3	28.80	70c.	2	2	9 - 9 - 54				53.3	28.80	9 - 9 - 54
New York, N. Y.:												
Brewery wagons.....	75.0	36.00	1½	2	2	8 - 8 - 48				75.0	36.00	8 - 8 - 48
Building material—												
1-horse trucks.....	81.3	39.00	1½	2	2	8 - 8 - 48				72.2	39.00	9 - 9 - 54
2-horse trucks.....	85.4	41.00	1½	2	2	8 - 8 - 48				75.9	41.00	9 - 9 - 54
Coal—												
2 horses, 4 or 5 ton patent wagon.....	84.0	42.00	2	2	(²)	9 - 5 - 50	6			84.0	42.00	9 - 5 - 50
3 horses.....	86.0	43.00	2	2	(²)	9 - 5 - 50	6			86.0	43.00	9 - 5 - 50
Cloth sponging.....	96.3	45.00	2	2	1 2	8½ - 4¼ - 46¾	12			96.3	45.00	8½ - 4¼ - 46¾
Commercial—												
Single trucks.....	81.3	39.00	1½	2	2	8 - 8 - 48				72.2	39.00	9 - 9 - 54
Double trucks.....	85.4	41.00	1½	2	2	8 - 8 - 48				75.9	41.00	9 - 9 - 54
3-horse trucks.....	89.6	43.00	1½	2	2	8 - 8 - 48				79.6	43.00	9 - 9 - 54
Delivery—												
Small, 1-horse.....	79.2	38.00	1½	2	2	8 - 8 - 48				70.4	38.00	9 - 9 - 54
2 horses.....	83.3	40.00	1½	2	2	8 - 8 - 48				74.1	40.00	9 - 9 - 54
Produce—												
1 horse.....	93.8	45.00	100c.	2	2	8 - 8 - 48				74.1	40.00	9 - 9 - 54
2 horses.....	97.9	47.00	100c.	2	2	8 - 8 - 48				77.8	42.00	9 - 9 - 54
Helpers, cloth sponging.....	42.8	20.00	2	2	1 2	8½ - 4¼ - 46¾	12			42.8	20.00	8½ - 4¼ - 46¾
Commercial.....	48.3	29.00	97c.	97c.	107c.	10 - 10 - 60						
Peoria, Ill.:												
Ice.....	50.0	30.00	75c.	100c.	(⁶)	10 - 10 - 60				50.0	30.00	10 - 10 - 60
Drivers' helpers, ice.....	46.7	28.00	75c.	100c.	(⁶)	10 - 10 - 60				46.7	28.00	10 - 10 - 60

Philadelphia, Pa.:											
Coal, 2 tons	57.1	30.00	1½	2	¾ 2	9½ - 5 - 52½	12		50.5	28.00	10 - 5½ - 55½
General, 1-horse	45.0	25.00	1½	2	¾ 2	10 - 5½ - 55½	12		45.0	25.00	10 - 5½ - 55½
Lumber, 2-horse	49.1	27.00	1½	2	¾ 2	10 - 5 - 55	12		49.1	27.00	10 - 5 - 55
Pittsburgh, Pa.: General	45.0	27.00	1½	1½	1½	10 - 10 - 60					
Portland, Me.:											
Coal											
Single team	48.0	24.00	1½	2	¾ 2	9 - 5 - 50	12		48.0	24.00	9 - 5 - 50
Helpers	48.0	24.00	1½	2	¾ 2	9 - 5 - 50	12		48.0	24.00	9 - 5 - 50
Portland, Oreg.:											
Up to 5,000 pounds	59.4	28.50	1½	1½	1½	8 - 8 - 48			59.4	27.00	8 - 8 - 48
Over 5,000 pounds	62.5	30.00	1½	1½	1½	8 - 8 - 48			59.4	28.50	8 - 8 - 48
Rochester, N. Y.:											
Ice wagons—											
First year	55.5	30.00			100c.	9 - 9 - 54					
After 1 year	66.7	36.00			100c.	9 - 9 - 54			59.0	36.00	10 - 11 - 61
Helpers	44.4	24.00			65c.	9 - 9 - 54			54.1	33.00	10 - 11 - 61
Milk-wagon drivers—											
First 3 months	48.3	29.00				10 - 10 - 60			48.3	29.00	10 - 10 - 60
Retail route men	56.7	34.00				10 - 10 - 60			56.7	34.00	10 - 10 - 60
Special delivery	68.8	33.00	1½	1½	1½	8 - 8 - 48					
Wholesale routes	56.7	34.00				10 - 10 - 60			56.7	34.00	10 - 10 - 60
Helpers	43.3	26.00				10 - 10 - 60			43.3	26.00	10 - 10 - 60
St. Louis, Mo.:											
Beer wagons, 2 horses	67.7	32.50	1½	1½	1½	8 - 8 - 48			64.6	31.00	8 - 8 - 48
Coal—											
1 horse	46.7	28.00	1	1	1½	10 - 10 - 60			46.7	28.00	10 - 10 - 60
2 horses, under 5,000 pounds	51.7	31.00	1	1	1½	10 - 10 - 60			51.7	31.00	10 - 10 - 60
2 horses, over 5,000 pounds	55.8	33.50	1	1	1½	10 - 10 - 60			55.8	33.50	10 - 10 - 60
Express, 1 or 2 horses	67.3	32.30	1½	1½	1½	8 - 8 - 48			67.3	32.30	8 - 8 - 48
General transfer—											
1 horse	49.1	28.00	1½	2	2	9½ - 9½ - 57			49.1	28.00	9½ - 9½ - 57
2 horses—											
Hauling less than 5,000 pounds, tonnage work	56.1	32.00	1½	2	2	9½ - 9½ - 57			56.1	32.00	9½ - 9½ - 57
Hauling over 5,000 pounds, tonnage work	63.5	36.20	1½	2	2	9½ - 9½ - 57			63.5	36.20	9½ - 9½ - 57
Hauling over 5,000 pounds, service work	61.4	35.00	1½	2	2	9½ - 9½ - 57			61.4	35.00	9½ - 9½ - 57
3 horses	68.8	39.20	1½	2	2	9½ - 9½ - 57			68.8	39.20	9½ - 9½ - 57
Ice	60.0	36.00	1	1	1½	10 - 10 - 60			60.0	36.00	10 - 10 - 60
Milk station	53.3	32.00	1	2	1	10 - 10 - 60			53.3	32.00	10 - 10 - 60
Helpers—											
Coal	48.3	29.00	1	1	1½	10 - 10 - 60			48.3	29.00	10 - 10 - 60
Express	50.5	24.23	1½	1½	1½	8 - 8 - 48			50.5	24.23	8 - 8 - 48

¹ And commission.

* Holidays off with pay.

³ Average hours.

⁶ Full day's pay for half day's work.

* 54 hours and same pay per week November to April, inclusive.

²⁴ For Saturday afternoon, 11½.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

CHAUFFEURS AND TEAMSTERS AND DRIVERS—Continued

TEAMSTERS AND DRIVERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
St. Paul, Minn.:												
Ice and coal.....	61.1	33.00	1½	1½	1½	9 - 9 - 54			61.1	33.00	9 - 9 - 54	
Milk—												
New men.....	65.4	31.38	1½	10700c.	1	8 - 8 - 48						
Route men.....	76.0	36.46	1½	10700c.	1	8 - 8 - 48			73.6	35.31	8 - 8 - 48	
San Francisco, Calif.:												
Beer—												
Bottle beer wagon drivers.....	85.4	41.00	1½	1½	(?)	8 - 8 - 48			85.4	41.00	8 - 8 - 48	
Shipping and keg route drivers.....	93.2	41.00	1½	1½	(?)	8 - 4 - 44	12		93.2	41.00	8 - 4 - 44	
Building material, 2-horses.....	68.4	39.00	1½	1½	1½	9½ - 9½ - 57			63.2	36.00	9½ - 9½ - 57	
General—												
1 horse.....	67.7	33.00	100c.	1½	1½	8½ - 6¼ - 48¾	12		67.7	33.00	8½ - 6¼ - 48¾	
2-horse trucks.....	80.0	39.00	115c.	1½	1½	8½ - 6¼ - 48¾	12		80.0	39.00	8½ - 6¼ - 48¾	
2-horse wagons, under 2 tons.....	73.8	36.00	110c.	1½	1½	8½ - 6¼ - 48¾	12		67.7	33.00	8½ - 6¼ - 48¾	
4 horses.....	92.3	45.00	135c.	1½	1½	8½ - 6¼ - 48¾	12		92.3	45.00	8½ - 6¼ - 48¾	
Grocery store, retail.....	62.5	30.00	150c.	2	(?)	8 - 8 - 48			62.5	30.00	8 - 8 - 48	
Toledo, Ohio:												
General—												
2 horses.....	57.5	34.50	1½	2	2	10 - 10 - 60			50.0	30.00	10 - 10 - 60	
Helpers.....	52.5	31.50	1½	2	2	10 - 10 - 60			47.5	28.50	10 - 10 - 60	
Scranton, Pa.:												
Ice and coal.....	64.0	32.00	1	1	1	9 - 5 - 50	12		60.0	30.00	9 - 5 - 50	
Milk wagons.....	70.0	35.00	1	1	1	9 - 50			66.0	33.00	9 - 50	

GRANITE AND STONE TRADES

GRANITE CUTTERS

Baltimore, Md.	118.8	52.25	2	2	2	8	-4	-44	12			118.8	52.25	8	-4	-44		
Boston, Mass.	124.0	54.56	2	2	2	27	8	-4	-44	12		118.0	51.92	8	-4	-44		
Bridgeport, Conn.:																		
Inside and monumental work	125.0	50.00	1 1/2	2	2	8	-0	-40	12			118.8	47.50	8	-0	-40		
Outside and machine	127.0	50.80	1 1/2	2	2	8	-0	-40	12			142.5	57.00	8	-0	-40		
Buffalo, N. Y.	118.8	47.50	1 1/2	2	2	23	8	-0	-40	12	23	143.8 to 148.8	118.8	47.50	8	-0	-40	
Machine	128.1	51.25	1 1/2	2	2	23	8	-0	-40	12	23	158.1 to 163.6						
Butte, Mont.	125.0	55.00	2	2	2	20	8	-4	-44	12		118.8	52.25	20	8	-4	-44	
Charleston, S. C.	105.0	46.20	1 1/2	2	2	20	8	-4	-44	12		105.0	46.20*	20	8	-4	-44	
Chicago, Ill.: Building work, outside	150.0	66.00	2	2	2	21	8	-4	-44	12		162.5	71.50	21	8	-4	-44	
Cincinnati, Ohio:																		
Inside	112.5	49.50	2	2	2	21	8	-4	-44	12		112.5	49.50	21	8	-4	-44	
Machine	122.5	53.90	2	2	2	21	8	-4	-44	12		122.5	53.90	21	8	-4	-44	
Cleveland, Ohio:																		
Inside	125.0	55.00	2	2	2	23	8	-4	-44	12		118.8	52.25	23	8	-4	-44	
Machine	131.3	57.75	2	2	2	23	8	-4	-44	12		125.0	55.00	23	8	-4	-44	
Outside	137.5	60.50	2	2	2	23	8	-4	-44	12		131.3	57.75	23	8	-4	-44	
Denver, Colo.:																		
Inside	112.5	49.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44		
Machine	115.6	50.88	1 1/2	2	2	8	-4	-44	12			115.6	50.88	8	-4	-44		
Des Moines, Iowa:																		
Inside	112.5	49.50	1 1/2	2	2	21	8	-4	-44	12	50	131.3	112.5	49.50	21	8	-4	-44
Outside and machine	118.8	52.25	1 1/2	2	2	21	8	-4	-44	12								
Detroit, Mich.:																		
Inside	112.5	49.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44		
Machine	117.5	51.70	1 1/2	2	2	8	-4	-44	12			117.5	51.70	8	-4	-44		
Fall River, Mass.:																		
Inside	115.0	50.60	1 1/2	2	2	23	8	-4	-44	12		110.0	48.40	23	8	-4	-44	
Machine	121.3	53.35	1 1/2	2	2	23	8	-4	-44	12		116.3	51.15	23	8	-4	-44	
Houston, Tex.	100.0	44.00	1 1/2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44		
Los Angeles, Calif.	112.5	49.50	2	2	2	8	-4	-44	12	11	Up to 118.8	112.5	49.50	8	-4	-44		
Louisville, Ky.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44		
Manchester, N. H.	112.5	49.50	1 1/2	2	2	24	8	-4	-44	12		112.5	49.50	8	-4	-44		
Newark, N. J.	150.0	60.00	2	2	2	8	-0	-40	12			137.5	60.80	8	-4	-44		
New Haven, Conn.	112.5	49.50	2	2	2	28	8	-4	-44	12		112.5	49.50	28	8	-4	-44	
New Orleans, La.:																		
Inside or outside	112.5	49.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44		
Machine	117.5	51.70	1 1/2	2	2	8	-4	-44	12			117.5	51.70	8	-4	-44		
New York, N. Y.	150.0	60.00	2	2	2	8	-0	-40	12	10	150.0 to 200.0	137.5	60.50	8	-4	-44		
Norfolk (Va.) district	112.5	49.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44		

* Holidays off with pay.

† Hours vary, but total 50 per week.

‡ Per day.

§ For Saturday afternoon, 1 1/2.

|| \$5 per day, Oct. 4 to Apr. 1.

** Includes vacation allowance.

†† 40 hours per week July to March, inclusive.

‡‡ For Saturday, 1 1/2.

§§ 40 hours per week August to January, inclusive.

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

|||| 40 hours per week November to March, inclusive.

||||| 40 hours per week June to February, inclusive.

|||||| 40 hours per week Oct. 15 to Mar. 15, inclusive.

||||||| 40 hours per week Nov. 15 to Mar. 15, inclusive.

||||||| 40 hours per week November to February, inclusive.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

GRANITE AND STONE TRADES—Continued

GRANITE CUTTERS—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars						
Philadelphia, Pa.	125.0	55.00	1½	2	2	8	4	44	12	125.0	55.00	8	4	44		
Pittsburgh, Pa.	125.0	55.00	Pro.	Pro.	Pro.	8	4	44	12	125.0	55.00	8	4	44		
Portland, Me.	112.5	49.50	2	2	2	8	4	44	12	6	118.8	112.5	49.50	8	4	44
Machine.	122.5	53.90	2	2	2	8	4	44	12	33	121.9					
Portland, Oreg.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
Providence, R. I.:																
Hand.	115.0	46.00	1½	2	2	8	0	40	12	2	Up to 135.0	115.0	50.60	8	4	44
Machine.	123.0	49.20	1½	2	2	8	0	40	12	50		123.0	54.12	8	4	44
Richmond, Va.	112.5	49.50	1½	2	2	8	4	44	12			100.0	44.00	8	4	44
Rochester, N. Y.	112.5	49.50	1½	2	2	8	4	44	12	30	125.0	112.5	49.50	8	4	44
St. Louis, Mo.:																
Inside.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
Machine.	118.8	52.25	1½	2	2	8	4	44	12			118.8	52.25	8	4	44
Outside.	125.0	55.00	1½	2	2	8	4	44	12			125.0	55.00	8	4	44
Salt Lake City, Utah: Inside.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
San Francisco, Calif.	112.5	49.50	2	2	2	8	4	44	12			112.5	49.50	8	4	44
On buildings.	118.8	47.50	2	2	2	8	0	40	12			118.8	52.25	8	4	44
Scranton, Pa.	125.0	55.00	1½	2	2	8	4	44	12			125.0	55.00	8	4	44
Seattle, Wash.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
Springfield, Mass.	112.5	49.50	2	2	2	8	4	44	12	47	120.0 to 137.5	112.5	49.50	8	4	44
Machine.	118.8	52.25	2	2	2	8	4	44	12			118.8	52.25	8	4	44
Toledo, Ohio.	112.5	49.50	1½	2	2	8	4	44	12			112.5	49.50	8	4	44
Machine.	117.5	51.70	1½	2	2	8	4	44	12			117.5	51.70	8	4	44
Washington, D. C.:																
Inside.	125.0	50.00	1½	2	2	8	0	40	12			125.0	55.00	8	4	44
Outside and machine.	131.3	52.50	1½	2	2	8	0	40	12			131.3	57.75	8	4	44

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

GRANITE AND STONE TRADES—Continued

STONE CUTTERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Philadelphia, Pa.:	131.3	57.75	1½	2	2	8 -4 -44	12			131.3	57.75	8 -4 -44
Inside.....	150.0	66.00	1½	2	2	8 -4 -44	12					
Outside.....	125.0	55.00	Pro.	Pro.	Pro.	8 -4 -44	12			125.0	55.00	8 -4 -44
Pittsburgh, Pa.	112.5	49.50	1½	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
Reading, Pa.	137.5	55.00	1½	2	2	8 -0 -40	12			137.5	55.00	8 -0 -40
Richmond, Va.	125.0	55.00	1½	2	2	8 -4 -44	12	2	150.0	125.0	55.00	8 -4 -44
Rochester, N. Y.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Rock Island (Ill.) district.....	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
St. Louis, Mo.	150.0	66.00	2	2	2	8 -4 -44	12			150.0	66.00	8 -4 -44
Outside.....	131.3	57.75	1½	2	2	8 -4 -44	12			131.3	57.75	8 -4 -44
St. Paul, Minn.	153.3	68.75	1½	2	2	8 -4 -44	12					
Carver.....	112.5	49.50	1½	2	2	8 -4 -44	12			112.5	49.50	8 -4 -44
San Francisco, Calif.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Scranton, Pa.	125.0	62.50	1½	2	2	9 -5 -50	12			125.0	62.50	9 -5 -50
Machine.....	125.0	55.00	2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Springfield, Mass.	137.5	60.50				8 -4 -44	12			137.5	60.50	8 -4 -44
Toledo, Ohio.....	125.0	55.00	1½	2	2	8 -4 -44	12	18	137.5	125.0	55.00	8 -4 -44
Washington, D. C.												

LAUNDRY WORKERS

Boston, Mass.:																
Extractors (women and men)	33.9	16.25	(u)		2	48	-8	-48		100	Up to 52.1	33.9	16.25	48	-8	-48
Washers (women and men)	54.7	26.25	(u)		2	48	-8	-48		100	Up to 62.5	54.7	26.25	48	-8	-48
Miscellaneous help (women)	27.1	13.00	(u)		2	48	-8	-48		71		27.1	13.00	48	-8	-48
Butte, Mont.:																
Assistant collar machine operators, hand ironers, shirt folders, seamstresses, machine hands or press-machine operators, flat-work counters, feeders and shakers, shirt finishers or starchers assistants (women).	40.6	19.50	1½	Pro.	Pro.	8	-8	-48				36.5	17.50	8	-8	-48
Flat washers (men)	67.7	32.50	1½			8	-8	-48				62.5	30.00	8	-8	-48
Hand washers	41.7	20.00	1½			8	-8	-48				37.5	18.00	8	-8	-48
Head collar girls	41.7	20.00	1½			8	-8	-48				37.5	18.00	8	-8	-48
Head mangle girls	44.8	21.50	1½			8	-8	-48				40.6	19.50	8	-8	-48
Head markers and distributors (men)	62.5	30.00	1½			8	-8	-48				62.5	30.00	8	-8	-48
All other markers	45.8	22.00	1½			8	-8	-48				43.8	21.00	8	-8	-48
Head markers' assistants (women)	54.2	26.00	1½			8	-8	-48				54.2	26.00	8	-8	-48
Head markers on rough dry (women)	52.1	25.00	1½			8	-8	-48				52.1	25.00	8	-8	-48
Head washers (men)	72.9	35.00	1½			8	-8	-48				67.7	32.50	8	-8	-48
Wringers (men)	62.5	30.00	1½			8	-8	-48				57.3	27.50	8	-8	-48
Head starchers (women)	42.7	20.50	1½			8	-8	-48				38.5	18.50	8	-8	-48
Mangle girls, flat-work counters (women)	39.6	19.00	1½			8	-8	-48								
Office girls	39.6	19.00	1½	Pro.	Pro.	8	-8	-48								
Apprentices, pressers, and office girls	44.8	21.50	1½			8	-8	-48								
Shirt-machine operators	44.8	21.50	1½			8	-8	-48								
Seamstresses	52.1	25.00	1½			8	-8	-48								
Los Angeles, Calif.:																
Bookers, wrappers, menders, shakers, ironers, etc.	50.0	24.00	1		1	8	-8	-48				46.9	22.50	8	-8	-48
Distributors, (male)	57.3	27.50	1		1	8	-8	-48		50	62.5	57.3	27.50	8	-8	-48
Markers, (male)	62.5	30.00	1		1	8	-8	-48		14	72.9	62.5	30.00	8	-8	-48
San Francisco, Calif.:																
Body ironers, or steam-press machine operators (women).	44.8	21.50	1½	1½	1½	8	-8	-48				44.8	21.50	8	-8	-48
Collar ironers, cuff pressers, folders, shirt hands on neckbands, shirtwaist, sleeve, waistbands, and yoke machine operators (women).	41.7	20.00	1½	1½	1½	8	-8	-48				41.7	20.00	8	-8	-48
Dampeners, dry-house hands, fluters, operators on tumblers, starchers on women's work, and tiers on plain in mangle room (women).	43.8	21.00	1½	1½	1½	8	-8	-48				43.8	21.00	8	-8	-48
Head collar ironers (women)	45.8	22.00	1½	1½	1½	8	-8	-48				45.8	22.00	8	-8	-48
Head markers and distributors (men)	70.3	33.75	1½	1½	1½	8	-8	-48				70.3	33.75	8	-8	-48
Head starchers (men)	56.3	27.00	1½	1½	1½	8	-8	-48				56.3	27.00	8	-8	-48
Head washermen	72.9	35.00	1½	1½	1½	8	-8	-48				72.9	35.00	8	-8	-48
Ironers, first 6 months, collar rubber, seamstresses, shirt dippers, and shirt rubbers (women).	42.7	20.50	1½	1½	1½	8	-8	-48				42.7	20.50	8	-8	-48
Ironers after 6 months (women)	46.9	22.50	1½	1½	1½	8	-8	-48				46.9	22.50	8	-8	-48
Mangle girls	40.6	19.50	1½	1½	1½	8	-8	-48				40.6	19.50	8	-8	-48

* For Saturday afternoon, 1½.

* Work on Saturday afternoon prohibited.

* Double time off in lieu of overtime pay.

* Hours vary, but total 48 per week.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
LAUNDRY WORKERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multi-plied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
San Francisco, Calif.—Continued												
Markers, distributors, sorters, washers, weighers (women and men).....	60.9	29.25	1½	1½	1½	8 -8 -48	-----	-----	60.9	29.25	8 -8 -48	
Polishers or shirt operators (women).....	51.0	24.50	1½	1½	1½	8 -8 -48	-----	-----	51.0	24.50	8 -8 -48	
Shakers on mangles (women).....	39.6	19.00	1½	1½	1½	8 -8 -48	-----	-----	39.6	19.00	8 -8 -48	
Shirt finishers (women).....	54.2	26.00	1½	1½	1½	8 -8 -48	-----	-----	54.2	26.00	8 -8 -48	
Washhouse helpers (men).....	60.4	29.00	1½	1½	1½	8 -8 -48	-----	-----	60.4	29.00	8 -8 -48	
Washermen and wringermen.....	64.6	31.00	1½	1½	1½	8 -8 -48	-----	-----	64.6	31.00	8 -8 -48	
Seattle, Wash.:												
Body ironers, head starchers, and polishers, and bosom-press operators, fancy ironers, head collar girls, or flat work tiers and checkers (women).....	37.5	18.00	Pro.	2	2	8 -8 -48	-----	-----	37.5	18.00	8 -8 -48	
Dry-house girls, second feeders, folders, or starchers, flat work (women).....	36.5	17.50	Pro.	2	2	8 -8 -48	-----	-----	36.5	17.50	8 -8 -48	
Flat work, head feeders, starchers, folders, and garment-press operators (women).....	37.0	17.75	Pro.	2	2	8 -8 -48	-----	-----	37.0	17.75	8 -8 -48	
Head markers and sorters (men).....	56.3	27.00	2	2	2	8 -8 -48	-----	-----	56.3	27.00	8 -8 -48	
Head markers and sorters (women).....	56.3	27.00	Pro.	2	2	8 -8 -48	-----	-----	56.3	27.00	8 -8 -48	
Head washermen (starch and dry).....	62.5	30.00	2	2	2	8 -8 -48	-----	-----	62.5	30.00	8 -8 -48	
Washermen, flat work.....	57.3	27.50	2	2	2	8 -8 -48	-----	-----	57.3	27.50	8 -8 -48	
Washermen and engineer combination.....	80.0	38.40	2	2	2	8 -8 -48	-----	-----	80.0	38.40	8 -8 -48	
Wringermen and pullermen.....	55.2	26.50	2	2	2	8 -8 -48	-----	-----	55.2	26.50	8 -8 -48	
Assistant starchers, shirt finishers, seamstresses, and sock darners, assistant collar girls, neck-band and cuff-press operators, plain ironers, shirt folders, flat-work shakers, clothes dampeners, assistant tiers, and checkers (women).....	35.9	17.25	Pro.	2	2	8 -8 -48	-----	-----	35.9	17.25	8 -8 -48	
Elevator boys and bundle boys.....	38.5	18.50	2	2	2	8 -8 -48	-----	-----	38.5	18.50	8 -8 -48	
All other markers and sorters, dry and wet wash listers, and sorters (women).....	38.5	18.50	Pro.	2	2	8 -8 -48	-----	-----	38.5	18.50	8 -8 -48	

LINEMEN

46499°-31-12

Atlanta, Ga.	85.0	42.50	1 1/2	1 1/2	1 1/2	9	-5	-50	12			85.0	42.50	9	-5	-50
Splicers, underground	105.0	52.50	1 1/2	1 1/2	1 1/2	9	-5	-50	12			105.0	52.50	9	-5	-50
Trouble men	91.0	47.60	1 1/2	1 1/2	1 1/2	9	-5	-50	12			91.0	47.60	9	-5	-50
Birmingham, Ala.	80.0	40.00	1 1/2	2	2	9	-5	-50	12			80.0	40.00	9	-5	-50
Boston, Mass.	98.9	43.50	1 1/2	1 1/2	1 1/2	9	-5	-50	12			98.9	43.50	9	-5	-50
Telephone linemen—																
Construction	95.0	41.80	1 1/2	1 1/2	2	8	-4	-44	12	16		95.0	41.80	8	-4	-44
Maintenance	95.0	41.80	1 1/2	1 1/2	2	8	-4	-44	12	12		95.0	41.80	8	-4	-44
Butte, Mont.:																
Light and power	90.6	50.75	2	1	1	8	-5	-56				90.6	50.75	8	-4	-44
Telephone	87.5	42.00	1 1/2	2	2	8	-5	-56				87.5	42.00	8	-4	-44
Telephone, cable splicers	100.0	44.00	1 1/2	2	2	8	-4	-44		28		100.0	44.00	8	-4	-44
Charleston, S. C.	75.0	37.13	1 1/2	2	2	9	-4 1/2	-49 1/2	12			75.0	37.13	9	-4 1/2	-49 1/2
Chicago, Ill.	170.0	74.80	2	2	2	8	-4	-44	12			170.0	74.80	8	-4	-44
Cleveland, Ohio	150.0	66.00	2	2	2	8	-4	-44	12			150.0	66.00	8	-4	-44
Dallas, Tex.	76.2	42.69	1 1/2	1	2	8	-5	-56				76.2	42.69	8	-4	-44
Des Moines, Iowa	78.0	37.44	1 1/2	1 1/2	2	8	-5	-56				78.0	37.44	8	-4	-44
Detroit, Mich.	120.0	57.60	1 1/2	2	2	8	-5	-56				120.0	57.60	8	-4	-44
Troublem.	130.0	62.40	1 1/2	2	2	8	-5	-56		14	Up to 147.9	130.0	62.40	8	-4	-44
Erie, Pa.:																
Lighting	88.0	43.56	1 1/2	2	2	9	-4 1/2	-49 1/2	12			88.0	43.56	9	-4 1/2	-49 1/2
Telephone	97.0	42.68	2	2	2	8	-4	-44	12			97.0	42.68	8	-4	-44
Houston, Tex.	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Kansas City, Mo.	100.0	44.00	1 1/2	2	2	8	-4	-44	12	12	Up to 137.5	100.0	44.00	8	-4	-44
Manchester, N. H.: Telephone	90.6	39.87	1 1/2	1 1/2	2	8	-4	-44	12			90.6	39.87	8	-4	-44
Milwaukee, Wis.	120.0	52.80	2	2	2	8	-4	-44	12			120.0	52.80	8	-4	-44
New Orleans, La.:																
Class A	95.0	45.60	2	2	2	8	-5	-56				95.0	45.60	8	-4	-44
Class B	85.0	40.80	2	2	2	8	-5	-56				85.0	40.80	8	-4	-44
New York, N. Y.	165.0	66.00	2	2	2	8	-5	-56	12			165.0	66.00	8	-4	-44
Omaha, Nebr.	84.4	40.50	1 1/2	2	2	8	-5	-56				84.4	40.50	8	-4	-44
Peoria, Ill.	95.0	47.50	1 1/2	2	2	9	-5	-60	12			95.0	47.50	9	-5	-60
Pittsburgh, Pa.	162.5	71.50	2	2	2	8	-4	-44	12			162.5	71.50	8	-4	-44
Portland, Me.:																
Light and power	70.0	35.00	1 1/2	1 1/2	1 1/2	9	-5	-60	6			70.0	35.00	9	-5	-60
Telephone																
Floating and station	94.3	41.50	1 1/2	1 1/2	2	8	-4	-44	12	50	114.5 to 122.7	94.3	41.50	8	-4	-44
After 10 years' service	98.9	43.50	1 1/2	1 1/2	2	8	-4	-44	12			98.9	43.50	8	-4	-44
Portland, Ore.	100.0	44.00	2	2	2	8	-5	-56	12			100.0	44.00	8	-4	-44
Cable splicers	112.5	49.50	2	2	2	8	-5	-56	12			112.5	49.50	8	-4	-44
St. Louis, Mo.:																
Contractors	165.0	72.60	1 1/2	2	2	8	-4	-44	12			165.0	72.60	8	-4	-44
Public Service	102.0	44.88	1 1/2	2	2	8	-4	-44	12			102.0	44.88	8	-4	-44
Salt Lake City, Utah	75.0	36.00	1 1/2	1 1/2	1 1/2	8	-5	-60				75.0	36.00	8	-4	-44
San Francisco, Calif.	87.5	38.50	2	2	2	8	-4	-44	12			87.5	38.50	8	-4	-44
Cable splicers	100.0	44.00	2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44

¹ 54 hours and same pay per week, November to April, inclusive.
² For Saturday afternoon, 1 1/2.
³ 2 days off each month with pay.

⁴ Plus living expenses in excess of \$5 per week.
⁵ Off alternate Saturdays.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued
LINEMEN—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Seattle, Wash.:												
Overhead and underground.....	112.5	45.00	1½	1½	1½	8 -0 -40	12	-----		112.5	45.00	8 -0 -40
Cable splicers.....	125.0	50.00	1½	1½	1½	8 -0 -40	12	-----		125.0	50.00	8 -0 -40
Wichita, Kans.....	87.5	47.25	1½	2	2	9 -9 -54	-----	-----		87.5	47.25	9 -9 -54
Youngstown, Ohio.....	90.0	42.30	1½	2	2	8 -7 -47	12	-----		90.0	42.30	8 -7 -47

LONGSHOREMEN

Baltimore, Md.:												
General cargo.....	90.0	39.60	135c.	135c.	135c.	8 -4 -44	12			85.0	37.40	8 -4 -44
Grain handlers.....	105.0	46.20	160c.	160c.	160c.	8 -4 -44	12	6	Foremen 110.0	105.0	46.20	8 -4 -44
Marine warehouse.....	81.3	35.75	130c.	130c.	130c.	8 -4 -44	12			81.3	35.75	8 -4 -44
Weighers.....	100.0	44.00	145c.	145c.	145c.	8 -4 -44	12					
Boston, Mass.:												
Coffee and bulk cargoes.....	90.0	39.60	135c.	135c.	135c.	8 -4 -44	12			90.0	39.60	8 -4 -44
General cargo.....	85.0	37.40	130c.	130c.	130c.	8 -4 -44	12			85.0	37.40	8 -4 -44
Grain handlers.....	105.0	46.20	160c.	160c.	160c.	8 -4 -44	12			105.0	46.20	8 -4 -44
Horse and cattle fitters.....	100.0	44.00	2	2	2	8 -4 -44	12			100.0	44.00	8 -4 -44
Sugar and molasses.....	95.0	41.80	140c.	140c.	140c.	8 -4 -44	12			95.0	41.80	8 -4 -44
Wet hides.....	100.0	44.00	145c.	145c.	145c.	8 -4 -44	12			100.0	44.00	8 -4 -44
Buffalo, N. Y.:												
Grain handlers.....	* 300.0		1½	1½	1½	8 -8 -48				* 300.0		8 -8 -48
Package and freight handlers.....	62.5	30.00	1	1	1	8 -8 -48				62.5	43.75	10 -10 -70
Houston, Tex.:												
Deep-sea vessels.....	80.0	35.20	1½	2	1½	* 8 -4 -44	4			80.0	38.40	8 -8 -48
Coastwise.....	70.0	33.60	1½	2	1½	8 -8 -48				70.0	33.60	8 -8 -48

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB

BINDERY WOMEN

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Atlanta, Ga.	40.9	18.00	1½	2	* 2	8 -4 -44	12	33 45.5	40.9	18.00	8 -4 -44	
Baltimore, Md.	45.5	20.00	1½	2	* 2	8 -4 -44	12		45.5	20.00	8 -4 -44	
Birmingham, Ala.	40.0	17.60	1½	2	* 2	8 -4 -44	12		40.0	17.60	8 -4 -44	
Boston, Mass.:												
Handworkers	46.3	22.20	1½	2	* 2	48 8¾ 4¾ 48	12	64 Not reported	46.3	22.20	48 8¾ 4¾ 48	
Machine operators and gold-leaf layers	47.3	22.68	1½	2	* 2	48 8¾ 4¾ 48	12	50 do	47.3	22.68	48 8¾ 4¾ 48	
Buffalo, N. Y.	42.0	18.50	1½	2	* 2	8 -4 -44	12	12 56.8	42.0	18.50	8 -4 -44	
Butte, Mont.	51.1	22.50	1½	2	2	8 -4 -44	12		51.1	22.50	8 -4 -44	
Chicago, Ill.:												
Blank book sewers, folders, ruling machine feeders, Singer sewing machine operators, perforators, table workers, auto stitcher feeders.	56.8	25.00	1½	2	2	8 -4 -44	12	24 59.1 to 63.6	56.8	25.00	8 -4 -44	
All-round journeymen, flat wire stitching, thread sewing, covering and head gold-leaf layers, gathering and collating.	60.2	26.50	1½	2	2	8 -4 -44	12	24 62.5 to 67.0	60.2	26.50	8 -4 -44	
Gold-leaf layers and sizers	58.0	25.50	1½	2	2	8 -4 -44	12	40 60.2 to 64.7	58.0	25.50	8 -4 -44	
Paging and numbering machine operators	59.1	26.00	1½	2	2	8 -4 -44	12		59.1	26.00	8 -4 -44	
Cincinnati, Ohio.	51.1	22.50	1½	2	* 2	8 -4 -44	12		47.7	21.00	8 -4 -44	
Cleveland, Ohio:												
Hand work	53.4	23.50	1½	2	2	8 -4 -44	12		52.3	23.00	8 -4 -44	
Machine work	59.1	26.00	1½	2	2	8 -4 -44	12		58.0	25.50	8 -4 -44	
Columbus, Ohio.	50.0	22.00	1½	1½	1½	8 -4 -44	12		50.0	22.00	8 -4 -44	
Dallas, Tex.	46.9	22.50	1½	2	2	8 -8 -48			33.3	16.00	8¾ 4¾ 48	
Denver, Colo.	51.1	22.50	1½	2	* 2	8 -4 -44	12	26 56.8	51.1	22.50	8 -4 -44	
Des Moines, Iowa	47.7	21.00	1½	2	* 2	8 -4 -44	12	14 Average, 56.8	47.7	21.00	8 -4 -44	
Detroit, Mich.	51.1	22.50	1½	2	* 2	8 -4 -44	12		46.9	22.50	8¾ 4¾ 48	

Indianapolis, Ind.	55.7	24.50	1 1/2	2	" 2	8	-4	-44	12			53.4	23.50	8	-4	-44
Jacksonville, Fla.	45.5	20.00	1 1/2	2	" 2	8	-4	-44	12			45.5	20.00	8	-4	-44
Kansas City, Mo.	45.5	20.00	1 1/2	2	" 2	8	-4	-44	12	11	40.9 to 61.4	45.5	20.00	8	-4	-44
Little Rock, Ark.	36.5	17.50	1 1/2	2	2	8	-8	-48				36.5	17.50	8	-8	-48
Los Angeles, Calif.	45.5	20.00	1 1/2	2	" 2	8	-4	-44	12			45.5	20.00	8	-4	-44
Louisville, Ky.	31.3	15.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12	100	Up to 35.4	29.2	14.00	8 1/2	-4 1/2	-48
Memphis, Tenn.	39.6	17.42	1 1/2	2	" 2	8	-4	-44	12			39.6	17.42	8	-4	-44
Minneapolis, Minn.: Machine work	45.0	19.80	1 1/2	2	2	8	-4	-44	12			45.0	19.80	8	-4	-44
Newark, N. J.	52.3	23.00	1 1/2	2	" 2	8	-4	-44	12			52.3	23.00	8	-4	-44
New Orleans, La.	33.3	16.00	1 1/2	1 1/2	2	8	-8	-48				33.3	16.00	8	-8	-48
New York, N. Y.	67.0	29.50	1 1/2	2	" 2	8	-4	-44	12			67.0	29.50	8	-4	-44
Book examiners	62.5	27.50	1 1/2	2	" 2	8	-4	-44	12							
Flat and roll mail wrappers	104.5	46.00	1 1/2	2	" 2	8	-4	-44	12							
Gathering-machine operators	113.6	50.00	1 1/2	2	" 2	8	-4	-44	12							
Hand coverers	73.9	32.50	1 1/2	2	" 2	8	-4	-44	12							
Insert stitcher-machine operators	69.3	30.50	1 1/2	2	" 2	8	-4	-44	12							
Philadelphia, Pa.:																
All-round job workers folding machine operators, numberers and pagers, perforators, sewers, hand; Singer sewing-machine operators and single-point machine operators.	43.8	21.00	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			41.7	20.00	8 1/2	-4 1/2	-48
All-round sheet girls, board binders and layers, bunchers, fly-leaf workers, folders, hand; platers and Smythe sewing-machine operators.	41.7	20.00	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			39.6	19.00	8 1/2	-4 1/2	-48
Job folders, machine	47.9	23.00	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			45.8	22.00	8 1/2	-4 1/2	-48
Quad-machine operators and auto feed drop-roller tenders.	54.2	26.00	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			52.1	25.00	8 1/2	-4 1/2	-48
Portland, Oreg.	54.5	24.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12			54.5	24.00	8	-4	-44
Rochester, N. Y.	41.7	20.00	1 1/2	2	" 2	8 1/2	-4	-48	12			45.5	20.00	8	-4	-44
St. Louis, Mo.	47.3	20.80	1 1/2	2	" 2	8	-4	-44	12			47.3	20.80	8	-4	-44
St. Paul, Minn.	45.0	19.80	1 1/2	2	2	8	-4	-44	12							
San Francisco, Calif.	55.7	24.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12			55.7	24.50	8	-4	-44
Scranton, Pa.:																
First Class A	41.7	20.00	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			41.7	20.00	8 1/2	-4 1/2	-48
First Class B	41.7	20.00	1 1/2	2	" 2	8 1/2	-4	-48	12							
Second Class	34.4	16.50	1 1/2	2	" 2	8 1/2	-4 1/2	-48	12			34.4	16.50	8 1/2	-4 1/2	-48
Seattle, Wash.	54.5	24.00	Pro.	1 1/2	1 1/2	8	-4	-44	12			54.5	24.00	8	-4	-44
Spokane, Wash.	54.5	24.00	1 1/2	2	" 2	8	-4	-44	12			47.7	21.00	8	-4	-44
Washington, D. C.	48.9	21.50	1 1/2	2	" 2	8	-4	-44	12			48.9	21.50	8	-4	-44
Mailing	37.5	16.50	1 1/2	2	" 2	8	-4	-44	12			37.5	16.50	8	-4	-44
Youngstown, Ohio:																
Forewomen	60.2	26.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12			60.2	26.50	8	-4	-44
Journeywomen	53.4	23.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12			53.4	23.50	8	-4	-44

* For Saturday afternoon 1 1/2.

† Hours vary, but total 48 per week.

GENERAL TABLE

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

BOOKBINDERS

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Atlanta, Ga.-----	90.9	40.00	1½	2	" 2	8 -4 -44	12	44 108.0.....	90.9	40.00	8 -4 -44	
Birmingham, Ala.-----	80.0	35.20	1½	2	" 2	8 -4 -44	12	45 Average, 102.3.....	80.0	35.20	8 -4 -44	
Boston, Mass.:-----												
Casing in and case making, hand; stock cutting (except sheet stock); gluing off; book repairers.-----	80.2	38.50	1½	2	" 2	8¾-4¾-48	12	55 Not reported...	80.2	38.50	8¾-4¾-48	
Casing in and case making, folding 2-inch quad, rounding and backing, book trimming machines; head banding and lining, hand; sheet stock cutting stampers and inkers.-----	84.4	40.50	1½	2	" 2	8¾-4¾-48	12	24 do.....	84.4	40.50	8¾-4¾-48	
Casing in on presses, folding 1-inch quad, pasting, smashing; board-cutting machine, sheet stock men, book pasters.-----	78.1	37.50	1½	2	" 2	8¾-4¾-48	12	-----	78.1	37.50	8¾-4¾-48	
Finishers, forwarders, rollers, backers-----	86.5	41.50	1½	2	" 2	8¾-4¾-48	12	35 Not reported...	86.5	41.50	8¾-4¾-48	
Gatherers, machine-----	81.3	39.00	1½	2	" 2	8¾-4¾-48	12	-----	81.3	39.00	8¾-4¾-48	
Gilders-----	88.5	42.50	1½	2	" 2	8¾-4¾-48	12	-----	88.5	42.50	8¾-4¾-48	
Rulers-----	85.4	41.00	1½	2	" 2	8¾-4¾-48	12	67 Up to 104.1.....	85.4	41.00	8¾-4¾-48	
Buffalo, N. Y.-----	86.4	38.00	1½	2	" 2	8 -4 -44	12	33 102.3 to 136.4.....	86.4	38.00	8 -4 -44	
Butte, Mont.: Journeymen and paper cutters-----	100.2	44.10	1½	2	2	8 -4 -44	12	-----	100.2	44.10	8 -4 -44	
Chicago, Ill.:-----												
Gathering-machine operators-----	104.2	45.85	1½	2	2	8 -4 -44	12	57 Average, 113.3.....	104.2	45.85	8 -4 -44	
Case makers; cutters, binders, stock; head man, book work; forwarders, cloth, leather, and job; edge gilders, marblers, rounders, and backers; steam stampers, and finishers.-----	104.5	46.00	1½	2	2	8 -4 -44	12	20 Average, 113.6.....	104.5	46.00	8 -4 -44	

Case helpers, pasters, and pressers, general workers; gluing up for machines; tipping for gilders; repairers, book sawyers, and smashers.	100.0	44.00	1½	2	2	8	-4	-44	12	37	106.8 to 109.1	100.0	44.00	8	-4	-44
Casers-in; cutters, stock; covering, gluing, and pasting; index-machine operators; joggers, feeders, and operators, 1 hand-feed folding machine; feeders, 1 automatic folder; assistants on automatic folders.	101.1	44.50	1½	2	2	8	-4	-44	12	23	108.0 to 109.1	101.1	44.50	8	-4	-44
Feeders, 2 automatic folding machines.	109.1	48.00	1½	2	2	8	-4	-44	12	60	118.2 to 120.5	109.1	48.00	8	-4	-44
Operators, 3 automatic folding machines.	115.9	51.00	1½	2	2	8	-4	-44	12	55	126.1 to 129.5	115.9	51.00	8	-4	-44
Cutters, combination, and 1 or 2 folding machines.	117.8	51.85	1½	2	2	8	-4	-44	12	60	Average, 131.5	117.8	51.85	8	-4	-44
Feeders, 1 folding-machine; operator on covering machine.	108.4	45.50	1½	2	2	8	-4	-44	12	46	Average, 111.4	103.4	45.50	8	-4	-44
Forwarders and finishers, and binding, gathering, and stitching machine operators, paper cutters.	107.0	47.10	1½	2	2	8	-4	-44	12	51	Average, 116.1	107.0	47.10	8	-4	-44
In charge of stock and cutting machines, combination gathering, stitching, and covering machines.	111.6	49.10	1½	2	2	8	-4	-44	12	56	Average, 125.2	111.6	49.10	8	-4	-44
Stampers in charge, one or more machines.	111.4	49.00	1½	2	2	8	-4	-44	12	57	Average, 122.7					
Tip printers.	102.3	45.00	1½	2	2	8	-4	-44	12	14	110.2	102.3	45.00	8	-4	-44
Trimmers.	104.0	45.75	1½	2	2	8	-4	-44	12	60	Average, 113.1	104.0	45.75	8	-4	-44
Cincinnati, Ohio.	89.8	39.50	1½	2	2	8	-4	-44	12			86.4	38.00	8	-4	-44
Cleveland, Ohio.	106.3	46.75	1½	2	2	8	-4	-44	12			104.0	45.75	8	-4	-44
Columbus, Ohio.	106.8	47.00	1½	1½	1½	8	-4	-44	12			106.8	47.00	8	-4	-44
Dallas, Tex.	75.0	36.00	1½	2	2	8	-8	-48		77	93.8	87.5	42.00	8½	-4½	-48
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Denver, Colo.	102.3	45.00	1½	2	2	8	-4	-44	12			102.3	45.00	8	-4	-44
Des Moines, Iowa.	98.2	41.00	1½	2	2	8	-4	-44	12	33	Average, 102.3	93.2	41.00	8	-4	-44
Detroit, Mich.	102.3	45.00	1½	2	2	8	-4	-44	12	50	Average, 109.1	93.8	45.00	8½	-4½	-48
Indianapolis, Ind.	111.4	49.00	1½	2	2	8	-4	-44	12	11	122.7 to 127.3	106.8	47.00	8	-4	-44
Jacksonville, Fla.	90.9	40.00	1½	2	2	8	-4	-44	12			90.9	40.00	8	-4	-44
Kansas City, Mo.	93.2	41.00	1½	2	2	8	-4	-44	12	7	Up to 125.0	93.2	41.00	8	-4	-44
Little Rock, Ark.	72.9	35.00	1½	2	2	8	-8	-48				72.9	35.00	8	-8	-48
Los Angeles, Calif.	95.5	42.00	1½	2	2	8	-4	-44	12			95.5	42.00	8	-4	-44
Louisville, Ky.	62.5	30.00	1½	2	2	8½	-4½	-48	12	50	Up to 75.0	62.5	30.00	8½	-4½	-48
Memphis, Tenn.	86.4	38.00	1½	2	2	8	-4	-44	12			86.4	38.00	8	-4	-44
Milwaukee, Wis.	87.5	42.00	1½	2	2	8	-8	-48		28	Not reported	82.8	40.80	8	-4	-44
Minneapolis, Minn.	85.0	37.40	1½	2	2	8	-4	-44	12	55	90.9 to 113.6	80.0	38.40	8½	-4½	-48
Moline, Ill. (See Rock Island (Ill.) district.)																
Newark, N. J.	109.1	48.00	1½	2	2	8	-4	-44	12			108.0	47.50	8	-4	-44
New Orleans, La.	78.1	37.50	1½	1½	2	8	-8	-48				78.1	37.50	8	-8	-48
New York, N. Y.																
Assistant folding-machine operators.	95.5	42.00	1½	2	2	8	-4	-44	12							
Bench workers.	104.5	46.00	1½	2	2	8	-4	-44	12			102.3	45.00	8	-4	-44
Binding machines, or gathering, stitching, or covering machines.	115.9	51.00	1½	2	2	8	-4	-44	12			113.6	50.00	8	-4	-44
Blank-book forwarders.	106.8	47.00	1½	2	2	8	-4	-44	12	78	113.5					
Cutters.	113.6	50.00	1½	2	2	8	-4	-44	12			111.4	49.00	8	-4	-44
Combination gathering and covering machines or operators Kast stitching trimmers.	118.2	52.00	1½	2	2	8	-4	-44	12							
Continuous trimmer operators.	120.5	53.00	1½	2	2	8	-4	-44	12							
Machine operators.	109.1	48.00	1½	2	2	8	-4	-44	12							

* For Saturday afternoon, 1½.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

BOOKBINDERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
New York, N. Y.—Continued												
Manifold table workers.....	106.8	47.00	1½	2	2	8 -4 -44	12					
Paper rulers—												
First.....	113.6	50.00	1½	2	2	8 -4 -44	12					
Second.....	106.8	47.00	1½	2	2	8 -4 -44	12					
Omaha, Nebr.....	87.5	42.00	1½	2	2 2	8¼-4¼-48	12	21 99.0	87.5	42.00	8¼-4¼-48	
Philadelphia, Pa.:												
All-round men; sample book and record albums; cutters, stock; leather; blank-work forwarders; gluing machine operators; half-bound work; loose-leaf binders; sheet-wire strippers; machine.	87.5	42.00	1½	2	2 2	8¼-4¼-48	12	36	83.3	40.00	8¼-4¼-48	
Case makers—												
Hand cutters; finishers, sheep and plain job; folders; machine assistants, forwarders.	83.3	40.00	1½	2	2 2	8¼-4¼-48	12		83.3	40.00	8¼-4¼-48	
Machine A.—Cases-in, covers, folders, rounders, and backers, machine; forwarders, circuit-edge Bible work; gilders, stampers, trimmers, machine, and printed work.	83.3	40.00	1½	2	2 2	8¼-4¼-48	12		83.3	40.00	8¼-4¼-48	
Machine B.—Cases-in, finishers; job and full-bound blank work; forwarders, and full-bound stock and job work.	91.7	44.00	1½	2	2 2	8¼-4¼-48	12	49	87.5	42.00	8¼-4¼-48	
Finishers, extra printed work.....	85.4	41.00	1½	2	2 2	8¼-4¼-48	12		85.4	41.00	8¼-4¼-48	
Rulers—												
Head.....	97.9	47.00	1½	2	2 2	8¼-4¼-48	12	24	93.8	45.00	8¼-4¼-48	
Extra job.....	93.8	45.00	1½	2	2 2	8¼-4¼-48	12		89.6	43.00	8¼-4¼-48	
Down and faint lines.....	87.5	42.00	1½	2	2 2	8¼-4¼-48	12		83.3	40.00	8¼-4¼-48	
Stampers, head.....	89.6	43.00	1½	2	2 2	8¼-4¼-48	12	33	89.6	43.00	8¼-4¼-48	
Portland, Oreg.....	103.4	45.50	1½	1½	1½	8 -4 -44	12		103.4	45.50	8 -4 -44	

Rochester, N. Y.	83.3	40.00	1 1/2	2	2 1/2	8 1/4-48	12	13	89.6	90.9	40.00	8 1/4-44
Rock Island (Ill.) district	83.3	40.00	1 1/2	2	2 1/2	8 1/4-48	12	25	93.3 to 100.0	83.3	40.00	8 1/4-44
St. Louis, Mo.:												
Finishers, gilders, and rulers	102.2	44.96	1 1/2	2	2 1/2	8 1/4-44	12			102.2	44.96	8 1/4-44
Journeymen	100.2	44.08	1 1/2	2	2 1/2	8 1/4-44	12			100.2	44.08	8 1/4-44
St. Paul, Minn.	85.0	37.40	1 1/2	2	2	8 1/4-44	12	6	90.9 to 102.3	80.0	38.40	8 1/4-44
San Francisco, Calif.	113.6	50.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12			113.6	50.00	8 1/4-44
Scranton, Pa.:												
Case makers or coverers, machine; and stampers	92.7	44.50	1 1/2	2	2 1/2	8 1/4-48	12			92.7	44.50	8 1/4-48
Cutters, book and paper; folders and smashers, machine	92.7	44.50	1 1/2	2	2 1/2	8 1/4-48	12			92.7	44.50	8 1/4-48
Cutters, sheet stock; rounders and backers, machine	93.8	45.00	1 1/2	2	2 1/2	8 1/4-48	12			93.8	45.00	8 1/4-48
Cutters, stock	95.8	46.00	1 1/2	2	2 1/2	8 1/4-48	12			95.8	46.00	8 1/4-48
Finishers; forwarders, blank work; rulers	86.4	38.00	1 1/2	2	2 1/2	8 1/4-44	12			86.4	38.00	8 1/4-44
Forwarders, printed work; gathering, and pamphlet machine operators	89.0	42.72	1 1/2	2	2 1/2	8 1/4-48	12			89.0	42.72	8 1/4-48
Seattle, Wash.	100.0	44.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12			100.0	44.00	8 1/4-44
Spokane, Wash.	102.3	45.00	1 1/2	2	2 1/2	8 1/4-44	12			95.0	41.80	8 1/4-44
Washington, D. C.	90.9	40.00	1 1/2	2	2 1/2	8 1/4-44	12	25	Up to 113.6	90.9	40.00	8 1/4-44
Youngstown, Ohio	101.1	44.50	1 1/2	1 1/2	1 1/2	8 1/4-44	12			101.1	44.50	8 1/4-44

COMPOSITORS, HAND

Atlanta, Ga.	100.0	44.00	1 1/2	2	2 1/2	8 1/4-44	12			100.0	44.00	8 1/4-44
Baltimore, Md.	100.0	44.00	1 1/2	2	2 1/2	8 1/4-44	12			90.9	40.00	8 1/4-44
Birmingham, Ala.	92.5	40.70	1 1/2	1 1/2	2 1/2	8 1/4-44	12			92.5	40.70	8 1/4-44
Boston, Mass.	96.0	42.24	1 1/2	2	2 1/2	8 1/4-44	12			96.0	42.24	8 1/4-44
Buffalo, N. Y.	100.0	44.00	1 1/2	2	2 1/2	8 1/4-44	12			100.0	44.00	8 1/4-44
Butte, Mont.	103.4	45.50	1 1/2	2	2	8 1/4-44	12			103.4	45.50	8 1/4-44
Charleston, S. C.	84.1	37.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12			84.1	37.00	8 1/4-44
Chicago, Ill. #	129.5	57.00	1 1/2	2	2	8 1/4-44	12	50	Average, 150.0	122.7	54.00	8 1/4-44
Cincinnati, Ohio	118.2	52.00	1 1/2	2	2 1/2	8 1/4-44	12			115.9	51.00	8 1/4-44
Cleveland, Ohio	111.4	49.00	1 1/2	2	2	8 1/4-44	12	48	115.9 to 120.4	111.4	49.00	8 1/4-44
Columbus, Ohio	106.8	47.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12			106.8	47.00	8 1/4-44
Dallas, Tex.	100.0	44.00	1 1/2	2	2 1/2	8 1/4-44	12			100.0	44.00	8 1/4-44
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio	104.5	46.00	1 1/2	2	2 1/2	8 1/4-44	12			104.5	46.00	8 1/4-44
Denver, Colo.	102.3	45.00	1 1/2	2	2 1/2	8 1/4-44	12			102.3	45.00	8 1/4-44
Des Moines, Iowa	100.0	44.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12	14	Not reported	100.0	44.00	8 1/4-44
Detroit, Mich.	125.0	55.00	1 1/2	2	2 1/2	8 1/4-44	12			122.0	53.68	8 1/4-44
Erie, Pa.	100.0	44.00	1 1/2	1 1/2	1 1/2	8 1/4-44	12			100.0	44.00	8 1/4-44
Fall River, Mass.	81.8	36.00	1 1/2	2	2 1/2	8 1/4-44	12			81.8	36.00	8 1/4-44
Grand Rapids, Mich.	90.9	40.00	1 1/2	2	2 1/2	8 1/4-44	12	73	Up to 136.4	90.9	40.00	8 1/4-44
Houston, Tex.	90.9	40.00	1 1/2	2	2 1/2	8 1/4-44	12			106.8	47.00	8 1/4-44
Indianapolis, Ind.	111.4	49.00	1 1/2	2	2 1/2	8 1/4-44	12			98.9	43.50	8 1/4-44
Jacksonville, Fla.	98.9	43.50	1 1/2	1 1/2	1 1/2	8 1/4-44	12			102.3	45.00	8 1/4-44
Kansas City, Mo.	102.3	45.00	1 1/2	2	2 1/2	8 1/4-44	12			92.0	40.50	8 1/4-44
Little Rock, Ark.	94.3	41.50	1 1/2	1 1/2	2 1/2	8 1/4-44	12					

For Saturday afternoon, 1 1/2.

Includes Bohemian, German, and Swedish texts.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

COMPOSITORS, HAND—Continued

City	May 15, 1930										May 15, 1929					
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars						
Los Angeles, Calif.	106.8	47.00	1½	2	2½	8	—	44	12	39	118.2	106.8	47.00	8	—	44
Louisville, Ky.	86.4	38.00	1½	2	2	8	—	44	12	52	Up to 97.7	86.4	38.00	8	—	44
Madison, Wis.	100.0	44.00	1½	1½	2½	8	—	44	12	80	Up to 111.4	95.5	42.00	8	—	44
Manchester, N. H.	79.5	35.00	1½	2	2½	8	—	44	12			79.5	35.00	8	—	44
Memphis, Tenn.	81.8	36.00	1½	2	1½	8	—	44	12	66	95.5	81.8	36.00	8	—	44
Milwaukee, Wis.	104.5	46.00	1½	2	2½	8	—	44	12	25	122.7	102.3	45.00	8	—	44
Minneapolis, Minn.	95.5	42.00	1½	2	2	8	—	44	12	40	102.3 to 125.0	95.5	42.00	8	—	44
Moline, Ill. (See Rock Island (Ill.) district.)																
Muskegon, Mich.	88.6	39.00	1½	2	2½	8	—	44	12							
Nashville, Tenn.	86.4	38.00	1½	2	2½	8	—	44	12	100	Average, 90.9	86.4	38.00	8	—	44
Newark, N. J.	127.3	56.00	1½	2	2½	8	—	44	12			125.0	55.00	8	—	44
New Haven, Conn.	86.4	38.00	1½	2	2½	8	—	44	12			86.4	38.00	8	—	44
New Orleans, La.	78.4	34.50	1½	1½	1½	8	—	44	12			78.4	34.50	8	—	44
New York, N. Y.	131.8	58.00	1½	2	2½	8	—	44	12			129.5	57.00	8	—	44
Hebrew text	152.5	61.00	1½	2	2½	8	—	40	12			150.0	60.00	8	—	40
Hungarian text	145.2	61.00	1½	2	2½	7½	—	42	12							
Italian text	131.0	55.00	1½	1½	1½	7½	—	42	12	13	178.6	126.2	53.00	7½	—	42
Norfolk (Va.) district	93.2	41.00	1½	1½	1½	8	—	44	12			93.2	41.00	8	—	44
Omaha, Nebr.	100.0	44.00	1½	1½	1½	8	—	44	12	8	108.0 to 113.6	100.0	44.00	8	—	44
Peoria, Ill.	100.0	44.00	1½	2	2	8	—	44	12			100.0	44.00	8	—	44
Philadelphia, Pa.	95.5	42.00	1½	2	2½	8	—	44	12	26	100.0 to 106.8	90.0	39.60	8	—	44
German text	106.3	42.50	1½	2	2	8	—	40	12			106.3	42.50	8	—	40
Pittsburgh, Pa.	106.8	47.00	1½	2	2½	8	—	44	12			104.5	46.00	8	—	44
Portland, Me.	77.3	34.00	1½	2	2½	8	—	44	12			77.3	34.00	8	—	44
Portland, Oreg.	105.7	46.50	1½	1½	1½	8	—	44	12			105.7	46.50	8	—	44
Providence, R. I.	90.9	40.00	1½	2	2	8	—	44	12	5	Up to 97.7	90.9	40.00	8	—	44

Reading, Pa.	95.5	42.00	11½	1½	1½	8	-4	-44	12			95.5	42.00	8	-4	-44
Rochester, N. Y.	104.6	46.00	11½	2	1½	8	-4	-44	12			102.3	45.00	8	-4	-44
Rock Island (Ill.) district	95.5	42.00	11½	2	2	8	-4	-44	12	13	100.0 to 113.6	92.0	40.50	8	-4	-44
Saginaw, Mich.	79.5	35.00	11½	2	2	8	-4	-44	12	100	86.4 to 98.2	79.5	35.00	8	-4	-44
St. Louis, Mo. ^a	103.0	45.32	11½	2	1½	8	-4	-44	12	9	108.0	103.0	45.32	8	-4	-44
St. Paul, Minn.	95.5	42.00	11½	1½	1½	8	-4	-44	12			95.5	42.00	8	-4	-44
San Francisco, Calif.	118.2	52.00	11½	2	1½	8	-4	-44	12			115.9	51.00	8	-4	-44
Scranton, Pa.	104.5	46.00	11½	2	1½	8	-4	-44	12			104.5	46.00	8	-4	-44
Proof readers	106.8	47.00	11½	2	1½	8	-4	-44	12			106.8	47.00	8	-4	-44
Seattle, Wash.	100.0	44.00	11½	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Spokane, Wash.	95.0	41.80	11½	1½	1½	8	-4	-44	12			95.0	41.80	8	-4	-44
Springfield, Mass.	90.9	40.00	11½	2	1½	8	-4	-44	12	81	93.2 to 102.3	90.9	40.00	8	-4	-44
Toledo, Ohio	105.7	46.50	11½	2	2	8	-4	-44	12			102.3	45.00	8	-4	-44
Washington, D. C.	104.5	46.00	11½	1½	1½	8	-4	-44	12			102.3	45.00	8	-4	-44
Wichita, Kans.	87.5	38.50	11½	1½	1½	8	-4	-44	12			87.5	38.50	8	-4	-44
Worcester, Mass.	89.8	39.50	11½	2	1½	8	-4	-44	12	58	95.5 to 102.3	89.8	39.50	8	-4	-44
York, Pa.	62.5	27.50	11½	2	1½	8	-4	-44	12			62.5	27.50	8	-4	-44
Youngstown, Ohio	103.4	45.50	11½	1½	1½	8	-4	-44	12			103.4	45.50	8	-4	-44

ELECTROTYPERS

Atlanta, Ga.	96.6	42.50	11½	2	1½	8	-4	-44	12	67	107.9	96.6	42.50	8	-4	-44
Birmingham, Ala.	105.7	46.50	11½	2	1½	8	-4	-44	12			105.7	46.50	8	-4	-44
Boston, Mass.:																
Builders and casters—																
Rate A	96.9	46.50	11½	2	1½	8½	-4½	-48	12	25		91.7	44.00	8½	-4½	-48
Rate B	97.7	43.00	11½	2	1½	8	-4	-44	12	25						
Finishers and molders—																
Rate A	104.1	50.00	11½	2	1½	8½	-4½	-48	12	25	Up to 135.4	99.0	47.50	8½	-4½	-48
Rate B	105.7	46.50	11½	2	1½	8	-4	-44	12	25	Up to 135.4					
Buffalo, N. Y.:																
Battery men and builders	93.8	45.00	11½	2	1½	8½	-4½	-48	12	48	100.0 to 112.5	89.6	43.00	8½	-4½	-48
Finishers and molders	97.9	47.00	11½	2	1½	8½	-4½	-48	12	55	104.2 to 125.0	93.8	45.00	8½	-4½	-48
Chicago, Ill.	150.0	66.00	11½	2	2	8	-4	-44	12			145.5	64.00	8	-4	-44
Cincinnati, Ohio:																
Benchmen and casters	91.7	44.00	11½	2	2	8	-8	-48				89.6	43.00	8	-8	-48
Finishers and molders	100.0	48.00	11½	2	2	8	-8	-48				97.9	47.00	8	-8	-48
Cleveland, Ohio:																
Battery men and builders	102.3	45.00	11½	2	1½	8	-4	-44	12			95.7	44.00	8½	-4½	-46
Finishers and molders	111.4	49.00	11½	2	1½	8	-4	-44	12			104.3	48.00	8½	-4½	-46
Columbus, Ohio:																
Battery men and builders	93.8	45.00	11½	2	1½	8½	-4½	-48	12			87.5	42.00	8½	-4½	-48
Finishers and molders	100.0	48.00	11½	2	1½	8½	-4½	-48	12			93.8	45.00	8½	-4½	-48
Dallas, Tex.	113.6	50.00	11½	2	1½	8	-4	-44	12			113.6	50.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio:																
Branchmen	93.8	45.00	11½	2	1½	8½	-4½	-48	12			93.8	45.00	8½	-4½	-48
Molders and finishers	102.1	49.00	11½	2	1½	8½	-4½	-48	12			102.1	49.00	8½	-4½	-48

^a For Saturday afternoon, 1½.^a For Saturday, 1½.^a Includes German text.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

ELECTROTYPERS—Continued

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Denver, Colo.	90.9	40.00	1½	2	" 2	8 -4 -44	12	60 113.6	90.9	40.00	8 -4 -44	
Des Moines, Iowa: Finishers and molders	102.3	45.00	1½	2	2	8 -4 -44	12	26 Not reported	102.3	45.00	8 -4 -44	
Detroit, Mich.	127.3	56.00	1½	2	" 2	8 -4 -44	12	75 Average, 134.1	125.0	55.00	8 -4 -44	
Grand Rapids, Mich.:												
Battery men and builders	72.9	35.00	1½	2	" 2	8¾ -4¾ -48	12	84 Up to 87.5	72.9	35.00	8 -8 -48	
Finishers and molders	87.5	42.00	1½	2	" 2	8¾ -4¾ -48	12	100 Up to 104.2	87.5	42.00	8 -8 -48	
Houston, Tex.	102.3	45.00	1½	1	" 1	8 -4 -44	12	100 125.0	102.3	45.00	8 -4 -44	
Indianapolis, Ind.	104.5	46.00	1½	2	2	8 -4 -44	12		100.0	44.00	8 -4 -44	
Kansas City, Mo.	109.1	48.00	1½	2	" 2	8 -4 -44	12		104.5	46.00	8 -4 -44	
Los Angeles, Calif.:												
Battery men and builders	113.6	50.00	1½	2	" 2	8 -4 -44	12		113.6	50.00	8 -4 -44	
Finishers and molders	113.6	50.00	1½	2	" 2	8 -4 -44	12	43 125.0 to 159.1	113.6	50.00	8 -4 -44	
Louisville, Ky.	102.3	45.00	1½	2	" 2	8 -4 -44	12		96.6	42.50	8 -4 -44	
Memphis, Tenn.	113.6	50.00	1½	2	" 2	8 -4 -44	12		113.6	50.00	8 -4 -44	
Milwaukee, Wis.	102.3	45.00	1½	2	2	8 -4 -44	12	89 106.8 to 113.6	93.8	45.00	8¾ -4¾ -48	
Minneapolis, Minn.	100.0	48.00	1½	2	" 2	8¾ -4¾ -48	12		97.9	47.00	8¾ -4¾ -48	
Moline, Ill. (See Rock Island (Ill.) district.)												
Newark, N. J.	145.5	64.00	1½	2	" 2	8 -4 -44	12		145.5	64.00	8 -4 -44	
New York, N. Y.	145.5	64.00	1½	2	" 2	8 -4 -44	12		145.5	64.00	8 -4 -44	
Omaha, Nebr.	102.3	45.00	1½	2	2	8 -4 -44	12		102.3	45.00	8 -4 -44	
Peoria, Ill.	113.6	50.00	1½	2	" 2	8 -4 -44	12	100 125.0				
Philadelphia, Pa.	131.8	58.00	1½	2	2	8 -4 -44	12	20 137.8	118.8	57.00	8¾ -4¾ -48	
Pittsburgh, Pa.:												
Battery men and builders	83.3	40.00	1½	2	2	8¾ -4¾ -48	12		83.3	40.00	8¾ -4¾ -48	
Finishers and molders	93.8	45.00	1½	2	2	8¾ -4¾ -48	12		93.8	45.00	8¾ -4¾ -48	
Portland, Ore.	119.3	52.50	1½	1½	1½	8 -4 -44	12		119.3	52.50	8 -4 -44	

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

MACHINE OPERATORS—Continued

City	May 15, 1930							May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars					
Little Rock, Ark.	94.3	41.50	1½	1½	2	8	4	12		92.0	40.50	8	4	44	
Los Angeles, Calif.	120.5	53.00	1½	2	2	8	4	12	21	125.0	120.5	53.00	8	4	44
Manchester, N. H.	79.5	35.00	1½	2	2	8	4	12		79.5	35.00	8	4	44	
Milwaukee, Wis.	104.5	46.00	1½	2	2	8	4	12	40	106.8 to 122.7	102.3	45.00	8	4	44
Minneapolis, Minn.	95.5	42.00	1½	2	2	8	4	12		95.5	42.00	8	4	44	
Moline, Ill. (See Rock Island (Ill.) district.)															
Nashville, Tenn.	86.4	38.00	1½	2	2	8	4	12	100	Average, 90.9	86.4	38.00	8	4	44
Newark, N. J.	127.3	56.00	1½	2	2	8	4	12		125.0	55.00	8	4	44	
New Haven, Conn.	86.4	38.00	1½	2	2	8	4	12		86.4	38.00	8	4	44	
New Orleans, La.	78.4	34.50	1½	1½	1½	8	4	12		78.4	34.50	8	4	44	
New York, N. Y.	131.8	58.00	1½	2	2	8	4	12		129.5	57.00	8	4	44	
Hebrew text.	200.0	72.00	1½	2	2	6	6	36		195.8	70.50	6	6	36	
Hungarian text.	145.2	61.00	1½	2	2	7½	4½	42							
Italian text.	131.0	55.00	1½	1½	1½	7½	4½	42	8	178.6	126.2	53.00	7½	4½	42
Norfolk (Va.) district.	93.2	41.00	1½	1½	1½	8	4	12		93.2	41.00	8	4	44	
Omaha, Nebr.	100.0	44.00	1½	1½	1½	8	4	12	25	108.0					
Peoria, Ill.	100.0	44.00	1½	2	2	8	4	12		100.0	44.00	8	4	44	
Philadelphia, Pa.	100.0	44.00	1½	2	2	8	4	12	60	Up to 125.0	94.1	41.42	8	4	44
German text.	106.3	42.50	1½	2	2	8	0	40		106.3	42.50	8	0	40	
Pittsburgh, Pa.	113.6	50.00	1½	2	2	8	4	12		111.4	49.00	8	4	44	
Monotype.	109.1	48.00	1½	2	2	8	4	12		106.8	47.00	8	4	44	
Portland, Me.	77.3	34.00	1½	2	2	8	4	12	33	90.9	77.3	34.00	8	4	44
Portland, Oreg.	114.8	50.50	1½	1½	1½	8	4	12		114.8	50.50	8	4	44	
Providence, R. I.	97.7	43.00	1½	2	2	8	4	12	36	Up to 102.3	97.7	43.00	8	4	44
Rochester, N. Y.	104.6	46.00	1½	2	2	8	4	12	17	118.1	102.3	45.00	8	4	44
Rock Island (Ill.) district.	95.5	42.00	1½	2	2	8	4	12		92.0	40.50	8	4	44	

Saginaw, Mich.	79.5	35.00	1 1/2	2	# 2	8	-	-44	12	100	86.4 to 98.2	79.5	35.00	8	-	-44
St. Louis, Mo.	111.0	48.84	1 1/2	2	2	8	-	-44	12	12	118.0	111.0	48.84	8	-	-44
St. Paul, Minn.	95.5	42.00	1 1/2	1 1/2	1 1/2	8	-	-44	12			95.5	42.00	8	-	-44
San Francisco, Calif.	118.2	52.00	1 1/2	2	# 2	8	-	-44	12			115.9	51.00	8	-	-44
Scranton, Pa.	104.5	46.00	1 1/2	2	# 2	8	-	-44	12			104.5	46.00	8	-	-44
Spokane, Wash.	95.0	41.80	1 1/2	1 1/2	1 1/2	8	-	-44	12							
Springfield, Mass.	90.9	40.00	1 1/2	2	# 2	8	-	-44	12	79	96.6 to 102.3	90.9	40.00	8	-	-44
Toledo, Ohio	110.0	48.40	1 1/2	2	# 2	8	-	-44	12			107.0	47.08	8	-	-44
Washington, D. C.	106.8	47.00	1 1/2	1 1/2	1 1/2	8	-	-44	12	19	Up to 125.0	104.5	46.00	8	-	-44
Wichita, Kans.	87.5	38.50	1 1/2	1 1/2	1 1/2	8	-	-44	12			87.5	38.50	8	-	-44
Worcester, Mass.	89.8	39.50	1 1/2	2	# 2	8	-	-44	12	50	97.7 to 102.3	89.8	39.50	8	-	-44
York, Pa.	62.5	27.50	1 1/2	2	# 2	8	-	-44	12			62.5	27.50	8	-	-44
Youngstown, Ohio	105.7	46.50	1 1/2	1 1/2	1 1/2	8	-	-44	12			105.7	46.50	8	-	-44

MACHINE TENDERS (MACHINISTS)

Baltimore, Md.	100.0	44.00	1 1/2	2	# 2	8	-	-44	12			90.9	40.00	8	-	-44
Birmingham, Ala.	92.5	40.70	1 1/2	1 1/2	# 2	8	-	-44	12	100	125.0	92.5	40.70	8	-	-44
Boston, Mass.	100.0	44.00	1 1/2	2	# 2	8	-	-44	12	100	Not reported	100.0	44.00	8	-	-44
Chicago, Ill.	132.7	58.40	1 1/2	2	2	8	-	-44	12			125.9	55.40	8	-	-44
Cleveland, Ohio	115.9	51.00	1 1/2	2	2	8	-	-44	12	15	Not reported	115.9	51.00	8	-	-44
Dallas, Tex.	106.8	47.00	1 1/2	2	# 2	8	-	-44	12			106.8	47.00	8	-	-44
Des Moines, Iowa	100.0	44.00	1 1/2	1 1/2	1 1/2	8	-	-44	12			100.0	44.00	8	-	-44
Detroit, Mich.	131.0	57.64	1 1/2	2	# 2	8	-	-44	12							
Houston, Tex.	104.5	46.00	1 1/2	2	# 2	8	-	-44	12							
Indianapolis, Ind.	111.4	49.00	1 1/2	2	# 2	8	-	-44	12							
Kansas City, Mo.	107.4	47.25	1 1/2	2	# 2	8	-	-44	12			106.8	47.00	8	-	-44
Los Angeles, Calif.	120.5	53.00	1 1/2	2	# 2	8	-	-44	12			107.4	47.25	8	-	-44
Milwaukee, Wis.	104.5	46.00	1 1/2	2	# 2	8	-	-44	12			120.5	53.00	8	-	-44
Nashville, Tenn.	102.3	45.00	1 1/2	2	# 2	8	-	-44	12			102.3	45.00	8	-	-44
Newark, N. J.	127.3	56.00	1 1/2	2	# 2	8	-	-44	12	100	Not reported	102.3	45.00	8	-	-44
New Orleans, La.	78.4	34.50	1 1/2	1 1/2	1 1/2	8	-	-44	12	100	131.8	125.0	55.00	8	-	-44
New York, N. Y.:												78.4	34.50	8	-	-44
1 to 4 machines	131.8	58.00	1 1/2	2	# 2	8	-	-44	12			129.5	57.00	8	-	-44
5 to 8 machines	135.2	59.50	1 1/2	2	# 2	8	-	-44	12			133.0	58.50	8	-	-44
9 to 12 machines	139.8	61.50	1 1/2	2	# 2	8	-	-44	12			137.5	60.50	8	-	-44
13 or more machines	142.0	62.50	1 1/2	2	# 2	8	-	-44	12			142.0	62.50	8	-	-44
Norfolk (Va.) district	93.2	41.00	1 1/2	1 1/2	1 1/2	8	-	-44	12							
San Francisco, Calif.	118.2	52.00	1 1/2	2	# 2	8	-	-44	12			115.9	51.00	8	-	-44
St. Louis, Mo.	111.0	48.84	1 1/2	2	# 2	8	-	-44	12	17	118.0	111.0	48.84	8	-	-44
Springfield, Mass.	90.9	40.00	1 1/2	2	# 2	8	-	-44	12	100	113.6	90.9	40.00	8	-	-44
Washington, D. C.	106.8	47.00	1 1/2	1 1/2	1 1/2	8	-	-44	12			104.5	46.00	8	-	-44
Wichita, Kans.	87.5	38.50	1 1/2	1 1/2	1 1/2	8	-	-44	12							

* For Saturday afternoon, 1 1/2.

* For Saturday afternoon, 1.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

MACHINIST OPERATORS

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Atlanta, Ga.	100.0	44.00	1½	2	2	8 -4 -44	12	100	Not reported	100.0	44.00	8 -4 -44
Birmingham, Ala.	98.8	43.45	1½	1½	2	8 -4 -44	12	100	Average, 105.0	97.5	42.90	8 -4 -44
Buffalo, N. Y.	122.7	54.00	1½	2	2	8 -4 -44	12			115.9	51.00	8 -4 -44
Butte, Mont.	103.4	45.50	1½	2	2	8 -4 -44	12			110.2	48.50	8 -4 -44
Charleston, S. C.	93.2	41.00	1½	1½	1½	8 -4 -44	12			93.2	41.00	8 -4 -44
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Denver, Colo.	108.5	47.75	1½	2	2	8 -4 -44	12			102.3	45.00	8 -4 -44
Detroit, Mich.	131.0	57.64	1½	2	2	8 -4 -44	12					
Erie, Pa.	100.0	44.00	1½	1½	1½	8 -4 -44	12			100.0	44.00	8 -4 -44
Houston, Tex.	104.5	46.00	1½	2	2	8 -4 -44	12			104.5	46.00	8 -4 -44
Indianapolis, Ind.	111.4	49.00	1½	2	2	8 -4 -44	12			106.8	47.00	8 -4 -44
Jacksonville, Fla.	98.9	43.50	1½	1½	1½	8 -4 -44	12			98.9	43.50	8 -4 -44
Kansas City, Mo.	107.4	47.25	1½	2	2	8 -4 -44	12			107.4	47.25	8 -4 -44
Little Rock, Ark.	98.9	43.50	1½	1½	2	8 -4 -44	12			98.9	43.50	8 -4 -44
Los Angeles, Calif.	120.5	53.00	1½	2	2	8 -4 -44	12			120.5	53.00	8 -4 -44
Louisville, Ky.	86.4	38.00	1½	2	2	8 -4 -44	12	100	Up to 97.7	86.4	38.00	8 -4 -44
Madison, Wis.	102.3	45.00	1½	1½	2	8 -4 -44	12	100	Up to 113.6	100.0	44.00	8 -4 -44
Manchester, N. H.	79.5	35.00	1½	2	2	8 -4 -44	12					
Memphis, Tenn.	81.8	36.00	1½	2	1½	8 -4 -44	12	72	95.5	81.8	36.00	8 -4 -44
Minneapolis, Minn.	102.3	45.00	1½	2	2	8 -4 -44	12			102.3	45.00	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	88.6	39.00	1½	2	2	8 -4 -44	12					
Nashville, Tenn.	86.4	38.00	1½	2	2	8 -4 -44	12	100	Average, 90.9	86.4	38.00	8 -4 -44
New Haven, Conn.	97.7	43.00	1½	2	2	8 -4 -44	12			97.7	43.00	8 -4 -44
New Orleans, La.	78.4	34.50	1½	1½	1½	8 -4 -44	12			78.4	34.50	8 -4 -44
Omaha, Nebr.	100.0	44.00	1½	1½	1½	8 -4 -44	12			100.0	44.00	8 -4 -44

Peoria, Ill.	100.0	44.00	1 1/2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Portland, Oreg.	114.8	50.50	1 1/2	2	2	8	-4	-44	12			114.8	50.50	8	-4	-44
Providence, R. I.	104.6	46.00	1 1/2	2	2	8	-4	-44	12			100.0	44.00	8	-4	-44
Rock Island (Ill.) district	100.0	44.00	1 1/2	2	2	8	-4	-44	12	17	104.5 to 113.6	96.6	42.50	8	-4	-44
St. Louis, Mo.	111.0	48.84	1 1/2	2	2	8	-4	-44	12							
St. Paul, Minn.	102.3	45.00	1 1/2	2	2	8	-4	-44	12			102.3	45.00	8	-4	-44
Saginaw, Mich.	79.5	35.00	1 1/2	2	2	8	-4	-44	12	100	Up to 102.3					
San Francisco, Calif.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			122.7	54.00	8	-4	-44
Scranton, Pa.	106.8	47.00	1 1/2	2	2	8	-4	-44	12			106.8	47.00	8	-4	-44
Seattle, Wash.	133.9	56.25	1 1/2	2	(M)	7	-7	-42	12			133.9	56.25	7	-7	-42
Spokane, Wash.	101.8	44.80	1 1/2	2	2	8	-4	-44	12			101.8	44.80	8	-4	-44
Springfield, Mass.	90.9	40.00	1 1/2	2	2	8	-4	-44	12	100	96.6 to 102.3	90.9	40.00	8	-4	-44
Washington, D. C.	106.8	47.00	1 1/2	2	2	8	-4	-44	12			104.5	46.00	8	-4	-44
Wichita, Kans.	94.3	41.50	1 1/2	2	2	8	-4	-44	12			94.3	41.50	8	-4	-44
Youngstown, Ohio.	112.5	49.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44

PHOTO-ENGRAVERS

Atlanta, Ga.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Baltimore, Md.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			120.5	53.00	8	-4	-44
Rotogravure	129.5	57.00	1 1/2	2	2	8	-4	-44	12			129.5	57.00	8	-4	-44
Birmingham, Ala.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Boston, Mass.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	79		125.0	55.00	8	-4	-44
Bridgeport, Conn.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Buffalo, N. Y.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	88	130.7 to 170.5	125.0	55.00	8	-4	-44
Chicago, Ill.	130.7	57.50	1 1/2	2	2	8	-4	-44	12	38	142.0 to 150.0	130.7	57.50	8	-4	-44
Rotogravure	130.7	57.50	1 1/2	2	2	8	-4	-44	12	40	142.0 to 153.4	130.7	57.50	8	-4	-44
Cincinnati, Ohio.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	30		125.0	55.00	8	-4	-44
Cleveland, Ohio.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Columbus, Ohio.	125.0	55.00	1 1/2	3	27	8	-4	-44	12			125.0	55.00	8	-4	-44
Dallas, Tex.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	72	Up to 181.8	125.0	55.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Detroit, Mich.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	90	Average, 143.2	125.0	55.00	8	-4	-44
Denver, Colo.	90.9	40.00	1 1/2	2	2	8	-4	-44	12	100	102.3 to 136.4	90.9	40.00	8	-4	-44
Des Moines, Iowa.	113.6	50.00	1 1/2	2	2	8	-4	-44	12	100	142.0					
Grand Rapids, Mich.	86.4	38.00	1 1/2	3	23	8	-4	-44	12	100	Average, 113.6					
Houston, Tex.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Indianapolis, Ind.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	53	136.4 to 170.5	125.0	55.00	8	-4	-44
Kansas City, Mo.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	40	Up to 148.0	125.0	55.00	8	-4	-44
Los Angeles, Calif.	125.0	55.00	1 1/2	2	2	8	-4	-44	12	100	144.8	125.0	55.00	8	-4	-44
Memphis, Tenn.	125.0	55.00	1 1/2	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
Milwaukee, Wis.	127.3	56.00	1 1/2	2	2	8	-4	-44	12	94	Average, 143.2	127.3	56.00	8	-4	-44
Minneapolis, Minn.	113.6	50.00	1 1/2	2	2	8	-4	-44	12	88	Not reported	109.1	48.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																

* For Saturday afternoon, 1 1/2.

* For Saturday afternoon, 1.

* Plus \$1 per week for each additional machine tended.]

* Full day's pay for 5 hours.

* Permissible to complete 44 hour schedule in 5 days.

* 40 hours per week and same pay July, August, and September.

* For Saturday afternoon, 2.

* 40 hours per week and same pay July and August.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PHOTO-ENGRAVERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Average 142.0..	Cents	Dollars	
Nashville, Tenn.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12	100		125.0	55.00	8 -4 -44
Newark, N. J.....	143.2	63.00	1 1/2	3	2	8 -4 -44	12			143.2	63.00	8 -4 -44
New Haven, Conn.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
New Orleans, La.....	118.2	52.00	1 1/2	2	2	8 -4 -44	12	50	Up to 136.4..	108.0	47.50	8 -4 -44
New York, N. Y.....	143.2	63.00	1 1/2	3	2	8 -4 -44	12	14	Not reported.	143.2	63.00	8 -4 -44
Omaha, Nebr.....	125.0	50.00	1 1/2	2	2	8 -0 -40	12	59	Average, 150.0..	113.6	50.00	8 -4 -44
Philadelphia, Pa.....	136.4	60.00	1 1/2	2	2	8 -4 -44	12			136.4	60.00	8 -4 -44
Pittsburgh, Pa.....	125.0	50.00	1 1/2	3	2	8 -0 -40	12			125.0	55.00	8 -4 -44
Portland, Oreg.....	136.4	60.00	1 1/2	2	2	8 -4 -44	12			130.7	57.50	8 -4 -44
Providence, R. I.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12	19	125.0 to 135.9..	125.0	55.00	8 -4 -44
Richmond, Va.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Rochester, N. Y.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12	48	137.5..	125.0	55.00	8 -4 -44
Rock Island (Ill.) district.....	127.3	56.00	1 1/2	2	2	8 -4 -44	12	100	143.2..	127.3	56.00	8 -4 -44
St. Louis, Mo.....	127.3	56.00	1 1/2	2	2	8 -4 -44	12	95	140.9..	127.3	56.00	8 -4 -44
Rotogravure.....	131.8	58.00	1 1/2	2	2	8 -4 -44	12			131.8	58.00	8 -4 -44
St. Paul, Minn.....	113.6	50.00	1 1/2	2	2	8 -4 -44	12	90		109.1	48.00	8 -4 -44
Salt Lake City, Utah.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12	50	127.3 to 131.8..	125.0	55.00	8 -4 -44
San Francisco, Calif.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12	100		125.0	55.00	8 -4 -44
Scranton, Pa.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12			119.3	52.50	8 -4 -44
Seattle, Wash.....	136.3	60.00	1 1/2	2	2	8 -4 -44	12			130.7	57.50	8 -4 -44
Springfield, Mass.....	113.6	50.00	1 1/2	2	2	8 -4 -44	12	79	125.0 to 147.7..	113.6	50.00	8 -4 -44
Toledo, Ohio.....	125.0	55.00	1 1/2	3	2	8 -4 -44	12	100		125.0	55.00	8 -4 -44
Washington, D. C.....	127.3	56.00	1 1/2	2	2	8 -4 -44	12	70	138.6..	127.3	56.00	8 -4 -44
Wichita, Kans.....	125.0	55.00	1 1/2	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Youngstown, Ohio.....	125.0	55.00	1 1/2	3	3	8 -4 -44	12			125.0	55.00	8 -4 -44

PRESS ASSISTANTS AND FEEDERS

Atlanta, Ga.: Assistants.....	65.9	29.00	1½	2	4 2	8	-4	-44	12	38	72.7.....	65.9	29.00	8	-4	-44
Feeders, cylinder presses— Male.....	56.8	25.00	1½	2	4 2	8	-4	-44	12	80	68.1.....	56.8	25.00	8	-4	-44
Female.....	53.4	23.50	1½	2	4 2	8	-4	-44	12	57	56.8 to 68.2.....	53.4	23.50	8	-4	-44
Feeders, platen presses.....	53.4	23.50	1½	2	4 2	8	-4	-44	12	17	56.8.....	53.4	23.50	8	-4	-44
Baltimore, Md.: Cylinder presses.....	68.2	30.00	1½	2	4 2	8	-4	-44	12	—	—	68.2	30.00	8	-4	-44
Job presses.....	50.0	22.00	1½	2	4 2	8	-4	-44	12	—	—	—	—	—	—	—
Birmingham, Ala.: Cylinder presses.....	60.2	26.50	1½	2	2	8	-4	-44	12	—	—	60.2	26.50	8	-4	-44
Platen presses.....	44.3	19.50	1½	2	2	8	-4	-44	12	—	—	44.3	19.50	8	-4	-44
Boston, Mass.: Assistants or feeders on 2-color perfecting cylinder presses.....	87.5	38.50	1½	2	4 2	8	-4	-44	12	—	—	87.5	38.50	8	-4	-44
Assistants, rotary and magazine presses, or 2-sheet feed rotary presses.....	89.8	39.50	1½	2	4 2	8	-4	-44	12	—	—	89.8	39.50	8	-4	-44
Feeders, cylinder presses.....	85.2	37.50	1½	2	4 2	8	-4	-44	12	—	—	85.2	37.50	8	-4	-44
Bridgeport, Conn.: Assistants, cylinder or job.....	63.6	28.00	1½	2	4 2	8	-4	-44	12	—	—	63.6	28.00	8	-4	-44
Feeders, cylinder presses.....	59.1	26.00	1½	2	4 2	8	-4	-44	12	—	—	63.6	28.00	8	-4	-44
Feeders, platen presses.....	52.3	23.00	1½	2	4 2	8	-4	-44	12	—	—	56.8	25.00	8	-4	-44
Buffalo, N. Y.: Feeders, cylinder or automatic presses.....	68.2	30.00	1½	2	4 2	8	-4	-44	12	50	72.7 to 79.5.....	68.2	30.00	8	-4	-44
Feeders, platen presses.....	47.7	21.00	1½	2	4 2	8	-4	-44	12	83	54.5 to 63.6.....	47.7	21.00	8	-4	-44
Butte, Mont.: Feeders, cylinder presses, rate A.....	53.4	23.50	1½	2	2	8	-4	-44	12	—	—	53.4	23.50	8	-4	-44
Feeders, cylinder presses, rate B.....	47.7	21.00	1½	2	2	8	-4	-44	12	—	—	47.7	21.00	8	-4	-44
Feeders, platen presses.....	37.5	16.50	1½	2	2	8	-4	-44	12	—	—	37.5	16.50	8	-4	-44
Chicago, Ill.: Assistants, single rotary presses; Cox duplex and Goss Comet, flat-bed presses; automatic or sheet- feed presses; U. P. M. presses, single attach- ments; feeders, 2-color presses or folding ma- chine.....	100.6	44.25	1½	2	2	8	-4	-44	12	32	107.4 to 134.7...	100.6	44.25	8	-4	-44
Assistants, oiler or utility on 2-roll rotary or Mc- Kee 4-color press or separating machine.....	104.0	45.75	1½	2	2	8	-4	-44	12	21	110.8 to 138.1...	104.0	45.75	8	-4	-44
Tubular rotary presses, single deck; tension men, 2-roll rotary.....	107.4	47.25	1½	2	2	8	-4	-44	12	70	118.8 to 143.8...	107.4	47.25	8	-4	-44
Assistants, rotary 2-deck.....	102.8	45.25	1½	2	2	8	-4	-44	12	—	—	—	—	—	—	—
Feeders— Operating 2 folding machines.....	106.3	46.75	1½	2	2	8	-4	-44	12	65	117.6 to 142.7...	106.3	46.75	8	-4	-44
Operating 3 folding machines.....	113.1	49.75	1½	2	2	8	-4	-44	12	45	124.4 to 154.0...	113.1	49.75	8	-4	-44
1 double impression, 2 sheets, to 1 cylinder, 1 or 2 colors.....	105.1	46.25	1½	2	2	8	-4	-44	12	75	118.7 to 132.4...	105.1	46.25	8	-4	-44
Cylinder presses, less than 25 by 38 inches.....	64.9	28.55	1½	2	2	8	-4	-44	12	45	71.7 to 87.6.....	64.9	28.55	8	-4	-44

²⁴ For Saturday afternoon, 1½.

⁴⁶ 40 hours per week and same pay July, August, and September.

57 For Saturday afternoon, 2.

⁵⁸ 40 hours per week and same pay July and August.

⁵⁹ For Saturday afternoon, 1½; for July 4 and Christmas, 3.

40 hours per week and same pay June to August.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB

PRESS ASSISTANTS AND FEEDERS—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars					
Chicago, Ill.—Continued.																
Cylinder presses 25 by 38 inches and over, or coupon presses.....	98.3	43.25	1 1/2	2	2	8	-4	-44	12	60	107.4 to 132.4...	98.3	43.25	8	-4	-44
Assistants, platen presses.....	71.7	31.55	1 1/2	2	2	8	-4	-44	12	---	---	71.7	31.55	8	-4	-44
Feeders, platen presses.....	61.5	27.05	1 1/2	2	2	8	-4	-44	12	50	68.3 to 84.2	61.5	27.05	8	-4	-44
Feeders, Colt's Armory and Universal presses.....	62.6	27.55	1 1/2	2	2	8	-4	-44	12	70	71.7 to 89.9	62.6	27.55	8	-4	-44
Cincinnati, Ohio:																
Cylinder presses.....	83.5	36.75	1 1/2	2	2 1/2	8	-4	-44	12	---	---	80.1	35.25	8	-4	-44
Large 2-color presses.....	85.8	37.75	1 1/2	2	2 1/2	8	-4	-44	12	---	---	82.4	36.25	8	-4	-44
Rotary presses, first assistants.....	94.9	41.75	1 1/2	2	2 1/2	8	-4	-44	12	---	---	91.5	40.25	8	-4	-44
Rotary presses, second assistants.....	90.3	39.75	1 1/2	2	2 1/2	8	-4	-44	12	---	---	86.9	38.25	8	-4	-44
Automatic tenders and helpers.....	90.3	39.75	1 1/2	2	2 1/2	8	-4	-44	12	---	---	86.9	38.25	8	-4	-44
Cleveland, Ohio:																
Feeders, Colt's Armory presses.....	70.5	31.00	1 1/2	2	2	8	-4	-44	12	---	---	70.5	31.00	8	-4	-44
Feeders, cylinder presses.....	85.8	37.75	1 1/2	2	2	8	-4	-44	12	---	---	85.8	37.75	8	-4	-44
Feeders, platen presses.....	67.0	29.50	1 1/2	2	2	8	-4	-44	12	---	---	67.0	29.50	8	-4	-44
Columbus, Ohio:																
Cylinder presses.....	86.4	38.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12	---	---	86.4	38.00	8	-4	-44
Dallas, Tex.: Cylinder presses.....	59.1	26.00	1 1/2	2	2 1/2	8	-4	-44	12	---	---	59.1	26.00	8	-4	-44
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio: Feeders, cylinder presses, male.....	70.0	30.80	1 1/2	2	2 1/2	8	-4	-44	12	---	---	65.0	28.60	8	-4	-44
Denver, Colo.:																
Platen presses.....	40.9	18.00	1 1/2	2	2 1/2	8	-4	-44	12	---	---	40.9	18.00	8	-4	-44
Feeders, flat-bed presses.....	83.0	36.50	1 1/2	2	2 1/2	8	-4	-44	12	---	---	---	---	---	---	---
Feeders, cylinder presses.....	86.4	38.00	1 1/2	2	2 1/2	8	-4	-44	12	---	---	79.5	35.00	8	-4	-44
Des Moines, Iowa:																
Assistants, platen presses.....	59.1	26.00	1 1/2	2	2	8	-4	-44	12	---	---	59.1	26.00	8	-4	-44
Assistants, rotary presses, or feeders, cylinder presses.....	78.4	34.50	1 1/2	2	2	8	-4	-44	12	---	---	78.4	34.50	8	-4	-44

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESS ASSISTANTS AND FEEDERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Milwaukee, Wis.—Continued.												
Folder operators—			Regular rate multiplied by—					Cents per hour				
1 folder—	Cents	Dollars							Cents	Dollars		
Rate A.....	83.0	39.84	1½	2	" 2	8¼-4¼-48	12	100	89.8	83.0	39.84	8¼-4¼-48
Rate B.....	85.4	37.50	1½	2	" 2	8 -4 -44	12	100	93.4			
2 folders—												
Rate A.....	89.0	42.72	1½	2	" 2	8¼-4¼-48	12	100	96.6	89.0	42.72	8¼-4¼-48
Rate B.....	92.0	40.50	1½	2	" 2	8 -4 -44	12	100	99.4			
Minneapolis, Minn.:												
Feeders, cylinder presses.....	75.0	33.00	1½	2	" 2	8 -4 -44	12	36	75.0 to 84.1	75.0	33.00	8 -4 -44
Feeders, platen presses.....	45.0	19.80	1½	2	" 2	8 -4 -44	12	40	51.8 to 59.1	45.0	19.80	8 -4 -44
Moline, Ill. (See Rock Island (Ill.) district.)												
Nashville, Tenn.: Feeders, cylinder presses, female	47.9	23.00	1½	2	2	8¼-4¼-48	12			47.9	23.00	8¼-4¼-48
Newark, N. J.:												
Feeders, cylinder presses; or operators, mechanical feeder.	101.1	44.50	1½	2	" 2	8 -4 -44	12			98.9	43.50	8 -4 -44
Feeders, platen presses.....	70.5	31.00	1½	2	" 2	8 -4 -44	12			68.2	30.00	8 -4 -44
Feeders, 2-color presses or special Kidder press.....	108.0	47.50	1½	2	" 2	8 -4 -44	12					
Feeders, 3-color Sterling press.....	110.2	48.50	1½	2	" 2	8 -4 -44	12					
New Orleans, La.....	62.5	27.50	1½	1½	1½	8 -4 -44	12	100	68.2	62.5	27.50	8 -4 -44
New York, N. Y.:												
Assistants, automatic job cylinder presses (not over 17 by 22 inches).	75.0	33.00	1½	2	" 2	8 -4 -44	12			72.7	32.00	8 -4 -44
Assistants, 2 automatic job cylinder presses (over 22 and up to and including 29 inches).	81.8	36.00	1½	2	" 2	8 -4 -44	12			79.5	35.00	8 -4 -44
Assistants, McKee process presses—												
First position.....	118.2	52.00	1½	2	" 2	8 -4 -44	12			115.9	51.00	8 -4 -44
Second position.....	109.1	48.00	1½	2	" 2	8 -4 -44	12			106.8	47.00	8 -4 -44

Assistants, perfecting or 2-color cylinder presses or sheet-feed rotary presses.	112.5	49.50	1 1/2	2	2	8	-4	-44	12			110.2	48.50	8	-4	-44
Feeders, cylinder presses.	105.7	46.50	1 1/2	2	2	8	-4	-44	12			103.4	45.50	8	-4	-44
Oilers and utility men.	108.0	47.50	1 1/2	2	2	8	-4	-44	12			105.7	46.50	8	-4	-44
Operators, 1 pile feeder and 1 automatic job cylinder 29 inches or less, or 2-pile feeders 29 by 42 inches.	114.8	50.50	1 1/2	2	2	8	-4	-44	12			112.5	49.50	8	-4	-44
Omaha, Nebr.: Feeders, cylinder presses.	68.2	30.00	1 1/2	2	2	8	-4	-44	12	11	Average, 85.2...	68.2	30.00	8	-4	-44
Peoria, Ill.: Feeders, cylinder presses.	79.6	35.02	1 1/2	2	2	8	-4	-44	12			79.6	35.02	8	-4	-44
Feeders, platen presses.	58.8	25.85	1 1/2	2	2	8	-4	-44	12			58.8	25.85	8	-4	-44
Philadelphia, Pa.: Competitive offices—																
Assistants, rotary presses.	95.5	42.00	1 1/2	2	2	8	-4	-44	12			90.9	40.00	8	-4	-44
Feeders, cylinder presses—																
Union A.	84.1	37.00	1 1/2	2	2	8	-4	-44	12	11		79.5	35.00	8	-4	-44
Union B, male.	75.0	36.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12			72.9	35.00	8 1/2	-4 1/2	-48
Union B, female.	62.5	30.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12			60.4	29.00	8 1/2	-4 1/2	-48
Pittsburgh, Pa.: Feeders, cylinder presses, or folders—																
Male.	72.7	32.00	1 1/2	2	2	8	-4	-44	12			72.7	32.00	8	-4	-44
Female.	61.4	27.00	1 1/2	2	2	8	-4	-44	12			61.4	27.00	8	-4	-44
Feeders, platen presses—																
Male.	59.1	26.00	1 1/2	2	2	8	-4	-44	12			59.1	26.00	8	-4	-44
Female.	52.3	23.00	1 1/2	2	2	8	-4	-44	12			52.3	23.00	8	-4	-44
Portland, Oreg.: Feeders, cylinder presses.	69.3	30.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12			69.3	30.50	8	-4	-44
Feeders, platen presses.	56.8	25.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12			56.8	25.00	8	-4	-44
Providence, R. I.: Feeders, platen presses.	65.9	29.00	1 1/2	2	2	8	-4	-44	12			65.9	29.00	8	-4	-44
Reading, Pa.: Assistants, automatic-feed cylinder presses.	85.0	37.40	1 1/2	2	2	8	-4	-44	12			85.0	37.40	8	-4	-44
Feeders, cylinder presses.	69.0	30.36	1 1/2	2	2	8	-4	-44	12			69.0	30.36	8	-4	-44
Feeders, platen presses.	57.0	25.08	1 1/2	2	2	8	-4	-44	12			57.0	25.08	8	-4	-44
Rochester, N. Y.: Feeders, cylinder presses.	75.0	33.00	1 1/2	2	2	8	-4	-44	12	33	76.1	75.0	33.00	8	-4	-44
Feeders, platen presses.	65.0	28.60	1 1/2	2	2	8	-4	-44	12			65.0	28.60	8	-4	-44
Rock Island (Ill.) district: Feeders, cylinder presses.	79.5	35.00	1 1/2	2	2	8	-4	-44	12			80.7	35.50	8	-4	-44
Feeders, platen presses.	53.4	23.50	1 1/2	2	2	8	-4	-44	12							
St. Louis, Mo.: Assistants, rotary web presses.	97.5	42.92	1 1/2	2	2	8	-4	-44	12			97.5	42.92	8	-4	-44
Feeders, cylinder presses less than 24 by 36 inches and larger than 19 by 23 inches.	68.3	30.5	1 1/2	2	2	8	-4	-44	12			68.3	30.05	8	-4	-44
Feeders, cylinder presses 24 by 39 inches and larger, or folding machines and lithographic presses.	82.5	36.32	1 1/2	2	2	8	-4	-44	12			82.5	36.32	8	-4	-44
Platen-press feeders and attending automatic sheet-feed job presses.	47.2	20.75	1 1/2	2	2	8	-4	-44	12			47.2	20.75	8	-4	-44

* For Saturday afternoon, 1 1/2.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESS ASSISTANTS AND FEEDERS—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
St. Paul, Minn.:									Up to 84.1.....			
Feeders and assistants, cylinder presses.....	75.0	33.00	1 1/2	2	1/2	8 -4 -44	12	40	Up to 84.1.....	75.0	33.00	8 -4 -44
Feeders, platen presses.....	45.0	19.80	1 1/2	2	1/2	8 -4 -44	12	37	Not reported..	45.0	19.80	8 -4 -44
San Francisco, Calif.:												
Feeders, cylinder presses—												
Male.....	81.8	36.00	1 1/2	1 1/2	1 1/2	8 -4 -44	12			81.8	36.00	8 -4 -44
Female.....	75.0	33.00	1 1/2	1 1/2	1 1/2	8 -4 -44	12			75.0	33.00	8 -4 -44
Feeders, platen presses.....	61.4	27.00	1 1/2	1 1/2	1 1/2	8 -4 -44	12			61.4	27.00	8 -4 -44
Scranton, Pa.:												
Feeders, cylinder presses.....	70.5	31.00	1 1/2	2	1/2	8 -4 -44	12			70.5	31.00	8 -4 -44
Feeders, platen presses.....	50.0	22.00	1 1/2	2	1/2	8 -4 -44	12			50.0	22.00	8 -4 -44
Seattle, Wash.:												
Feeders, cylinder presses.....	71.6	31.50	1 1/2	1 1/2	1 1/2	8 -4 -44	12			68.2	30.00	8 -4 -44
Feeders, platen presses.....	60.2	26.50	1 1/2	1 1/2	1 1/2	8 -4 -44	12			56.8	25.00	8 -4 -44
Spokane, Wash.:												
Feeders, cylinder presses.....	71.8	31.60	1 1/2	2	1/2	8 -4 -44	12			71.8	31.60	8 -4 -44
Feeders, platen presses.....	59.8	26.30	1 1/2	2	1/2	8 -4 -44	12			59.8	26.30	8 -4 -44
Springfield, Mass.:												
Assistants, automatic-feed cylinder presses.....	68.2	30.00	1 1/2	2	1/2	8 -4 -44	12			68.2	30.00	8 -4 -44
Feeders, cylinder presses—												
Male.....	68.2	30.00	1 1/2	2	1/2	8 -4 -44	12			68.2	30.00	8 -4 -44
Female.....	54.5	24.00	1 1/2	2	1/2	8 -4 -44	12	100	56.8.....	54.5	24.00	8 -4 -44
Feeders, platen presses.....	52.3	23.00	1 1/2	2	1/2	8 -4 -44	12	100	59.1 to 68.2.....	52.3	23.00	8 -4 -44
Toledo, Ohio: Assistants.....	77.3	34.00	1 1/2	2	2	8 -4 -44	12			77.3	34.00	8 -4 -44
Washington, D. C.:												
Assistants, flat-bed or rotary presses.....	80.7	35.50	1 1/2	1 1/2	1 1/2	8 -4 -44	12			80.7	35.50	8 -4 -44
Feeders, platen presses.....	55.7	24.50	1 1/2	1 1/2	1 1/2	8 -4 -44	12			55.7	24.50	8 -4 -44

Feeders, 2-color presses.....	81.8	36.00	1 3/4	1 3/4	1 3/4	8	-	-44	12			81.8	36.00	8	-	-44
U. P. M. presses.....	90.9	40.00	1 3/4	1 3/4	1 3/4	8	-	-44	12			90.9	40.00	8	-	-44
Worcester, Mass.:.....																
Feeders, cylinder presses.....	68.2	30.00	1 3/4	2	2	8	-	-44	12			68.2	30.00	8	-	-44
Feeders, platen presses.....	54.5	24.00	1 3/4	2	2	8	-	-44	12			54.5	24.00	8	-	-44

PRESSMEN, CYLINDER

Atlanta, Ga.:.....																
1 press.....	83.0	36.50	1 3/4	2	2	8	-	-44	12	76	86.4 to 90.9.....	83.0	36.50	8	-	-44
2 presses.....	90.9	40.00	1 3/4	2	2	8	-	-44	12	65	102.3.....	90.9	40.00	8	-	-44
Baltimore, Md.:.....	90.9	40.00	1 3/4	2	2	8	-	-44	12			88.6	39.00	8	-	-44
Birmingham, Ala.:.....																
In charge.....	108.0	47.50	1 3/4	2	2	8	-	-44	12			108.0	47.50	8	-	-44
Journeyman.....	89.8	39.50	1 3/4	2	2	8	-	-44	12			89.8	39.50	8	-	-44
Harris automatic presses.....	90.9	40.00	1 3/4	2	2	8	-	-44	12			90.9	40.00	8	-	-44
Rotary presses.....	96.6	42.50	1 3/4	2	2	8	-	-44	12			96.6	42.50	8	-	-44
Boston, Mass.:.....	98.9	43.50	1 3/4	2	2	8	-	-44	12	84	Up to 134.1.....	98.9	43.50	8	-	-44
Bridgeport, Conn.:.....	95.5	42.00	1 3/4	2	2	8	-	-44	12			95.5	42.00	8	-	-44
Buffalo, N. Y.:.....	90.9	40.00	1 3/4	2	2	8	-	-44	12	75	102.3.....	90.9	40.00	8	-	-44
Butte, Mont.:.....	98.9	43.50	1 3/4	2	2	8	-	-44	12			98.9	43.50	8	-	-44
Chicago, Ill.:.....																
Journeyman, on 2 single Harris, Kelly, Kidder, Miehle vertical, or Osterlind presses.....	115.9	51.00	1 3/4	2	2	8	-	-44	12	59	129.5 to 131.8.....	115.9	51.00	8	-	-44
1 roll, 80-page Goss rotary, 2 colors, or one 2-color rotary web, second man.....	120.5	53.00	1 3/4	2	2	8	-	-44	12	60	Average 136.4.....	120.5	53.00	8	-	-44
One 2-roll double deck, 4-plate, 4-packing cylinder, 64-page catalogue rotary, 46 inches or under, or one Meisel press operator.....	136.4	60.00	1 3/4	2	2	8	-	-44	12	60	156.8 to 159.1.....	136.4	60.00	8	-	-44
One 2-roll double deck, 4-plate, 4-packing cylinder, 64-page catalogue rotary, 46 inches or under, second position.....	122.7	54.00	1 3/4	2	2	8	-	-44	12	60	Average, 138.6.....	122.7	54.00	8	-	-44
One 2-color rotary, over 57 inches, first position; or 1-roll Hoe rotary magazine press with stitcher and automatic feeder, first position; or one 2-roll 96-page catalogue rotary; or one 4-color rotary sheet feed; or one 2-roll double-deck, 64 page mag- azine rotary, with stitcher attachment.....	140.9	62.00	1 3/4	2	2	8	-	-44	12	63	Average 163.6.....	140.9	62.00	8	-	-44
1 U. P. M., 104-inch rotary, first position.....	142.0	62.50	1 3/4	2	2	8	-	-44	12	100	Average 164.8.....	142.0	62.50	8	-	-44
1 U. P. M., rotary 68 inches and under, or 104- inch rotary, second position, or one 3-color.....	130.7	57.50	1 3/4	2	2	8	-	-44	12	71	148.9 to 153.4.....	130.7	57.50	8	-	-44
1 single-roll rotary web press, 46 inches or under....	121.6	53.50	1 3/4	2	2	8	-	-44	12	55	Average 137.5.....	121.6	53.50	8	-	-44
1 roll, 80-page Goss rotary, 2 colors.....	128.4	56.50	1 3/4	2	2	8	-	-44	12	60	Average 146.6.....	128.4	56.50	8	-	-44
1 tubular duplex rotary.....	131.8	58.00	1 3/4	2	2	8	-	-44	12	59	Average 152.3.....	131.8	58.00	8	-	-44
1 Standard auto press or 1 Kidder ticket press.....	106.8	47.00	1 3/4	2	2	8	-	-44	12	63	Average 120.5.....					
1 cylinder press not larger than 25 by 38 inches, bed movement, and not more than 3 job presses.....	109.1	48.00	1 3/4	2	2	8	-	-44	12	63	Average 122.7.....	109.1	48.00	8	-	-44

* For Saturday afternoon, 1 3/4.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESSMEN, CYLINDER—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Chicago Ill.—Continued.	Cents 127.3	Dollars 56.00	Regular rate multiplied by— 1½ 2 2			8 -4 -44	12	63	Cents per hour 143.2 to 147.7...	Cents 127.3	Dollars 56.00	8 -4 -44
One 2-roll, 96-page, catalogue rotary, second position; or one 2-color rotary web; or one 2-color Hoe rotary over 57 inches, second position; one 2-roll double-deck, 64 page magazine rotary, with stitcher attachment, second position; 1-roll Hoe rotary magazine press, with stitcher and automatic feeder, second position.												
1 Cox or Hoe duplex; Goss flat-bed; 1 double-cylinder flat-bed, 2-color press, or 3-color process work, or 1 cylinder press with Upham attachment.	123.9	54.50	1½	2	2	8 -4 -44	12	58	137.5 to 139.8....	123.9	54.50	8 -4 -44
Foremen, over 3 and up to 6 cylinder presses.....	125.0	55.00	1½	2	2	8 -4 -44	12	61	Average, 143.2...	125.0	55.00	8 -4 -44
Foremen, 7 or more cylinder presses or 1 Warnock press.	129.5	57.00	1½	2	2	8 -4 -44	12	61	147.7 to 150.0....	129.5	57.00	8 -4 -44
Cincinnati, Ohio:												
1 or 2 single-color presses up to 68 inches, or 1 single-color press over 68 inches.	103.4	45.50	1½	2	2	8 -4 -44	12	-----	-----	100.0	44.00	8 -4 -44
2-color flat-bed presses.....	107.4	47.25	1½	2	*2	8 -4 -44	12	-----	-----	104.0	45.75	8 -4 -44
3 or 4 bag presses (inside blanket).....	104.5	46.00	1½	2	*2	8 -4 -44	12	-----	-----	101.1	44.50	8 -4 -44
3-color or 4-color rotary presses.....	113.1	49.75	1½	2	*2	8 -4 -44	12	-----	-----	109.7	48.25	8 -4 -44
Web presses, single sheet.....	110.2	48.50	1½	2	*2	8 -4 -44	12	-----	-----	106.8	47.00	8 -4 -44
Cleveland, Ohio:												
1 or 2 presses.....	108.5	47.75	1½	2	2	8 -4 -44	12	-----	-----	108.5	47.75	8 -4 -44
Flat or semirotary presses.....	113.6	50.00	1½	2	2	8 -4 -44	12	-----	-----	113.6	50.00	8 -4 -44
Columbus, Ohio.....	106.8	47.00	1½	1½	1½	8 -4 -44	12	-----	-----	106.8	47.00	8 -4 -44
Dallas, Tex.....	88.6	39.00	1½	2	*2	8 -4 -44	12	-----	-----	88.6	39.00	8 -4 -44
In charge.....	111.4	49.00	1½	2	*2	8 -4 -44	12	-----	-----	111.4	49.00	8 -4 -44

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESSMEN, CYLINDER—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
Louisville, Ky.:			1½	2	¾	8¼-4¼-48	12			93.8	45.00	8¼-4¼-48
Foremen.....	93.8	45.00	1½	2	¾	8¼-4¼-48	12	100	Up to 83.3	77.1	37.00	8¼-4¼-48
Automatic or 1 or 2 presses.....	77.1	37.00	1½	2	¾	8¼-4¼-48	12			68.8	33.00	8¼-4¼-48
Kelly press.....	68.8	33.00	1½	2	¾	8¼-4¼-48	12			72.9	35.00	8¼-4¼-48
2 Kelly presses.....	72.9	35.00	1½	2	¾	8-4-44	12					
Manchester, N. H.	81.8	36.00	1½	2	¾	8-4-44	12			77.3	34.00	8-4-44
Automatic presses.....	77.3	34.00	1½	2	¾							
Memphis, Tenn.:			1½	2	1½	8-4-44	12	100	102.3	90.9	40.00	8-4-44
Foremen in charge.....	90.9	40.00	1½	2	1½	8-4-44	12	100	90.9	79.5	35.00	8-4-44
Journeyman.....	79.5	35.00	1½	2	¾	8¼-4¼-48	12	53	Up to 108.3	96.0	46.08	8¼-4¼-48
Milwaukee, Wis.	96.0	46.08	1½	2	¾							
2 presses—			1½	2	¾	8-4-44	12	68	Up to 102.3	97.7	43.00	8-4-44
A.....	97.7	43.00	1½	2	¾	8¼-4¼-48	12	68	Up to 100.0			
B.....	96.8	46.08	1½	2	¾							
Rotary presses, 3 or more colors—												
A.....	112.5	49.50	1½	2	¾	8-4-44	12	30	117.0			
B.....	108.0	51.84	1½	2	¾	8¼-4¼-48	12	30	114.8			
Minneapolis, Minn.:			1½	2	¾							
2 presses.....	95.5	42.00	1½	2	¾	8-4-44	12			95.5	42.00	8-4-44
3 presses.....	105.0	46.20	1½	2	¾	8-4-44	12			105.0	46.20	8-4-44
4 or more presses.....	108.0	47.50	1½	2	¾	8-4-44	12			108.0	47.50	8-4-44
Moline, Ill. (See Rock Island (Ill.) district.)												
Nashville, Tenn.	79.2	38.00	1½	2	2	8¼-4¼-48	12			79.2	38.00	8¼-4¼-48
Newark, N. J.:			1½	2	¾							
1 or 2 presses, 65 inches and under, and Kelly vertical.	127.3	56.00	1½	2	¾	8-4-44	12			122.7	54.00	8-4-44
1 press over 65 inches, or one 2-color press not over 65 inches.	131.8	58.00	1½	2	¾	8-4-44	12			127.3	56.00	8-4-44

New Orleans, La.	80.7	35.50	1½	1½	1½	8	-4	-44	12	100	Average, 83.0...	80.7	35.50	8	-4	-44
New York, N. Y.:																
1 or 2 automatic job cylinders over 22 inches and up to and including 29 inches; 2 job cylinders on color register work; 1 press with bronzing machine; 1 perfecting press on color register work; 1 two-color flat bed; 1 two-color Harris press 28 by 34 inches and up; 1 sheet-feed rotary or offset press; permanent proven pressmen; making matrices for McKee process plates; Cox duplex press or multi-web ticket press.	138.6	61.00	1½	2	½ 2	8	-4	-44	12			134.1	50.00	8	-4	-44
1 two-color Harris press 15 by 18 inches.	120.5	53.00	1½	2	½ 2	8	-4	-44	12			115.9	51.00	8	-4	-44
2 two-color Harris presses 15 by 18 inches.	127.8	56.00	1½	2	½ 2	8	-4	-44	12			122.7	54.00	8	-4	-44
1 two-color Harris press 18 by 22 inches.	125.0	55.00	1½	2	½ 2	8	-4	-44	12			120.5	53.00	8	-4	-44
In charge of double-roll web press over 46 inches.	154.5	68.00	1½	2	½ 2	8	-4	-44	12			150.0	66.00	8	-4	-44
1 cylinder press over 68 inches; 1 or 2 cylinder presses 68 inches or under; 2 automatic job cylinders up to and including 22 inches; 1 poster press 28 by 41 inches or over; 1 label press; 1 perfecting press; 1 automatic job cylinder and 1 automatic platen press; 1 automatic job cylinder and 1 or 2 hand-feed platen presses; Cox duplex press, second man; brakemen and tension men.	131.8	58.00	1½	2	½ 2	8	-4	-44	12			127.8	50.00	8	-4	-44
1 double sheet-feed rotary press.	147.7	65.00	1½	2	½ 2	8	-4	-44	12			143.2	63.00	8	-4	-44
1 two-color flat bed press over 70 inches; 1 three-color Sterling press.	143.2	63.00	1½	2	½ 2	8	-4	-44	12			138.6	61.00	8	-4	-44
1 four-color Sterling press; in charge, 3 or 4 color or process presses, 46 inches.	152.3	67.00	1½	2	½ 2	8	-4	-44	12			147.7	65.00	8	-4	-44
In charge of 3 or 4 color or process presses over 46 inches.	156.8	69.00	1½	2	½ 2	8	-4	-44	12			152.3	67.00	8	-4	-44
Single-roll web presses, 46 inches or under; 1 sheet-feed rotary or offset press on color register work; 1 sheet-feed rotary with color attachments; 1 automatic cylinder over 29 inches and up to and including 42 inches.	145.5	64.00	1½	2	½ 2	8	-4	-44	12			150.0	66.00	8	-4	-44
Single-roll web presses over 46 inches; man in charge of single roll 46 inches or under.	150.0	66.00	1½	2	½ 2	8	-4	-44	12			140.9	62.00	8	-4	-44
Web presses, second position.	136.4	60.00	1½	2	½ 2	8	-4	-44	12			145.5	64.00	8	-4	-44
McKee process presses.	153.4	67.50	1½	2	½ 2	8	-4	-44	12			131.8	58.00	8	-4	-44
2 single-color Harris presses, 15 by 18 inches or 18 by 22 inches.	122.7	54.00	1½	2	½ 2	8	-4	-44	12			148.9	65.50	8	-4	-44
												118.2	52.00	8	-4	-44
Omaha, Nebr.	90.9	40.00	1½	2	2	8	-4	-44	12	41	Average, 102.3.	90.9	40.00	8	-4	-44
Peoria, Ill.	95.0	41.80	1½	2	2	8	-4	-44	12			95.0	41.80	8	-4	-44
In charge.	102.5	45.10	1½	2	2	8	-4	-44	12			102.5	45.10	8	-4	-44
Philadelphia, Pa.:																
Competitive offices—																
1-roll rotary presses.	129.5	57.00	1½	2	2	8	-4	-44	12			125.0	55.00	8	-4	-44
2-roll rotary presses.	143.2	63.00	1½	2	2	8	-4	-44	12			138.6	61.00	8	-4	-44
2-color presses.	111.4	49.00	1½	2	2	8	-4	-44	12	93		106.8	47.00	8	-4	-44
2 flat bed presses.	106.8	47.00	1½	2	2	8	-4	-44	12	10		102.8	45.00	8	-4	-44
1 or 2 automatic-feed presses.	97.9	47.00	1½	2	½ 2	8½	-4½	-48	12			98.8	45.00	8½	-4½	-48

For Saturday afternoon, 1½.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESSMEN, CYLINDER—Continued

City	May 15, 1930							May 15, 1929					
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week	
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week		
Philadelphia, Pa.—Continued.													
Competitive offices—Continued.	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>			
1 flat-bed perfecting press, automatic feed.....	100.0	48.00	1½	2	" 2	8¾-4¼-48	12	-----	95.8	46.00	8¾-4¼-48		
1 cylinder and not more than 3 platen presses.....	95.8	46.00	1½	2	" 2	8¾-4¼-48	12	-----	91.7	44.00	8¾-4¼-48		
3 Harris presses.....	93.8	45.00	1½	2	" 2	8¾-4¼-48	12	-----	89.6	43.00	8¾-4¼-48		
Noncompetitive offices—													
2 flat-bed presses.....	95.8	46.00	1½	2	" 2	9¾-0-48	12	-----	91.7	44.00	9¾-0-48		
Pittsburgh, Pa.....	102.3	45.00	1½	2	" 2	8-4-44	12	-----	102.3	45.00	8-4-44		
Portland, Oreg.:.....													
In charge of 1 or 2 presses.....	110.2	48.50	1½	1½	1½	8-4-44	12	-----	110.2	48.50	8-4-44		
In charge of 3 or more presses.....	117.0	51.50	1½	1½	1½	8-4-44	12	-----	117.0	51.50	8-4-44		
Journeyman.....	103.4	45.50	1½	1½	1½	8-4-44	12	-----	103.4	45.50	8-4-44		
Providence, R. I.....	90.9	40.00	1½	2	" 2	8-4-44	12	21	93.2 to 102.3	90.9	40.00	8-4-44	
Reading, Pa.....	90.0	39.60	1½	2	" 2	8-4-44	12	-----	90.0	39.60	8-4-44		
Rochester, N. Y.....	100.0	44.00	1½	2	" 2	8-4-44	12	52	113.6	100.0	44.00	8-4-44	
Rock Island (Ill.) district.....	92.0	40.50	1½	2	" 2	8-4-44	12	29	113.6	92.0	40.50	8-4-44	
Automatic presses.....	92.0	40.50	1½	2	" 2	8-4-44	12	-----	-----	-----	-----		
Rotary presses.....	115.9	51.00	1½	2	" 2	8-4-44	12	-----	-----	-----	-----		
St. Louis, Mo.:.....													
2 presses smaller than 24 by 36 inches or 2 small cylinders, or 1 automatic Kelly smaller than 19 by 23 inches.....	94.5	41.60	1½	2	" 2	8-4-44	12	-----	94.5	41.60	8-4-44		
1 large cylinder and 2 platen presses.....	102.0	44.88	1½	2	" 2	8-4-44	12	-----	102.0	44.88	8-4-44		
2 presses larger than 24 by 36 inches, or 1 two-color press, or 1 double-cylinder press, or second man on rotary web.....	106.0	46.64	1½	2	" 2	8-4-44	12	-----	106.0	46.64	8-4-44		
Rotary web presses, 1 or 2 rolls.....	116.0	51.04	1½	2	" 2	8-4-44	12	-----	116.0	51.04	8-4-44		

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESSMEN, PLATERS—Continued

City	May 15, 1930										May 15, 1929					
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
Chicago, Ill.:	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>					
1 to 3 hand-feed presses.....	100.0	44.00	1½	2	2	8	-4	-44	12	64	Average, 113.6.	100.0	44.00	8	-4	-44
4 hand-feed presses.....	102.3	45.00	1½	2	2	8	-4	-44	12	58	Average, 115.9.	102.3	45.00	8	-4	-44
5 hand-feed presses.....	105.7	46.50	1½	2	2	8	-4	-44	12	60	Average, 119.3.	105.7	46.50	8	-4	-44
6 hand-feed presses.....	109.1	48.00	1½	2	2	8	-4	-44	12	60	Average, 125.0.	109.1	48.00	8	-4	-44
Two combination job presses; foreman in charge of 2 or more job presses; proofers on 1 job press.	115.9	51.00	1½	2	2	8	-4	-44	12	65	129.5 to 131.8.					
Cincinnati, Ohio:																
1 or 2 presses.....	83.5	36.75	1½	2	¾ 2	8	-4	-44	12			80.1	35.25	8	-4	-44
3 presses.....	85.8	37.75	1½	2	¾ 2	8	-4	-44	12			81.8	36.00	8	-4	-44
4 presses.....	88.1	38.75	1½	2	¾ 2	8	-4	-44	12			83.5	36.75	8	-4	-44
5 presses.....	90.3	39.75	1½	2	¾ 2	8	-4	-44	12			86.9	38.25	8	-4	-44
Auto, Kelly, Smith & Stokes, Hoag, Casemore, Cartwright, and Harris presses.	83.0	36.50	1½	2	¾ 2	8	-4	-44	12			79.5	35.00	8	-4	-44
Cleveland, Ohio:																
1 or 2 hand-feed presses.....	90.3	39.75	1½	2	2	8	-4	-44	12			90.3	39.75	8	-4	-44
3 or 4 hand-feed presses.....	98.9	43.50	1½	2	2	8	-4	-44	12			98.9	43.50	8	-4	-44
5 to 8 hand-feed presses.....	106.3	46.75	1½	2	2	8	-4	-44	12			106.3	46.75	8	-4	-44
9 or more hand-feed presses.....	108.5	47.75	1½	2	2	8	-4	-44	12			108.5	47.75	8	-4	-44
Columbus, Ohio.....	106.8	47.00	1½	1½	1½	8	-4	-44	12			106.8	47.00	8	-4	-44
Dallas, Tex.....	76.1	33.50	1½	2	¾ 2	8	-4	-44	12			76.1	33.50	8	-4	-44
Automatic and rotary, journeymen	88.7	39.00	1½	2	2	8	-4	-44	12							
Davenport, Iowa. (See Rock Island (Ill.) district.)																
Dayton, Ohio: Automatic-feed presses.....	100.0	44.00	1½	2	¾ 2	8	-4	-44	12			95.0	41.80	8	-4	-44
Denver, Colo.:																
4 hand-feed presses.....	95.8	42.15	1½	2	¾ 2	8	-4	-44	12	68	102.3.	95.8	42.15	8	-4	-44
Assistant plate pressmen.....	82.4	36.25	1½	2	¾ 2	8	-4	-44	12			82.4	36.25	8	-4	-44

Des Moines, Iowa.....	90.9	40.00	1 1/2	2	2	8	-4	-44	12			90.9	40.00	8	-4	-44
Detroit, Mich.:																
2 or more hand-feed presses.....	87.5	42.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12			87.5	42.00	8 1/2	-4 1/2	-48
Automatic-feed presses.....	93.8	45.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12			93.8	45.00	8 1/2	-4 1/2	-48
Erie, Pa.....	83.3	40.00	1 1/2	1 1/2	1 1/2	8 1/2	-4 1/2	-48	12							
Grand Rapids, Mich.: 1 or 2 hand-feed presses.....	68.8	33.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12			72.9	35.00	8 1/2	-4 1/2	-48
Houston, Tex.:																
1 or 2 hand-feed presses.....	68.2	30.00	1 1/2	2	2	8	-4	-44	12			68.2	30.00	8	-4	-44
3 hand-feed presses.....	75.0	33.00	1 1/2	2	2	8	-4	-44	12			75.0	33.00	8	-4	-44
4 or 5 hand-feed presses.....	81.8	36.00	1 1/2	2	2	8	-4	-44	12			81.8	36.00	8	-4	-44
Indianapolis, Ind.:																
1 or 2 hand-feed presses.....	97.7	43.00	1 1/2	2	2	8	-4	-44	12			93.2	41.00	8	-4	-44
3 hand-feed presses.....	103.2	45.40	1 1/2	2	2	8	-4	-44	12			98.6	43.40	8	-4	-44
4 hand-feed presses.....	108.6	47.80	1 1/2	2	2	8	-4	-44	12			104.1	45.80	8	-4	-44
5 hand-feed presses.....	111.4	49.00	1 1/2	2	2	8	-4	-44	12			106.8	47.00	8	-4	-44
Jacksonville, Fla.: 1 or 2 hand-feed presses.....	68.2	30.00	1 1/2	2	2	8	-4	-44	12			68.2	30.00	8	-4	-44
Kansas City, Mo.....	93.2	41.00	1 1/2	2	2	8	-4	-44	12	100	100.0	90.9	40.00	8	-4	-44
Little Rock, Ark.....	81.8	36.00	1 1/2	1 1/2	1 1/2	8	-4	-44	12			81.8	36.00	8	-4	-44
In charge of 3 or 4 presses.....	85.2	37.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12			85.2	37.50	8	-4	-44
In charge of 5 or more presses.....	87.5	38.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12							
Los Angeles, Calif.....	88.6	39.00	1 1/2	2	2	8	-4	-44	12	25	95.5	88.6	39.00	8	-4	-44
Louisville, Ky.:																
2 hand-feed presses.....	50.0	24.00	1 1/2	2	2	8 1/2	-4 1/2	-48	12	100	Up to 56.3	50.0	24.00	8 1/2	-4 1/2	-48
5 hand-feed presses.....	67.7	32.50	1 1/2	2	2	8 1/2	-4 1/2	-48	12	100	Up to 72.9	67.7	32.50	8 1/2	-4 1/2	-48
Manchester, N. H.....	68.2	30.00	1 1/2	2	2	8	-4	-44	12			68.2	30.00	8	-4	-44
Memphis, Tenn.:																
Foremen in charge.....	86.4	38.00	1 1/2	2	1 1/2	8	-4	-44	12	100	95.5	86.4	38.00	8	-4	-44
4 hand-feed presses.....	77.3	34.00	1 1/2	2	1 1/2	8	-4	-44	12	50	84.1	77.3	34.00	8	-4	-44
Milwaukee, Wis.:																
1 to 3 hand-feed presses, Union A.....	86.4	38.00	1 1/2	2	2	8	-4	-44	12	61	88.6	86.4	38.00	8	-4	-44
1 to 3 hand-feed presses, Union B.....	88.0	41.28	1 1/2	2	2	8 1/2	-4 1/2	-48	12	61	96.4	86.0	41.28	8 1/2	-4 1/2	-48
4 hand-feed presses, Union A.....	90.9	40.00	1 1/2	2	2	8	-4	-44	12	27	Not reported	90.9	40.00	8	-4	-44
4 hand-feed presses, Union B.....	90.0	43.20	1 1/2	2	2	8 1/2	-4 1/2	-48	12	27	do.	90.0	43.20	8 1/2	-4 1/2	-48
Minneapolis, Minn.:																
1 or 2 hand-feed presses.....	70.9	31.20	1 1/2	2	2	8	-4	-44	12	74	70.9 to 79.5	70.9	31.20	8	-4	-44
3 hand-feed presses.....	73.6	32.40	1 1/2	2	2	8	-4	-44	12	88	75.0 to 81.8	73.6	32.40	8	-4	-44
4 or more hand-feed presses.....	81.8	36.00	1 1/2	2	2	8	-4	-44	12	87	Not reported	81.8	36.00	8	-4	-44
Moline, Ill. (See Rock Island (Ill.) district.)																
Nashville, Tenn.:																
2 hand-feed presses.....	55.8	26.80	1 1/2	2	2	8 1/2	-4 1/2	-48				55.8	26.80	8 1/2	-4 1/2	-48
6 presses.....	75.6	36.30	1 1/2	2	2	8 1/2	-4 1/2	-48								
Newark, N. J.:																
1 to 3 presses.....	106.8	47.00	1 1/2	2	2	8	-4	-44	12			102.3	45.00	8	-4	-44
4 presses.....	111.4	49.00	1 1/2	2	2	8	-4	-44	12							
5 presses and automatic-feed presses.....	115.9	51.00	1 1/2	2	2	8	-4	-44	12			111.4	49.00	8	-4	-44
New Orleans, La.: 1 or 2 hand-feed presses.....	73.9	32.50	1 1/2	1 1/2	1 1/2	8	-4	-44	12	100	Average, 79.5	73.9	32.50	8	-4	-44
New York, N. Y.:																
1 to 3 hand-feed presses; 2 multicolor; 1 autoplatten; 1 or 2 New Era heads.....	111.4	49.00	1 1/2	2	2	8	-4	-44	12			106.8	47.00	8	-4	-44
4 hand-feed presses, or 3 New Era heads.....	115.9	51.00	1 1/2	2	2	8	-4	-44	12			111.4	49.00	8	-4	-44

^a For Saturday afternoon, 1 1/2.

^a Hours vary, but total 48 per week.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: BOOK AND JOB—Continued

PRESSMAN, PLATEN—Continued

City	May 15, 1930								May 15, 1929							
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week				
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week					
New York—Continued.	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars						
2 automatic-feed presses; 1 automatic-feed and 1 or 2 hand-feed presses; 4 New Era heads.	120.5	53.00	1½	2	½ 2	8	4	44	12	115.9	51.0	8	4	44		
2 Meisel-Kidder presses (4 to 10 inches).....	122.7	54.00	1½	2	½ 2	8	4	44	12	118.2	52.00	8	4	44		
2 Meisel-Kidder presses (10 to 20 inches).....	127.3	56.00	1½	2	½ 2	8	4	44	12	122.7	54.00	8	4	44		
1 Meisel-Kidder press, over 20 inches.....	131.8	58.00	1½	2	½ 2	8	4	44	12	127.3	56.00	8	4	44		
1 or 2 automatic presses, over 20 inches.....	118.2	52.00	1½	2	2	8	4	44	12							
Omaha, Nebr.....	72.7	32.00	1½	2	2	8	4	44	12	77	Up to 102.3....	79.5	35.00	8	4	44
Peoria, Ill.....	83.8	36.85	1½	2	2	8	4	44	12		83.8	36.85	8	4	44	
In charge.....	86.6	38.10	1½	2	2	8	4	44	12		86.6	38.10	8	4	44	
Philadelphia, Pa.:																
1 or 2 hand-feed presses, Union A.....	83.3	40.00	1½	2	½ 2	8½	4½	48	12		79.2	38.00	8½	4½	48	
1 to 3 hand-feed presses, Union B.....	90.9	40.00	1½	2	2	8	4	44	12		86.4	38.00	8	4	44	
4 hand-feed presses.....	87.5	42.00	1½	2	½ 2	8½	4½	48	12		83.3	40.00	8½	4½	48	
5 or more hand-feed presses.....	91.7	44.00	1½	2	½ 2	8½	4½	48	12		87.5	42.00	8½	4½	48	
1 automatic-feed press.....	95.5	42.00	1½	2	2	8	4	44	12		90.9	40.00	8	4	44	
2 automatic-feed presses.....	95.5	42.00	1½	2	2	8	4	44	12		90.9	40.00	8	4	44	
More than 2 presses with automatic feed or process or power presses.....	93.8	45.00	1½	2	½ 2	8½	4½	48	12		89.6	43.00	8½	4½	48	
Pittsburgh, Pa.: Not more than 4 hand-feed presses..	95.5	42.00	1½	2	½ 2	8	4	44	12		95.5	42.00	8	4	44	
Portland, Oreg.:																
In charge of 1 to 3 hand-feed presses.....	94.9	41.75	1½	1½	1½	8	4	44	12		94.9	41.75	8	4	44	
In charge of 4 or more hand-feed presses.....	99.4	43.75	1½	1½	1½	8	4	44	12		99.4	43.75	8	4	44	
Journeyman.....	90.9	40.00	1½	1½	1½	8	4	44	12		90.9	40.00	8	4	44	
Providence, R. I.....	84.1	37.00	1½	2	½ 2	8	4	44	12	36	86.4 to 95.5....	84.1	37.00	8	4	44
Reading, Pa.: Automatic-feed presses.....	80.0	35.20	1½	2	½ 2	8	4	44	12		80.0	35.20	8	4	44	
Rochester, N. Y.: 1 to 3 hand-feed presses.....	85.0	37.40	1½	2	½ 2	8	4	44	12		85.0	37.40	8	4	44	
	90.0	39.60	1½	2	½ 2	8	4	44	12	50	93.4.....	90.0	39.60	8	4	44

Rock Island (Ill.) district: 1 or 2 hand-feed presses.....	87.5	38.50	1½	2	* 2	8	-4	-44	12	22	113.6.....	87.5	38.50	8	-4	-44
St. Louis, Mo.:																
1 or 2 hand-feed presses.....	83.5	36.76	1½	2	* 2	8	-4	-44	12			83.5	36.76	8	-4	-44
3 presses, hand or automatic feed.....	87.5	38.52	1½	2	* 2	8	-4	-44	12			87.5	38.52	8	-4	-44
4 hand-feed or 2 automatic-feed presses.....	91.5	40.28	1½	2	* 2	8	-4	-44	12			91.5	40.28	8	-4	-44
St. Paul, Minn.:																
2 hand-feed presses.....	70.9	31.20	1½	2	* 2	8	-4	-44	12	47	72.7 to 79.5.....	70.9	31.20	8	-4	-44
3 hand-feed presses.....	73.6	32.40	1½	2	* 2	8	-4	-44	12	80	75.0 to 81.8.....	73.6	32.40	8	-4	-44
4 hand-feed presses.....	81.8	36.00	1½	2	* 2	8	-4	-44	12	85	84.9 to 90.9.....	81.8	36.00	8	-4	-44
San Francisco, Calif.....	106.8	47.00	1½	1½	1½	8	-4	-44	12			106.8	47.00	8	-4	-44
Scranton, Pa.:																
1 to 3 hand-feed presses.....	76.1	33.50	1½	2	* 2	8	-4	-44	12			76.1	33.50	8	-4	-44
4 hand-feed or 1 to 3 automatic-feed presses.....	81.8	36.00	1½	2	* 2	8	-4	-44	12			81.8	36.00	8	-4	-44
Seattle, Wash.....	93.2	41.00	1½	1½	1½	8	-4	-44	12			90.9	40.00	8	-4	-44
Spokane, Wash.....	90.9	40.00	1½	2	* 2	8	-4	-44	12			90.9	40.00	8	-4	-44
Springfield, Mass.:																
1 or 2 hand-feed presses.....	79.5	35.00	1½	2	* 2	8	-4	-44	12	100	90.9.....	79.5	35.00	8	-4	-44
3 or 4 hand-feed presses.....	84.1	37.00	1½	2	* 2	8	-4	-44	12	100	90.9 to 102.3.....	84.1	37.00	8	-4	-44
Toledo, Ohio:																
1 or 2 hand-feed presses.....	90.9	40.00	1½	2	* 2	8	-4	-44	12			90.9	40.00	8	-4	-44
3 presses.....	95.5	42.00	1½	2	* 2	8	-4	-44	12			95.5	42.00	8	-4	-44
Washington, D. C.:																
1 to 3 hand-feed presses.....	73.6	32.40	1½	1½	1½	8	-4	-44	12	100	90.9.....	73.6	32.40	8	-4	-44
1 or 2 hand-feed presses and 1 automatic-feed press.....	79.8	35.10	1½	1½	1½	8	-4	-44	12	100	90.9.....	79.8	35.10	8	-4	-44
2 Miller or automatic-feed presses.....	85.9	37.80	1½	1½	1½	8	-4	-44	12	100	90.9.....	85.9	37.80	8	-4	-44
Worcester, Mass.....	70.5	31.00	1½	2	2	8	-4	-44	12	70	79.5.....	70.5	31.00	8	-4	-44
Youngstown, Ohio.....	101.1	44.50	1½	1½	1½	8	-4	-44	12			101.1	44.50	8	-4	-44

PRINTING AND PUBLISHING: NEWSPAPER

COMPOSITORS, HAND: Day work

Atlanta, Ga.....	103.1	49.50	1½	1½	1	8	-8	-48				103.1	49.50	8	-8	-48
Baltimore, Md.....	114.8	50.50	1½	1	1	7½	-7½	-44				114.8	50.50	7½	-7½	-44
German text.....	90.9	40.00	1½	2	* 2	8	-4	-44	12			90.9	40.00	8	-4	-44
Birmingham, Ala.....	102.5	43.05	1½	1½	1	8½	-7	-42				100.0	42.00	8½	-7	-42
Boston, Mass.....	125.0	55.00	1½	1½	2	8½	-8	-44		59		125.0	55.00	8½	-8	-44
Bridgeport, Conn.....	100.0	48.00	1½	2	2	8	-8	-48				91.7	44.00	8	-8	-48
Buffalo, N. Y.....	103.3	52.00	1½	2	2	8	-8	-48		6	110.4.....	106.3	51.00	8	-8	-48
German text.....	87.5	42.00	1½	2	2	8	-8	-48		33	93.8.....	87.5	42.00	8	-8	-48
Butte, Mont.....	106.7	48.00	1½	1	(85)	7½	-7½	-45				106.7	48.00	7½	-7½	-45
Charleston, S. C.....	92.7	44.50	1½	1½	1	8	-8	-48				92.7	44.50	8	-8	-48

* For Saturday afternoon, 1½.

85 Minimum 42, maximum 48 hours per week.

88 Full days' pay for 4 hours.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

COMPOSITORS, HAND: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
Chicago, Ill.:	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Union A.....	140.0	63.00	1 1/2	1 1/2	—	7 1/2-7 1/2-45	—	41	155.6.....	140.0	63.00	7 1/2-7 1/2-45
Union B.....	122.7	54.00	1 1/2	1 1/2	" 1 1/2	8-8-44	12	60	134.1.....	122.7	54.00	8-8-44
German text.....	143.0	57.20	1 1/2	1 1/2	—	8-0-40	12	60	157.5.....	145.0	58.00	8-8-40
Hebrew text.....	219.4	79.00	1 1/2	Pro.	1	6-6-36	—	—	—	214.7	77.30	6-6-36
Polish text.....	131.0	57.00	1 1/2	2	—	7 1/2-7 1/2-43 1/2	—	60	147.1.....	129.5	57.00	7 1/2-7 1/2-44
Cincinnati, Ohio:	122.8	55.25	1 1/2	1 1/2	1	7 1/2-7 1/2-45	—	—	—	122.2	55.00	7 1/2-7 1/2-45
German text.....	93.8	45.00	1 1/2	150c.	150c.	8-8-48	—	—	—	90.6	43.50	8-8-48
Cleveland, Ohio:	119.0	53.55	1 1/2	1 1/2	(u)	7 1/2-7 1/2-45	—	—	—	119.0	53.55	7 1/2-7 1/2-45
German text.....	119.0	55.55	1 1/2	(u)	(u)	7 1/2-7 1/2-45	—	—	—	119.0	53.55	7 1/2-7 1/2-45
Columbus, Ohio:	114.6	55.00	1 1/2	2	(u)	8-8-48	—	—	—	114.6	55.00	8-8-48
Dallas, Tex.:	106.3	51.00	1 1/2	1 1/2	1	8-8-48	—	—	—	106.3	51.00	8-8-48
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.....	112.0	51.50	1 1/2	1 1/2	" 1 1/2	7 1/2-7 1/2-46	—	—	—	108.7	50.00	7 1/2-7 1/2-46
Denver, Colo.....	119.9	52.75	1 1/2	1 1/2	1	7 1/2-14 1/2-44	—	—	—	114.8	50.50	7 1/2-7 1/2-44
Des Moines, Iowa.....	100.0	48.00	1 1/2	1 1/2	1 1/2	8-8-48	—	29	Not reported.....	100.0	48.00	8-8-48
Detroit, Mich.:	131.0	58.95	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-45	—	—	—	130.0	58.50	7 1/2-7 1/2-45
German text.....	105.0	42.00	1 1/2	1 1/2	1 1/2	8-0-40	13	—	—	105.0	42.00	8-0-40
Erie, Pa.:	111.1	50.00	1 1/2	1 1/2	1 1/2	8-5-45	12	—	—	104.2	50.00	8-8-45
Fall River, Mass.:	95.8	46.00	1 1/2	2	2	8-8-48	—	—	—	87.5	42.00	8-8-48
Grand Rapids, Mich.:	95.8	46.00	1 1/2	2	(u)	8-8-48	—	—	—	95.8	46.00	8-8-48
Houston, Tex.:												
Rate A.....	122.2	55.00	1 1/2	1	1	7 1/2-7 1/2-45	—	—	—	122.2	55.00	7 1/2-7 1/2-45
Rate B.....	126.1	55.50	1 1/2	1	1	7 1/2-14-44	—	—	—	126.1	55.50	7 1/2-14-44
Indianapolis, Ind.:	110.9	51.00	1 1/2	1 1/2	(u)	7 1/2-7 1/2-46	—	—	—	110.9	51.00	7 1/2-7 1/2-46
Jacksonville, Fla.:	100.0	48.00	1 1/2	1 1/2	1	8-8-48	—	40	110.4.....	100.0	48.00	8-8-48
Kansas City, Mo.:	108.3	52.00	1 1/2	1 1/2	(u)	8-8-48	—	—	—	108.3	52.00	8-8-48

Little Rock, Ark.	95.5	42.00	1 1/2	1 1/2	1	7 1/2-7 1/2-44	50	102.3	91.3	42.00	7 1/2-7 1/2-46
Los Angeles, Calif.	117.8	53.00	1 1/2	1 1/2	1	7 1/2-7 1/2-45	11	124.4	117.8	53.00	7 1/2-7 1/2-45
Louisville, Ky.	98.8	45.00	1 1/2	1 1/2	1	8 - 8 - 48	28	Up to 100.0	98.8	45.00	8 - 8 - 48
German text	86.8	33.40	1 1/2	1 1/2	1 1/2	6 - 14 1/2 - 38 1/2	12	100	85.6	39.80	6 - 14 1/2 - 40 1/2
Madison, Wis.	95.8	46.00	1 1/2	1 1/2	2	8 - 8 - 48	87	Up to 118.3	93.8	45.00	8 - 8 - 48
Manchester, N. H.	88.9	40.00	1 1/2	2	2	7 1/2-6 - 45			83.3	40.00	8 - 8 - 48
Memphis, Tenn.	100.0	45.00	1 1/2	1 1/2	1	7 1/2-7 1/2-45			100.0	45.00	7 1/2-7 1/2-45
Milwaukee, Wis.	117.8	53.00	1 1/2	2	2	7 1/2-7 1/2-45	50	120.0 to 140.0	110.4	53.00	8 - 8 - 48
German text	100.0	48.00	1 1/2	1 1/2	1 1/2	8 - 8 - 48			100.0	48.00	8 - 8 - 48
Minneapolis, Minn.:											
Rate A	107.5	50.00	1 1/2	2	(w)	7 1/2-7 1/2-46 1/2			97.9	47.00	8 - 8 - 48
Rate B	121.4	51.00	1 1/2	2	(w)	7 - 7 - 42			121.4	51.00	7 - 7 - 42
Moline, Ill. (See Rock Island (Ill.) district.)											
Muskegon, Mich.	89.6	43.00	1 1/2	2	2	8 - 8 - 48			89.6	43.00	8 - 8 - 48
Nashville, Tenn.	87.5	42.00	1 1/2	1 1/2	1	8 - 8 - 48			84.4	40.50	8 - 8 - 48
Newark, N. J.	134.8	62.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-46			134.8	62.00	7 1/2-7 1/2-46
New Haven, Conn.	93.8	45.00	1 1/2	1 1/2	2	8 - 8 - 48	4	112.5 to 114.6	91.7	44.00	8 - 8 - 48
New York, N. Y.	144.4	65.00	1 1/2	2	1	7 1/2-7 1/2-45			144.4	65.00	7 1/2-7 1/2-45
Bohemian text	152.8	55.00	1 1/2	1 1/2	(w)	6 1/2-8 1/2-36	12		138.9	50.00	6 1/2-8 1/2-36
Hebrew text	200.0	72.00	1 1/2	2	2	6 - 6 - 36			195.8	70.50	6 - 6 - 36
Hellenic text	135.7	57.00	1 1/2	2	2	7 1/2-4 1/2-42	1 1/2		135.7	57.00	7 1/2-4 1/2-42
Hungarian text	169.4	61.00	1 1/2	2	2	6 - 6 - 36					
Italian text	175.6	68.50	1 1/2	1 1/2	1 1/2	6 1/2-6 1/2-39	42	201.3 to 226.9	166.7	65.00	6 1/2-6 1/2-39
Norfolk (Va.) district	100.0	48.00	1 1/2	2	2	8 - 8 - 48			97.9	47.00	8 - 8 - 48
Omaha, Nebr.	100.0	48.00	1 1/2	1 1/2	1 1/2	8 - 8 - 48	11	112.5 to 127.1	99.0	47.50	8 - 8 - 48
Peoria, Ill.	104.3	48.00	1 1/2	1	(w)	7 1/2-7 1/2-46			102.1	48.00	7 1/2-7 1/2-47
Philadelphia, Pa.	91.3	42.00	1 1/2	1 1/2	1	7 1/2-7 1/2-46	83	93.5 to 110.9	91.3	42.00	7 1/2-7 1/2-46
Pittsburgh, Pa.	128.9	58.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-45			126.7	57.00	7 1/2-7 1/2-45
Portland, Me.	95.8	46.00	1 1/2	2	2	8 - 8 - 48			95.8	46.00	8 - 8 - 48
Portland, Ore.	113.3	51.00	1 1/2	1 1/2	1	7 1/2-7 1/2-45			113.3	51.00	7 1/2-7 1/2-45
Providence, R. I.	112.5	54.00	1 1/2	2	2	8 - 8 - 48	13	118.3	108.3	52.00	8 - 8 - 48
Reading, Pa.	104.2	50.00	1 1/2	1	1 1/2	8 - 8 - 48			104.2	50.00	8 - 8 - 48
Richmond, Va.	94.8	45.50	1 1/2	1 1/2	2	8 - 8 - 48			94.8	45.50	8 - 8 - 48
Rochester, N. Y.	104.2	50.00	1 1/2	2	2	8 - 8 - 48	3	156.3 to 208.3	104.2	50.00	8 - 8 - 48
German text	77.1	37.00	1 1/2	2	2	8 - 8 - 48	33	79.2	77.1	37.00	8 - 8 - 48
Rock Island (Ill.) district	95.8	46.00	1 1/2	1	(w)	8 - 8 - 48	11	Up to 125.0	95.8	46.00	8 - 8 - 48
Saginaw, Mich.	90.0	43.20	1 1/2	2	(w)	8 - 8 - 48			90.0	43.20	8 - 8 - 48
St. Louis, Mo.	120.7	55.50	1 1/2	1	1	7 1/2-7 1/2-46			114.1	52.50	7 1/2-7 1/2-46
St. Paul, Minn.	101.3	48.60	1 1/2	2	(w)	8 - 8 - 48			101.3	48.60	8 - 8 - 48
Salt Lake City, Utah	106.7	49.08	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-46	71	123.3	104.3	48.00	7 1/2-7 1/2-46
San Francisco, Calif.	120.0	54.00	1 1/2	1 1/2	(w)	7 1/2-7 1/2-45			120.0	54.00	7 1/2-7 1/2-45
Scranton, Pa.	114.9	54.00	1 1/2	1	1	8 - 7 - 47			114.9	54.00	8 - 7 - 47
Seattle, Wash.	123.2	51.75	1 1/2	1 1/2	(w)	7 - 7 - 42			123.2	51.75	7 - 7 - 42
Spokane, Wash.	108.3	46.50	1 1/2	1 1/2	(w)	7 1/2-7 1/2-45			100.0	45.00	7 1/2-7 1/2-45

* For Saturday afternoon, 1 1/2.
 * Full day's pay for 5 hours.
 * For Saturday afternoon, 2.
 * Full day's pay for 4 hours.
 * Work 5 day's per week.
 * Full day's pay for 5 1/2 hours.
 * Full day's pay for 6 hours.

* Hours vary, but total 46 per week.
 * Work 4 day's and double shift on Saturday.
 * Full day's pay for short day.
 * Work 8 hours on Wednesday.
 * Off with pay.
 * Thursday and Friday, 8 hours
 * Includes Polish text.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities

PRINTING AND PUBLISHING: NEWSPAPER—Continued

COMPOSITORS, HAND: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	Cents	Dollars	
Springfield, Mass.....	100.6	45.25	1½	1½	1½	7¼-7¼-45		63	102.8 to 107.2...	98.3	44.25	7½-7½-45
Toledo, Ohio.....	109.4	52.50	1½	2	2	8-8-48		57	113.5 to 119.8...	106.3	51.00	8-8-48
Washington, D. O.....	128.6	54.00	1½	150c.	(*)	7-7-42				128.6	54.00	7-7-42
Wichita, Kans.....	87.5	42.00	1½	1½	(*)	8-8-48		19	Up to 101.2...	87.5	42.00	8-8-48
Worcester, Mass.....	100.0	48.00	1½	2	1½	8-8-48		19	10-2 to 156.3...	100.0	48.00	8-8-48
York, Pa.....	62.5	30.00	1½	2	1	8-8-48				62.5	30.00	8-8-48
Youngstown, Ohio.....	115.1	53.50	1½	2	2	7¼-7¼-46½				115.1	53.50	7¼-7¼-46

COMPOSITORS, HAND: Night work

Atlanta, Ga.....	109.4	52.50	1 1/2	1 1/2	1	8 -8 -48				109.4	52.50	8 -8 -48
Baltimore, Md.....	121.6	53.50	1 1/2	1	1	7 1/4-7 1/4-44				121.6	53.50	7 1/4-7 1/4-44
Birmingham, Ala.....	108.5	45.57	1 1/2	1 1/2	1	6 1/2 7 -7 -42				106.0	44.52	6 1/2 7 -7 -42
Boston, Mass.....	129.0	56.76	1 1/2	1	1	6 1/2 8 -8 -44		57	Not reported.	129.0	56.76	6 1/2 8 -8 -44
Buffalo, N. Y.....	114.6	55.00	1 1/2	2	2	8 -8 -48		2	119.8 to 125.0	112.5	54.00	8 -8 -48
Butte, Mont.....	113.3	51.00	1 1/2	1		7 1/4-7 1/4-45				113.3	51.00	7 1/4-7 1/4-45
Charleston, S. O.....	99.0	47.50	1 1/2	1 1/2	1	8 -8 -48				99.0	47.50	8 -8 -48
Chicago, Ill.:												
Union A.....	151.1	68.00	1 1/2	1 1/2		7 1/4-7 1/4-45		59	166.7	151.1	68.00	7 1/4-7 1/4-45
Union B.....	145.0	58.00	1 1/2	1 1/2	7 1/2	8 -0 -40		12	Average 157.5	145.0	58.00	8 -0 -40
Hebrew Text.....	292.6	79.00	1 1/2	Pro.	1	4 1/4-4 1/4-27		63		292.6	77.80	4 1/4-4 1/4-27
Cincinnati, Ohio.....	131.1	59.00	1 1/2	1 1/2	1	7 1/4-7 1/4-45				130.7	58.80	7 1/4-7 1/4-45
Cleveland, Ohio.....	131.0	58.95	1 1/2	1 1/2	(*)	7 1/4-7 1/4-45				131.0	58.95	7 1/4-7 1/4-45
Columbus, Ohio.....	122.9	59.00	1 1/2	1	(*)	8 -8 -48				122.9	59.00	8 -8 -48

Dallas, Tex.	110.4	53.00	1½	1½	1	8 -8 -48				110.4	53.00	8 -8 -48
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.	118.5	54.50	1½	1½	1½	7½-7½-46				115.2	53.00	** 7½-7½-46
Denver, Colo.	123.3	54.25	1½	1½	1	7½-7½-44				122.7	54.00	7½-7½-44
Des Moines, Iowa	107.3	51.50	1½	1½	1½	8 -8 -48		28	Not reported	107.3	51.50	8 -8 -48
Detroit, Mich. ⁷¹	139.0	62.55	1½	1½	1½	7½-7½-45				138.0	62.10	7½-7½-45
Erie, Pa.	117.8	53.00	1½	1½	1½	8 -8 -45		12		110.4	53.00	8 -8 -45
Grand Rapids, Mich.	100.0	48.00	1½	2	(*)	8 -8 -48				100.0	48.00	8 -8 -48
Houston, Texas	128.9	58.00	1½	1	1	7½-7½-45		47	102.1	128.9	58.00	7½-7½-45
Indianapolis, Ind.	120.7	55.50	1½	(*)	(*)	7½-7½-46				120.7	55.50	7½-7½-46
Jacksonville, Fla.	119.0	50.00	1½	1½	1	7 -7 -42				119.0	50.00	7 -7 -42
Kansas City, Mo.	114.6	55.00	1½	1½	(*)	8 -8 -48				114.6	55.00	8 -8 -48
Little Rock, Ark.	102.3	45.00	1½	1½	1	7½-7½-44		50	113.6	102.3	45.00	7½-7½-44
Los Angeles, Calif.	124.4	56.00	1½	1½	1	7½-7½-45		10	Average 131.1	124.4	56.00	7½-7½-45
Louisville, Ky.	100.0	48.00	1½	1½	1	8 -8 -48		25	Up to 104.2	100.0	48.00	8 -8 -48
Madison, Wis.	101.0	48.50	1½	1½	2	8 -8 -48		11	111.5	101.0	48.50	8 -8 -48
Manchester, N. H.	95.6	43.00	1½	2	2	7½-7½-45				95.6	43.00	7½-7½-45
Memphis, Tenn.	106.7	48.00	1½	1½	1	7½-7½-45				106.7	48.00	7½-7½-45
Milwaukee, Wis.	128.9	58.00	1½	1	1	7½-7½-45		22	Up to 142.2	128.9	58.00	7½-7½-45
German text.	110.4	53.00	1½	1½	1½	8 -8 -48				110.4	53.00	8 -8 -48
Minneapolis, Minn.	114.0	53.00	1½	1½	(*)	7½-7½-46½				114.0	53.00	7½-7½-46½
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	93.8	45.00	1½	2	2	8 -8 -48				93.8	45.00	8 -8 -48
Nashville, Tenn.	93.8	45.00	1½	1½	1	8 -8 -48				90.6	43.50	8 -8 -48
Newark, N. J.	141.3	65.00	1½	1½	1½	7½-7½-46				141.3	65.00	7½-7½-46
New Haven, Conn.	100.0	48.00	1½	1	1	8 -8 -48		11	104.2	97.9	47.00	8 -8 -48
New York, N. Y.	151.1	68.00	1½	1	1	7½-7½-45				151.1	68.00	7½-7½-45
Third shift.	169.0	71.00	1½	1	1	7 -7 -42				169.0	71.00	7 -7 -42
Hebrew text.	266.7	72.00	1½	2	2	4½-4½-27				261.1	70.50	4½-4½-27
Italian text.	198.6	71.50	1½	1½	1½	6 -6 -36		33	254.2	198.1	69.50	6 -6 -36
Third shift.	202.8	73.00	1½	1½	1½	6 -6 -36		17	230.6			
Norfolk (Va.) district.	106.3	51.00	1½	1½	1	8 -8 -48				104.2	50.00	8 -8 -48
Omaha, Nebr.	106.3	51.00	1½	1½	1½	8 -8 -48		9	118.8 to 135.4	105.2	50.50	8 -8 -48
Peoria, Ill.	109.6	50.40	1½	1	(*)	7½-7½-46				107.2	50.40	7½-7½-47
Philadelphia, Pa.	97.8	45.00	1½	1½	1	7½-7½-46		96	Up to 117.4	97.8	45.00	7½-7½-46
German text.	112.5	45.00	1½	1½	1	8 -0 -40		12		112.5	45.00	8 -0 -40
Hebrew text.	222.2	60.00	1½	1½	1	4½-4½-27				222.2	60.00	4½-4½-27
Pittsburgh, Pa.	135.6	61.00	1½	1½	1½	7½-7½-45				133.3	60.00	7½-7½-45
Portland, Me.	104.3	49.00	1½	2	2	8 -7 -47				102.1	49.00	8 -8 -48
Portland, Oreg.	120.0	54.00	1½	1½	1	7½-7½-45				120.0	54.00	7½-7½-45
Providence, R. I.	126.7	57.00	1½	2	2	7½-7½-45		18	133.4	122.2	55.00	7½-7½-45
Reading, Pa.	110.4	53.00	1½	1	1½	8 -8 -48				110.4	53.00	8 -8 -48
Richmond, Va.	107.8	48.50	1½	1½	1	7½-7½-45				101.0	48.50	8 -8 -48
Rochester, N. Y.	112.5	54.00	1½	1	1	8 -8 -48		2	156.3	112.5	54.00	8 -8 -48

⁶⁴ Full day's pay for 5 hours.

⁶⁵ Maximum 48, minimum 42 hours per week.

⁶⁶ Full day's pay for 4 hours.

⁶⁷ Full day's pay for 6 hours.

⁶⁸ Hours vary, but total 46 per week.

⁶⁹ Full day's pay for short day.

⁷⁰ For Saturday, 2.

⁷¹ Includes Polish text.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

COMPOSITORS, HAND: Night work—Continued

City	May 15, 1930							May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multi-plied by—</i>						<i>Cents per hour</i>	
Rock Island (Ill.) district.....	100.0	48.00	1½	1	(u)	8 - 8 - 48			100.0	48.00 8 - 8 - 48
Saginaw, Mich.....	95.0	45.60	1½	2	(u)	8 - 8 - 48			95.0	45.60 8 - 8 - 48
St. Louis, Mo.....	134.4	60.50	1½	1	(u)	7½-7½-45			127.8	57.50 7½-7½-45
German text.....	134.5	63.78	1½	1	1	8 - 8 - 40	12		134.5	63.78 8 - 8 - 40
St. Paul, Minn.....	108.0	51.84	1½	Pro.	(u)	8 - 8 - 48			108.0	51.84 8 - 8 - 48
Salt Lake City, Utah.....	121.4	52.20	1½	1	1	7 - 8 - 43			110.9	51.00 7½-8 - 45
San Francisco, Calif.....	126.7	57.00	1½	1½	(u)	7½-7½-45		139.3	126.7	57.00 7½-7½-45
Scranton, Pa.....	121.3	57.00	1½	1	1	8 - 8 - 47	18		121.3	57.00 7½-8 - 47
Seattle, Wash.....	130.4	54.75	1½	1½	(u)	7 - 7 - 42			130.4	54.75 7 - 7 - 42
Spokane, Wash.....	110.0	49.50	1½	1½	(u)	7½-7½-45			108.7	48.00 7½-7½-45
Springfield, Mass.....	108.3	48.75	1½	1½	1	7½-7½-45	63	110.6 to 119.4	106.1	47.75 7½-7½-45
Toledo, Ohio.....	117.7	56.50	1½	1	2	8 - 8 - 48	58	124.0 to 128.1	114.6	55.00 8 - 8 - 48
Washington, D. C.....	142.9	60.00	1½	1	(u)	7 - 7 - 42			142.9	60.00 7 - 7 - 42
Wichita, Kans.....	93.8	45.00	1½	1½	(u)	8 - 8 - 48		7	93.8	45.00 8 - 8 - 48
Worcester, Mass.....	106.3	51.00	1½	1½	1	8 - 8 - 48	27	Up to 104.2	106.3	51.00 8 - 8 - 48
York, Pa.....	66.7	32.00	1½	2	1	8 - 8 - 48		108.3 to 156.3	66.7	32.00 8 - 8 - 48
Youngstown, Ohio.....	121.5	56.50	1½	2	2	7½-7½-46½			121.5	56.50 7½-7½-46½

MACHINE OPERATORS: Day work

Atlanta, Ga.....	\$ 12.0		1½	1½	1	8 - 8 - 48			\$ 12.0	8 - 8 - 48
Baltimore, Md.....	114.8	50.50	1½	1	1	7½-7½-44			114.8	50.50 7½-7½-44
German text.....	90.9	40.00	1½	2	2	8 - 4 - 44	12			

Birmingham, Ala.:											
Time work	102.5	43.05	1 1/4	1 1/4	1	7 -7 -42			100.0	42.00	8 7 -7 -42
Piece work	⁸³ 14.5		1 1/4	1 1/4	1	7 -7 -42			⁸³ 14.3		8 7 -7 -42
Boston, Mass.	125.0	55.00	1 1/4	1 1/4	2	8 -8 -44	75	Not reported	125.0	55.00	8 8 -8 -44
Bridgeport, Conn.	100.0	48.00	1 1/4	1 1/4	2	8 -8 -48			91.7	44.00	8 8 -8 -48
Buffalo, N. Y.	108.3	52.00	1 1/4	1 1/4	2	8 -8 -48			106.3	51.00	8 8 -8 -48
German text	87.5	42.00	1 1/4	1 1/4	2	8 -8 -48			87.5	42.00	8 8 -8 -48
Butte, Mont.	106.7	48.00	1 1/4	1	(⁶⁴)	7 1/4 -7 1/4 -45			106.7	48.00	7 1/4 -7 1/4 -45
Charleston, S. C.	92.7	44.50	1 1/4	1 1/4	1	8 -8 -48			92.7	44.50	8 -8 -48
Chicago, Ill.:											
Union A.	130.3	57.34	1 1/4	1 1/4	⁸⁷ 1 1/4	8 -4 -44	12		130.3	57.34	8 -4 -44
Union B.	140.0	63.00	1 1/4	1 1/4		7 1/4 -7 1/4 -45	60	Average, 163.3	140.0	63.00	7 1/4 -7 1/4 -45
Bonus operators; not less than 4,500 ems per hour	⁷⁷ 113.0	⁷⁷ 50.85	1 1/4	1 1/4		7 1/4 -7 1/4 -45	41	Average, 124.1	⁷⁷ 113.0	⁷⁷ 50.85	7 1/4 -7 1/4 -45
Bohemian text	135.3	48.72	1 1/4	1 1/4	1 1/4	6 -6 -36	60	Average, 147.2	135.3	48.72	6 -6 -36
German text	143.0	57.20	1 1/4	1 1/4		8 -0 -40	12	Average, 156.3	145.0	58.00	8 8 -8 -40
Hebrew text	219.4	79.00	1 1/4	Pro.	1	6 -6 -36			214.7	77.30	6 -6 -36
Polish text	146.2	57.00	1 1/4	2	2	6 1/4 -6 1/4 -39	64	Average, 164.1	146.2	57.00	6 1/4 -6 1/4 -39
Cincinnati, Ohio	122.8	55.25	1 1/4	1 1/4	1	7 1/4 -7 1/4 -45			122.2	55.00	7 1/4 -7 1/4 -45
German text	93.8	45.00	1 1/4	150.0	150.0	8 -8 -48			90.6	43.50	8 8 -8 -48
Cleveland, Ohio	119.0	53.55	1 1/4	1 1/4	(⁶⁴)	7 1/4 -7 1/4 -45			119.0	53.55	7 1/4 -7 1/4 -45
German text	131.0	58.95	1 1/4	1 1/4	(⁶⁴)	7 1/4 -7 1/4 -45			131.0	58.95	7 1/4 -7 1/4 -45
Columbus, Ohio	114.6	55.00	1 1/4	2	(⁶⁴)	8 -8 -48			114.6	55.00	8 8 -8 -48
Dallas, Texas	⁸³ 16.3		1 1/4	1	1	6 -6 -36			⁸³ 16.3		6 -6 -36
Davenport, Iowa. (See Rock Island (Ill.) district.)											
Dayton, Ohio	112.0	51.50	1 1/4	1 1/4	⁸³ 1 1/4	7 1/4 -7 1/4 -46			108.7	50.00	7 1/4 -7 1/4 -46
Denver, Colo.	119.9	52.75	1 1/4	1 1/4	1	⁸⁷ 7 1/4 -14 1/4 -44			114.8	50.50	7 1/4 -14 1/4 -44
Des Moines, Iowa	100.0	48.00	1 1/4	1 1/4	1 1/4	8 -8 -48	31	Not reported	100.0	48.00	8 -8 -48
Detroit, Mich. ⁷⁸	131.0	58.95	1 1/4	1 1/4	1 1/4	7 1/4 -7 1/4 -45			130.0	58.50	7 1/4 -7 1/4 -45
German text	105.0	42.00	1 1/4	1 1/4	⁸³ 1 1/4	8 8 -8 -40			105.0	42.00	8 8 -8 -40
Erie, Pa.	111.1	50.00	1 1/4	1 1/4	1 1/4	8 -5 -45	12		104.2	50.00	8 8 -8 -48
Fall River, Mass.	95.8	46.00	1 1/4	2	2	8 -8 -48			87.5	42.00	8 8 -8 -48
Grand Rapids, Mich.	95.8	46.00	1 1/4	2	(⁶⁴)	8 -8 -48			95.8	46.00	8 8 -8 -48
Houston, Tex.:											
Rate A.	122.2	55.00	1 1/4	1	1	7 1/4 -7 1/4 -45			122.2	55.00	7 1/4 -7 1/4 -45
Rate B.	126.1	55.50	1 1/4	1	1	⁸⁷ 7 1/4 -14 -44			126.1	55.50	⁸⁷ 7 1/4 -14 -44
Indianapolis, Ind.	110.9	51.00	1 1/4	1 1/4	(⁶⁴)	7 1/4 -7 1/4 -46			110.9	51.00	7 1/4 -7 1/4 -46
Jacksonville, Fla.	100.0	48.00	1 1/4	1 1/4	1	8 -8 -48			100.0	48.00	8 8 -8 -48
Kansas City, Mo.	108.3	52.00	1 1/4	1 1/4	(⁶⁴)	8 -8 -48			108.3	52.00	8 8 -8 -48
Little Rock, Ark.	102.3	45.00	1 1/4	1 1/4	1	7 1/4 -7 1/4 -44	56	111.4	102.3	45.00	7 1/4 -7 1/4 -44
Piece work	⁸³ 12.5		1 1/4	1 1/4	1	7 1/4 -7 1/4 -44			⁸³ 12.5		7 1/4 -7 1/4 -44

⁸³ For Saturday afternoon, 1 1/4.⁸⁷ Per 1,000 ems nonpareil.⁸⁷ Full day's pay for 5 hours.⁷⁷ For Saturday afternoon, 2.⁶¹ Maximum 48, minimum 42 hours per week.⁶² Full day's pay for 4 hours.⁶³ Work 5 days per week.⁶⁴ Full day's pay for 5 1/4 hours.⁶⁴ Full day's pay for 6 hours.⁶⁷ Work 4 days and double shift on Saturday.⁶⁷ Full day's pay for short day.⁷¹ Includes Polish text.⁷¹ Friday and Saturday, 8 hours.⁷² Tuesday 7 hours.⁷³ Maximum 8 per day, 46 per week, minimum 7 hours per day, 44 per week.⁷⁷ And 1 cent additional per 100 ems over 4,500 ems per hour.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

MACHINE OPERATORS: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>					<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>		
Los Angeles, Calif.	117.8	53.00	1½	1½	1	7½-7½-45		4	124.4	117.8	53.00	7½-7½-45
Louisville, Ky.	93.8	45.00	1½	1½	1	8-8-48		26	Up to 100.0	93.8	45.00	8-8-48
German text.	86.8	33.40	1½	1½	1½	6-14½-38½	12			85.6	39.80	67 8-14½-46½
Madison, Wis.	95.8	46.00	1½	1½	2	8-8-48		44	Up to 106.3	93.8	45.00	8-8-48
Manchester, N. H.	88.9	40.00	1½	2	2	7½-6-45				83.3	40.00	8-8-48
Memphis, Tenn.	112.5		1½	1½	1	7½-7½-45				112.5		7½-7½-45
Milwaukee, Wis.	117.8	53.00	1½	2	2	7½-7½-45		45	135.6	110.4	53.00	8-8-48
German text.	100.0	48.00	1½	1½	1½	8-8-48				100.0	48.00	8-8-48
Minneapolis, Minn.:												
Rate A.	107.5	50.00	1½	2	(68)	7½-7½-46½		6	129.0 to 161.3	97.9	47.00	8-8-48
Rate B.	121.4	51.00	1½	2	(68)	7-7-42				121.4	51.00	7-7-42
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	89.6	43.00	1½	2	2	8-8-48				89.6	43.00	8-8-48
Nashville, Tenn.	87.5	42.00	1½	1½	1	8-8-48				84.4	40.50	8-8-48
Newark, N. J.	134.8	62.00	1½	1½	1½	7½-7½-46				134.8	62.00	7½-7½-46
German text.	130.0	52.00	1½	1½	1½	8-0-40	12					
New Haven, Conn.	93.8	45.00	1½	1½	2	8-8-48				91.7	44.00	8-8-48
New York, N. Y.	144.4	65.00	1½	2	1	7½-7½-45				144.4	65.00	7½-7½-45
Bohemian text.	144.4	52.00	1½	1½	(70)	6½-8½-36	12			138.9	50.00	6½-8½-36
German text.	146.7	55.00	1½	2	2	7½-7½-37½	12			146.7	55.00	68 7½-7½-37½
Hebrew text.	200.0	72.00	1½	2	2	6-6-36				195.8	70.50	6-6-36
Hellenic text.	135.7	57.00	1½	2	1½	7½-4½-42	12			135.7	57.00	7½-4½-42
Hungarian text.	169.4	61.00	1½	2	2	6-6-36				166.7	60.00	6-6-36
Italian text.	175.6	68.50	1½	1½	1½	6½-6½-39		25	201.3 to 226.9	166.7	65.00	6½-6½-39
Norfolk (Va.) district.	100.0	48.00	1½	2	2	8-8-48				97.9	47.00	8-8-48

Omaha, Nebr.	100.0	48.00	11½	1½	1½	8 -8 -48				99.0	47.50	8 -8 -48
Peoria, Ill.	104.3	48.00	11½	1	(u)	7½-7½-46				102.1	48.00	7½-7½-47
Philadelphia, Pa.	91.3	42.00	11½	1	1	7½-7½-46	100	Up to 110.9		91.3	42.00	7½-7½-46
German text.	106.3	42.50	11½	1	1	8 -0 -40	12			106.3	42.50	8 -0 -40
Hebrew text.	166.7	60.00	11½	1	1	6 -6 -36				166.7	60.00	6 -6 -36
Pittsburgh, Pa.	128.9	58.00	11½	1½	1½	7½-7½-45				126.7	57.00	7½-7½-45
Portland, Me.	95.8	46.00	11½	2	2	8 -8 -48				95.8	46.00	8 -8 -48
Portland, Oreg.	113.3	51.00	11½	1½	1	7½-7½-45				113.3	51.00	7½-7½-45
Providence, R. I.	112.5	54.00	11½	2	2	8 -8 -48				108.3	52.00	8 -8 -48
Piece work.	79 20.0		11½	2	2	8 8 -48				79 19.0		8 8 -48
Reading, Pa.	104.2	50.00	11½	1	1½	8 -8 -48				104.2	50.00	8 -8 -48
Richmond, Va.	94.8	45.50	11½	1½	2	8 -8 -48				94.8	45.50	8 -8 -48
Rochester, N. Y.	104.2	50.00	11½	2	2	8 -8 -48				104.2	50.00	8 -8 -48
German text.	77.1	37.00	11½	2	2	8 -8 -48				77.1	37.00	8 -8 -48
Rock Island (Ill.) district.	95.8	46.00	11½	1	(u)	8 -8 -48				95.8	46.00	8 -8 -48
Saginaw, Mich.	90.0	43.20	11½	2	(u)	8 -8 -48	46	Average, 97.3.		90.0	43.20	8 -8 -48
St. Louis, Mo.	120.7	55.50	11½	1	1	7½-7½-46				114.1	52.50	7½-7½-46
German text.	120.6	48.25	11½	1	1	6½-6½-40						
St. Paul, Minn.	101.3	48.60	11½	2	(u)	8 -8 -48				101.3	48.60	8 -8 -48
Piece work.	79 15.0		11½	2	2	8 -8 -48				79 15.0		8 -8 -48
Salt Lake City, Utah.	83 17.5		11½	1½	1½	7½-7½-45½				83 15.0		7½-7½-45½
San Francisco, Calif.	120.0	54.00	11½	1½	(u)	7½-7½-45				120.0	54.00	7½-7½-45
Scranton, Pa.	114.9	54.00	11½	1	1	8 -7 -47				114.9	54.00	8 -7 -47
Seattle, Wash.	123.2	51.75	11½	1½	(u)	7 -7 -42				123.2	51.75	7 -7 -42
Spokane, Wash.	83 103.3	83 46.50	11½	1½	(u)	7½-7½-45	79	102.8 to 107.2		83 100.0	83 45.00	7½-7½-45
Springfield, Mass.	100.6	45.25	11½	1½	1½	7½-7½-45	50	115.6 to 119.8		98.3	44.25	7½-7½-45
Toledo, Ohio.	109.4	52.80	11½	2	2	8 -8 -48				108.3	51.00	8 -8 -48
Washington, D. C.	128.6	54.00	11½	100c.	(u)	7 -7 -42				128.6	54.00	7 -7 -42
Wichita, Kans.	87.5	42.00	11½	1½	(u)	8 -8 -48				87.5	42.00	8 -8 -48
Worcester, Mass.	100.0	48.00	11½	2	1½	8 -8 -48	17	104.2 to 108.3.		100.0	48.00	8 -8 -48
York, Pa.	62.5	30.00	11½	2	1	8 -8 -48				62.5	30.00	8 -8 -48
Youngstown, Ohio.	115.1	53.50	11½	2	2	7½-7½-46½				115.1	53.50	7½-7½-46½

¹⁴ For Saturday afternoon, 1½.

¹⁵ Per 1,000 ems nonpareil.

¹⁶ Full day's pay for 5 hours.

¹⁷ Full day's pay for 4 hours.

¹⁸ Work 5 days per week.

¹⁹ Full day's pay for 5½ hours.

²⁰ Full day's pay for 6 hours.

²¹ Work 4 days and double shift on Saturday.

²² Full day's pay for short day.

²³ Work 8 hours on Wednesday.

²⁴ Off with pay.

²⁵ Maximum, 8 hours per day, 46 per week; minimum, 7 per day, 44 per week.

²⁶ Per 1,000 ems minlon.

²⁷ Per 1,000 ems agate.

²⁸ Maximum 48, minimum 36 hours per week.

²⁹ Full day's pay for 4½ hours.

³⁰ And bonus of 1 cent per 100 ems over 5,500 ems per hour.

³¹ Maximum 43½, minimum 36 hours per week.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

MACHINE OPERATORS: Night work

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Atlanta, Ga.	⁴⁸ 14.0		¹³ / ₂	¹³ / ₂	1	8 -8 -48				⁴⁸ 14.0		8 -8 -48
Baltimore, Md.	121.6	53.50	¹³ / ₂	¹³ / ₂	1	7 ¹ / ₂ -7 ¹ / ₂ -44				121.6	53.50	7 ¹ / ₂ -7 ¹ / ₂ -44
Birmingham, Ala.:												
Piece work	⁴⁸ 15.5		¹³ / ₂	¹³ / ₂	1	⁴¹ / ₂ 7 -7 -42				⁷⁸ 15.3		⁴¹ / ₂ 7 -7 -42
Time work	108.5	45.57	¹³ / ₂	¹³ / ₂	1	⁴¹ / ₂ 7 -7 -42				106.0	44.52	⁴¹ / ₂ 7 -7 -42
Boston, Mass.	129.0	56.76	¹³ / ₂	1	1	⁴¹ / ₂ 8 -8 -44		77	Not reported...	129.0	56.76	⁴¹ / ₂ 8 -8 -44
Bridgeport, Conn.	106.3	51.00	¹³ / ₂	2	2	8 -8 -48				97.9	47.00	8 -8 -48
Buffalo, N. Y.	116.7	56.00	¹³ / ₂	2	2	8 -8 -48				112.5	54.00	8 -8 -48
Butte, Mont.	113.3	51.00	¹³ / ₂	1	(⁶⁴ / ₂)	7 ¹ / ₂ -7 ¹ / ₂ -45				113.3	51.00	7 ¹ / ₂ -7 ¹ / ₂ -45
Charleston, S. C.	99.0	47.50	¹³ / ₂	¹³ / ₂	1	8 -8 -48				99.0	47.50	8 -8 -48
Chicago, Ill.:												
Union A.	153.3	61.30	¹³ / ₂	¹³ / ₂	⁷² / ₂ ¹³ / ₂	8 -0 -40	12			153.3	61.30	8 -0 -40
Union B.	151.1	68.00	¹³ / ₂	¹³ / ₂		7 ¹ / ₂ -7 ¹ / ₂ -45		59	166.7	151.1	68.00	7 ¹ / ₂ -7 ¹ / ₂ -45
Not less than 4,500 ems per hour.	⁷⁷ 125.0	⁷⁷ 56.25	¹³ / ₂	¹³ / ₂		7 ¹ / ₂ -7 ¹ / ₂ -45		63	Average, 136.1.	⁷⁷ 125.0	⁷⁷ 56.25	7 ¹ / ₂ -7 ¹ / ₂ -45
Bohemian text.	156.0	56.16	¹³ / ₂	¹³ / ₂	¹³ / ₂	6 -6 -36				156.0	56.16	6 -6 -36
Hebrew text.	292.6	79.00	¹³ / ₂		Pro. 1	4 ¹ / ₂ -4 ¹ / ₂ -27				286.3	77.30	4 ¹ / ₂ -4 ¹ / ₂ -27
Cincinnati, Ohio.	131.1	59.00	¹³ / ₂	¹³ / ₂	1	7 ¹ / ₂ -7 ¹ / ₂ -45				130.7	58.80	7 ¹ / ₂ -7 ¹ / ₂ -45
Cleveland, Ohio.	131.0	58.95	¹³ / ₂	¹³ / ₂	(⁶⁴ / ₂)	7 ¹ / ₂ -7 ¹ / ₂ -45		38		131.0	58.95	7 ¹ / ₂ -7 ¹ / ₂ -45
Columbus, Ohio.	122.9	59.00	¹³ / ₂	1	(⁶⁴ / ₂)	8 -8 -48				122.9	59.00	8 -8 -48
Dallas, Tex.	⁴⁸ 17.3		¹³ / ₂	1	1	6 -6 -36				⁴⁸ 17.3		6 -6 -36
Davenport, Iowa. (See Rock Island (Ill.) district.)												
Dayton, Ohio.	118.5	54.50	¹³ / ₂	¹³ / ₂	⁴² / ₂ ¹³ / ₂	⁴⁴ / ₂ 7 ¹ / ₂ -7 ¹ / ₂ -46				115.2	53.00	⁴⁴ / ₂ 7 ¹ / ₂ -7 ¹ / ₂ -46
Denver, Colo.	123.3	54.25	¹³ / ₂	¹³ / ₂	1	7 ¹ / ₂ -7 ¹ / ₂ -44				122.7	54.00	7 ¹ / ₂ -7 ¹ / ₂ -44
Des Moines, Iowa.	107.3	51.50	¹³ / ₂	¹³ / ₂	¹³ / ₂	8 -8 -48		24	Not reported...	107.3	51.50	8 -8 -48
Detroit, Mich. ⁷²	139.0	62.55	¹³ / ₂	¹³ / ₂	¹³ / ₂	7 ¹ / ₂ -7 ¹ / ₂ -45				138.0	62.10	7 ¹ / ₂ -7 ¹ / ₂ -45
Erie, Pa.	117.8	53.00	¹³ / ₂	¹³ / ₂	¹³ / ₂	8 -5 -45	12			110.4	53.00	8 -8 -45
Grand Rapids, Mich.	100.0	48.00	¹³ / ₂	2	(⁶⁴ / ₂)	8 -8 -48		40	102.1	100.0	48.00	8 -8 -48

Houston, Tex.	128.9	58.00	1 1/2	1	1	7 1/2-7 1/2-45				128.9	58.00	7 1/2-7 1/2-45
Indianapolis, Ind.	120.7	55.50	1 1/2	1 1/2	(w)	7 1/2-7 1/2-40				120.7	55.50	7 1/2-7 1/2-40
Jacksonville, Fla.	119.0	50.00	1 1/2	1	1	7 -7 -42				119.0	50.00	7 -7 -42
Kansas City, Mo.	114.6	55.00	1 1/2	1 1/2	(w)	8 -8 -48				114.6	55.00	8 -8 -48
Little Rock, Ark.	109.1	48.00	1 1/2	1	1	7 1/2-7 1/2-44		55	118.2	109.1	48.00	7 1/2-7 1/2-44
Piece work	¹³ 13.0		1 1/2	1	1	7 1/2-7 1/2-44				¹³ 13.0		7 1/2-7 1/2-44
Los Angeles, Calif.	124.4	56.00	1 1/2	1	1	7 1/2-7 1/2-45		5	181.1	124.4	56.00	7 1/2-7 1/2-45
Louisville, Ky.	100.0	48.00	1 1/2	1	1	8 -8 -48		13	Up to 104.2	100.0	48.00	8 -8 -48
Madison, Wis.	99.0	47.50	1 1/2	2	2	8 -8 -48		12	109.4	97.9	47.00	8 -8 -48
Manchester, N. H.	95.6	43.00	1 1/2	2	2	7 1/2-7 1/2-45				89.6	43.00	8 -8 -48
Memphis, Tenn.	¹³ 13.5		1 1/2	1 1/2	1	7 1/2-7 1/2-45		25	Up to 140.0	¹³ 13.5		7 1/2-7 1/2-45
Milwaukee, Wis.	128.9	58.00	1 1/2	1	1	7 1/2-7 1/2-45		100	Not reported	120.8	58.00	8 -8 -48
German text	110.4	53.00	1 1/2	1 1/2	(w)	8 -8 -48		22	129.0 to 161.3	110.4	53.00	8 -8 -48
Minneapolis, Minn.	114.0	53.00	1 1/2	1 1/2	(w)	7 1/2-7 1/2-40 1/2				104.2	50.00	8 -8 -48
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	93.8	45.00	1 1/2	2	2	8 -8 -48				93.8	45.00	8 -8 -48
Nashville, Tenn.	93.8	45.00	1 1/2	1	1	8 -8 -48				90.6	43.50	8 -8 -48
Newark, N. J.	141.3	65.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-46				141.3	65.00	7 1/2-7 1/2-46
New Haven, Conn.	100.0	48.00	1 1/2	1	1	8 -8 -48				97.9	48.00	8 -8 -48
New York, N. Y.	151.1	68.00	1 1/2	1	1	7 1/2-7 1/2-45				151.1	68.00	7 1/2-7 1/2-45
Third shift	169.0	71.00	1 1/2	1	1	7 -7 -42				169.0	71.00	7 -7 -42
German text	153.3	57.50	1 1/2	2	2	¹³ 7 1/2-7 1/2-37 1/2				153.3	57.50	¹³ 7 1/2-7 1/2-37 1/2
Hebrew text	266.7	72.00	1 1/2	2	2	4 1/2-4 1/2-27				261.1	70.50	4 1/2-4 1/2-27
Hungarian text	172.2	62.00	1 1/2	2	2	6 -6 -36						
Italian text	198.6	71.50	1 1/2	1 1/2	1 1/2	6 -6 -36		10	228.4	198.1	69.50	6 -6 -36
Third shift	202.8	73.00	1 1/2	1 1/2	1 1/2	6 -6 -36		30	230.6 to 258.8			
Norfolk, (Va.) district	106.3	51.00	1 1/2	1	1	8 -8 -48				104.2	50.00	8 -8 -48
Omaha, Nebr.	106.3	51.00	1 1/2	1 1/2	1 1/2	8 -8 -48				105.2	50.50	8 -8 -48
Peoria, Ill.	109.6	50.40	1 1/2	1	(w)	7 1/2-7 1/2-46				107.2	50.40	7 1/2-7 1/2-47
Philadelphia, Pa.	97.8	45.00	1 1/2	1	1	7 1/2-7 1/2-46		92	100.0 to 117.4	97.8	45.00	7 1/2-7 1/2-46
German text	112.5	45.00	1 1/2	1	1	8 -0 -40		12		112.5	45.00	8 -0 -40
Hebrew text	222.2	69.00	1 1/2	1	1	4 1/2-4 1/2-27				222.2	60.00	4 1/2-4 1/2-27
Pittsburgh, Pa.	135.6	61.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-45				133.3	60.00	7 1/2-7 1/2-45
Portland, Me.	104.3	49.00	1 1/2	2	2	8 -7 -47				102.1	40.00	8 -8 -48
Portland, Oreg.	120.0	54.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-45				120.0	54.00	7 1/2-7 1/2-45
Providence, R. I.	126.7	57.00	1 1/2	2	2	7 1/2-7 1/2-45				122.2	55.00	7 1/2-7 1/2-45
Piece work	¹³ 21.0		1 1/2	2	2	7 1/2-7 1/2-45				¹³ 20.0		7 1/2-7 1/2-45
Reading, Pa.	110.4	53.00	1 1/2	1	1 1/2	8 -8 -48				118.4	53.00	8 -8 -48
Richmond, Va.	107.8	48.50	1 1/2	1 1/2	1	7 1/2-7 1/2-45				101.0	48.50	8 -8 -48
Rochester, N. Y.	112.5	54.00	1 1/2	1	1	8 -8 -48				112.5	54.00	8 -8 -48
Rock Island (Ill.) district	100.0	48.00	1 1/2	1	(w)	8 -8 -48				100.0	48.00	8 -8 -48
Saginaw, Mich.	95.0	45.60	1 1/2	2	(w)	8 -8 -48		60	Average, 102.3	95.0	45.60	8 -8 -48
St. Louis, Mo.	134.4	60.50	1 1/2	1	1	7 1/2-7 1/2-45		12		127.8	57.50	7 1/2-7 1/2-45
German text	134.5	53.78	1 1/2	1 1/2	1 1/2	8 -0 -40				134.5	53.78	¹³ 8 -8 -40

¹³ Per 1,000 ems nonpareil.¹⁴ Full day's pay for 5 hours.¹⁵ Maximum 48, minimum 42 hours per week.¹⁶ Full day's per 4 hours.¹⁷ Work 5 day's per week.¹⁸ Full day's pay or 5 1/4 hours.¹⁹ Full day's pay for 6 hours.²⁰ Hours vary, but total 46 per week.²¹ Full day's pay for short day.²² For Saturday, 2.²³ Includes Polish text.²⁴ And 1 cent additional per 100 ems over 4,500 ems per hour.²⁵ Per 1,000 ems minion.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

MACHINE OPERATORS: Night work—Continued

City	May 15, 1930								May 15, 1929						
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week			
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week				
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars					
St. Paul, Minn.	108.0	51.84	1½			8	-8	-48	108.0	51.84	8	-8	-48		
Piece work	79 16.0		1½			8	-8	-48	79 16.0		8	-8	-48		
Salt Lake City, Utah	18.5		1½	1½	1	7½	-7½	43	139.5 to 209.3	16.0		7	-7½	43	
San Francisco, Calif.	126.7	57.00	1½	1½	(81)	7½	-7½	45		126.7	57.00	7½	-7½	45	
Scranton, Pa.	121.3	57.00	1½	1½	1	8	-8	-47		121.3	57.00	8	-8	-47	
Seattle, Wash.	130.4	54.75	1½	1½	(84)	7	-7	-42		130.4	54.75	7	-7	-42	
Spokane, Wash.	110.0	49.50	1½	1½	(84)	7½	-7½	45		108.7	48.00	7½	-7½	45	
Springfield, Mass.	108.3	48.75	1½	1½	1	7½	-7½	45	83	110.6 to 115.0	108.1	47.75	7½	-7½	45
Toledo, Ohio.	117.7	56.50	1½	1	2	8	-8	-48	67	124.0 to 128.1	114.6	55.00	8	-8	-48
Washington, D. C.	142.9	60.00	1½	1	(84)	7	-7	-42		142.9	60.00	7	-7	-42	
Wichita, Kans.	93.8	45.00	1½	1½	(88)	8	-8	-48		93.8	45.00	8	-8	-48	
Worcester, Mass.	106.3	51.00	1½	1½	1	8	-8	-48	29	110.4 to 114.6	106.3	51.00	8	-8	-48
York, Pa.	66.7	32.00	1½	2	1	8	-8	-48	44	68.8 to 72.9	66.7	32.00	8	-8	-48

MACHINE TENDERS (MACHINISTS): Day work

Atlanta, Ga.	103.1	49.50	1½	1½	1	8	-8	-48	100	104.2	103.1	49.50	8	-8	-48
Baltimore, Md.	114.8	50.50	1½	1	1	7½	-7½	44		114.8	50.50	7½	-7½	44	
Birmingham, Ala.	102.5	43.05	1½	1½	1	7	-7	-42	100	119.0 to 154.8	100.0	42.00	7	-7	-42
Boston, Mass.	125.0	55.00	1½	1½	2	8	-8	-44	100	Not reported	125.0	55.00	8	-8	-44
Bridgeport, Conn.	100.0	48.00	1½	2	2	8	-8	-48			91.7	44.00	8	-8	-48
Buffalo, N. Y.	116.7	56.00	1½	2	2	8	-8	-48			114.6	55.00	8	-8	-48
Butte, Mont.	106.7	48.00	1½	1	(84)	7½	-7½	45		106.7	48.00	7½	-7½	45	
Charleston, S. C.	96.9	46.50	1½	1½	1	8	-8	-48			96.9	46.50	8	-8	-48

Chicago, Ill.	140.0	63.00	1 1/2	1 1/2	7 1/2-7 1/2-45	60	Average, 155.6...	140.0	63.00	7 1/2-7 1/2-45
German text.	143.0	57.20	1 1/2	1 1/2	8-8-40					
Hebrew text.	219.4	79.00	1 1/2	Pro.	6-6-36			214.7	77.30	6-6-36
Polish text.	146.2	57.00	1 1/2	2	6 1/2-6 1/2-39	50	Average, 164.1...	146.2	57.00	6 1/2-6 1/2-39
Cincinnati, Ohio.	122.8	55.25	1 1/2	1 1/2	7 1/2-7 1/2-45			122.2	55.00	7 1/2-7 1/2-45
Assistants.	115.3	51.90	1 1/2	1 1/2	7 1/2-7 1/2-45			114.8	51.65	7 1/2-7 1/2-45
Helpers.	101.6	45.70	1 1/2	1 1/2	7 1/2-7 1/2-45			101.1	45.45	7 1/2-7 1/2-45
Cleveland, Ohio.	119.0	53.55	1 1/2	1 1/2	7 1/2-7 1/2-45	60		119.0	53.55	7 1/2-7 1/2-45
Columbus, Ohio.	114.6	55.00	1 1/2	2	8-8-48			114.6	55.00	8-8-48
Dallas, Tex.	106.3	51.00	1 1/2	1 1/2	8-8-48			106.3	51.00	8-8-48
Denver, Colo.	119.9	52.75	1 1/2	1 1/2	7 1/2-14 1/2-44			114.8	50.50	7 1/2-7 1/2-44
Des Moines, Iowa.	100.0	48.00	1 1/2	1 1/2	8-8-48			100.0	48.00	8-8-48
Detroit, Mich.	131.0	58.95	1 1/2	1 1/2	7 1/2-7 1/2-45			130.0	58.50	7 1/2-7 1/2-45
German text.	105.0	42.00	1 1/2	1 1/2	8-0-40					
Erie, Pa.	111.1	50.00	1 1/2	1 1/2	8-5-45	12		104.2	50.00	8-8-48
Fall River, Mass.	95.8	46.00	1 1/2	2	8-8-48			87.5	42.00	8-8-48
Grand Rapids, Mich.	95.8	46.00	1 1/2	2	8-8-48	75	104.2 to 125.0...			
Houston, Tex.	122.2	55.00	1 1/2	1	7 1/2-7 1/2-45			122.2	55.00	7 1/2-7 1/2-45
Indianapolis, Ind.	110.9	51.00	1 1/2	1 1/2	7 1/2-7 1/2-46			110.9	51.00	7 1/2-7 1/2-46
Jacksonville, Fla.	100.0	48.00	1 1/2	1 1/2	8-8-48			100.0	48.00	8-8-48
Kansas City, Mo.	108.3	52.00	1 1/2	1 1/2	8-8-48			108.3	52.00	8-8-48
Little Rock, Ark.	95.5	42.00	1 1/2	1 1/2	7 1/2-7 1/2-44	100	136.4...	91.3	42.00	7 1/2-7 1/2-46
Los Angeles, Calif.	117.8	53.00	1 1/2	1 1/2	7 1/2-7 1/2-45	50	124.4...	117.8	53.00	7 1/2-7 1/2-45
Louisville, Ky.	93.8	45.00	1 1/2	1 1/2	8-8-48	100	Up to 100.0...	93.8	45.00	8-8-48
Madison, Wis.	95.8	46.00	1 1/2	1 1/2	8-8-48	100	116.7...	93.8	45.00	8-8-48
Manchester, N. H.	88.9	40.00	1 1/2	2	7 1/2-6-45	50	Not reported...	83.3	40.00	8-8-48
Memphis, Tenn.	111.1	50.00	1 1/2	1 1/2	7 1/2-7 1/2-45			111.1	50.00	7 1/2-7 1/2-45
Milwaukee, Wis.	117.8	53.00	1 1/2	2	7 1/2-7 1/2-45	100		110.4	53.00	8-8-48
Minneapolis, Minn.: Rate A.	107.5	50.00	1 1/2	2	7 1/2-7 1/2-46 1/2			97.9	47.00	8-8-48
Rate B.	121.4	51.00	1 1/2	2	7-7-42			121.4	51.00	7-7-42
Nashville, Tenn.	90.6	43.50	1 1/2	1 1/2	8-8-48			84.4	40.50	8-8-48
Newark, N. J.	134.8	62.00	1 1/2	1 1/2	7 1/2-7 1/2-46			134.8	62.00	7 1/2-7 1/2-46
New Haven, Conn.	96.9	46.50	1 1/2	1 1/2	8-8-48			94.8	45.50	8-8-48
New York, N. Y.: 1 to 12 machines.	139.4	62.75	1 1/2	2	7 1/2-7 1/2-45			139.4	62.75	7 1/2-7 1/2-45
13 or more machines.	145.0	65.25	1 1/2	2	7 1/2-7 1/2-45			145.0	65.25	7 1/2-7 1/2-45
Norfolk, (Va.) district.	100.0	48.00	1 1/2	2	8-8-48			97.9	47.00	8-8-48
Omaha, Nebr.	100.0	48.00	1 1/2	1 1/2	8-8-48	83	125.0...	90.0	47.50	8-8-48
Peoria, Ill.	104.3	48.00	1 1/2	1	7 1/2-7 1/2-46			102.1	48.00	7 1/2-7 1/2-47
Philadelphia, Pa.	91.3	42.00	1 1/2	1 1/2	7 1/2-7 1/2-46	100	Up to 110.9...	91.3	42.00	7 1/2-7 1/2-46
Pittsburgh, Pa.	128.9	58.00	1 1/2	1 1/2	7 1/2-7 1/2-45			126.7	57.00	7 1/2-7 1/2-45

⁶³ Per 1,000 ems nonpareil.

⁶⁴ Full day's pay for 5 hours.

⁶⁵ Maximum 48, minimum 42 hours per week.

⁶⁶ Full day's pay for 4 hours.

⁶⁷ Work 5 days per week.

⁶⁸ Full day's pay for 5 1/2 hours.

⁶⁹ Full day's pay for 6 hours.

⁷⁰ Work 4 days and double shift on Saturday.

⁷¹ Full day's pay for short day.

⁷² Work 8 hours on Wednesday.

⁷³ Tuesday, 7 hours.

⁷⁴ Maximum 8 per day, 46 per week; minimum 7 per day, 44 per week.

⁷⁵ Per 1,000 ems agate.

⁷⁶ Maximum 48, minimum 36 hours per week.

⁷⁷ Full day's pay for 4 1/2 hours.

⁷⁸ And bonus of 1 cent per 100 ems over 5,500 ems per hour.

⁷⁹ Maximum 48, minimum 45 hours per week.

⁸⁰ Minimum 43, maximum 43 1/4 hours per week.

⁸¹ Reported erroneously in 1926.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

MACHINE TENDERS (MACHINISTS): Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour		Cents	Dollars	
Portland, Me.	95.8	46.00	1½	2	2	8-8-48				95.8	46.00	8-8-48
Portland, Oreg.	113.3	51.00	1½	1½	1	7½-7½-45				113.3	51.00	7½-7½-45
Providence, R. I.	112.5	54.00	1½	2	2	8-8-48		100	118.8 to 145.9	108.3	52.00	8-8-48
Reading, Pa.	104.2	50.00	1½	1	1½	8-8-48				104.2	50.00	8-8-48
Richmond, Va.	94.8	45.50	1½	1½	2	8-8-48				94.8	45.50	8-8-48
Rochester, N. Y.	104.2	50.00	1½	2	2	8-8-48		100	125.0	104.2	50.00	8-8-48
Rock Island (Ill.) district	100.0	48.00	1½	1	(45)	8-8-48						
St. Louis, Mo.	120.7	55.50	1½	1	1	7½-7½-46				114.1	52.50	7½-7½-46
St. Paul, Minn.	101.3	48.60	1½	2	(54)	8-8-48				101.3	48.60	8-8-48
Salt Lake City, Utah	106.7	49.06	1½	1½	1½	7½-8-46	71		123.3	104.3	48.00	7½-7½-46
San Francisco, Calif.	120.0	54.00	1½	1½	(51)	7½-7½-45				120.0	54.00	7½-7½-45
Scranton, Pa.	114.9	54.00	1½	1½	(51)	8-7-47				114.9	54.00	8-7-47
Seattle, Wash.	123.2	51.75	1½	1½	(54)	7-7-42				123.2	51.75	7-7-42
Spokane, Wash.	108.3	46.50	1½	1½	(64)	7½-7½-45				100.0	45.00	7½-7½-45
Springfield, Mass.	100.6	45.25	1½	1½	1½	7½-7½-45		100	107.2 to 111.7	98.3	44.25	7½-7½-45
Toledo, Ohio	109.4	52.50	1½	2	2	8-8-48		100	115.6 to 119.8	106.3	51.00	8-8-48
Washington, D. C.	128.6	54.00	1½	150c	(54)	7-7-42				128.6	54.00	7-7-42
Wichita, Kans.	87.5	42.00	1½	1½	(58)	8-8-48		100	Up to 104.2	87.5	42.00	8-8-48
Worcester, Mass.	100.0	48.00	1½	2	1½	8-8-48		100	106.3	100.0	48.00	8-8-48
Youngstown, Ohio	115.1	53.50	1½	2	2	7½-7½-46½				115.1	53.50	7½-7½-46½

MACHINE TENDERS (MACHINISTS): Night work

Atlanta, Ga.	109.4	52.50	1 1/2	1 1/2	1	8 - 8 - 48	100	125.0	109.4	52.50	8 - 8 - 48
Baltimore, Md.	121.6	53.50	1 1/2	1	1	7 3/4 - 7 3/4 - 44			121.6	53.50	7 3/4 - 7 3/4 - 44
Birmingham, Ala.	108.5	45.57	1 1/2	1 1/2	1	6 1/2 7 - 7 - 42	100	119.0 to 131.0	108.0	44.52	6 1/2 7 - 7 - 42
Boston, Mass.	129.0	56.76	1 1/2	1	1	6 1/2 8 - 8 - 44	100	Not reported	129.0	56.76	6 1/2 8 - 8 - 44
Buffalo, N. Y.	116.7	56.00	1 1/2	2	2	8 - 8 - 48			116.6	55.00	8 - 8 - 48
Butte, Mont.	113.3	51.00	1 1/2	1	(a)	7 3/4 - 7 3/4 - 45			113.3	51.00	7 3/4 - 7 3/4 - 45
Charleston, S. C.	103.1	49.50	1 1/2	1 1/2	1	8 - 8 - 48			103.1	49.50	8 - 8 - 48
Chicago, Ill.	151.1	68.00	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45	60	Average, 166.7	151.1	68.00	7 3/4 - 7 3/4 - 45
Cincinnati, Ohio	131.1	59.00	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45			130.7	58.80	7 3/4 - 7 3/4 - 45
Assistants	121.2	54.55	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45			120.8	54.35	7 3/4 - 7 3/4 - 45
Helpers	109.0	49.05	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45			108.6	48.85	7 3/4 - 7 3/4 - 45
Cleveland, Ohio	131.0	58.95	1 1/2	1 1/2	(a)	7 3/4 - 7 3/4 - 45			131.0	58.95	7 3/4 - 7 3/4 - 45
Columbus, Ohio	122.9	59.00	1 1/2	1	(a)	8 - 8 - 48			122.9	59.00	8 - 8 - 48
Dallas, Texas	110.4	53.00	1 1/2	1 1/2	1	8 - 8 - 48			110.4	53.00	8 - 8 - 48
Denver, Colo.	123.3	54.25	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 44			122.7	54.00	7 3/4 - 7 3/4 - 44
Des Moines, Iowa	107.3	51.50	1 1/2	1 1/2	1 1/2	8 - 8 - 48	67	Not reported	107.3	51.50	8 - 8 - 48
Detroit, Mich.	139.0	62.55	1 1/2	1 1/2	1 1/2	7 3/4 - 7 3/4 - 45			138.0	62.10	7 3/4 - 7 3/4 - 45
Erie, Pa.	117.8	53.00	1 1/2	1 1/2	1 1/2	8 - 5 - 45	12		110.4	53.00	8 - 8 - 48
Grand Rapids, Mich.	100.0	48.00	1 1/2	2	(a)	8 - 8 - 48	100	114.6	128.9	58.09	7 3/4 - 7 3/4 - 45
Houston, Tex.	128.9	58.00	1 1/2	1	1	7 3/4 - 7 3/4 - 45			120.7	55.50	7 3/4 - 7 3/4 - 45
Indianapolis, Ind.	120.7	55.50	1 1/2	1 1/2	(a)	7 3/4 - 7 3/4 - 45			114.6	55.00	8 - 8 - 48
Kansas City, Mo.	114.6	55.00	1 1/2	1 1/2	(a)	8 - 8 - 48			97.8	45.00	7 3/4 - 7 3/4 - 45
Little Rock, Ark.	102.3	45.00	1 1/2	1 1/2	2	7 3/4 - 7 3/4 - 44	100	147.7	124.4	56.00	7 3/4 - 7 3/4 - 45
Los Angeles, Calif.	124.4	56.00	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45	50	131.1	100.0	48.00	8 - 8 - 48
Louisville, Ky.	100.0	48.00	1 1/2	1 1/2	1	8 - 8 - 48	100	Up to 106.3	89.6	43.00	8 - 8 - 48
Manchester, N. H.	95.6	43.00	1 1/2	2	2	7 3/4 - 7 3/4 - 45	100	Not reported	117.8	53.00	7 3/4 - 7 3/4 - 45
Memphis, Tenn.	117.8	53.00	1 1/2	1 1/2	1	7 3/4 - 7 3/4 - 45			120.8	58.00	8 - 8 - 48
Milwaukee, Wis.	128.9	58.00	1 1/2	1	1	7 3/4 - 7 3/4 - 45			104.2	50.00	8 - 8 - 48
Minneapolis, Minn.	114.0	53.00	1 1/2	1 1/2	(a)	7 3/4 - 7 3/4 - 45			90.6	43.50	8 - 8 - 48
Nashville, Tenn.	114.6	55.00	1 1/2	1 1/2	1	8 - 8 - 48			141.3	65.00	7 3/4 - 7 3/4 - 45
Newark, N. J.	141.3	65.00	1 1/2	1 1/2	1 1/2	7 3/4 - 7 3/4 - 45			101.0	48.50	8 - 8 - 48
New Haven, Conn.	103.1	49.50	1 1/2	1	1	8 - 8 - 48					
New York, N. Y.:											
1 to 12 machines	150.6	67.75	1 1/2	1	1	7 3/4 - 7 3/4 - 45			150.6	67.75	7 3/4 - 7 3/4 - 45
13 or more machines	156.1	70.25	1 1/2	1	1	7 3/4 - 7 3/4 - 45			156.1	70.25	7 3/4 - 7 3/4 - 45
Third shift—											
1 to 12 machines	161.3	67.75	1 1/2	1	1	7 - 7 - 42			161.3	67.75	7 - 7 - 42
13 or more machines	167.3	70.25	1 1/2	1	1	7 - 7 - 42			167.3	70.25	7 - 7 - 42
Norfolk (Va.) district	106.3	51.00	1 1/2	2	1	8 - 8 - 48			104.2	50.00	8 - 8 - 48
Omaha, Nebr.	106.3	51.00	1 1/2	1 1/2	1 1/2	8 - 8 - 48	33	126.0	105.2	50.50	8 - 8 - 48
Peoria, Ill.	109.6	50.40	1 1/2	1	(a)	7 3/4 - 7 3/4 - 45			107.2	50.40	7 3/4 - 7 3/4 - 45

(a) Full day's pay for 5 hours.

(b) Maximum 48, minimum 42 hours per week.

(c) Full day's pay for 4 hours.

(d) Full day's pay for 5 1/4 hours.

(e) Full day's pay for 6 hours.

(f) Full day's pay for short day.

(g) Thursday and Friday, 8 hours.

(h) Maximum 8 per day, 46 per week; minimum 7 per day, 44 per week.

(i) Full day's pay for 4 1/2 hours.

(j) Maximum 48, minimum 45 hours per week.

(k) Reported erroneously in 1929.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

MACHINE TENDERS (MACHINISTS): Night work—Continued

City	May 15, 1930							May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	
	Cents	Dollars	Regular rate multi-plied by—						Cents per hour	
Philadelphia, Pa.	97.8	45.00	1½	1½	1	7½-7½-46		100	Up to 117.4	97.8 45.00 7½-7½-46
Hebrew text.	222.2	60.00	1½	1½	1	4½-4½-27			222.2 60.00 4½-4½-27	
Pittsburgh, Pa.	135.6	61.00	1½	1½	1½	7½-7½-45			133.3 60.00 7½-7½-45	
Portland, Me.	104.3	49.00	1½	2	2	8-7-47			102.1 49.00 8-8-48	
Portland, Oreg.	120.0	54.00	1½	1½	1	7½-7½-45			120.0 54.00 7½-7½-45	
Providence, R. I.	126.7	57.00	1½	2	2	7½-7½-45		100	126.7 to 155.6	122.2 55.00 7½-7½-45
Richmond, Va.	107.8	48.50	1½	1½	1	7½-7½-45			101.0 48.50 8-8-48	
Rochester, N. Y.	112.5	54.00	1½	1	1	8-8-48		50	125.0	112.5 54.00 8-8-48
St. Louis, Mo.	134.4	60.50	1½	1	1	7½-7½-45			127.8 57.50 7½-7½-45	
St. Paul, Minn.	108.0	51.84	1½		(M)	8-8-48			108.0 51.84 8-8-48	
Salt Lake City, Utah.	121.4	52.20	1½	1½	1	7-8-43			110.9 51.00 7½-8-46	
San Francisco, Calif.	126.7	57.00	1½	1½	(M)	7½-7½-45			126.7 57.00 7½-7½-45	
Scranton, Pa.	121.3	57.00	1½	1½	1	7½-8-47	78		121.3 57.00 78 8-8-47	
Seattle, Wash.	130.4	54.75	1½	1½	(M)	7-7-42			130.4 54.75 7-7-42	
Spokane, Wash.	110.0	49.50	1½	1½	(M)	7½-7½-45	78		106.7 48.00 78 7½-7½-45	
Springfield, Mass.	119.4	53.75	1½	1½	1	7½-7½-45			117.2 52.75 7½-7½-45	
Toledo, Ohio.	117.7	56.50	1½	1	2	8-8-48		100	124.0 to 128.1	114.6 55.00 8-8-48
Washington, D. C.	142.9	60.00	1½	1	(M)	7-7-42			142.9 60.00 7-7-42	
Wichita, Kans.	93.8	45.00	1½	1½	(M)	8-8-48		100	Up to 100.0	93.8 45.00 8-8-48
Worcester, Mass.	106.3	51.00	1½	1½	1	8-8-48		100	112.5	106.3 51.00 8-8-48

MACHINIST OPERATORS: Day work

Davenport, Iowa. (See Rock Island (Ill.) district.)	115.6	52.00	1½	1½	1½	8 -5 -45	12			108.3	52.00	8 -8 -48
Erie, Pa.												
Moline, Ill. (See Rock Island (Ill.) district.)												
Muskegon, Mich.	104.2	50.00	1½	2	2	8 -8 -48				102.1	49.00	8 -8 -48
Norfolk (Va.) district	100.0	48.00	1½	2	2	8 -8 -48				97.9	47.00	8 -8 -48
Portland, Me.	95.8	46.00	1½	2	2	8 -8 -48		50	116.7			
Reading, Pa.	109.2	52.40	1½	1	1½	8 -8 -48				109.2	52.40	8 -8 -48
Rock Island (Ill.) district	100.0	48.00	1½	1	(u)	8 -8 -48				100.0	48.00	8 -8 -48
Saginaw, Mich.	90.0	43.20	1½	2	(u)	8 -8 -48		100	98.3			
Seattle, Wash.	133.9	56.25	1½	1½	(u)	7 -7 -42				133.9	56.25	7 -7 -42
Spokane, Wash.	110.0	49.50	1½	1	(u)	7½-7½-45				106.7	48.00	7½-7½-45
Toledo, Ohio	109.4	52.50	1½	2	2	8 -8 -48		100	115.6 to 119.8	106.3	51.00	8 -8 -48
York, Pa.	83.3	40.00	1½	2	1	8 -8 -48				83.3	40.00	8 -8 -48

MACHINIST OPERATORS: Night work

Erie, Pa.	122.2	55.00	1½	1½	1½	8 -5 -45	12			114.6	55.00	8 -8 -48
Kansas City, Mo.	114.6	55.00	1½	1½	(u)	8 -8 -48						
Madison, Wis.	101.0	48.50	1½	1½	2	8 -8 -48		100	107.3 to 111.6	97.9	47.00	8 -8 -48
Portland, Me.	104.3	49.0	1½	2	2	8 -7 -47		50	110.6			
Reading, Pa.	115.4	55.40	1½	1	1½	8 -8 -48				115.4	55.40	8 -8 -48
Scranton, Pa.	123.4	58.00	1½	1½	1	8 -8 -47				123.4	58.00	8 -8 -47
Seattle, Wash.	141.1	59.25	1½	1½	(u)	7 -7 -42				141.1	59.25	7 -7 -42
Spokane, Wash.	116.7	52.50	1½	1½	(u)	7½-7½-45				113.3	51.00	7½-7½-45
Toledo, Ohio	117.7	56.50	1½	1	2	8 -8 -48		100	124.0 to 128.1	114.6	55.00	8 -8 -48

PHOTO-ENGRAVERS: Day work

Baltimore, Md.	131.8	58.00	1½	2	2	7½-7½-44				131.8	58.00	7½-7½-44
Birmingham, Ala.	125.0	55.00	1½	1½	1	7½-7½-44				125.0	55.00	7½-7½-44
Boston, Mass.	136.4	60.00	1½	1½	1	8 -4 -44				136.4	60.00	8 -4 -44
Color film layers	155.7	68.50	1½	1½	1	8 -4 -44				155.7	68.50	8 -4 -44
Rotogravure photographers, retouchers, layout men, and etchers	136.4	60.00	1½	1½	1	8 -4 -44				136.4	60.00	8 -4 -44
Cylinder grinders and cylinder stagers	136.4	60.00	1½	1½	1	8 -4 -44				136.4	60.00	8 -4 -44

⁵⁴ Full day's pay for 5 hours.

⁵⁵ Full day's pay for 5½ hours.

⁵⁶ Full day's pay for 6 hours.

⁵⁷ Full day's pay for short day.

⁵⁸ Friday and Saturday, 8 hours.

⁵⁹ Tuesday, 7 hours.

⁶⁰ Maximum 8 per day, 46 per week; minimum 7 per day, 44 per week.

⁶¹ Full days pay for 4½ hours.

⁶² Maximum 8 per day, 44 per week; minimum 7 per day.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PHOTO-ENGRAVERS: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
Buffalo, N. Y.	130.7	57.50	1½	2	2	8 -4 -44	12	33	136.4 to 147.7	125.0	55.00	8 -4 -44
Chicago, Ill.	130.7	57.50	1½	2	2	7½-7½-44		67	136.4 to 143.2	130.7	57.50	7½-7½-44
Cincinnati, Ohio.	112.5	54.00	1½	1	1	8 -8 -48				112.5	54.00	8 -8 -48
Cleveland, Ohio.	125.0	55.00	1½	1½	1½	7½-7½-44				125.0	55.00	7½-7½-44
Columbus, Ohio.	147.7	65.00	1½	2	2	8 -8 -44	100		Not reported	145.5	64.00	8 -8 -44
Dallas, Tex.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Dayton, Ohio.	138.6	61.00	1½	2	2	7½-7½-44				129.5	57.00	7½-7½-44
Denver, Colo.	96.6	42.50	1	2	2	7½-7½-44		100	114.8 to 181.8	96.6	42.50	7½-7½-44
Des Moines, Iowa.	113.6	50.00	1½	2	2	8 -4 -44	12	100	142.0	113.6	50.00	8 -4 -44
Detroit, Mich.	125.0	55.00	1½	2	2	7½-7½-44		60		125.0	55.00	8 -4 -44
Grand Rapids, Mich.	113.6	50.00	1½	3	3	7½-7½-44		100	Average, 125.0	119.3	52.50	8 -4 -44
Houston, Tex.	125.0	55.00	1½	2	2	7½-7½-44				125.0	55.00	8 -4 -44
Indianapolis, Ind.	125.0	55.00	1½	2	2	7½-7½-44				125.0	55.00	7½-7½-44
Kansas City, Mo.	131.8	58.00	1½	(*)	(*)	7½-7½-44		88	Up to 147.7	129.5	57.00	7½-7½-44
Los Angeles, Calif.	125.0	55.00	1½	2	2	8 -4 -44	12	100	136.4	125.0	55.00	7½-7½-44
Memphis, Tenn.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Milwaukee, Wis.	130.7	57.50	1½	2	2	7½-7½-44		100	145.5	130.7	57.50	7½-7½-44
Minneapolis, Minn.	113.6	50.00	1½	2	2	8 -4 -44	12	84	125.0 to 227.3	109.1	48.00	7½-7½-44
Newark, N. J.	143.2	63.00	1½	3	2	7½-7½-44				143.2	63.00	7½-7½-44
New York, N. Y.	154.5	68.00	1½	1½	2	7½-7½-44				150.0	66.00	7½-7½-44
Omaha, Nebr.	125.0	55.00	1½	2	2	8 -4 -44	12	100	Average, 136.4	113.6	50.00	8 -4 -44
Philadelphia, Pa.	136.4	60.00	1½	1	1	7½-7½-44		24	138.6	131.8	58.00	7½-7½-44
Pittsburgh, Pa.	136.4	54.56	1½	3	3	8 -0 -40	12			136.4	60.00	8 -4 -44
Portland, Oreg.	125.0	55.00	1½	1½	1½	8 -4 -44	12			125.0	55.00	7½-7½-44
Providence, R. I.	137.9	60.00	1½	2	1½	7½-7½-43½		10	Not reported	133.3	58.00	7½-7½-43½
Richmond, Va.	125.0	55.00	1½	2	2	8 -4 -44	12			125.0	55.00	8 -4 -44
Rochester, N. Y.	125.0	55.00	1½	2	2	8 -4 -44	12	75	147.7	125.0	55.00	8 -4 -44

St. Louis, Mo.	127.3	58.00	1 1/2	1 1/2	2	7 1/2-7 1/2-44			127.3	58.00	7 1/2-7 1/2-44	
St. Paul, Minn.	113.6	50.00	1 1/2	2	2	8 -4 -44	12	100	Up to 159.0	109.1	48.00	7 1/2-7 1/2-44
Salt Lake City, Utah	125.0	55.00	1 1/2	2	2	8 -4 -44	12					7 1/2-7 1/2-44
San Francisco, Calif.	120.0	54.00	1 1/2	2	1	7 1/2-7 1/2-45		50	Up to 144.4	122.2	55.00	7 1/2-7 1/2-45
Scranton, Pa.	125.0	55.00	1 1/2	2	2	8 -4 -44	12			119.3	52.50	8 -4 -44
Seattle, Wash.	121.4	51.00	1 1/2	2	2	7 -7 -42				121.4	51.00	7 -7 -42
Springfield, Mass.	113.6	50.00	1 1/2	2	2	8 -4 -44	12	100	119.3 to 136.4	113.6	50.00	8 -4 -44
Washington, D. C.	140.9	62.00	1 1/2	2	2	7 1/2-7 1/2-44				136.4	60.00	7 1/2-7 1/2-44
Wichita, Kans.	125.0	55.00	1 1/2	2	2	7 1/2-7 1/2-44				125.0	55.00	7 1/2-7 1/2-44
Worcester, Mass.	102.3	45.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-44		100	113.6 to 125.0	102.3	45.00	7 1/2-7 1/2-44

PHOTO-ENGRAVERS: Night work

Baltimore, Md.	157.5	63.00	1 1/2	2	2	6 3/4-6 3/4-40			157.5	63.00	6 3/4-6 3/4-40	
Birmingham, Ala.	136.4	60.00	1 1/2	1 1/2	1	7 1/2-7 1/2-44			136.4	60.00	7 1/2-7 1/2-44	
Boston, Mass.	143.2	63.00	1 1/2	1 1/2	1	8 -8 -44			143.2	63.00	8 -8 -44	
Chicago, Ill.	150.0	63.00	1 1/2	2	2	7 -7 -42	67	104.8 to 161.9	150.0	63.00	7 -7 -42	
Cincinnati, Ohio.	118.8	57.00	1 1/2	1	1	8 -8 -48			118.8	57.00	8 -8 -48	
Cleveland, Ohio.	136.4	60.00	1 1/2	1 1/2	1 1/2	7 1/2-7 1/2-44			136.4	60.00	7 1/2-7 1/2-44	
Columbus, Ohio.	154.5	68.00	1 1/2	2	2	8 -8 -44	88		150.0	66.00	8 -8 -44	
Dallas, Tex.	150.0	60.00	1 1/2	2	2	6 3/4-6 3/4-40			150.0	60.00	6 3/4-6 3/4-40	
Dayton, Ohio	165.0	66.00	1 1/2	2	2	8 -8 -44			140.9	62.00	7 1/2-7 1/2-44	
Denver, Colo.	112.5	45.00	1	2	2	6 3/4-6 3/4-40	100	143.8 to 147.5	112.5	45.00	6 3/4-6 3/4-40	
Des Moines, Iowa.	137.5	55.00	1 1/2	2	2	7 -5 -40	12	100	156.3	137.5	55.00	7 -5 -40
Detroit, Mich.	136.4	60.00	1 1/2	2	2	7 1/2-7 1/2-44			142.9	60.00	7 -7 -42	
Grand Rapids, Mich.	131.0	55.00	1 1/2	3	3	7 -7 -42	100	Average, 142.9	131.0	55.00	7 -7 -42	
Houston, Tex.	150.0	60.00	1 1/2	2	2	6 3/4-6 3/4-40			142.9	60.00	7 -7 -42	
Indianapolis, Ind.	136.4	60.00	1 1/2	2	2	7 1/2-7 1/2-44			136.4	60.00	7 1/2-7 1/2-44	
Kansas City, Mo.	133.4	60.00	1 1/2	(88)	(88)	7 1/2-7 1/2-44	86	Up to 147.7	134.1	59.00	7 1/2-7 1/2-44	
Los Angeles, Calif.	140.5	59.00	1 1/2	2	1	7 -7 -42	100	145.8	140.5	59.00	7 -7 -42	
Memphis, Tenn.	150.0	60.00	1 1/2	2	2	8 -0 -40	12		150.0	60.00	8 -0 -40	
Milwaukee, Wis.	156.3	62.50	1 1/2	2	2	6 3/4-6 3/4-40		100	172.5 to 175.0	156.3	62.50	6 3/4-6 3/4-40
Minneapolis, Minn.	137.5	55.00	1 1/2	2	2	7 -5 -40	12	100	150.0 to 155.0	120.5	53.00	7 1/2-7 1/2-44
Newark, N. J.	177.5	71.00	1 1/2	2	1	6 3/4-6 3/4-40			177.5	71.00	6 3/4-6 3/4-40	
New York, N. Y.	190.0	76.00	1 1/2	1 1/2	2	6 3/4-6 3/4-40			185.0	74.00	8 -0 -40	
Omaha, Nebr.	162.5	65.00	1 1/2	2	2	8 -0 -40	12					
Philadelphia, Pa.	143.2	63.00	1 1/2	1	1	7 1/2-7 1/2-44		93	147.7	138.6	61.00	7 1/2-7 1/2-44
Pittsburgh, Pa.	150.0	63.00	1 1/2	3	3	7 -7 -42				150.0	63.00	7 -7 -42
Portland, Oreg.	138.1	58.00	1 1/2	1 1/2	1 1/2	7 -7 -42				131.8	58.00	7 1/2-7 1/2-44
Providence, R. I.	147.1	64.00	1 1/2	2	1 1/2	7 1/2-7 1/2-43 1/2		11	158.6	142.5	62.00	7 1/2-7 1/2-43 1/2
Richmond, Va.	150.0	60.00	1 1/2	2	2	6 3/4-6 3/4-40				150.0	60.00	6 3/4-6 3/4-40
Rochester, N. Y.	150.0	60.00	1 1/2	2	2	8 -0 -40	12			150.0	60.00	6 3/4-6 3/4-40
St. Louis, Mo.	145.2	61.00	1 1/2	1 1/2	1 1/2	7 -7 -42				145.2	61.00	7 -7 -42

¹⁴ For Saturday afternoon, 1 1/2.

¹⁵ Full day's pay for short day.

¹⁶ Thursday and Friday, 8 hours.

¹⁷ Monday and Tuesday, 6 hours.

¹⁸ Hours vary, but total 44 per week.

¹⁹ Monday and Tuesday, 7 hours.

²⁰ Maximum 8 per day, 44 per week; minimum 6 per day.

²¹ Hours vary, but total 40 hours per week.

²² Friday, 7 hours.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PHOTO-ENGRAVERS: Night work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—						Cents per hour	Cents	Dollars	
St. Paul, Minn.....	137.5	55.00	1½	2	2	7 -5 -40	12	100	Up to 162.5.....	120.5	53.00	7½-6¼-44
Salt Lake City, Utah.....	138.1	58.00	1½	2	2	7 -7 -42		100	142.9.....			
San Francisco, Calif.....	127.0	57.00	1½	2	1	7½-7½-45		44	Up to 144.4.....	122.2	55.00	7½-7½-45
Seattle, Wash.....	132.1	55.50	1½	2	2	7 -7 -42				132.1	55.50	7 -7 -42
Springfield, Mass.....	137.5	55.00	1½	2	1½	6¾-6¾-40				137.5	55.00	6¾-6¾-40
Washington, D. C.....	167.5	67.00	1½	2	2	6¾-6¾-40				162.5	65.00	6¾-6¾-40
Worcester, Mass.....	113.6	50.00	1½	1	1	7½-7½-44		100	125.0 to 136.4.....	113.6	50.00	7½-7½-44

PRESSMEN, WEB: Day work

Atlanta, Ga.:												
In charge.....	100.0	48.00	1½	1½	1	8 -8 -48		29	112.5.....	100.0	48.00	8 -8 -48
Journeyman.....	93.8	45.00	1½	1½	1	8 -8 -48				93.8	45.00	8 -8 -48
Baltimore, Md.:												
In charge.....	110.4	53.00	1½	1½	1	8 -8 -48				106.3	51.00	8 -8 -48
Journeyman.....	97.9	47.00	1½	1½	1	8 -8 -48				93.8	45.00	8 -8 -48
Birmingham, Ala.:												
In charge.....	106.3	51.00	1½	1½	1	8 -8 -48				96.9	46.50	8 -8 -48
Journeyman.....	100.0	48.00	1½	1½	1	8 -8 -48				87.5	42.00	8 -8 -48
Boston, Mass.:												
In charge.....	105.6	50.70	150c.	2	2	8 -8 -48				105.6	50.70	8 -8 -48
Journeyman.....	93.1	44.70	130c.	2	2	8 -8 -48				93.1	44.70	8 -8 -48

⁶⁷ Work 4 days per week and double shift on Saturday.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PRESSMEN, WEB: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multi-plied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
Kansas City, Mo.:												
In charge.....	102.1	49.00	1½	1	1	8 -8 -48				97.9	47.00	8 -8 -48
Journeymen.....	95.8	46.00	1½	1	1	8 -8 -48				91.7	44.00	8 -8 -48
Tension men.....	98.9	47.50	1½	1	1	8 -8 -48				94.8	45.50	8 -8 -48
Gravure work.....	108.9	49.00	1½	1	1	7½-7½-48						
Little Rock, Ark.:												
In charge.....	90.6	43.50	1½	1	1	8 -8 -48				87.5	42.00	8 -8 -48
Journeymen.....	87.5	42.00	1½	1	1	8 -8 -48				81.3	39.00	8 -8 -48
Los Angeles, Calif.:												
In charge.....	113.3	51.00	1½	(u)	(u)	7½-7½-45				113.3	51.00	7½-7½-45
Journeymen.....	106.7	48.00	1½	(u)	(u)	7½-7½-45				106.7	48.00	7½-7½-45
Louisville, Ky.:												
In charge.....	100.0	48.00	1½	2	2	8 -8 -48				100.0	48.00	8 -8 -48
Journeymen.....	93.8	45.00	1½	2	2	8 -8 -48				93.8	45.00	8 -8 -48
Madison, Wis.:												
In charge.....	89.6	43.00	1½	1½	2	8 -8 -48		50	95.8	89.6	43.00	8 -8 -48
Journeymen.....	83.3	40.00	1½	1½	2	8 -8 -48		60	87.5	83.3	40.00	8 -8 -48
Manchester, N. H.:												
In charge.....	91.7	44.00	1½	2	2	8 -8 -48				91.7	44.00	8 -8 -48
Journeymen.....	83.3	40.00	1½	2	2	8 -8 -48				83.3	40.00	8 -8 -48
Memphis, Tenn.:												
In charge.....	109.4	52.50	1½	1	1	8 -8 -48				106.3	51.00	8 -8 -48
Journeymen.....	100.0	48.00	1½	1	1	8 -8 -48				96.9	46.50	8 -8 -48
Milwaukee, Wis.:												
In charge.....	114.9	51.69	1½	2	2	7½-7½-45				107.8	51.69	8 -8 -48
Journeymen.....	106.0	47.69	1½	2	2	7½-7½-45				99.3	47.69	8 -8 -48

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PRESSMEN, WEB: Day work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multi-plied by—					Cents per hour	Cents	Dollars		
Salt Lake City, Utah:												
In charge.....	106.3	51.00	1½	1	1	8 -8 -48				101.0	48.50	8 -8 -48
Journeyman.....	93.8	45.60	1½	1	1	8 -8 -48				88.5	42.50	8 -8 -48
San Francisco, Calif.:												
In charge.....	116.7	52.50	1½	1	1	7½-7½-45				116.7	52.50	7½-7½-45
Journeyman.....	110.0	49.50	1½	1	1	7½-7½-45				110.0	49.50	7½-7½-45
Scranton, Pa.:												
First pressmen.....	128.6	54.00	1½	2	#1	7 -7 -42				128.6	54.00	7 -7 -42
Second pressmen.....	121.4	51.00	1½	2	#1	7 -7 -42				121.4	51.00	7 -7 -42
Third pressmen.....	116.7	49.00	1½	2	#1	7 -7 -42				116.7	49.00	7 -7 -42
Fourth pressmen.....	114.3	48.00	1½	2	#1	7 -7 -42				114.3	48.00	7 -7 -42
Seattle, Wash.:												
In charge.....	121.7	54.75	1½	1½	1½	7½-7½-45				121.7	54.75	7½-7½-45
In charge color press.....	125.0	56.25	1½	1½	1½	7½-7½-45				125.0	56.25	7½-7½-45
Journeyman.....	115.0	51.75	1½	1½	1½	7½-7½-45				115.0	51.75	7½-7½-45
Spokane, Wash.:												
In charge.....	103.1	49.50	1½	1½	1	8 -8 -48				119.3	52.50	7½-7½-44
Journeyman.....	96.9	46.50	1½	1½	1	8 -8 -48				105.7	46.50	7½-7½-44
Springfield, Mass.:												
In charge.....	106.3	51.00	1½	2	2	8 -8 -48		33	135.4	106.3	51.00	8 -8 -48
Journeyman.....	93.8	45.00	1½	2	2	8 -8 -48				93.8	45.00	8 -8 -48
Toledo, Ohio:												
In charge.....	112.5	54.00	1½	2	2	8 -8 -48				110.4	53.00	8 -8 -48
Journeyman.....	100.0	48.00	1½	2	2	8 -8 -48				97.9	47.00	8 -8 -48
Assistant in charge offside men.....	106.3	51.00	1½	2	2	8 -8 -48				104.2	50.00	8 -8 -48
Washington, D. C.:												
In charge.....	116.7	56.00	1½	(5)	(5)	8 -8 -48				112.5	54.00	8 -8 -48
Journeyman.....	104.2	50.00	1½	(5)	(5)	8 -8 -48				100.0	48.00	8 -8 -48

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PRESSMEN, WEB: Night work—Continued

City	May 15, 1930									May 15, 1929		
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of mem-bers	Amount or range of wages received	Per hour	Per full-time week	
Columbus, Ohio:	<i>Cents</i>	<i>Dollars</i>	<i>Regular rate multiplied by—</i>						<i>Cents per hour</i>	<i>Cents</i>	<i>Dollars</i>	
In charge.....	119.8	57.50	1 $\frac{1}{2}$	1	1	8 -8 -48				115.6	55.50	8 -8 -48
Journeyman.....	110.4	53.00	1 $\frac{1}{2}$	1	1	8 -8 -48				106.3	51.00	8 -8 -48
Dallas, Texas:												
In charge.....	112.0	53.76	1 $\frac{1}{2}$	1	1	8 -8 -48						
Journeyman.....	99.5	47.76	1 $\frac{1}{2}$	1	1	8 -8 -48		10	Not reported	96.9	46.50	8 -8 -48
Dayton, Ohio:												
In charge.....	118.8	57.00	1 $\frac{1}{2}$	1	2	8 -8 -48				115.6	55.50	8 -8 -48
Journeyman.....	109.4	52.50	1 $\frac{1}{2}$	1	2	8 -8 -48				106.3	51.00	8 -8 -48
Denver, Colo.:												
In charge.....	117.4	50.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1	7 -8 -43				117.4	50.50	7 -8 -43
Journeyman.....	107.0	46.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1	7 -8 -43				107.0	46.00	7 -8 -43
Des Moines, Iowa: Journeymen.....	104.2	50.00	1 $\frac{1}{2}$	1	1	8 -8 -48		17	Not reported	102.1	49.00	8 -8 -48
Detroit, Mich.:												
In charge.....	136.4	60.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	7 -8 -44				129.5	57.00	7 -8 -44
Journeyman.....	122.7	54.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	7 -8 -44				115.9	51.00	7 -8 -44
Houston, Tex.:												
In charge.....	121.6	53.52	1 $\frac{1}{2}$	1	1	7 -9 -44				118.2	52.00	7 -9 -44
Journeyman.....	108.0	47.52	1 $\frac{1}{2}$	1	1	7 -9 -44				104.5	46.00	7 -9 -44
Indianapolis, Ind.:												
In charge.....	125.0	57.50	1 $\frac{1}{2}$	1 $\frac{1}{2}$	(⁶⁴)	7 $\frac{3}{4}$ -7 $\frac{3}{4}$ -46				117.7	56.50	8 -8 -48
Journeyman.....	113.0	52.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	(⁶⁴)	7 $\frac{3}{4}$ -7 $\frac{3}{4}$ -46				106.3	51.00	8 -8 -48
Jacksonville, Fla.:												
In charge.....	119.0	50.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	7 -7 -42				119.0	50.00	7 -7 -42
Journeyman.....	100.0	42.00	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	7 -7 -42				100.0	42.00	7 -7 -42

Kansas City, Mo.:													
In charge.....	106.3	51.00	1½	1	1	8 -8 -48				102.1	49.00	8 -8 -48	
Journeyman.....	100.0	48.00	1½	1	1	8 -8 -48				95.8	46.00	8 -8 -48	
Gravure work.....	121.4	51.00	1½	1	1	⁸⁶ 8½-8½-42	12						
Little Rock, Ark.:													
In charge.....	93.8	45.00	1½	1	1	8 -8 -48				93.8	45.00	8 -8 -48	
Journeyman.....	90.6	43.50	1½	1	1	8 -8 -48				87.5	42.00	8 -8 -48	
Los Angeles, Calif.:													
In charge.....	121.4	51.00	1½	(⁸⁶)	(⁸⁶)	7 -7 -42				121.4	51.00	⁸⁷ 7 -7½-42	
Journeyman.....	114.3	48.00	1½	(⁸⁶)	(⁸⁶)	7 -7 -42				114.3	48.00	⁸⁷ 7 -7½-42	
Louisville, Ky.:													
In charge.....	111.6	48.00	1½	2	2	7 -8 -43				111.6	48.00	7 -8 -43	
Journeyman.....	104.7	45.00	1½	2	2	7 -8 -43				104.7	45.00	7 -8 -43	
Manchester, N. H.:													
In charge.....	108.3	45.50	1½	2	2	7 -7 -42				108.3	45.50	7 -7 -42	
Journeyman.....	98.8	41.50	1½	2	2	7 -7 -42				98.8	41.50	7 -7 -42	
Memphis, Tenn.:													
In charge.....	110.9	53.25	1½	1	1	8 -8 -48				110.9	53.25	8 -8 -48	
Journeyman.....	101.6	48.75	1½	1	1	8 -8 -48				101.6	48.75	8 -8 -48	
Milwaukee, Wis.:													
In charge.....	121.5	54.69	1½	2	2	7½-7½-45				114.0	54.69	8 -8 -48	
Journeyman.....	112.6	50.69	1½	2	2	7½-7½-45				105.6	50.69	8 -8 -48	
Nashville, Tenn.:													
In charge.....	100.0	48.00	1½	1	1	8 -8 -48				100.0	48.00	8 -8 -48	
Journeyman.....	87.5	42.00	1½	1	1	8 -8 -48				81.3	39.00	8 -8 -48	
Newark, N. J.:													
In charge.....	154.7	66.50	1½	2	2	⁸⁷ 6½-8½-43				152.3	65.50	⁸⁷ 6½-8½-43	
Journeyman.....	131.4	56.50	1½	2	2	⁸⁷ 6½-8½-43				129.1	55.50	⁸⁷ 6½-8½-43	
New Haven, Conn.:													
In charge.....	125.0	45.00	1½	2	2	6 -6 -36				107.1	45.00	7 -7 -42	
Journeyman.....	113.9	41.00	1½	2	2	6 -6 -36				97.6	41.00	7 -7 -42	
New Orleans, La.:													
In charge.....	87.5	42.00	1½	1	1	8 -8 -48				87.5	42.00	8 -8 -48	
Journeyman.....	81.3	39.00	1½	1	1	8 -8 -48				81.3	39.00	8 -8 -48	
New York, N. Y.:													
In charge.....	169.5	69.50	1½	2	2	⁸⁶ 6½-7½-41				167.1	68.50	⁸⁶ 6½-7½-41	
Journeyman.....	147.6	60.50	1½	2	2	⁸⁶ 6½-7½-41				145.1	59.50	⁸⁶ 6½-7½-41	
Color and rotogravure work--													
In charge.....	175.7	72.04	1½	2	2	⁸⁶ 6½-7½-41				169.0	71.00	7 -7 -42	
Journeyman.....	153.0	62.71	1½	2	2	⁸⁶ 6½-7½-41				146.9	61.68	7 -7 -42	
Omaha, Nebr.:													
In charge.....	111.5	53.50	1½	2	1½	8 -8 -48				110.4	53.00	8 -8 -48	
Journeyman.....	106.2	50.50	1½	2	1½	8 -8 -48				104.2	50.00	8 -8 -48	
Peoria, Ill.:													
In charge.....	97.4	46.74	1½	2	2	8 -8 -48				96.4	46.26	8 -8 -48	
Journeyman.....	84.9	40.74	1½	2	2	8 -8 -48				83.9	40.26	8 -8 -48	
Pittsburgh, Pa.:													
In charge.....	122.2	55.00	1½	1	2	7½-7½-45				122.2	55.00	7½-7½-45	
Journeyman.....	115.6	52.00	1½	1	2	7½-7½-45				115.6	52.00	7½-7½-45	

⁸⁴ Full day's pay for 5 hours.⁸⁵ Work 5 days per week.⁸⁶ Friday, 8 hours.⁸⁶ Sunday, 6½ hours.⁸⁷ Friday, 8½ hours.⁸⁸ Friday, 7½ hours.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

PRESSMEN, WEB: Night work—Continued

City	May 15, 1930								May 15, 1929			
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
Portland, Me., Journeymen.....	102.1	49.00	1½	2	2	8-8 -48	14		100.0	48.00	8 -8 -48	
Portland, Oreg.: In charge.....	120.0	54.00	1½	1½	1½	7½-7½-45			113.3	51.00	7½-7½-45	
Journeymen.....	110.0	49.50	1½	1½	1½	7½-7½-45			103.3	48.50	7½-7½-45	
Providence, R. I.: In charge.....	126.2	53.00	1½	2	2	7 -7 -42			121.4	51.00	7 -7 -42	
Journeymen.....	119.1	50.00	1½	2	2	7 -7 -42			114.3	48.00	7 -7 -42	
Reading, Pa.: In charge.....	125.6	56.50	1½	1	1	7½-7½-45			125.6	56.50	7½-7½-45	
Journeymen.....	112.2	50.50	1½	1	1	7½-7½-45			112.2	50.50	7½-7½-45	
Rochester, N. Y.: In charge.....	124.0	50.50	1½	2	1	8 -8 -48			119.8	57.50	8 -8 -48	
Floormen.....	114.6	55.00	1½	2	1	8 -8 -48			108.3	52.00	8 -8 -48	
Tension men.....	114.6	55.00	1½	2	1	8 -8 -48			112.5	54.00	8 -8 -48	
St. Louis, Mo.: In charge.....	126.2	53.00	1½	1	1	7 -7 -42			126.2	53.00	7 -7 -42	
Journeymen.....	114.3	48.00	1½	1	1	7 -7 -42			114.3	48.00	7 -7 -42	
Salt Lake City, Utah: In charge.....	112.5	54.00	1½	1	1	8 -8 -48			106.3	51.00	8 -8 -48	
Journeymen.....	100.0	48.00	1½	1	1	8 -8 -48			93.8	45.00	8 -8 -48	
San Francisco, Calif.: In charge.....	116.7	52.50	1½	1	1	7½-7½-45			116.7	52.50	7½-7½-45	
Journeymen.....	110.0	49.50	1½	1	1	7½-7½-45			110.0	49.50	7½-7½-45	
Scranton, Pa.: First pressmen.....	131.0	55.00	1½	1½	1	7 -7 -42			131.0	55.00	7 -7 -42	
Second pressmen.....	123.8	52.00	1½	1½	1	7 -7 -42			123.8	52.00	7 -7 -42	

Third pressmen.....	119.0	50.00	1½	1½	1	7	-7	-42			119.0	50.00	7	-7	-42
Fourth pressmen.....	116.7	49.00	1½	1½	1	7	-7	-42			116.7	49.00	7	-7	-42
Seattle, Wash.:.....															
In charge.....	130.4	54.75	1½	1½	1½	7	-7	-42			130.4	54.75	7	-7	-42
Journeyman.....	123.2	51.75	1½	1½	1½	7	-7	-42			123.2	51.75	7	-7	-42
Springfield, Mass.:.....															
In charge.....	106.3	51.00	1½	1	1	8	-8	-48	50	112.5	106.3	51.00	8	-8	-48
Journeyman.....	98.8	45.00	1½	1	1	8	-8	-48			98.8	45.00	8	-8	-48
Toledo, Ohio:.....															
In charge.....	118.8	57.00	1½	1	2	8	-8	-48			116.7	56.00	8	-8	-48
Journeyman.....	106.3	51.00	1½	1	2	8	-8	-48			104.2	50.00	8	-8	-48
Assistant in charge.....	112.5	54.00	1½	1	2	8	-8	-48			110.4	53.00	8	-8	-48
Washington, D. C.:.....															
In charge.....	122.9	59.00	1½	(u)	(u)	8	-8	-48			118.8	57.00	8	-8	-48
Journeyman.....	110.4	53.00	1½	(u)	(u)	8	-8	-48			106.3	51.00	8	-8	-48
Worcester, Mass.: Journeyman.....	112.0	48.73	1½	1½	1	7	-8½	-43½	63	126.4	112.0	48.73	7	-8½	-43½

STEREOTYPES: Day work

Atlanta, Ga.....	97.4	46.75	1½	1½	1	8	-8	-48			97.4	46.75	8	-8	-48
Baltimore, Md.....	97.9	47.00	1½	1	1	8	-8	-48			93.8	45.00	8	-8	-48
Birmingham, Ala.....	94.8	45.50	1½	1½	1	8	-8	-48			91.7	44.00	8	-8	-48
Boston, Mass.....	119.3	50.10	148c	2	2	7	-7	-42			119.3	50.10	7	-7	-42
Bridgeport, Conn.....	87.5	42.00	1½	2	2	8	-8	-48			83.3	40.00	8	-8	-48
Buffalo, N. Y.....	100.0	48.00	1½	2	2	8	-8	-48	5	125.0	100.0	48.00	8	-8	-48
Butte, Mont.....	103.3	46.50	1½	1	(u)	7½	-7½	-45			103.3	46.50	7½	-7½	-45
Chicago, Ill.:.....															
Shops A.....	112.0	53.76	1½	1½	1½	8	-8	-48	29	Average 115.0	102.0	48.96	8	-8	-48
Shops B.....	133.3	56.00	1½	2	2	7	-7	-42	27	Average 147.6	128.6	54.00	7	-7	-42
Cincinnati, Ohio.....	105.2	50.50	1½	1½	(u)	8	-8	-48			105.2	50.50	8	-8	-48
Cleveland, Ohio.....	106.3	51.00	1½	2	2	8	-8	-48			106.3	51.00	8	-8	-48
Columbus, Ohio.....	106.3	51.00	1½	2	(u)	8	-8	-48			104.2	50.00	8	-8	-48
Dallas, Tex.....	100.0	48.00	1½	1	1	8	-8	-48	19	Up to 112.5	100.0	48.00	8	-8	-48
Davenport, Iowa. (See Rock Island (Ill.) district.).....															
Dayton, Ohio.....	105.2	50.50	1½	1	1	8	-8	-48			102.1	49.00	8	-8	-48
Denver, Colo.....	96.8	46.00	1½	(u)	1	8	-15½	-47½			96.8	46.00	8	-15½	-47½
Des Moines, Iowa.....	97.9	47.00	1½	1	(u)	8	-8	-48	15	Not reported	95.8	46.00	8	-8	-48
Detroit, Mich.....	117.5	56.40	1½	1½	1½	8	-8	-48			117.5	56.40	8	-8	-48
Fall River, Mass.....	87.5	42.00	1½	2	2	8	-8	-48	20	100.0	79.2	38.00	8	-8	-48
Grand Rapids, Mich.....	95.8	46.00	1½	1½	1½	8	-8	-48			95.8	46.00	8	-8	-48
Houston, Tex.....	101.6	48.75	1½	1	1	8	-8	-48			101.6	48.75	8	-8	-48
Indianapolis, Ind.....	105.4	48.50	1½	1½	(u)	7½	-7½	-45	3	118.5	105.4	48.50	7½	-7½	-45
Jacksonville, Fla.....	95.8	46.00	1½	1	1	8	-8	-48			95.8	46.00	8	-8	-48
Kansas City, Mo.....	104.2	50.00	1½	1	1	8	-8	-48			104.2	50.00	8	-8	-48
Little Rock, Ark.....	84.4	40.50	1½	1½	1	8	-8	-48			84.4	40.50	8	-8	-48
Los Angeles, Calif.....	108.3	46.50	1½	1	1	7½	-7½	-45			103.3	46.50	7½	-7½	-45

^u Full day's pay for 5 hours.

^u Full day's pay for 4 hours.

^u Full day's pay for 6 hours.

^u Work 4 days and double shift on Saturday.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

STEREOTYPERS: Day work—Continued

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
Louisville, Ky.....	88.5	42.50	1½	2	2	8-8-48			88.5	42.50	8-8-48	
Madison, Wis.....	95.8	46.00	1½	1½	2	8-8-48		14	131.3	89.6	43.00	
Manchester, N. H.....	88.9	40.00	1½	2	2	7½-7½-45			83.3	40.00	8-8-48	
Memphis, Tenn.....	113.6	50.00	1½	2	2	8-4-44	12	18	Average, 136.4	100.0	48.00	
Milwaukee, Wis.....	102.3	49.12	1½	2	2	8-8-48		13	Average, 110.7	100.7	48.33	
Minneapolis, Minn.....	87.5	42.00	1½	1½	(w)	8-8-48		11	104.2 to 114.6	83.3	40.00	
Moline, Ill. (See Rock Island (Ill.) district.)												
Nashville, Tenn.....	87.5	42.00	1½	1½	1½	8-8-48		22	106.3	81.3	39.00	
Newark, N. J.....	109.4	52.50	1½	1½	1½	8-8-48			109.4	52.50	8-8-48	
New Haven, Conn.....	85.4	41.00	1½	2	2	8-8-48			85.4	41.00	8-8-48	
New Orleans, La.....	82.1	39.00	1½	1	1	8-7½-47½		10	88.4	82.1	39.00	
New York, N. Y.....	123.3	55.50	1½	2	2	7½-7½-45			123.3	55.50	7½-7½-45	
Omaha, Nebr.....	99.0	47.50	1½	2	(w)	8-8-48		13	125.0 to 145.8	97.9	47.00	
Peoria, Ill.....	90.6	43.50	1½	1½	2	8-8-48		25	100.0	90.6	43.50	
Philadelphia, Pa.....	87.5	42.00	1½	1	1	8-8-48			87.5	42.00	8-8-48	
Pittsburgh, Pa.....	111.1	50.00	1½	1	1	7½-7½-45			111.1	50.00	7½-7½-45	
Portland, Me.....	95.8	46.00	1½	2	2	8-8-48		38	106.3	98.8	45.00	
Portland, Oreg.....	100.0	48.00	1½	1	1	8-8-48			100.0	48.00	8-8-48	
Providence, R. I.....	121.4	51.00	1½	2	2	7-7-42		7	116.7	49.00	7-7-42	
Richmond, Va.....	83.3	40.00	1½	1	1	8-8-48			83.3	40.00	8-8-48	
Rochester, N. Y.....	106.3	51.00	1½	2	2	8-8-48		4	166.7	102.1	49.00	
Rock Island (Ill.) district.....	95.8	46.00	1½	2	(w)	8-8-48			95.8	45.00	8-8-48	
Saginaw, Mich.....	83.3	40.00	1½	2	2	8-8-48		100	Up to 93.8	83.3	40.00	
St. Louis, Mo.....	107.3	51.50	1½	1½	1½	8-8-48			107.3	51.50	8-8-48	
St. Paul, Minn.....	87.5	42.00	1½			8-8-48			87.5	42.00	8-8-48	
Salt Lake City, Utah.....	93.8	45.00	1½	1	1	8-8-48			87.5	42.00	8-8-48	
San Francisco, Calif.....	108.9	49.00	1½	1½	(w)	7½-7½-45			108.9	49.00	7½-7½-45	

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Scranton, Pa.	108.3	52.00	1½	2	2	8 - 8 - 48	10	114.6	108.3	52.00	8 - 8 - 48
Seattle, Wash.	123.2	51.75	1½	1½	1½	7 - 7 - 42			123.2	51.75	7 - 7 - 42
Spokane, Wash.	90.6	43.50	1½	1½	(M)	8 - 8 - 48			87.5	42.00	8 - 8 - 48
Springfield, Mass.	93.8	45.00	1½	1½	1½	8 - 8 - 48	64	97.9 to 114.6	93.8	45.00	8 - 8 - 48
Toledo, Ohio	102.1	49.00	1½	2	2	8 - 8 - 48			100.0	48.00	8 - 8 - 48
Washington, D. C.	100.0	48.00	1½	2	(M)	8 - 8 - 48			100.0	48.00	8 - 8 - 48
Wichita, Kans.	83.3	40.00	1½	1	1	8 - 8 - 48	27	Up to 104.2	83.3	40.00	8 - 8 - 48
Worcester, Mass.	96.9	46.50	1½	2	2	8 - 8 - 48	30	101.6 to 145.8	96.9	46.50	8 - 8 - 48
Youngstown, Ohio	110.8	51.50	1½	2	2	7½ - 7½ - 46½			110.8	51.50	7½ - 7½ - 46½

STEREOTYPES: Night work

Atlanta, Ga.	100.8	48.37	1½	1½	1	8 - 8 - 48			100.8	48.37	8 - 8 - 48
Baltimore, Md.	109.3	47.00	1½	1	1	7 - 8 - 43			104.7	45.00	7 - 8 - 43
Birmingham, Ala.	101.0	48.50	1½	1½	1	8 - 8 - 48			97.9	47.00	8 - 8 - 48
Boston, Mass.	139.2	50.10	148c	1	1	6 - 6 - 36			139.2	50.10	6 - 6 - 36
Bridgeport, Conn.	116.7	42.00	1½	2	2	6 - 6 - 36			111.1	40.00	6 - 6 - 36
Buffalo, N. Y.	106.3	51.00	1½	2	2	8 - 8 - 48			106.3	51.00	8 - 8 - 48
Butte, Mont.	103.3	46.50	1½	1	1	7½ - 7½ - 45			103.3	46.50	7½ - 7½ - 45
Chicago, Ill.—											
Shops A	114.1	51.36	1½	1½	1½	7½ - 7½ - 45	37	Average, 128.9	113.8	51.20	7½ - 7½ - 45
Shops B	163.9	59.00	1½	2	2	6 - 6 - 36	25	Average, 188.9	158.3	57.00	6 - 6 - 36
Cincinnati, Ohio	112.2	50.50	1½	1½	(M)	7 - 8½ - 45			112.2	50.50	7 - 8½ - 45
Cleveland, Ohio	117.8	53.00	1½	1½		7½ - 7½ - 45			117.8	53.00	7½ - 7½ - 45
Columbus, Ohio	110.4	53.00	1½	1	(S)	8 - 8 - 48			108.3	52.00	8 - 8 - 48
Dallas, Tex.	103.1	49.50	1½	1	1	8 - 8 - 48	13	115.6	103.1	49.50	8 - 8 - 48
Dayton, Ohio	109.4	52.50	1½	1	1	8 - 8 - 48			106.3	51.00	8 - 8 - 48
Denver, Colo.	101.0	48.50	1½	(M)	1	8 - 8 - 48			101.0	48.50	8 - 8 - 48
Des Moines, Iowa	102.1	49.00	1½	1		8 - 8 - 48			100.0	48.00	8 - 8 - 48
Detroit, Mich.	132.9	57.13	1½	1½	1½	7 - 8 - 43			132.9	57.13	7 - 8 - 43
Grand Rapids, Mich.	109.5	46.00	1½	1½	1½	7 - 7 - 42			104.8	44.01	7 - 7 - 42
Houston, Tex.	104.7	50.25	1½	1	1	8 - 8 - 48			104.7	50.25	8 - 8 - 48
Indianapolis, Ind.	115.2	53.00	1½	1½	(M)	7½ - 7½ - 46	5	128.3	115.2	53.00	7½ - 7½ - 46
Jacksonville, Fla.	115.4	45.00	160c	1	1	6 - 6 - 39			115.4	45.00	6 - 6 - 39
Kansas City, Mo.	108.3	52.00	1½	1	1	8 - 8 - 48			108.3	52.00	8 - 8 - 48
Little Rock, Ark.	90.6	43.50	1½	1½	1	8 - 8 - 48			90.6	43.50	8 - 8 - 48
Los Angeles, Calif.	105.6	47.50	1½	1	1	7½ - 7½ - 45			105.6	47.50	7½ - 7½ - 45
Louisville, Ky.	94.8	45.50	1½	2	2	8 - 8 - 48			94.8	45.50	8 - 8 - 48
Manchester, N. H.	95.6	43.00	1½	2	2	7½ - 7½ - 45			89.6	43.00	8 - 8 - 48
Memphis, Tenn.	111.1	50.00	1½	2	2	7½ - 7½ - 45	27	Average, 144.4	106.7	48.00	7½ - 7½ - 45
Milwaukee, Wis.	108.7	52.16	1½	2	2	8 - 8 - 48	18	Not reported	107.3	51.51	8 - 8 - 48
Minneapolis, Minn.	87.5	42.00	1½	1½	(S)	8 - 8 - 48	29	104.2 to 114.6	95.2	40.00	7 - 7 - 42
Nashville, Tenn.	87.5	42.00	1½	1½	1½	8 - 8 - 48	50	106.3	81.3	39.00	8 - 8 - 48
Newark, N. J.	145.8	52.50	1½	1½	1½	6 - 6 - 36			145.8	52.50	6 - 6 - 36
New Haven, Conn.	113.9	41.00	1½	2	2	6 - 6 - 36			113.9	41.00	6 - 6 - 36

* Full day's pay for 5 hours.

* Maximum 48, minimum 42 hours per week.

* Full day's pay for 6 hours.

* Full day's pay for short day.

* Friday 8½ hours.

* Increase retroactive to Jan. 1, 1929.

TABLE A.—Union scales of wages and hours of labor in specified trades, May 15, 1930, and May 15, 1929, by cities—Continued

PRINTING AND PUBLISHING: NEWSPAPER—Continued

STEREOTYPERS: Night work—Continued

City	May 15, 1930							May 15, 1929				
	Rate of wages					Hours: Full day; Saturday; full week	Number of months with Saturday part or whole holiday	Receiving more than scale		Rate of wages		Hours: Full day; Saturday; full week
	Per hour	Per full-time week	For over-time	For Sun-days	For holi-days			Per cent of members	Amount or range of wages received	Per hour	Per full-time week	
	Cents	Dollars	Regular rate multiplied by—					Cents per hour	Cents	Dollars		
New Orleans, La.	93.3	42.00	1½	1	1	7½-7½-45			93.3	42.00	7½-7½-45	
New York, N. Y.	154.0	57.75	1½	2	2	6-7½-37½			154.0	57.75	6-7½-37½	
Omaha, Nebr.	105.2	50.50	1½	2	(48)	8-8-48	15	Average, 125.0	104.2	50.00	8-8-48	
Peoria, Ill.	103.6	43.50	1½	1½	2	7-7-42	50	114.3	103.6	43.50	7-7-42	
Philadelphia, Pa.	91.7	44.00	1½	1	1	8-8-48			91.7	44.00	8-8-48	
Pittsburgh, Pa.	117.8	53.00	1½	1	1½	7½-7½-45	14	Not reported	117.8	53.00	7½-7½-45	
Portland, Me.	102.1	49.00	1½	2	2	8-8-48	29	104.2	100.0	48.00	8-8-48	
Portland, Oreg.	106.7	48.00	1½	1	1	7½-7½-45			106.7	48.00	7½-7½-45	
Providence, R. I.	121.4	51.00	1½	2	2	7-7-42	17		116.7	49.00	7-7-42	
Richmond, Va.	89.6	43.00	1½	1	1	8-8-48			89.6	43.00	8-8-48	
Rochester, N. Y.	114.6	55.00	1½	1	1	8-8-48	8	106.7	110.4	53.00	8-8-48	
Saginaw, Mich.	91.7	44.00	1½	2	2	8-8-48						
St. Louis, Mo.	122.6	51.50	1½	1½	1½	7-7-42			122.6	51.50	7-7-42	
St. Paul, Minn.	89.6	43.00	1½			8-8-48			87.5	42.00	8-8-48	
Salt Lake City, Utah	100.0	48.00	1½	1	1	8-8-48			93.8	45.00	8-8-48	
San Francisco, Calif.	108.9	49.00	1½	1½	(48)	7½-7½-45			108.9	49.00	7½-7½-45	
Scranton, Pa.	123.8	52.00	1½	2	2	7-7-42	25	131.0	123.8	52.00	7-7-42	
Seattle, Wash.	130.4	54.75	1½	1½	1½	7-7-42			130.4	54.75	7-7-42	
Spokane, Wash.	90.6	43.50	1½	1½	(48)	8-8-48			87.5	42.00	8-8-48	
Springfield, Mass.	104.7	45.00	1½	1	1	7-8-43	38	111.6 to 123.3	104.7	45.00	7-8-43	
Toledo, Ohio	106.3	51.00	1½	2	2	8-8-48			104.2	50.00	8-8-48	
Washington, D. C.	118.6	51.00	1½	2	(48)	7-8-43			118.6	51.00	7-8-43	
Wichita, Kans.	87.5	42.00	1½	1½	1	8-8-48	29	Up to 104.2	87.5	42.00	8-8-48	
Worcester, Mass.	103.3	46.50	1½	1	1	7½-7½-45	25	114.4 to 133.3	103.3	46.50	7½-7½-45	

* Full day's pay for 5 hours.

* Full day's pay for short day.

PART 2

OTHER TRADES

As explained in the introduction to this report, Part 2 presents the union scales of wages and hours of labor for trades which have recently been added to the bureau's survey of union wages. These added trades are presented separately for the following reasons: (1) The trades included in Part 1 are limited to those normally occurring in the large cities and for which the wage scales are in a form permitting uniform tabulation. As a result it is possible to combine these data so as to derive average wages and hours, and index numbers thereof, for various groups of cities and trades, over a series of years. (2) Part 2 includes trades added to the bureau's survey which, whether because of their more complicated wage scales or for other reasons, do not permit of combination for the present at least, with the data given in Part 1.

The data presented in this second part were derived from a complete survey of all organized trades in 18 cities and by correspondence with, or personal visits to, those organizations which are of a noncity character—such as those concerned with railroads and mining. The cities covered by the survey referred to are:

Baltimore.	Dallas.	Philadelphia.
Birmingham.	Denver.	Pittsburgh.
Boston.	Jacksonville.	Providence.
Butte.	Kansas City.	San Francisco.
Chicago.	New Orleans.	Seattle.
Cleveland.	New York.	St. Louis.

For each of the organizations concerned, every effort was made to secure the prevailing scales of wages and hours or representative examples of such scales. In a few cases the organizations were unable or unwilling to furnish this information, but these exceptions were very few, and on the whole the information in Part 2 combined with that in Part 1 gives a fairly complete picture of the prevailing union scales in force in the organized trades of this country.

In the wage presentation of Part 2 time rates are shown wherever such are available. Otherwise, sample piece rates are given and in a few cases estimated earnings under these piece rates are quoted. In general, however, it is to be noted that union rates are minimum rates and in many cases are considerably below actual earnings.

The total membership of the organizations presented in Part 2 is slightly less than 1,000,000.

METALS AND MACHINERY

AUTOMOBILE AND VEHICLE INDUSTRY, INCLUDING GARAGE MEN

Rates of wages per hour, rates for overtime, and hours per day and per week are shown for 8,227 union workers in specified occupations of the automobile and vehicle industry in specified cities in Table 1.

TABLE 1.—*Rates of wages and hours of employees in the automobile and vehicle industry, including garage men*

City and occupation	Rate of wages		Hours per week	Rate for over-time ¹
	Unit	Amount		
Butte, Mont.:				
Vehicle workers and hostlers.....	Day.....	\$6.50	48	1½
Washers, wagons and trucks.....	do.....	6.25	48	1½
Machinists.....	Hour.....	1.12½	54	Pro.
Chicago, Ill.:				
Finishers, strippers, and sprayers.....	do.....	1.25	44	1½
Color varnishers and rubbers.....	do.....	1.00	44	1½
Rough-body men.....	do.....	.85	44	1½
Machinists.....	do.....	1.04	48	1½
Cleveland, Ohio: Machinists.....	do.....	.90	48	1½
Denver, Colo.: Auto painters.....	do.....	1.00	44	2
Jacksonville, Fla.: Machinists (auto mechanics).....	do.....	.75	48	1½
New York, N. Y.:				
Automobile and vehicle workers—				
Body makers, strippers, and finishers.....	Week.....	55.65	44	1½
Body makers and blacksmiths.....	do.....	52.50	44	1½
Body makers' helpers.....	do.....	44.10	44	1½
Woodworkers, finishers.....	do.....	50.40	44	1½
Woodworkers (or repairers) and electricians.....	do.....	47.25	44	1½
Woodworkers, machine hands.....	do.....	49.35	44	1½
Hammermen, metal work, and trimmers.....	do.....	56.70	44	1½
Metal finishers.....	do.....	48.25	44	1½
Metal workers' helpers and trimmers' helpers.....	do.....	43.05	44	1½
Strippers and finishers.....	do.....	51.45	44	1½
Body painters.....	do.....	46.20	44	1½
Chassis painters.....	do.....	39.37	44	1½
Assemblers.....	do.....	42.00	44	1½
Car porters.....	do.....	36.75	44	1½
Garage workers.....	do.....	35.00	48	
Garage men, first class (railway express).....	do.....	32.72	48	1½
Garage men, second class (railway express).....	do.....	30.44	48	1½
Philadelphia, Pa.: Machinists.....	Hour.....	.86½	48	1½
St. Louis, Mo.:				
Auto painters.....	do.....	1.00	44	1½
Machinists (auto mechanics).....	do.....	.90	44	1½
Painters, auto and coach.....	do.....	1.00	44	1½
Woodworkers and carpenters.....	do.....	1.00	44	1½
San Francisco, Calif.:				
Machinists (auto mechanics).....	do.....	1.00 -1.10	44	2
Garage employees.....	do.....	.62½-.81½	48	1½
Seattle, Wash.:				
Machinists (auto mechanics).....	do.....	1.00	44	1½
Helpers.....	do.....	.62½	44	1½

¹ Regular rate multiplied by number shown.

² Average.

METAL TRADES

Union scales of wages and hours of labor in the metal trades are shown in Table 2 for the cities covered by the survey of the bureau. The membership covered is as follows:

Blacksmiths and helpers.....	1,451
Boilermakers and helpers.....	3,264
Machinists and helpers.....	15,762
Molders and core makers.....	9,224
Pattern makers.....	3,045
Polishers, buffers, and platers.....	1,235
Miscellaneous.....	3,509
Total.....	25,853

TABLE 2.—Rates of wages and hours of workers in the metal trades

City and occupation	Wage rate per hour	Wage rate per full-time week	Hours per week	Overtime rate ¹
BLACKSMITHS AND HELPERS				
Butte, Mont.:				
Blacksmiths.....	\$1. 125	\$54. 00	48	Pro.
Helpers.....	1. 00	48. 00	48	Pro.
Chicago, Ill.:				
Blacksmiths (finishers).....	1. 438-1. 551	63. 25-68. 25	44	2
Blacksmiths.....	1. 50 -1. 625	66. 00-71. 50	44	2
Helpers.....	1. 375	60. 50	44	2
Cleveland, Ohio:				
Blacksmiths.....	1. 25	50. 00	40	1½
Helpers.....	. 90	36. 00	40	1½
Denver, Colo.:				
Blacksmiths.....	. 85	40. 80	48	1½
Helpers.....	. 70	33. 60	48	1½
New Orleans, La.:				
Blacksmiths.....	. 90 -1. 00	39. 60-44. 00	44	2
Helpers.....	. 63	27. 72	44	2
New York, N. Y.:				
Blacksmiths.....	1. 65	66. 00	40	2
Helpers.....	1. 238	49. 50	40	2
Philadelphia, Pa.:				
Blacksmiths (shipyards).....	. 86	37. 84	44	1½
Blacksmiths (jobbing and manufacturing).....	1. 25	55. 00	44	1½
Helpers (shipyards).....	. 65	28. 60	44	1½
Helpers (jobbing and manufacturing).....	. 65	28. 60	44	1½
Pittsburgh, Pa.:				
Blacksmiths (manufacturers).....	1. 125	54. 00	48	1½
Blacksmiths (railroad shops).....	. 80	38. 40	48	1½
Helpers (railroad shops).....	. 57	27. 36	48	1½
St. Louis, Mo.:				
Blacksmiths.....	1. 00 -1. 50	44. 00-66. 00	44	1½
Helpers.....	. 75	33. 00	44	1½
San Francisco, Calif.: Blacksmiths.....	. 813-1. 50	35. 75-66. 00	44	1½
Seattle, Wash.: Blacksmiths.....	. 83	36. 08	44	2
BOILERMAKERS AND HELPERS				
Baltimore, Md.: Boilermakers.....	1. 375	55. 00	40	2
Birmingham, Ala.: Boilermakers.....	. 65 - . 75	31. 20-36. 00	48	1½
Boston, Mass.:				
Boilermakers.....	1. 375	60. 50	44	2
Helpers.....	1. 25	55. 00	44	2
Butte, Mont.:				
Boilermakers.....	1. 00	48. 00	48	1½
Helpers.....	. 875	42. 00	48	1½
Chicago, Ill.:				
Boilermakers.....	1. 625	71. 50	44	2
Helpers.....	1. 625	67. 10	44	2
Boiler repairers.....	. 79 - . 90	34. 76-39. 60	44	2
Helpers.....	. 62	27. 28	44	2
Cleveland, Ohio:				
Boilermakers (manufacturing shops).....	. 80	35. 20	44	1½
Helpers.....	. 55	24. 20	44	1½
Boilermakers (outside).....	1. 375	55. 00	40	2
Helpers.....	1. 25	50. 00	40	2
Kansas City, Mo.:				
Boilermakers (outside).....	1. 25 -1. 50	55. 00-66. 00	44	2
Helpers.....	1. 188	52. 27	44	2
Boilermakers (manufacturing shops).....	. 80 - . 85	38. 40-40. 80	48	1½
Helpers.....	. 58	27. 84	48	1½
New Orleans, La.:				
Boilermakers (manufacturing shops).....	. 80	35. 20	44	2
Helpers.....	. 48	21. 12	44	2
Boilermakers (outside).....	1. 25	55. 00	44	2
New York, N. Y.:				
Boilermakers (field work).....	1. 65	66. 00	40	2
Helpers.....	1. 513	60. 50	40	2
Philadelphia, Pa.:				
Boilermakers (manufacturing shops).....	. 80 -1. 25	35. 20-55. 00	44	2
Helpers.....	. 60	26. 40	44	2
Boilermakers (outside).....	1. 125-1. 375	49. 50-60. 50	44	2
Helpers.....	. 75	33. 00	44	2
Boilermakers (navy yard).....	. 86	41. 28	48	1½
Helpers.....	. 57	27. 36	48	1½
Shipbuilders (navy yard):				
Shippfitters.....	. 77 - . 87	36. 96-41. 76	48	1½
Clippers and calkers.....	. 74 - . 84	35. 52-40. 32	48	1½
Drillers.....	. 60 - . 70	28. 80-33. 60	48	1½
Riveters.....	. 75 - . 85	36. 00-40. 80	48	1½
Helpers.....	. 47 - . 57	22. 56-27. 36	48	1½

¹Regular rate multiplied by number shown.

TABLE 2.—*Rates of wages and hours of workers in the metal trades—Continued*

City and occupation	Wage rate per hour	Wage rate per full-time week	Hours per week	Overtime rate ¹
BOILERMAKERS AND HELPERS—continued				
Pittsburgh, Pa.:				
Boilermakers (manufacturing and jobbing).....	\$0.75	\$37.50	50	1½
Helpers.....	.50	25.00	50	1½
Boilermakers (outside).....	1.25 - 1.50	55.00-66.00	44	2
Helpers.....	1.25	55.00	44	2
Boilermakers (railroad shops).....	.80	38.40	48	1½
Helpers.....	.57	27.36	48	1½
St. Louis, Mo.:				
Boilermakers (inside).....	.95	41.80	44	2
Helpers.....	.75	33.00	44	2
Boilermakers (outside).....	1.50	66.00	44	2
Helpers.....	1.375	60.50	44	2
San Francisco, Calif.: Boilermakers.....	.90 - 1.35	39.60-59.40	44	2
Seattle, Wash.:				
Boilermakers (welders).....	.92	40.48	44	2
Boilermakers (loftsmen).....	.90	39.60	44	2
Boilermakers (shipfitters, calkers, riveters, burners).....	.82	33.08	44	2
Drillers, reamers, holders-on.....	.70	30.80	44	2
Rivet heaters, helpers.....	.60	26.40	44	2
Boilermakers (outside).....	1.063	46.75	44	2
Helpers.....	.938	41.25	44	2
MACHINISTS AND HELPERS				
Baltimore, Md.: Machinists.....	1.20	52.80	44	2
Birmingham, Ala.: Machinists.....	.70 - .90	37.80-48.60	54	1½
Boston, Mass.:				
Machinists (erection).....	1.375 - 1.50	60.50-66.00	44	2
Helpers.....	.90	39.60	44	2
Machinists (marine)—				
Class A.....	.86	41.28	48	1½
Class B.....	.81	38.88	48	1½
Machinists (construction and job shops).....	1.10 - 1.50	48.40-66.00	44	2
Machinists (production or manufacturing)—				
Class A.....	.92 - 1.02	40.48-44.88	44	2
Class B.....	.81	35.64	44	2
Chicago, Ill.:				
Machinists—				
Day.....	1.00 - 1.20	44.00-52.80	44	2
Night.....	1.10 - 1.20	44.00-48.00	40	2
Machinists (tool and die makers, autoscrew machine tool setters)—				
Day.....	1.13 - 1.25	49.72-55.00	44	2
Night.....	1.243 - 1.30	49.72-52.00	40	2
Machinists (specialists).....	.72 - .75	31.68-33.00	44	2
Helpers.....	.63	27.72	44	2
Cleveland, Ohio:				
Machinists, erecting.....	1.25	55.00	44	1½
Helpers, erecting.....	.875	38.50	44	1½
Dallas, Tex.: Machinists.....	.65 - .90	28.60-39.60	44	1½
Kansas City, Mo.:				
Machinists—				
Inside.....	1.00	44.00	44	1½
Outside.....	1.375	60.50	44	1½
New Orleans, La.: Machinists.....	.80 - .90	35.20-39.60	44	2
New York, N. Y.:				
Machinists (building trades).....	1.65	66.00	40	2
Helpers.....	1.238	49.50	40	2
Machinists (press repair and maintenance).....	1.50	66.00	44	2
Brooklyn—				
Machinists (inside).....	1.00	44.00	44	2
Helpers.....	.836	36.80	44	2
Machinists (printing press maintenance).....	1.25	55.00	44	2
Machinists (press repair and erection).....	1.65	66.00	40	2
Helpers.....	.868	38.20	44	2
Philadelphia, Pa.:				
Machinists (tool and die makers).....	.82 - .95	39.36-45.60	48	1½
Machinists (shipyard, first class).....	.88 - .95	38.72-41.80	44	1½
Machinists (shipyard, second class).....	.76	33.44	44	1½
Machinists (outside).....	1.25	55.00	44	2
Machinists (manufacturing shops).....	.82	39.36	48	1½
Machinists (breweries).....	1.136	50.00	44	2
Machinists (drydock repair work).....	.82	36.08	44	1½
Pittsburgh, Pa.:				
Machinists (manufacturing shops).....	.85 - .975	37.40-42.90	44	1½
Machinists (outside).....	1.50	66.00	44	2
Machinists (railroad shops).....	.80	38.40	48	1½
Helpers.....	.57	27.36	48	1½

¹ Regular rate multiplied by number shown.

TABLE 2.—Rates of wages and hours of workers in the metal trades—Continued

City and occupation	Wage rate per hour	Wage rate per full-time week	Hours per week	Overtime rate ¹
MACHINISTS AND HELPERS—continued				
St. Louis, Mo.:				
Machinists (inside).....	\$1.00 - \$1.10	\$44.00 - \$48.40	44	2
Machinists (outside).....	1.25 - 1.375	55.00 - 60.50	44	2
Machinists (printing machinery).....	1.15 - 1.275	50.60 - 56.10	44	2
San Francisco, Calif.:				
Machinists (erection and dismantling).....	1.25	55.00	44	2
Machinists (tools, dies, and experiment).....	1.125	49.50	44	2
Machinists (jobbing and repair shops).....	1.00	44.00	44	2
Machinists (specialists).....	.80	35.20	44	2
Helpers.....	.72	31.68	44	2
Seattle, Wash.:				
Machinists.....	1.00	44.00	44	2
Machinists (specialists).....	.85	37.40	44	2
Helpers.....	.75	33.00	44	2
MOLDERS AND COREMAKERS				
Chicago, Ill.:				
Molders.....	1.00 - 1.35	44.00 - 50.00	44	1½
Molders, piece work.....	1.313	52.50	40	
Cleveland, Ohio:				
Molders (stove).....	1.00	48.00	48	1½
Molders and coremakers—				
Brass.....	.90	39.60	44	1½
Iron.....	1.00	48.00	48	1½
Denver, Colo.: Molders.....	.85	40.80	48	1½
Kansas City, Mo.: Molders.....	.80	35.20	44	1½
New Orleans, La.: Molders.....	.90	39.60	44	2
New York, N. Y.:				
Molders, brass—				
Dry sand.....	1.150	51.00	44	1½
Green sand.....	1.063	51.00	48	1½
Molders, iron.....	1.00	48.00	48	1½
Philadelphia, Pa.:				
Molders and coremakers.....	.969	46.50	48	1½
Molders and coremakers, piece work.....	1.875 - 3.375	90.00 - 162.00	48	
Pittsburgh, Pa.:				
Coremakers.....	1.013	48.60	48	1½
Molders (iron and brass).....	1.013	48.60	48	1½
St. Louis, Mo.:				
Molders.....	.969	46.50	48	1½
Molders, piece work.....	1.188	57.00	48	
San Francisco, Calif.:				
Molders.....	1.00	44.00	44	2
Molders, piece work.....	1.25	55.00	44	
Seattle, Wash.:	.938	45.00	48	1½
PATTERNMAKERS				
Boston, Mass.:				
Jobbing shops.....	1.10	48.40	44	2
Manufacturing.....	.90 - 1.05	39.60 - 46.20	44	2
Stone shops.....	1.00 - 1.35	44.00 - 59.40	44	2
Chicago, Ill.:				
Manufacturing.....	1.40	61.60	44	2
Cleveland, Ohio:				
Jobbing shops.....	1.20	52.80	44	2
Manufacturing.....	1.05	46.20	44	2
Denver, Colo.:	.95	41.80	44	1½
New York, N. Y.:				
House shops—				
Metal.....	1.33	58.52	44	2
Stone.....	1.65	66.00	40	2
Jobbing shops.....	1.15 - 1.35	50.60 - 59.40	44	2
Manufacturing.....	1.00 - 1.10	48.00 - 52.80	48	2
Philadelphia, Pa.:				
Jobbing shops.....	1.10	48.40	44	2
Manufacturing.....	1.00	44.00	44	1½
Pittsburgh, Pa.:				
Jobbing shops.....	1.25	55.00	44	2
Manufacturing.....	1.00	44.00	44	2
Providence, R. I.:	.80 - 1.10	40.00 - 55.00	44	1½
St. Louis, Mo.:				
Rate A.....	1.25 - 1.45	60.00 - 69.60	48	2
Rate B.....	.95	51.30	54	2
San Francisco, Calif.:				
Jobbing shops.....	1.25	50.00	40	2
Manufacturing.....	1.188	47.50	40	2
Seattle, Wash.:	1.25	50.00	40	2

¹ Regular rate multiplied by number shown.² Average; work 40 and 48 hours alternate weeks.³ Average.

TABLE 2.—Rates of wages and hours of workers in the metal trades—Continued

City and occupation	Wage rate per hour	Wage rate per full-time week	Hours per week	Overtime rate ¹
POLISHERS, BUFFERS, AND PLATERS				
Chicago, Ill.: Polishers.....	\$1.10	\$48.40	44	1½
Kansas City, Mo.: Polishers.....	1.00-1.136	44.00-50.00	44	1½
New York, N. Y.: Polishers, rate A.....	.85	37.40	44	1½
Polishers, rate B.....	1.30	52.00	40	1½
Philadelphia, Pa.: Polishers and buffers.....	1.00-1.25	48.00-60.00	48	1½
Pittsburgh, Pa.: Polishers and buffers.....	.982-1.082	43.20-47.60	44	1½
St. Louis, Mo.: Polishers, buffers, and platers.....	.95	45.60	48	1½
San Francisco, Calif.: Polishers.....	.925	40.70	44	1½
Seattle, Wash.: Polishers.....	1.00	44.00	44	1½
MISCELLANEOUS				
Coppersmiths:				
Baltimore, Md.....	1.10	48.40	44	2
Philadelphia, Pa.....	.95	45.60	48	2
Horseshoers:				
Cleveland, Ohio.....	1.00	50.00	50	1½
New York (Brooklyn), N. Y.....	1.176	55.86	47½	250c.
Pittsburgh, Pa.....	1.188	57.00	48	200c.
Stove mounters:				
Cleveland, Ohio.....	.85	37.40	44	1½
Pittsburgh, Pa.....	.85	40.80	48	1½
Welders and helpers:				
Cleveland, Ohio—				
Shop.....	1.00	48.00	48	1½
Outside.....	1.50	60.00	40	2
New Orleans, La.....	.80	35.20	44	2
Helpers.....	.50	22.00	44	2
Philadelphia, Pa.—				
Gas.....	.85	40.80	48	1½
Electric.....	.86	41.28	48	1½
Lead burners:				
New York, N. Y.: Construction.....	1.50		44	2
Philadelphia, Pa.....	1.10-1.25		40½	1½
Sheet-metal workers:				
Chicago, Ill.—				
Hotel utensil men.....	1.25	55.00	44	2
Soda fountain men.....	1.00	44.00	44	2
Sign builders and hangers.....	1.65	66.00	40	2
Sign hangers' helpers.....	1.10	55.00	40	2
Kansas City, Mo.—				
Sign hangers—				
Foremen.....	.875		44	2
Journeymen.....	.75		44	2
Helpers.....	.625		44	2
New York, N. Y.—				
Shop work, bridge, and railroad work.....	.81		48	1½
Sign and metal-container makers.....	13.20		40	2
Chandelier makers.....	1.00		44	1½
Philadelphia, Pa.: Cornice makers.....	1.20		44	1½
Iron and bronze workers:				
New York, N. Y.....		50.00	44	1½
Helpers.....		40.00	44	1½
Pipe calkers and tappers, water and gas mains:				
New York, N. Y.....	1.25	55.00	44	2
Pipe fitters, burners, and welders:				
New York, N. Y.....	1.65		40	2

¹ Regular rate multiplied by number shown.⁴ Per day.**STATIONARY ENGINEERS, FIREMEN, OILERS, ETC.**

Rates and hours of stationary engineers and firemen in several selected cities were obtained from union officials. The basic rates of pay, hours, and overtime rates are shown in Table 3. This information covers 7,922 engineers and 4,137 firemen, oilers, etc.

TABLE 3.—Rates of wages and hours of stationary engineers, firemen, oilers, etc., by cities

City and occupation	Wage rate—				Hours—		Rate for over-time ¹
	Per hour	Per day	Per week	Per month	Per day	Per week	
STATIONARY ENGINEERS							
Boston, Mass.:							
Operating.....			\$61.50		8	48	1 1/2
First class.....			48.00		8	44	1 1/2
Second class.....			45.00		8	44	1 1/2
Third class.....			42.20		8	44	1 1/2
Butte, Mont.: Refrigeration and brewery.....		\$7.00			8	56	1 1/2
Chicago, Ill.:							
Building material yards.....	\$1.35				8	44	2
Loop office buildings.....	1.08				8	48	1 1/2
Ice plants, refrigeration, etc.....	1.30				8	48	1 1/2
Packing houses.....	.95				8	48	1 1/2
Power plants.....	1.375				8	48	1 1/2
Cleveland, Ohio:							
Chief.....			72.00		8	48	1 1/2
Engineers.....			60.00		8	48	1 1/2
Denver, Colo.:							
Refrigeration, 10 to 20 tons—engineer.....				\$155	8	48	1 1/2
Refrigeration and generation over 20 tons—							
First engineer.....				175	8	48	1 1/2
Second and third engineers.....				150	8	48	1 1/2
Kansas City, Mo.:							
Chief engineer, bakery lines.....	.95				8	48	1 1/2
Operating and relief, bakery lines.....	.85				8	48	1 1/2
Creamery and laundry lines.....			37.50-60.00		8	48	1 1/2
Implement houses.....				150-200	8	48	1 1/2
Power houses.....				185-225	8	48	1 1/2
Newspapers.....				165-250	8	48	1 1/2
Milling companies.....				175-250	8	48	1 1/2
Stores and offices.....				165-195	8	48	1 1/2
Hotels.....				150-225	8	48	1 1/2
Beverages.....				150-300	8	48	1 1/2
Miscellaneous.....				150-300	8	48	1 1/2
New York, N. Y.:							
Asphalt plants.....			73.50		8	48	2
Brewery.....		8.50			8	48	2
Brick yards and newspapers.....			54.00		8	48	2
Chief.....			60.00		8	48	2
Coal hoist.....			62.00		9	54	2
Dairies.....			49.00		8	48	2
Theaters—							
First class.....		9.25			8	56	2
Movie and vaudeville.....			60.00		8	56	2
Unfinished buildings.....			77.00		8	56	2
Philadelphia, Pa.:							
Chief.....	1.50				8	44	2
Engineers.....	1.00				8	44	2
Breweries.....			39.00		8	48	1 1/2
Pittsburgh, Pa.:			56.00		8	56	1 1/2
Breweries.....			38.00		8	48	1
Providence, R. I.:							
Chief.....			85.00		8	48	1 1/2
Engineers.....	.915				8	48	1 1/2
St. Louis, Mo.:	1.00				8	48	2 1/2
Breweries—							
Chief.....			50.00		8	48	
Assistant.....			45.00		8	48	1 1/2
San Francisco, Calif.:							
Chief.....		9.25			8	48	1 1/2
Engineers.....		8.00			8	48	1 1/2
Seattle, Wash.:							
Chief.....		8.00			8	48	1 1/2
Engineers.....		7.00			8	48	1 1/2
FIREMEN, OILERS, ETC.							
Boston, Mass.:							
Firemen—							
Commercial.....			36.00		8	48	1 1/2
Manufacturing and job shops.....			30.00		8	48	1 1/2
Public service.....			43.86		8	48	1 1/2

¹ Regular rate per hour multiplied by number shown.

TABLE 3.—*Rates of wages and hours of stationary engineers, firemen, oilers, etc., by cities—Continued*

City and occupation	Wage rate—				Hours—		Rate for over-time 1
	Per hour	Per day	Per week	Per month	Per day	Per week	
FIREMEN, OILERS, ETC.—continued							
Butte, Mont.: Firemen, downtown buildings—		\$6.00			8	56	1 1/2
Chicago, Ill.: Firemen and oilers—				\$225	8	48	1 1/2
Cleveland, Ohio: Firemen—		6.80			8	48	1 1/2
Denver, Colo.: Heating, generating, and refrigerating, under 5 tons—							
Firemen—				110-115	8	48	1 1/2
Runners—				140	8	48	1 1/2
Chiefs—				160	8	48	1 1/2
Heating, generating, and refrigerating, 5 to 20 tons—							
Firemen—				115	8	48	1 1/2
Runners—				140	8	48	1 1/2
Chiefs—				205-250	8	48	1 1/2
Generating and refrigerating, over 20 tons, firemen—				125	8	48	1 1/2
Kansas City, Mo.: Firemen and oilers—	\$0.75				8	48	1 1/2
New York, N. Y.: Firemen—							
Buildings—		8.50			8	48	1 1/2
Theaters—		7.50			8	48	1 1/2
Beverage plants—			\$40.00-\$45.00		8	48	1 1/2
Printing houses—			41.00-43.00		8	48	1 1/2
Dairies and ice plants—			39.00		8	48	1 1/2
Coal yards—			43.00		9	50	2
Hotels—			35.00		8	48	1 1/2
Oilers—							
Beverage plants—			40.00-45.00		8	48	1 1/2
Printing houses—			41.00-43.00		8	48	1 1/2
Dairies—			38.00		8	48	1 1/2
Ice plants—			38.50		8	48	1 1/2
Helpers—							
Beverage plants—			41.50-45.00		8	48	1 1/2
Dairies—			38.00		8	48	1 1/2
Ice plants—			38.50		8	48	1 1/2
Coal passers—							
Beverage plants—			38.00-42.00		8	48	1 1/2
Dairies—			37.00		8	48	1 1/2
Ice plants—			36.00		8	48	1 1/2
Philadelphia, Pa.: Breweries—							
Firemen—			34.00		8	48	1 1/2
Oilers and helpers—			31.00		8	48	1 1/2
Pittsburgh, Pa.: Firemen, oilers, and feed-water tenders—			42.00		8	48	1 1/2
Boiler tenders—			45.00		8	48	1 1/2
Boiler tenders' helpers and coal tenders—			39.00		8	48	1 1/2
Repairmen—			40.50		8	48	1 1/2
Firemen in breweries—			34.00		8	48	1
St. Louis, Mo.: Breweries—							
Firemen—			35.70		8	48	1 1/2
Oilers—			33.30		8	48	1 1/2
Boiler washers—			33.30		8	48	1 1/2
San Francisco, Calif.: Firemen—				155-185	8	48	1

¹ Regular rate per hour multiplied by number shown.**METAL TRADES IN RAILROAD SHOPS**

Hourly rates of pay provided in agreements of the shop-crafts unions with various railroads in a number of cities are shown in Table 4. The unions represented have a total of 8,962 members in the cities specified. Hours worked are 8 per day.

TABLE 4.—*Rates of wages of metal trades in railroad shops, by occupation, city, and railroad*

Occupation	City	Railroad	Rate per hour
Blacksmiths.....	Baltimore, Md.....	Baltimore & Ohio.....	\$0.80
Do.....	Birmingham, Ala.....	Southern.....	.80
Do.....	Cleveland, Ohio.....	Railroad shops.....	.81
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	0.80 to 1.02
Do.....	New Orleans, La.....	Railroad shops.....	.80
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.81; .86; .96
Blacksmiths' helpers.....	Birmingham, Ala.....	Southern.....	.56
Do.....	Cleveland, Ohio.....	Railroad shops.....	.58
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.54 to .64
Do.....	New Orleans, La.....	Railroad shops.....	.56
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.55 to .72
Boilermakers.....	Baltimore, Md.....	Baltimore & Ohio.....	.80
Do.....	Birmingham, Ala.....	Southern.....	.85
Do.....	Cleveland, Ohio.....	Railroad shops.....	.81
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.80
Do.....	New Orleans, La.....	Railroad shops.....	.80
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.81; .91; .96
Boilermakers' helpers.....	Birmingham, Ala.....	Southern.....	.56
Do.....	Cleveland, Ohio.....	Railroad shops.....	.58
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.54
Do.....	New Orleans, La.....	Railroad shops.....	.56
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.55 to .67
Electrical workers.....	Baltimore, Md.....	Baltimore & Ohio.....	.80
Do.....	Birmingham, Ala.....	Southern.....	.80
Do.....	do.....	do.....	1.70
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.80
Do.....	do.....	do.....	1.70
Do.....	Pittsburgh, Pa.....	Baltimore & Ohio.....	.75
Do.....	do.....	do.....	1.58
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.77 to .81
Electrical workers' helpers.....	Birmingham, Ala.....	Southern.....	.56
Do.....	Pittsburgh, Pa.....	Baltimore & Ohio.....	.57
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.53
Machinists.....	Baltimore, Md.....	Baltimore & Ohio.....	.80
Do.....	Birmingham, Ala.....	Southern.....	.80
Do.....	Boston, Mass.....	New York, New Haven & Hartford.....	.85
Do.....	Cleveland, Ohio.....	Railroad shops.....	.81
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.80
Do.....	New Orleans, La.....	Railroad shops.....	.75
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.77 to .81
Machinists' helpers.....	Birmingham, Ala.....	Southern.....	.56
Do.....	Cleveland, Ohio.....	Railroad shops.....	.58
Do.....	Jacksonville, Fla.....	Seaboard Air Line.....	.54
Do.....	New Orleans, La.....	Railroad shops.....	.48
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.53 to .67
Sheet-metal workers.....	Baltimore, Md.....	Baltimore & Ohio.....	.80
Do.....	Pittsburgh, Pa.....	do.....	.75
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.81
Sheet-metal workers' helpers.....	Pittsburgh, Pa.....	Baltimore & Ohio.....	.57
Do.....	St. Louis, Mo.....	Missouri Pacific.....	.53 to .67

¹ Second class.

TRANSPORTATION

Information regarding wage rates and hours of labor was secured for the principal labor organizations of the steam railroads. These data were furnished by officials of the national organizations except in a few cases where it was found more practicable to obtain data from officials of local unions in selected cities.

RAILWAY CARMEN

Union rates of wages of railroad carmen shown in Table 5 are practically the same on all railroads with which the Brotherhood of Railway Carmen has working agreements. For that reason it is deemed unnecessary to specify rates for the various railroads. For rates for the New York Central Railroad add 1 cent per hour to the rates given in the table.

TABLE 5.—*Rates of wages of railway carmen*

[Full-time hours per week, 48]

Occupation	Wage rate per hour	Occupation	Wage rate per hour
MECHANICS		MECHANICS—continued	
Car builders:		Air men.....	\$0.80
Passenger cars.....	\$0.80	Upholsterers.....	.80
Freight cars.....	.73	Welders:	
Carpenters, tank and locomotive.....	.80	Passenger cars.....	.85
Car inspectors.....	.73	Freight cars.....	.79
Millmen.....	.80	Helpers.....	.58
Painters:		APPRENTICES	
Passenger cars and locomotives.....	.80	Regular.....	1.35
Freight cars.....	.73	Helpers.....	.58
Pattern makers.....	.80		

1 Starting rate.

LOCOMOTIVE ENGINEERS

Table 6 presents the basic rates for locomotive engineers on Eastern, Western, and Southeastern railroads as furnished by the Brotherhood of Locomotive Engineers.

TABLE 6.—*Basic rates of pay of locomotive engineers on Eastern, Western, and Southeastern railroads*

Weight on drivers per 100 miles	Passenger service, per 100 miles or minimum per day		Freight service, per 100 miles or minimum per day		Yard service, minimum per day	
	Eastern territory	Western and South- eastern territory	Eastern territory	Western and South- eastern territory	Eastern territory	Western and South- eastern territory
Less than 80,000 pounds.....	\$6.62	\$6.56	\$7.35	\$7.28	\$7.22	\$7.16
80,000 to 100,000 pounds.....	6.62	6.56	7.44	7.37		
100,000 to 140,000 pounds.....	6.71	6.65	7.53	7.46		
140,000 to 170,000 pounds.....	6.79	6.73	7.78	7.71	7.40	7.33
170,000 to 200,000 pounds.....	6.88	6.82	7.96	7.88		
200,000 to 250,000 pounds.....	6.97	6.90	8.13	8.05		
250,000 to 300,000 pounds.....	7.05	6.99	8.28	8.20	7.57	7.50
300,000 to 350,000 pounds.....	7.14	7.07	8.43	8.35		
350,000 to 400,000 pounds.....	7.22	7.16	8.64	8.56		
400,000 to 450,000 pounds.....	7.31	7.24			7.74	7.67
450,000 to 500,000 pounds.....	7.40	7.33				
500,000 pounds and over.....	7.48	7.40	9.18 9.42	9.10 9.33	8.39 8.64	8.31 8.56
Mallets, under 275,000 pounds.....	7.70	7.63				
Mallets, 275,000 pounds and over.....						

LOCOMOTIVE FIREMEN AND HELPERS

Table 7 shows the basic rates of firemen and enginemen for passenger, freight, and yard service on Eastern, Western, and Southeastern railroads, as furnished by the Brotherhood of Locomotive Firemen and Enginemen. Earnings are computed in the same manner as those for engineers.

TABLE 7.—Rates of pay of firemen and electric helpers on Eastern, Western, and Southeastern railroads

Weight on drivers	Eastern railroads				Western railroads						Southeastern railroads			
	Firemen		Electric helpers		Firemen				Electric helpers		Firemen		Electric helpers	
	Per mile	Per day	Per mile	Per day	Coal		Oil		Per mile	Per day	Per mile	Per day	Per mile	Per day
					Per mile	Per day	Per mile	Per day						
PASSENGER SERVICE	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>	
Less than 80,000 pounds.....	4.90	\$4.90	4.90	\$4.90	4.86	\$4.86	4.86	\$4.86	4.86	\$4.86	4.91	\$4.91	4.91	\$4.91
80,000 to 100,000 pounds.....	4.99	4.99	4.90	4.90	4.94	4.94	4.86	4.86	4.86	4.86	4.99	4.99	4.91	4.91
100,000 to 140,000 pounds.....	5.07	5.07	4.90	4.90	5.02	5.02	4.86	4.86	4.86	4.86	5.07	5.07	4.91	4.91
140,000 to 170,000 pounds.....	5.25	5.25	4.90	4.90	5.18	5.18	5.02	5.02	4.86	4.86	5.23	5.23	4.91	4.91
170,000 to 200,000 pounds.....	5.33	5.33	4.90	4.90	5.26	5.26	5.10	5.10	4.86	4.86	5.31	5.31	4.91	4.91
200,000 to 250,000 pounds.....	5.42	5.42	5.07	5.07	5.34	5.34	5.18	5.18	5.02	5.02	5.39	5.39	5.07	5.07
250,000 to 300,000 pounds.....	5.42	5.42	5.07	5.07	5.34	5.34	5.18	5.18	5.02	5.02	5.39	5.39	5.07	5.07
300,000 to 350,000 pounds.....	5.50	5.50	5.07	5.07	5.42	5.42	5.26	5.26	5.02	5.02	5.47	5.47	5.07	5.07
350,000 to 400,000 pounds.....	5.59	5.59	5.07	5.07	5.50	5.50	5.34	5.34	5.02	5.02	5.55	5.55	5.07	5.07
400,000 to 450,000 pounds.....	5.68	5.68	5.25	5.25	5.58	5.58	5.42	5.42	5.18	5.18	5.63	5.63	5.23	5.23
450,000 to 500,000 pounds.....	5.76	5.76	5.25	5.25	5.66	5.66	5.50	5.50	5.18	5.18	5.71	5.71	5.23	5.23
500,000 pounds and over.....	5.85	5.85	5.25	5.25	5.74	5.74	5.58	5.58	5.18	5.18	5.79	5.79	5.23	5.23
Mallets, regardless of weight.....	6.19	6.19			6.06	6.06	5.86	5.86			6.11	6.11		
FREIGHT SERVICE														
Less than 80,000 pounds.....	5.38	5.38	5.38	5.38	5.35	5.35	5.35	5.35	5.35	5.35	5.40	5.40	5.40	5.40
80,000 to 100,000 pounds.....	5.46	5.46	5.38	5.38	5.43	5.43	5.35	5.35	5.35	5.35	5.48	5.48	5.40	5.40
100,000 to 140,000 pounds.....	5.63	5.63	5.38	5.38	5.59	5.59	5.43	5.43	5.35	5.35	5.64	5.64	5.40	5.40
140,000 to 170,000 pounds.....	5.81	5.81	5.38	5.38	5.75	5.75	5.59	5.59	5.35	5.35	5.80	5.80	5.40	5.40
170,000 to 200,000 pounds.....	5.98	5.98	5.38	5.38	5.91	5.91	5.75	5.75	5.35	5.35	5.96	5.96	5.40	5.40
200,000 to 250,000 pounds.....	6.15	6.15	5.55	5.55	6.08	6.08	¹ 5.91	¹ 5.91	5.51	5.51	6.12	6.12	5.56	5.56
250,000 to 300,000 pounds.....	6.32	6.32	5.55	5.55	6.23	6.23	6.23	6.23	5.51	5.51	6.28	6.28	5.56	5.56
300,000 to 350,000 pounds.....	6.59	6.59	5.55	5.55	6.48	6.48	6.48	6.48	5.51	5.51	6.53	6.53	5.56	5.56
350,000 pounds and over.....	6.67	6.67	5.55	5.55	6.55	6.55	6.55	6.55	5.51	5.51	6.60	6.60	5.56	5.56
Mallets, less than 275,000 pounds.....	6.67	6.67			6.55	6.55	6.55	6.55			6.60	6.60		
Mallets, 275,000 pounds and over.....	7.00	7.00			6.86	6.86	6.86	6.86			6.91	6.91		

¹ Oil differential does not apply on locomotives weighing over 215,000 pounds on drivers.

TABLE 7.—*Rates of pay of firemen and electric helpers on Eastern, Western, and Southeastern railroads—Continued*

Weight on drivers	Eastern railroads		Western railroads		Southeastern railroads	
	Firemen, per day	Electric helpers, per day	Firemen, per day	Electric helpers, per day	Firemen, per day	Electric helpers, per day
YARD SERVICE						
Less than 140,000 pounds.....	\$5.68	\$5.68	\$5.63	\$5.63	\$5.63	\$5.63
140,000 to 200,000 pounds.....	5.61	5.68	5.75	5.63	5.75	5.63
200,000 to 300,000 pounds.....	5.93	5.68	5.87	5.63	5.87	5.63
300,000 pounds and over.....	6.11	5.85	6.03	5.79	6.03	5.79
Mallets, less than 275,000 pounds.....	6.88		6.75		6.75	
Mallets, 275,000 pounds and over.....	7.14		6.99		6.99	
HOSTLING SERVICE						
Outside hostlers.....			\$6.36		\$6.27	\$6.27
Inside hostlers.....			5.68		5.63	5.63
Outside hostler's helpers.....			5.07		5.07	5.07

CONDUCTORS AND TRAINMEN

Table 8 shows the basic rates established by agreement of conductors and trainmen in the Eastern district.^a

TABLE 8.—*Basic rates of pay of conductors and trainmen in passenger and freight service*

Occupation and service	Wage rate			Overtime rate per hour
	Per mile	Per day	Per month	
PASSENGER SERVICE				
Conductors.....	4.80	\$7.20	\$216.00	\$0.90
Assistant conductors and ticket collectors.....	3.94	5.91	177.30	.74
Baggagemen:				
Handling express, dynamo, and mail.....	{ 1 3.93	{ 1 5.90	{ 177.00	{ .7375
Handling dynamo and express.....	{ 4.16	{ 6.24	{ 177.00	{ .6950
Handling dynamo and mail.....	{ 3.93	{ 5.90	{ 166.80	{ .6950
Handling express and mail.....	{ 3.71	{ 5.56	{ 166.80	{ .7375
Handling either dynamo or express ¹	{ 3.93	{ 5.90	{ 166.80	{ .6950
Handling mail.....	{ 3.71	{ 5.56	{ 156.60	
Baggagemen.....	3.48	5.22	156.60	.6525
Flagmen and brakemen.....	3.37	5.05	151.50	.6325
FREIGHT SERVICE				
Through and irregular freight, etc.:				
Conductors.....	6.62	6.62	-----	1.2425
Flagmen and brakemen.....	5.20	5.20	-----	.975
Way freight, etc.:				
Conductors.....	7.18	7.18	-----	1.3475
Flagmen and brakemen.....	5.63	5.63	-----	1.0575
Main line local milk trains:				
Conductors.....	4.80	7.20	216.00	.90
Trainmen and flagmen.....	3.48	5.22	156.60	.6525
YARD SERVICE				
Yard foremen.....		7.14	-----	1.340
Yard helpers.....		6.62	-----	1.2425
Yard switchtenders.....		5.07	-----	.9525

¹ When mail does not exceed 3 feet or 56 sacks or pieces.

² When mail does exceed 3 feet or 56 sacks or pieces.

³ Handling either express or mail.

⁴ Paid entirely by railroad.

^a Rates in the Western district are slightly lower: Passenger service, 4.76 cents; freight service, 6.56 cents; local and mixed, 7.11 cents.

In the case of conductors and trainmen in passenger service, the daily rate is computed from an average run of 150 miles. Thus, a conductor would receive one hundred and fifty times the mile rate of 4.8 cents, or \$7.20; this is his minimum daily rate, even though the run may be less than 150 miles. If his run exceeds 150 miles, he is paid the specified rate per mile for each mile of the run.

However, if the monthly earnings of regularly assigned passenger trainmen from guaranties, mileage, overtime, and other rates do not yield the average daily amounts given below, it is provided that for each day that the trainmen are on duty they shall be paid such daily rates.

	Per day
Conductors.....	\$7. 50
Assistant conductors.....	6. 21
Baggagemen handling express and Government mail.....	5. 86
Baggagemen handling either dynamo or express.....	5. 86
Baggagemen handling Government mail.....	5. 52
Baggagemen.....	5. 52
Flagmen and brakemen.....	5. 35

In the freight service "100 miles or less, eight hours or less, straight-away or turnaround" constitute a day's work, and all runs in excess of 100 miles are paid for at the regular mileage rate.

The provisions for overtime in the passenger service read as follows:

(a) Trainmen on short turnaround passenger runs, no single trip of which exceeds 80 miles, including suburban and branch line service, shall be paid overtime for all time actually on duty, or held for duty in excess of 8 hours (computed on each run from the time required to report for duty to the end of that run) within 10 consecutive hours; and also for all time in excess of 10 consecutive hours computed continuously from the time first required to report to the final release at the end of the last run. Time shall be counted as continuous service in all cases where the interval of release from duty at any point does not exceed one hour. This rule applies regardless of mileage made.

For calculating overtime under this rule the management may designate the initial trip.

(b) Trainmen on other passenger runs shall be paid overtime on a speed basis of 20 miles per hour computed continuously from the time required to report for duty until released at the end of last run. Overtime shall be computed on the basis of actual overtime worked or held for duty, except that when the minimum day is paid for the service performed overtime shall not accrue until the expiration of 7 hours and 30 minutes from time of first reporting for duty.

(c) Overtime in all passenger service shall be paid for on the minute basis at a rate per hour of not less than one-eighth of the daily rate herein provided.

In the freight service it is provided that—

(b) On runs of 100 miles or less overtime will begin at the expiration of eight hours; on runs of over 100 miles overtime will begin when the time on duty exceeds the miles run divided by 12½. Overtime shall be paid for on the minute basis, at a rate per hour of three-sixteenths of the daily rate.

(c) Road conductors and trainmen performing more than one class of road service in a day or trip will be paid for the entire service at the highest rate applicable to any class of service performed. The overtime basis for the rate paid will apply for the entire trip.

RAILROAD SIGNALMEN

Wage rates for railroad signalmen were furnished by the Brotherhood of Railroad Signalmen of America and are tabulated in Table 9, by district, railroad, and occupation.

TABLE 9.—*Rates of wages of railroad signalmen, by district, occupation, and railroad*

[Hours, 8 per day; 48 per week]

District, occupation, and railroad	In effect	Rate per hour
SOUTHERN DISTRICT		
Leading signalmen and leading maintainers:		
Atlantic Coast Line.....	Dec. 1, 1929	\$0.85
Central of Georgia.....	do.	.85
Chesapeake & Ohio.....	Apr. 16, 1929	.85
Jacksonville Terminal.....	May 1, 1929	.90
Louisville & Nashville.....	Nov. 1, 1929	.85
Nashville, Chattanooga & St. Louis.....	do.	.85
Richmond, Fredericksburg & Potomac.....	Sept. 1, 1929	.85
Seaboard Air Line.....	Dec. 1, 1927	.85
Southern.....	Mar. 1, 1929	.85
Signalmen and signal maintainers:		
Atlantic Coast Line.....	Dec. 1, 1929	.80
Central of Georgia.....	do.	.80
Chesapeake & Ohio.....	Apr. 16, 1929	.80
Jacksonville Terminal.....	May 1, 1929	.85
Louisville & Nashville.....	Nov. 1, 1929	.80
Memphis Terminal.....	Feb. 28, 1927	.80
Nashville, Chattanooga & St. Louis.....	Nov. 1, 1929	.80
Norfolk & Western.....	Feb. 1, 1929	.80
Richmond, Fredericksburg & Potomac.....	Sept. 1, 1929	.80
Seaboard Air Line.....	Dec. 1, 1927	.80
Southern.....	Mar. 1, 1929	.80
Assistant signalmen and assistant maintainers:		
Atlantic Coast Line.....	Dec. 1, 1929	.74
Central of Georgia.....	do.	.56-.70
Chesapeake & Ohio.....	Apr. 16, 1929	.57-.71
Jacksonville Terminal.....	May 1, 1929	.61-.75
Louisville & Nashville.....	Nov. 1, 1929	.56-.70
Memphis Terminal.....	Feb. 28, 1927	.56-.70
Nashville, Chattanooga & St. Louis.....	Nov. 1, 1929	.56-.70
Norfolk & Western.....	Feb. 1, 1929	.57-.71
Richmond, Fredericksburg & Potomac.....	Sept. 1, 1929	.71
Seaboard Air Line.....	Dec. 1, 1927	.57-.71
Southern.....	Mar. 1, 1929	.57-.71
Helpers:		
Atlantic Coast Line.....	Dec. 1, 1929	.52
Chesapeake & Ohio.....	Apr. 16, 1929	.55
Jacksonville Terminal.....	May 1, 1929	.55
Louisville & Nashville.....	Nov. 1, 1929	.54
Memphis Terminal.....	Feb. 28, 1927	.54
Nashville, Chattanooga & St. Louis.....	Nov. 1, 1929	.54
Norfolk & Western.....	Feb. 1, 1929	.55
Richmond, Fredericksburg & Potomac.....	Sept. 1, 1929	.57
Seaboard Air Line.....	Dec. 1, 1927	.54
Southern.....	Mar. 1, 1929	.55
WESTERN DISTRICT		
Gang foremen:		
Chicago, Burlington & Quincy.....	Feb. 1, 1929	¹ 200.00
Chicago & Western Indiana.....	Feb. 16, 1929	¹ 215.00
Chicago & Alton.....	Feb. 1, 1929	.84
Manufacturers Railway (of St. Louis).....	Oct. 1, 1928	.95
Minneapolis, St. Paul & Sault Ste. Marie.....	Apr. 1, 1929	¹ 214.12
Missouri Pacific.....	Mar. 1, 1929	.88
Northern Pacific.....	do.	.88
Leading signalmen and leading maintainers:		
Atchison Topeka & Santa Fe.....	Feb. 1, 1929	.83
Chicago & Alton.....	do.	.83
Chicago & Northwestern.....	Feb. 16, 1929	.83
Chicago, Burlington & Quincy.....	Feb. 1, 1929	.83
Chicago Great Western.....	Mar. 1, 1929	.83
Chicago, Milwaukee, St. Paul & Pacific.....	do.	.83
Chicago, Rock Island & Pacific.....	do.	.83
Chicago & Western Indiana.....	Feb. 16, 1929	.83
Denver & Rio Grande Western.....	Jan. 1, 1930	.83
Fort Worth & Denver City Railway.....	Nov. 1, 1930	.83
Houston Belt & Terminal Railway Co.....	do.	.82
Illinois Central.....	Mar. 1, 1929	.83
Kansas City Terminal.....	do.	.83
Los Angeles & Salt Lake.....	Mar. 16, 1929	.85
Manufacturers Railway (of St. Louis).....	Oct. 1, 1928	.90
Missouri Pacific.....	Mar. 1, 1928	¹ 214.15
Oregon Short Line.....	Mar. 16, 1929	.85
Oregon-Washington R. R. & Navigation Co.....	do.	.85
St. Louis-San Francisco Ry.....	Apr. 1, 1929	.85
Southern Pacific (Atlantic system).....	Apr. 16, 1929	.80

¹ Per month.

TABLE 9.—*Rates of wages of railroad signalmen, by district, occupation, and railroad—Continued*

[Hours, 8 per day; 48 per week]

District, occupation, and railroad	In effect	Rate per hour
WESTERN DISTRICT—continued		
Leading signalmen and leading maintainers—Continued.		
Southern Pacific (Pacific system).....	May 1, 1929	\$0.83
Terminal Railroad Association of St. Louis.....	Apr. 1, 1929	.83
Texas & Pacific.....	do	.83
Union Pacific.....	Mar. 16, 1929	.85
Western Pacific.....	May 1, 1929	.83
Wabash.....	June 1, 1929	.83
Wichita Valley.....	Nov. 1, 1930	.83
Signalmen and signal maintainers:		
Atchison, Topeka & Santa Fe.....	Dec. 1, 1929	.78
Belt Railway of Chicago.....	Mar. 1, 1929	.78
Chicago & Alton.....	Feb. 1, 1929	.78
Chicago & Eastern Illinois.....	Dec. 1, 1928	.74
Chicago & Northwestern.....	Feb. 16, 1929	.78
Chicago, Burlington & Quincy.....	Feb. 1, 1929	.78
Chicago Great Western.....	Mar. 1, 1929	.78
Chicago, Milwaukee, St. Paul & Pacific.....	do	.78
Chicago, Rock Island & Pacific.....	do	.78
Chicago & Western Indiana.....	Feb. 16, 1929	.78
Denver Union Terminal.....	Feb. 1, 1927	.78
Denver & Rio Grande Western.....	Jan. 1, 1930	.78
Fort Worth & Denver City Railway Co.....	Nov. 1, 1930	.78
Great Northern.....	July 1, 1929	.72
Houston Belt & Terminal Railway Co.....	Nov. 1, 1930	.78
Illinois Central.....	Mar. 1, 1929	.78
Kansas City Terminal.....	do	.78
Los Angeles & Salt Lake.....	Mar. 16, 1929	.77
Manufacturers Railway (of St. Louis).....	Oct. 1, 1928	.85
Wichita Valley Railway Co.....	Nov. 1, 1930	.78
Minneapolis, St. Paul, and Sault Ste. Marie.....	Apr. 1, 1929	1 199.07
Missouri, Kansas & Texas.....	do	1 189.90
Missouri Pacific.....	Mar. 1, 1928	.78
Northern Pacific.....	Mar. 1, 1929	.78
Oregon Short Line.....	Mar. 16, 1929	.85
Oregon-Washington R. R. & Navigation Co.....	do	.77-.79
St. Louis-San Francisco.....	Apr. 1, 1929	.78
Southern Pacific, Atlantic system.....	Apr. 16, 1929	.75
Southern Pacific, Pacific system.....	Mar. 1, 1929	.78
Terminal Railroad Association of St. Louis.....	Apr. 1, 1929	.78
Texas & Pacific.....	do	.78
Union Pacific.....	Mar. 16, 1929	.77-.79
Western Pacific.....	May 1, 1929	.78
Wabash.....	June 1, 1929	.78
Assistant signalmen and assistant maintainers:		
Atchison, Topeka & Santa Fe.....	Feb. 1, 1929	.55-.69
Chicago & Alton.....	do	.54-.68
Chicago & Northwestern.....	Feb. 16, 1929	.55-.69
Chicago, Burlington & Quincy.....	Feb. 1, 1929	.54-.68
Chicago Great Western.....	Mar. 1, 1929	.52-.66
Chicago, Milwaukee, St. Paul & Pacific.....	do	.55-.69
Chicago, Rock Island & Pacific.....	do	.55-.69
Chicago & Western Indiana.....	Feb. 16, 1929	.55-.69
Denver & Rio Grande Western.....	Jan. 1, 1930	.54-.58
Fort Worth & Denver City Railway Co.....	Mar. 1, 1930	.53-.68
Houston Belt & Terminal Railway Co.....	Nov. 1, 1930	.54-.68
Illinois Central.....	Mar. 1, 1929	.55-.69
Kansas City Terminal.....	do	.55-.69
Los Angeles & Salt Lake.....	Mar. 16, 1929	.55-.69
Manufacturers Railway (of St. Louis).....	Oct. 1, 1928	.62-.76
Minneapolis, St. Paul & Sault Ste. Marie.....	Apr. 1, 1929	.58-.72
Missouri, Kansas & Texas.....	do	.53-.67
Missouri Pacific.....	Mar. 1, 1929	.54-.68
Northern Pacific.....	do	.55-.69
Oregon Short Line.....	Mar. 16, 1929	.55-.69
Oregon-Washington R. R. & Navigation Co.....	do	.55-.69
St. Louis-San Francisco.....	Apr. 1, 1929	.54-.68
Southern Pacific, Atlantic system.....	Apr. 16, 1929	.50-.66
Southern Pacific, Pacific system.....	Mar. 1, 1929	.55-.69
Terminal Railroad Association of St. Louis.....	Apr. 1, 1929	.53-.67
Texas & Pacific.....	do	.54-.68
Union Pacific.....	Mar. 16, 1929	.55-.69
Western Pacific.....	May 1, 1929	.55-.69
Wabash.....	June 1, 1929	.55-.69
Wichita Valley.....	Mar. 1, 1930	.53-.67

1 Per month.

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TABLE 9.—Rates of wages of railroad signalmen, by district, occupation, and railroad—Continued

[Hours, 8 per day; 48 per week]

District, occupation, and railroad	In effect	Rate per hour
WESTERN DISTRICT—continued		
Helpers:		
Atchison, Topeka & Santa Fe.....	Feb. 1, 1929	\$0.53
Belt Railway of Chicago.....	Mar. 1, 1929	.53
Chicago & Alton.....	Feb. 1, 1929	.50-.52
Chicago & Northwestern.....	Feb. 16, 1929	.53
Chicago, Burlington & Quincy.....	Feb. 1, 1929	.51-.52
Chicago Great Western.....	Mar. 1, 1929	.52
Chicago, Milwaukee, St. Paul & Pacific.....	do	.53
Chicago, Rock Island & Pacific.....	Mar. 1, 1929	.53
Chicago & Western Indiana.....	Feb. 16, 1929	.53
Denver & Rio Grande Western.....	Jan. 1, 1930	.51
Fort Worth & Denver City Railway Co.....	Nov. 1, 1930	.51
Great Northern.....	July 1, 1929	.47
Houston Belt & Terminal Railway Co.....	Nov. 1, 1930	.51
Illinois Central.....	Mar. 1, 1929	.53
Kansas City Terminal.....	do	.53
Los Angeles & Salt Lake.....	Mar. 16, 1929	.50
Manufacturers Railway (of St. Louis).....	Oct. 1, 1929	.59
Minneapolis, St. Paul & Sault Ste. Marie.....	Apr. 1, 1929	.50
Missouri, Kansas & Texas.....	do	.51
Missouri Pacific.....	Mar. 1, 1929	.51
Northern Pacific.....	do	.50
Oregon Short Line.....	Mar. 16, 1929	.50
Oregon-Washington R. R. & Navigation Co.....	do	.50
St. Louis-San Francisco.....	Apr. 1, 1929	.51
Southern Pacific, Atlantic system.....	Apr. 16, 1929	.49
Southern Pacific, Pacific system.....	Mar. 1, 1929	.53
Terminal Railroad Association of St. Louis.....	Apr. 1, 1929	.51
Texas Pacific.....	do	.51
Union Pacific.....	Mar. 16, 1929	.50
Wabash.....	June 1, 1929	.53
Western Pacific.....	May 1, 1929	.53
Wichita Valley Railway Co.....	Nov. 1, 1930	.51
EASTERN DISTRICT		
General gang foremen:		
Baltimore & Ohio.....	May 1, 1929	.92
Staten Island Rapid Transit.....	do	.92
Boston & Albany.....	Apr. 1, 1929	\$ 7.20
Boston & Maine.....	Oct. 1, 1929	.84½
Boston Terminal.....	Oct. 14, 1929	.94
Central R. R. of New Jersey.....	Apr. 1, 1929	1 230.00
Chicago, Indianapolis & Louisville.....	Feb. 1, 1929	1 200.00
Delaware & Hudson.....	July 1, 1929	1 200.00
Elgin, Joliet & Eastern.....	do	1 230.00-235.00
Grand Trunk Western.....	do	1 230.00
Maine Central.....	Apr. 1, 1929	.87
New York, Chicago & St. Louis.....	Nov. 1, 1929	1 220.00
New York, New Haven & Hartford.....	Aug. 1, 1929	.87
Pennsylvania R. R.....	Feb. 1, 1929	.99
Pere Marquette.....	June 1, 1929	1 227.00
Leading signalmen and leading maintainers:		
Baltimore & Ohio.....	May 1, 1929	.87
Staten Island Rapid Transit.....	do	.87
Baltimore & Ohio Chicago Terminal.....	May 16, 1929	.87
Boston & Albany.....	Apr. 1, 1929	\$ 7.04
Brooklyn-Manhattan Transit Co.....	Apr. 15, 1927	.86
Buffalo, Rochester & Pittsburgh.....	Dec. 1, 1929	.85
Central R. R. of New Jersey.....	Apr. 1, 1929	.87
Cleveland, Cincinnati, Chicago & St. Louis.....	do	.88
Delaware & Hudson.....	July 1, 1929	1 195.00
Delaware, Lackawanna & Western.....	Apr. 16, 1929	.87
Elgin, Joliet & Eastern.....	July 1, 1929	.90
Erie R. R.....	May 16, 1929	.87
Grand Central Terminal (N. Y. City).....	Apr. 1, 1929	.90
Grand Trunk Western.....	July 1, 1929	.87
Lehigh Valley.....	Apr. 16, 1929	.87
Maine Central.....	Apr. 1, 1929	.82
Michigan Central.....	do	.90
New York Central.....	do	.90
New York, Chicago & St. Louis.....	Nov. 1, 1929	.87
Pennsylvania.....	Feb. 1, 1929	.88-.94
Pere Marquette.....	June 1, 1929	.89
Pittsburgh & Lake Erie.....	Apr. 1, 1929	.88
Reading.....	Feb. 1, 1929	.87

¹ Per month.

² Per day.

TABLE 9.—Rates of wages of railroad signalmen, by district, occupation, and railroad—Continued

[Hours, 8 per day; 48 per week]

District, occupation, and railroad	In effect	Rate per hour
EASTERN DISTRICT—continued		
Signalmen and signal maintainers:		
Baltimore & Ohio.....	May 1, 1929	\$0.82
Staten Island Rapid Transit.....	do.....	.82
Baltimore & Ohio Chicago Terminal.....	May 16, 1929	.82
Boston & Albany.....	Apr. 1, 1929	1 6.64
Boston & Maine.....	Oct. 1, 1929	.79½
Brooklyn-Manhattan Transit Co.....	Apr. 15, 1927	.82
Buffalo, Rochester & Pittsburgh.....	Dec. 1, 1929	.80
Central R. R. of New Jersey.....	Apr. 1, 1929	.82
Chicago, Indianapolis & Louisville.....	Feb. 1, 1929	.78
Cleveland, Cincinnati, Chicago & St. Louis (A).....	Apr. 1, 1929	.79-.83
Cleveland, Cincinnati, Chicago & St. Louis (B).....	do.....	.79
Delaware & Hudson.....	July 1, 1923	170.00-185.00
Delaware, Lackawanna & Western.....	Apr. 16, 1929	.82
Elgin, Joliet & Eastern.....	July 1, 1929	.83
Erie.....	May 16, 1929	.82
Grand Central Terminal (N. Y. City).....	Apr. 1, 1929	.83-.87
Grand Trunk Western.....	July 1, 1929	.83
Lehigh Valley.....	Apr. 16, 1929	.82
Maine Central.....	Apr. 1, 1929	.77
Michigan Central.....	do.....	.83
New York Central.....	do.....	.83
New York, Chicago & St. Louis.....	Nov. 1, 1929	.82
New York, New Haven & Hartford.....	Aug. 1, 1929	.82
Pere Marquette.....	June 1, 1929	.79
Pittsburgh & Lake Erie.....	Apr. 1, 1929	.83
Reading.....	Feb. 1, 1929	.82
Assistant signalmen and assistant maintainers:		
Baltimore & Ohio.....	May 1, 1929	.59-.73
Staten Island Rapid Transit.....	do.....	.59-.73
Baltimore & Ohio Chicago Terminal.....	May 16, 1929	.59-.73
Boston & Albany.....	Apr. 1, 1929	1 5.84
Boston & Maine.....	Oct. 1, 1929	.56½-.70½
Brooklyn-Manhattan Transit Co.....	Apr. 15, 1927	.62-.70
Buffalo, Rochester & Pittsburgh.....	Dec. 1, 1929	.57-.71
Central R. R. of New Jersey.....	Apr. 1, 1929	.59-.73
Cleveland, Cincinnati, Chicago & St. Louis.....	do.....	.74
Delaware & Hudson.....	July 1, 1923	.68
Delaware, Lackawanna & Western.....	Apr. 16, 1929	.59-.73
Elgin, Joliet & Eastern.....	July 1, 1929	.60-.74
Erie.....	May 16, 1929	.59-.73
Grand Central Terminal (N. Y. City).....	Apr. 1, 1929	.60-.74
Lehigh Valley.....	Apr. 16, 1929	.59-.73
Maine Central.....	Apr. 1, 1929	.54-.68
Michigan Central.....	do.....	.60-.74
New York Central.....	do.....	.60-.74
New York, Chicago & St. Louis.....	Nov. 1, 1929	.59-.73
New York, New Haven & Hartford.....	Aug. 1, 1929	.58-.72
Pennsylvania.....	Feb. 1, 1929	.59-.73
Pere Marquette.....	June 1, 1929	.56-.70
Pittsburgh & Lake Erie.....	Apr. 1, 1929	.60-.74
Reading.....	Feb. 1, 1929	.68
Helpers:		
Baltimore & Ohio.....	May 1, 1929	.67
Staten Island Rapid Transit.....	do.....	.67
Baltimore & Ohio Chicago Terminal.....	May 16, 1929	.67
Boston & Albany.....	Apr. 1, 1929	.68
Boston & Maine.....	Oct. 1, 1929	1 51½-.53½
Boston Terminal Co.....	Oct. 14, 1929	.54
New York Transit Corporation.....	do.....	.50
Buffalo, Rochester & Pittsburgh.....	Dec. 1, 1929	.55
Central R. R. of New Jersey.....	Apr. 1, 1929	.57
Chicago, Indianapolis & Louisville.....	Feb. 1, 1929	.53
Cleveland, Cincinnati, Chicago & St. Louis.....	Apr. 1, 1929	.59
Delaware & Hudson.....	July 1, 1923	.53
Delaware, Lackawanna & Western.....	Apr. 16, 1929	.57
Elgin, Joliet & Eastern.....	July 1, 1929	.59
Erie.....	May 16, 1929	.53-.57
Grand Central Terminal (N. Y. City).....	Apr. 1, 1929	.58
Hudson & Manhattan.....	Mar. 31, 1929	.52½
Lehigh Valley.....	Apr. 16, 1929	.57
Maine Central.....	Apr. 1, 1929	.47-.50
Michigan Central.....	do.....	.58
New York Central.....	do.....	.58
New York, Chicago & St. Louis.....	Nov. 1, 1929	.56
New York, New Haven & Hartford.....	Aug. 1, 1929	.54-.56
Pennsylvania.....	Feb. 1, 1929	.58
Pittsburgh & Lake Erie.....	Apr. 1, 1929	.59
Reading.....	Feb. 1, 1929	.45-.48

¹ Per month.

² Per day.

RAILWAY, EXPRESS, AND STEAMSHIP CLERKS AND FREIGHT HANDLERS

In Table 10 are shown data obtained by the agents of the Bureau of Labor Statistics from local officials of the union in specified cities for railway, express, and steamship clerks and for freight handlers.

TABLE 10.—*Rates of wages of railway, express, and steamship clerks, freight handlers, etc., in specified cities*

City and occupation	Wage rate—				Rate for over-time ¹	Hours—	
	Per hour	Per day	Per week	Per month		Per day	Per week
RAILWAY, EXPRESS, AND STEAMSHIP CLERKS							
Boston, Mass.:							
Collectors, express charges.....			\$32.82		1½	8	48
Guards.....			28.45		1½	8	48
Money delivery men.....			37.68		1½	8	48
Chief money clerks.....			44.94		1½	8	48
Assistant chief money clerks.....			42.30		1½	8	48
Money clerks.....			38.83		1½	8	48
Superintendent of vehicles.....			57.67		1½	8	48
Supervisors, vehicle department.....			51.91		1½	8	48
Chief clerks, vehicle department.....			45.58		1½	8	44
Clerks, class A, vehicle department.....			36.29		1½	8	44
Clerks, class B, vehicle department.....			33.98		1½	8	44
Clerks, class C, vehicle department.....			28.21		1½	8	44
General clerks, vehicle department.....			33.98		1½	8	44
Clerks, vehicle department.....			27.06		1½	8	44
Inspectors, vehicles.....			40.52		1½	8	48
General foremen.....			42.59		1½	8	48
Route foremen.....			38.59		1½	8	48
Dispatchers.....			38.59		1½	8	48
Assistant dispatchers.....			32.82		1½	8	48
Stenographers, vehicle department.....			27.06		1½	8	44
Stenographers.....			27.06		1½	8	44
Chief clerks.....			28.21		1½	8	44
Information clerks.....			45.58		1½	8	44
Clerks, class A.....			32.82		1½	8	44
Clerks, class B.....			36.28		1½	8	44
Clerks, class C.....			34.22		1½	8	44
Clerks.....			32.82		1½	8	44
General foremen, terminal station.....			24.75		1½	8	44
Foremen, terminal station.....			42.59		1½	8	48
General clerks, terminal station.....			35.59		1½	8	48
Chief value clerks.....			33.98		1½	8	48
Value clerks.....			38.88		1½	8	48
Chief waybill clerks.....			34.22		1½	8	48
Way clerks.....			40.28		1½	8	48
Claim investigators.....			34.22		1½	8	48
Dallas, Tex.:							
Platform men.....				\$117.74	1½	8	48
Callers and checkers.....				122.64	1½	8	48
Car loaders.....				127.64	1½	8	48
Chauffeurs.....				132.64	1½	8	48
Waybill and record clerks.....				132.64	1½	8	48
Collectors.....				136.64	1½	8	48
Statement and money clerks.....				147.64	1½	8	48
Jacksonville, Fla.:							
Clerks and checkers.....		\$4.35-7.12			1½	8	48
Clerks, first class.....		5.74			1½	8	48
Clerks, second class.....		3.91			1½	8	48
Kansas City, Mo.:							
Clerks, prepaid.....				131.62-166.62	1½	8	48
Clerks, settlement.....				141.62-166.62	1½	8	48
Clerks, money, day.....				176.62	1½	8	48
Clerks, money, night.....				187.64-161.62	1½	8	48
Clerks and typists.....				121.62	1½	8	48

¹ Regular rate multiplied by number shown.

TABLE 10.—*Rates of wages of railway, express, and steamship clerks, freight handlers, etc., in specified cities—Continued*

City and occupation	Wage rate—				Rate for over-time ¹	Hours—	
	Per hour	Per day	Per week	Per month		Per day	Per week
RAILWAY, EXPRESS, AND STEAMSHIP CLERKS—continued							
Kansas City, Mo.—Continued.							
Clerks and stenographers.....				\$156.62	1½	8	48
Clerks, revising.....				141.62	1½	8	48
Clerks, receiving.....				127.64-142.64	1½	8	48
Clerks, waybill.....				126.62	1½	8	48
Miscellaneous clerks.....				116.62-171.62	1½	8	48
Assistant foremen, terminal station.....					1½	8	48
Mail dispatchers, terminal station.....		\$5.16½-5.88			1½	8	48
Parcel checkmen, terminal station.....		5.31-5.40			1½	8	48
Baggage clerks, terminal station.....		3.94			1½	8	48
Mail and baggage handlers, terminal station.....		4.72½-5.12			1½	8	48
Chief accountants.....	\$0.563				1½	8	48
Accountants.....		5.86			1½	8	48
Yard clerks.....		1.78-5.62			1½	8	48
New Orleans, La.:							
Clerks, freight and baggage.....		4.02-5.86			1½	8	48
Clerks, superintendent's office.....		4.53-5.04			1½	8	48
Clerks, class A.....		4.55-8.06			1½	8	48
Clerks, class B.....		3.95-7.00			1½	8	48
New York, N. Y.:							
Checkers.....			\$31.30		1½	8	48
Steamship clerks.....		6.50			1½	8	44
Providence, R. I.:							
Clerks.....			{ 24.00 35.00 }		1½	8	48
Expressmen.....			29.00		1½	8	48
Pittsburgh, Pa.:							
Callers.....			25.20		1½	8	48
Callers and freight men.....			26.16		1½	8	48
Delivery clerks and checkers.....			124.00		1½	8	48
St. Louis, Mo.:							
Station accountants.....		6.90			1½	8	48
Assistant accountants.....		5.25			1½	8	48
Rate clerks.....		5.65-6.05			1½	8	48
Bill clerks.....		5.05-5.25			1½	8	48
Claim clerks.....		5.25			1½	8	48
Check clerks.....		5.00			1½	8	48
Receiving and delivery clerks.....		5.00-5.25			1½	8	48
Stenographer-clerks.....		5.00			1½	8	48
Voucher and bill clerks.....		5.15-5.90			1½	8	48
Comptometer operators.....		3.70-3.80			1½	8	48
Typists.....		3.70-3.80			1½	8	48
Seattle, Wash.: Checkers, weighers, and spotters.....							
	.90				1½	8	48
FREIGHT HANDLERS, ETC.							
Baltimore, Md.: Freight handlers.....							
	{ .500 .610 }				1½	8	48
Boston, Mass.:							
Station men, loaders.....			33.06		1½	8	48
Station men, unloaders.....			31.91		1½	8	48
Chicago, Ill.:							
Truckers, gasoline and electric, platforms.....	.680				1½	8	48
Truckers, gasoline, warehouse.....	{ .470 .550 }				1½	8	48
Kansas City, Mo.: Truckers and freight handlers.....							
	.46				1½	8	48
New Orleans, La.: Freight handlers.....							
		\$ 5.12			1½	8	48
New York, N. Y.:							
Platform men.....			32.68		1½	8	48
Assorters.....			33.83		1½	8	48
Pittsburgh, Pa.:							
Truckers.....			{ 24.24 24.43 }		1½	8	48
Freight handlers and coopers.....			25.20		1½	8	48

¹ Regular rate multiplied by number shown.² Per hour.³ Average.

MAINTENANCE-OF-WAY EMPLOYEES

Table 11 following shows the rates of the various classes of maintenance-of-way employees, as established by agreement. These data were supplied by the Brotherhood of Maintenance-of-Way Employees. The agreements generally provide for an 8-hour day and overtime is paid at the regular rate for the ninth and tenth hours and at the rate of time and a half thereafter.

On account of limited space, rates for only a few railroads in each district are presented.

Pumper and crossing watchmen work every day in the year and their hours vary from 8 to 12 per day. These employees are usually paid on a monthly basis.

TABLE 11.—Rates of wages of maintenance-of-way employees

Occupation, region, and railroad	Wage rate per month		Occupation, region, and railroad	Wage rate per month	
	Mini- mum	Maxi- mum		Mini- mum	Maxi- mum
GANG FOREMEN			GANG FOREMEN—continued		
Eastern region:			Southwestern region—Contd.		
Bridge and building—			Track and roadway—Contd.		
Baltimore & Ohio.....	\$170. 00	\$190. 00	Missouri, Kansas & Texas—		
New York Central—			Extra gang.....	\$138. 00	-----
Carpenters.....	225. 00	235. 00	Section.....	125. 00	\$149. 00
Painters.....	205. 00	225. 00	International Great North-		
Grand Trunk—			ern—		
Shop.....	177. 00	-----	Extra gang.....	125. 00	-----
Carpenters.....	160. 00	-----	Section.....	115. 00	125. 00
Painters.....	160. 00	-----	Central Western region:		
Track and roadway—			Bridge and building—		
Baltimore & Ohio.....	134. 00	160. 00	Chicago, Rock Island &		
Extra gang.....	137. 00	155. 00	Pacific—		
Section.....			Carpenters.....	158. 00	190. 00
New York Central—	128. 00	171. 00	Painters.....	170. 00	190. 00
Grand Trunk—			Illinois Central—		
Extra gang.....	150. 00	-----	Carpenters.....	156. 00	180. 00
Section.....	123. 00	125. 50	Ironworkers.....	156. 00	197. 00
Southeastern region:			Painters and masons.....	156. 00	-----
Bridge and building—			Wabash—		
Southern.....	162. 00	167. 50	Carpenters.....	195. 00	-----
Louisville & Nashville—			Painters.....	180. 00	-----
Carpenters.....	160. 00	-----	Track and roadway—		
Painters.....	155. 00	-----	Chicago, Rock Island &		
Atlantic Coast Line—			Pacific—		
Carpenters.....	167. 50	-----	Extra gang.....	125. 00	139. 00
Ironworkers.....	205. 00	210. 00	Section.....	121. 00	140. 00
Painters.....	152. 50	-----	Illinois Central—		
Track and roadway—			Extra gang.....	135. 00	172. 00
Southern—			Section.....	115. 00	149. 75
Extra gang.....	147. 00	-----	Wabash—		
Section.....	132. 50	140. 50	Extra gang.....	145. 00	185. 00
Louisville & Nashville—			Section.....	122. 00	135. 00
Extra gang.....	136. 00	151. 24	Northwestern region:		
Section.....	130. 00	140. 00	Bridge and building—		
Atlantic Coast Line—			Chicago & Northwestern.....	172. 50	-----
Extra gang.....	157. 50	-----	Chicago, Milwaukee, St.		
Section.....	132. 50	147. 50	Paul & Pacific.....	120. 00	-----
Southwestern region:			Chicago, St. Paul, Minne-		
Bridge and building—			apolis & Omaha—		
Missouri Pacific—			Carpenters.....	170. 00	-----
Carpenters and painters.....	175. 00	-----	Ironworkers.....	225. 00	-----
Ironworkers.....	200. 00	250. 00	Track and roadway—		
Missouri, Kansas & Texas—			Chicago & Northwestern—		
Carpenters.....	170. 00	177. 50	Extra gang.....	145. 00	-----
Ironworkers.....	222. 00	-----	Section.....	117. 75	144. 50
Painters.....	170. 00	-----	Chicago, Milwaukee, St.		
International Great North-			Paul & Pacific—		
ern, carpenters and paint-			Extra gang.....	140. 00	-----
ers.....	170. 00	-----	Section.....	120. 24	135. 34
Track and roadway—			Northern Pacific—		
Missouri Pacific—			Extra gang.....	135. 00	160. 00
Extra gang.....	145. 00	150. 00	Section.....	121. 00	140. 00
Section.....	120. 00	135. 00			

TABLE 11.—Rates of wages of maintenance-of-way employees—Continued

Occupation, region, and railroad	Wage rate per month		Occupation, region, and railroad	Wage rate per hour	
	Minimum	Maximum		Minimum	Maximum
ASSISTANT GANG FOREMEN			ASSISTANT GANG FOREMEN—CON.		
Eastern region:			Northwestern region—Contd.		
Bridge and building—			Track and roadway—Contd.		
Baltimore & Ohio	\$90.66	\$90.7575	Northern Pacific—		
New York Central	1.63	1.915	Extra gang	\$110.00	
Grand Trunk	1.61	1.79	Section	\$109.00	\$114.50
Track and roadway—			CARPENTERS (BRIDGE AND BUILDING)		
Baltimore & Ohio—			Eastern region:		
Extra gang	1.43	1.53	Baltimore & Ohio	.61	.70
Section	1.37	1.53	New York, New Haven & Hartford	.61	.77
New York Central	1.45	1.52	Grand Trunk	.55	.60
Grand Trunk (section)	1.56		Southeastern region:		
Southeastern region:			Southern	.64	.65
Bridge and building—			Louisville & Nashville	.62	.6275
Southern	143.00	162.50	Chesapeake & Ohio	.62	.64
Norfolk & Western	152.50		Southwestern region:		
Louisville & Nashville—			Missouri Pacific	.60	
Carpenters	142.00		International Great Northern	.59	
Painters	137.00		Missouri, Kansas & Texas	.58	.7225
Track and roadway—			Central Western region:		
Southern—			Chicago, Rock Island & Pacific	.545	.63
Extra gang	113.50		Illinois Central	.59	.6825
Section	111.50		Wabash	.605	.655
Norfolk & Western—			Northwestern region:		
Extra gang	129.50		Chicago & Northwestern	.585	.6475
Section	119.00		Chicago, Milwaukee, St. Paul & Pacific	.585	.6425
Atlantic Coast Line	127.50		Northern Pacific	.595	.645
Southwestern region:			PAINTERS (BRIDGE AND BUILDING)		
Bridge and building—			Eastern region:		
Missouri Pacific	1.65	1.785	Baltimore & Ohio	.65	.70
International Great Northern	1.63		New York, New Haven & Hartford	.61	.67
Track and roadway—			Grand Trunk	.60	.74
Missouri Pacific—			Southeastern region:		
Extra gang	95.00	105.00	Southern	.64	
Section	1.46	1.51	Louisville & Nashville	.62	
International Great Northern—			Chesapeake & Ohio	.62	.71
Extra gang	1.39	1.40	Southwestern region:		
Section	1.40		Missouri Pacific	.60	
Missouri, Kansas & Texas—			International Great Northern	.59	
Extra gang	1.475	1.495	Central Western region:		
Section	1.5325	1.535	Chicago, Rock Island & Pacific	.585	.61
Central Western region:			Illinois Central	.59	.6825
Bridge and building—			Wabash	.605	.655
Illinois Central—			Northwestern region:		
Carpenters	128.50	149.75	Chicago & Northwestern	.585	.61
Ironworkers	135.00	147.75	Northern Pacific	.595	.645
Painters	139.00	155.00	Great Northern	.645	
Southern Pacific—			IRONWORKERS (BRIDGE AND BUILDING)		
Carpenters	129.00	163.00	Southeastern region:		
Painters	157.50	163.50	Central of Georgia	.46	.57
Ironworkers and plumbers	157.50		Southwestern region:		
Track and roadway—			Missouri Pacific	.5150	.815
Illinois Central—			Missouri, Kansas & Texas	.59	.74
Extra gang	135.00	172.00	Central Western region:		
Section	115.00	149.75	Southern Pacific	.72	.78
Chicago, Rock Island & Pacific—			Denver & Rio Grande Western	.68	.76
Extra gang	105.50	112.00	Northwestern region:		
Section	105.50	112.00	Chicago, St. Paul, Minneapolis & Omaha	.605	.655
Northwestern region:					
Bridge and building—					
Chicago, Milwaukee, St. Paul & Pacific	1.60	1.655			
Northern Pacific	137.50				
Track and roadway—					
Chicago, Milwaukee, St. Paul & Pacific					
Extra gang	1.535				
Section	1.515				

1 Per hour.

1 Per month.

TABLE 11.—*Rates of wages of maintenance-of-way employees—Continued*

Occupation, region, and railroad	Wage rate per hour		Occupation, region, and railroad	Wage rate per hour	
	Minimum	Maximum		Minimum	Maximum
MASONS, BRICKLAYERS, AND PLASTERERS (BRIDGE AND BUILDING)			LABORERS (EXTRA GANG AND WORK TRAIN)—continued		
Eastern region:			Southeastern region—Con.		
Baltimore & Ohio.....	\$0.6375	\$0.7075	Chesapeake & Ohio.....	\$0.35	\$0.40
New York, New Haven & Hartford.....	.69	-----	Central of Georgia.....	.21	.25
Southeastern region:			Southwestern region:		
Southern.....	.64	-----	Missouri Pacific.....	.275	.38
Chesapeake & Ohio.....	.71	-----	Missouri, Kansas & Texas.....	.34	.445
Norfolk & Western.....	.7625	-----	St. Louis Southwestern.....	.3275	.41
Central Western region:			Central Western region:		
Chicago, Rock Island & Pacific.....	.585	.61	Wabash.....	.37	.40
Illinois Central.....	.685	1.525	Denver & Rio Grande Western.....	.32	.38
Southern Pacific.....	.70	-----	Northwestern region:		
Northwestern region:			Great Northern.....	.35	-----
Chicago & Northwestern.....	.61	.68	Northern Pacific.....	.39	-----
Chicago, St. Paul, Minneapolis & Omaha.....	.575	.625	Chicago & Northwestern.....	.35	-----
PLUMBERS (BRIDGE AND BUILDING)			SECTION LABORERS		
Eastern region:			Eastern region:		
Grand Trunk.....	.56	.74	Baltimore & Ohio.....	.32	.48
Southeastern region:			New York Central.....	.40	.47
Central of Georgia.....	.77	-----	Pere Marquette.....	.37	.46
Southwestern region:			Southeastern region:		
Missouri, Kansas & Texas.....	.7399	-----	Louisville & Nashville.....	.28	.39
Central Western region:			Chesapeake & Ohio.....	.35	.40
Southern Pacific.....	.62	.70	Norfolk & Western.....	.37	.40
Northwestern region:			Southwestern region:		
Northern Pacific.....	.715	.755	Missouri Pacific.....	.285	.39
HELPERS (BRIDGE AND BUILDING)			Missouri, Kansas & Texas.....	.2825	.40
Eastern region:			International Great Northern.....	.25	.30
Baltimore & Ohio.....	.48	.55	Central Western region:		
New York, New Haven & Hartford.....	.47	-----	Wabash.....	.37	.45
Grand Trunk.....	.49	.55	Denver & Rio Grande Western.....	.32	.38
Southeastern region:			Northwestern region:		
Southern.....	.50	.51	Chicago, Milwaukee, St. Paul & Pacific.....	.39	-----
Chesapeake & Ohio.....	.46	-----	Chicago, St. Paul, Minneapolis & Omaha.....	.37	.41
Norfolk & Western.....	.495	.55	Great Northern.....	.37	.41
Southwestern region:					
Missouri Pacific.....	.50	-----			
Missouri, Kansas & Texas.....	.46	.515			
International Great Northern.....	.47	-----			
Central Western region:					
Illinois Central.....	.455	.55			
Southern Pacific.....	.45	.55			
Denver & Rio Grande Western.....	.51	-----			
Northwestern region:					
Chicago & Northwestern.....	.49	.52			
Chicago, St. Paul, Minneapolis & Omaha.....	.46	.50			
Northern Pacific.....	.475	.515			
Great Northern.....	.485	.535			
LABORERS (EXTRA GANG AND WORK TRAIN)					
Eastern region:					
Baltimore & Ohio.....	.38	.48			
New York Central.....	.40	.47			
Maine Central.....	.37	.41			
Southeastern region:					
Louisville & Nashville.....	.275	.38			

Rate per month

PUMPERS

Eastern region:		
Baltimore & Ohio.....	\$65.00	\$141.00
New York Central.....	79.00	129.00
Grand Trunk.....	69.00	89.00
Southeastern region:		
Southern.....	37.50	90.00
Louisville & Nashville.....	30.00	100.00
Norfolk & Western.....	83.88	93.88
Southwestern region:		
Missouri Pacific.....	10.00	125.00
International Great Northern.....	55.00	123.00
St. Louis-San Francisco.....	45.00	123.42
Central Western region:		
Chicago, Rock Island & Pacific.....	57.17	144.60
Wabash.....	35.00	118.00
Southern Pacific.....	101.00	153.00
Northwestern region:		
Chicago & Northwestern.....	57.12	98.88
Chicago, Milwaukee, St. Paul & Pacific.....	36.02	109.50
Chicago, St. Paul, Minneapolis & Omaha.....	61.00	86.00

TABLE 11.—*Rates of wages of maintenance-of-way employees*—Continued

Occupation, region, and railroad	Wage rate per month		Occupation, region, and railroad	Wage rate per month	
	Mini- mum	Maxi- mum		Mini- mum	Maxi- mum
CROSSING AND BRIDGE FLAGMEN AND GATEMEN			CROSSING AND BRIDGE FLAGMEN AND GATEMEN—continued		
Eastern region:			Central Western region:		
Baltimore & Ohio.....	\$61.50	\$123.00	Chicago, Rock Island & Pa- cific.....	\$61.61	\$118.82
New York Central.....	68.00	118.00	Wabash.....	30.00	120.00
Grand Trunk.....	53.50	95.00	Southern Pacific.....	70.00	105.00
Southeastern region:			Northwestern region:		
Southern.....	47.50	96.00	Chicago & Northwestern.....	55.00	135.00
Louisville & Nashville.....	52.48	78.79	Chicago, St. Paul, Minneapo- lis & Omaha.....	56.00	107.00
Norfolk & Western.....	55.96	101.46	Northern Pacific.....	56.43	132.54
Southwestern region:					
Missouri Pacific.....	53.20	102.45			
International Great Northern.....	43.90	79.90			
Missouri, Kansas & Texas.....	55.90	100.00			

RAILROAD TELEGRAPHERS

The data in Table 12, furnished by the Order of Railroad Telegraphers, show hourly wages for the specified occupations and railroads given. Telegraphers work an 8-hour day and a 48-hour week, with time and one-half for overtime. The data cover a membership of approximately 22,000.

TABLE 12.—Average service rates of wages per hour in railroad telegraphy, by specified occupations and railroads

Railroad	Average hourly rate of wages paid—												
	Agents	Agent telegraphers	Relay managers or wire chiefs	Relay telegraphers	Relay telephoners	Relay Morkrum operators	Yard, terminal, and dispatcher's office telegraphers	Road telegraphers	Tower or train directors	Levermen telegraphers	Levermen nontelegraph	Car distributors	Agents, small nontelegraph
Atchison, Topeka & Santa Fe.....	\$0.8897	\$0.7398	\$0.8472	\$0.7764	\$0.5800	\$0.6355	\$0.7203	\$0.6608	-----	\$0.6493	\$0.6258	\$0.8133	\$0.5144
Baltimore & Ohio.....	.7061	.6521	.8619	.7961	-----	-----	.7327	.6586	-----	.7010	.6167	-----	.5160
Boston & Maine.....	.7213	.6941	.8875	.7858	-----	-----	.6921	.6455	\$0.9258	-----	.7498	.8425	.2900
Chicago & Northwestern.....	.6919	.6498	.9039	.8556	-----	-----	.7514	.6560	-----	.6564	.5904	-----	.6222
Illinois Central.....	.7074	.6404	.9588	.8350	-----	.6250	.7446	.6787	-----	.6852	.6179	.8529	.4916
Louisville & Nashville.....	.7349	.6509	.8462	.7530	.6000	.6000	.7108	.6246	-----	.6567	.5785	-----	.5179
Michigan Central.....	.7349	.6552	.9471	.7911	-----	-----	.6892	.6421	.7500	.6906	.6191	-----	-----
Missouri Pacific.....	.8453	.6537	.9053	.7947	-----	-----	.6967	.6445	-----	.6600	.6155	.8267	.4002
New York, New Haven & Hartford.....	.6852	.6565	-----	.7900	-----	-----	.7006	.6325	.8300	.7288	.7056	.8400	-----
New York Central:													
East.....	.6894	.6473	.8793	.7831	.6400	-----	.7323	.6400	.9017	.6858	.6528	.7683	-----
West.....	.7129	.6517	.9200	.8010	-----	-----	.7406	.6309	.8000	.6933	.6411	-----	-----
Northern Pacific.....	.7340	.6610	.9417	.8070	-----	-----	.7440	.6494	-----	.6723	.6536	-----	-----
Southern Pacific:													
Atlantic System.....	.8159	.6737	.8600	.7861	-----	.6180	.7490	.6673	-----	.6633	.6008	-----	-----
Pacific System.....	.8373	.7125	.8828	.8350	-----	.5628	.7915	.6953	-----	.7394	.6427	-----	.5268
Seaboard Air Line.....	.8530	.6288	.8543	.7665	-----	-----	.7070	.6137	-----	.5800	.5600	-----	-----
Southern Railway.....	.7342	.6368	.8056	.7600	-----	.6000	.6963	.6337	-----	.6763	.5661	-----	.5080
Union Pacific.....	.8134	.6252	.8583	.7821	.6300	.6367	.7191	.6431	-----	.6451	.6268	-----	.5100

CAR PORTERS, MAIDS, ETC.

Wage rates for car porters and maids are computed on a standard month's work of 11,000 miles. For each 100 miles per month over 11,000 miles 60 cents is added. Table 13 shows the rates as reported from Kansas City, St. Louis, and New York.

TABLE 13.—Rates of wages of car porters and maids working out of specified cities

City and occupation	Wage rate per month			
	Mini- mum	2 to 5 years' service	5 to 15 years' service	15 years' service and over
Kansas City and St. Louis:				
Maids.....	\$75. 00	\$78. 50	\$82. 00	\$85. 50
Porters—				
Standard cars.....	77. 50	81. 00	85. 00	88. 50
Tourist cars.....	84. 00	87. 50	91. 50	95. 00
Swing porters.....	88. 00	90. 50	94. 00	98. 00
In charge of cars.....	90. 00	93. 50	98. 00	102. 00
Compartment cars.....	90. 00	93. 50	98. 00	102. 00
In charge of private cars.....	95. 50	100. 00	105. 00	109. 00
New York, N. Y.:				
Maids.....	70. 00			
Porters.....	72. 50			

SLEEPING AND PARLOR CAR CONDUCTORS

Rates for sleeping and parlor car conductors were reported only from New York City. A normal month consists of 240 hours. Time and one-half is paid for all time in excess of 270 hours per month. The minimum rates provided for are as follows:

	Per month
First year.....	\$160. 00
Over 1 year to 2 years.....	170. 00
2 years to 5 years.....	177. 50
5 years to 10 years.....	185. 00
10 years to 15 years.....	188. 00
Over 15 years.....	193. 00

TRAIN DISPATCHERS

Train dispatchers in Chicago reported wages as follows:

	Per month
Chief dispatchers.....	\$325. 00
Assistant chief dispatchers.....	310. 00
Trick dispatchers.....	264. 00

The regular hours provided for are 8 per day and 48 per week with one and one-half times the regular rate after 9 hours per day.

MOTORMEN AND CONDUCTORS, STREET RAILWAYS, AND BUS DRIVERS

The union rates of wages for motormen and conductors and bus drivers were obtained, wherever such organization existed, for each of the cities covered by the general union wage survey as listed in Part 1 of this report. The hours of motormen, conductors, and bus drivers are so irregular that they have not been tabulated.

MOTORMEN AND CONDUCTORS

In Table 14 union scales of wages for 52,018 motormen and conductors, members of the organizations covered, in selected cities are shown. The general average rate per hour for all motormen and conductors combined was found to be 70.7 cents in 1930 as compared with 69.1 cents in 1929, an increase of 2.3 per cent over 1929.

These data are in continuation of and comparable with similar data published for motormen and conductors since 1923.

TABLE 14.—Rates of wages of street railway motormen and conductors

City	Rates of wages per hour				City	Rates of wages per hour					
	May 15, 1930		May 15, 1929			May 15, 1930		May 15, 1929			
	Reg- ular	For over- time ¹	Reg- ular	For over- time ¹		Reg- ular	For over- time ¹	Reg- ular	For over- time ¹		
Atlanta, Ga.: 2-man cars— First 9 months..... 10 to 18 months..... After 18 months..... 1-man cars— First 9 months..... 10 to 18 months..... After 18 months.....	Cents 50.0 55.0 58.0	1½ 1½ 1½	Cents 50.0 55.0 58.0	1½ 1½ 1½	Chicago, Ill.—Contd. Elevated lines—Con- ductors— Extra men— First year..... After 1 year and regular men..... Motormen— Extra men— First 3 months..... 4 to 12 months..... After 1 year and regular men..... Surface lines— 2-man cars— First 3 months..... 4 to 12 months..... After 1 year..... "Owl" cars..... 1-man cars.....	Cents 72.0 74.0 73.0 74.0 79.0 72.0 75.0 77.0 79.0 85.0	1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½	Cents 73.0 78.0 76.0 78.0 84.0 53.0 56.0 58.0 65.0 51.0 53.0 55.0	1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½		
Birmingham, Ala.: 2-man cars— First year..... Second year..... After 2 years..... 1-man cars— First year..... Second year..... After 2 years.....	44.0 49.0 54.0	1½ 1½ 1½	44.0 49.0 54.0	1½ 1½ 1½	Cincinnati, Ohio: 2-man cars— First 3 months..... 4 to 12 months..... After 1 year..... 1-man cars..... Cleveland, Ohio: 2-man cars— First 3 months..... 4 to 12 months..... After 1 year..... 1-man cars..... Davenport, Iowa. (See Rock Island (Ill.) dis- trict.) Dayton, Ohio: 1-man cars— First 3 months..... 4 to 12 months..... After 1 year..... 2-man cars— First 6 months..... 7 to 12 months..... After 1 year..... "Owl" cars..... 1-man cars— First 6 months..... 7 to 12 months..... After 1 year..... Erie, Pa.: 2-man cars— First 3 months.....	59.0 62.0 65.0 49.0 54.0 59.0	1½ 1½ 1½ 1½ 1½ 1½	59.0 62.0 65.0 49.0 54.0 59.0	1½ 1½ 1½ 1½ 1½ 1½	55.0 58.0 60.0 67.0 67.0 70.0 72.0 77.0 67.0 71.0 75.0 82c 82c 82c 87c 72.0 76.0 80.0 47.0	1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½
Boston, Mass.: Rapid transit lines— Guards— First 3 months..... 4 to 12 months..... After 1 year..... Motormen— After 1 year..... Surface lines— 2-man cars— First 3 months..... 4 to 12 months..... After 1 year..... 1-man cars.....	59.5 65.5 75.0	1½ 1½ 1½	59.5 65.5 75.0	1½ 1½ 1½	Bridgeport, Conn.: 2-man cars— 4 to 12 months..... After 1 year..... 1-man cars— First 3 months..... 4 to 12 months..... After 1 year..... Butte, Mont.: 1-man cars..... Charleston, S. C.: 1-man cars— First 3 months..... 4 to 12 months..... After 1 year..... Chicago, Ill.: Elevated lines— Guards— Extra men— First 3 months..... 4 to 12 months..... After 1 year..... Regular men.....	59.5 65.5 75.0 78.5 59.5 65.5 75.0 85.0 58.0 62.0 62.0 65.0 69.0 75.0 49.0 51.0 53.0 69.0 70.0 71.0 72.0	1 1½	59.5 65.5 75.0 78.5 59.5 65.5 75.0 85.0 58.0 62.0 62.0 65.0 69.0 75.0 49.0 51.0 53.0 69.0 70.0 71.0 72.0	1 1½		

¹ Regular rate multiplied by number shown, or at the sum stated.

² No overtime rate.

TABLE 14.—Rates of wages of street railway motormen and conductors—Continued

City	Rates of wages per hour				City	Rates of wages per hour			
	May 15, 1920		May 15, 1929			May 15, 1920		May 15, 1929	
	Reg- ular	For over- time ¹	Reg- ular	For over- time ¹		Reg- ular	For over- time ¹	Reg- ular	For over- time ¹
Erie, Pa.—Contd.					Pittsburgh, Pa.:				
2-man cars—Contd.	<i>Cents</i>		<i>Cents</i>		2-man cars—	<i>Cents</i>		<i>Cents</i>	
4 to 12 months.....	51.0	1 $\frac{1}{4}$	51.0	1 $\frac{1}{4}$	First 3 months.....	63.0	1 $\frac{1}{4}$	63.0	1 $\frac{1}{4}$
After 1 year.....	55.0	1 $\frac{1}{4}$	55.0	1 $\frac{1}{4}$	4 to 12 months.....	68.0	1 $\frac{1}{4}$	68.0	1 $\frac{1}{4}$
1-man cars—					After 1 year.....	70.0	1 $\frac{1}{4}$	70.0	1 $\frac{1}{4}$
First 3 months.....	52.0	1 $\frac{1}{4}$	52.0	1 $\frac{1}{4}$	1-man cars.....	80.0	1 $\frac{1}{4}$	75.0	1 $\frac{1}{4}$
4 to 12 months.....	56.0	1 $\frac{1}{4}$	56.0	1 $\frac{1}{4}$	Portland, Me.:				
After 1 year.....	60.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$	1-man cars.....	60.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$
Fall River, Mass.:					Portland, Oreg.:				
1-man cars.....	69.0	1 $\frac{1}{4}$	69.0	1 $\frac{1}{4}$	2-man cars—				
Grand Rapids, Mich.:					First 3 months.....	56.0	1 $\frac{1}{4}$	58.0	1 $\frac{1}{4}$
1-man cars—					4 to 12 months.....	58.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$
First 3 months.....	54.0	64c.	54.0	64c.	After 1 year.....	60.0	1 $\frac{1}{4}$	62.0	1 $\frac{1}{4}$
After 3 months.....	56.0	66c.	56.0	66c.	1-man cars—				
Little Rock, Ark.:					First 3 months.....	63.0	1 $\frac{1}{4}$	64.0	1 $\frac{1}{4}$
1-man cars—					4 to 12 months.....	65.0	1 $\frac{1}{4}$	66.0	1 $\frac{1}{4}$
First year.....	52.0	1 $\frac{1}{4}$	52.0	1 $\frac{1}{4}$	After 1 year.....	67.0	1 $\frac{1}{4}$	68.0	1 $\frac{1}{4}$
Second year.....	53.0	1 $\frac{1}{4}$	53.0	1 $\frac{1}{4}$	Providence, R. I.:				
Third year.....	54.0	1 $\frac{1}{4}$	54.0	1 $\frac{1}{4}$	2-man cars—				
After 3 years.....	56.0	1 $\frac{1}{4}$	56.0	1 $\frac{1}{4}$	First 3 months.....	61.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$
Madison, Wis.					4 to 12 months.....	64.0	1 $\frac{1}{4}$	63.0	1 $\frac{1}{4}$
1-man cars.....	67.0	1 $\frac{1}{4}$	67.0	1 $\frac{1}{4}$	After 1 year.....	66.0	1 $\frac{1}{4}$	65.0	1 $\frac{1}{4}$
Manchester, N. H.:					1-man cars—				
1-man cars.....	67.0	1 $\frac{1}{4}$	67.0	1 $\frac{1}{4}$	First 3 months.....	67.0	1 $\frac{1}{4}$	66.0	1 $\frac{1}{4}$
Memphis, Tenn.:					4 to 12 months.....	70.0	1 $\frac{1}{4}$	69.0	1 $\frac{1}{4}$
2-man cars—					After 1 year.....	72.0	1 $\frac{1}{4}$	71.0	1 $\frac{1}{4}$
First year.....	49.0	1 $\frac{1}{4}$	47.5	1 $\frac{1}{4}$	Rochester, N. Y.:				
Second year.....	54.0	1 $\frac{1}{4}$	52.5	1 $\frac{1}{4}$	2-man cars—				
After 2 years.....	59.0	1 $\frac{1}{4}$	57.5	1 $\frac{1}{4}$	First 3 months.....	51.0	71c.	51.0	75c.
1-man cars—					4 to 12 months.....	53.0	73c.	53.0	75c.
First year.....	54.0	1 $\frac{1}{4}$	52.5	1 $\frac{1}{4}$	After 1 year.....	55.0	75c.	55.0	75c.
Second year.....	59.0	1 $\frac{1}{4}$	57.5	1 $\frac{1}{4}$	1-man cars—				
After 2 years.....	64.0	1 $\frac{1}{4}$	62.5	1 $\frac{1}{4}$	First 3 months.....	56.0	76c.	—	—
Moline, Ill. (See Rock Island (Ill.) district.)					4 to 12 months.....	58.0	78c.	—	—
Newark, N. J.:					After 1 year.....	60.0	80c.	—	—
1-man cars—					Rock Island (Ill.) district:				
First 3 months.....	61.0	1 $\frac{1}{4}$	61.0	1 $\frac{1}{4}$	1-man cars—				
4 to 12 months.....	63.0	1 $\frac{1}{4}$	63.0	1 $\frac{1}{4}$	First 6 months.....	54.5	1 $\frac{1}{4}$	54.5	1 $\frac{1}{4}$
After 1 year.....	65.0	1 $\frac{1}{4}$	65.0	1 $\frac{1}{4}$	7 to 12 months.....	56.5	1 $\frac{1}{4}$	56.5	1 $\frac{1}{4}$
New Haven, Conn.:					Over 1 year.....	58.5	1 $\frac{1}{4}$	58.5	1 $\frac{1}{4}$
2-man cars—					St. Louis, Mo.:				
First 3 months.....	55.0	1 $\frac{1}{4}$	55.0	1 $\frac{1}{4}$	2-man cars—				
4 to 12 months.....	58.0	1 $\frac{1}{4}$	58.0	1 $\frac{1}{4}$	First year.....	52.0	1 $\frac{1}{4}$	50.0	1 $\frac{1}{4}$
After 1 year.....	62.0	1 $\frac{1}{4}$	62.0	1 $\frac{1}{4}$	Second year.....	53.0	1 $\frac{1}{4}$	56.0	1 $\frac{1}{4}$
1-man cars—					Third year.....	62.0	1 $\frac{1}{4}$	62.0	1 $\frac{1}{4}$
First year.....	65.0	1 $\frac{1}{4}$	65.0	1 $\frac{1}{4}$	After 3 years.....	69.0	1 $\frac{1}{4}$	67.0	1 $\frac{1}{4}$
After 1 year.....	69.0	1 $\frac{1}{4}$	69.0	1 $\frac{1}{4}$	1-man cars.....	74.0	1 $\frac{1}{4}$	—	—
New York, N. Y.:					Salt Lake City, Utah:				
Elevated and subway lines—					1-man cars—				
Conductors—					First year.....	52.0	1 $\frac{1}{4}$	52.0	1 $\frac{1}{4}$
First 2 years.....	60.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$	After first year.....	57.0	1 $\frac{1}{4}$	57.0	1 $\frac{1}{4}$
After 2 years.....	62.0	1 $\frac{1}{4}$	62.0	1 $\frac{1}{4}$	San Francisco, Calif.:				
Guards—					Municipal lines—				
First year.....	53.1	1 $\frac{1}{4}$	53.1	1 $\frac{1}{4}$	2-man cars.....	75.0	1 $\frac{1}{4}$	75.0	1 $\frac{1}{4}$
Second year.....	54.1	1 $\frac{1}{4}$	54.1	1 $\frac{1}{4}$	Scranton, Pa.:				
After 2 years.....	57.4	1 $\frac{1}{4}$	57.4	1 $\frac{1}{4}$	2-man cars—				
Motormen—					First 3 months.....	57.0	1 $\frac{1}{4}$	57.0	1 $\frac{1}{4}$
First year.....	72.5	1 $\frac{1}{4}$	72.5	1 $\frac{1}{4}$	4 to 12 months.....	62.0	1 $\frac{1}{4}$	62.0	1 $\frac{1}{4}$
Second year.....	79.9	1 $\frac{1}{4}$	79.9	1 $\frac{1}{4}$	After 1 year.....	65.0	1 $\frac{1}{4}$	65.0	1 $\frac{1}{4}$
After 2 years.....	86.1	1 $\frac{1}{4}$	86.1	1 $\frac{1}{4}$	1-man cars—				
Surface lines—					First 3 months.....	65.0	1 $\frac{1}{4}$	65.0	1 $\frac{1}{4}$
1-man cars—					4 to 12 months.....	70.0	1 $\frac{1}{4}$	70.0	1 $\frac{1}{4}$
First 6 months.....	60.0	1 $\frac{1}{4}$	—	—	After 1 year.....	73.0	1 $\frac{1}{4}$	73.0	1 $\frac{1}{4}$
6 to 18 months.....	65.0	1 $\frac{1}{4}$	—	—	Seattle, Wash.:				
After 18 months.....	70.0	1 $\frac{1}{4}$	—	—	Municipal lines—				
Peoria, Ill.:					2-man cars—				
1-man cars—					First 6 months.....	66.0	1 $\frac{1}{4}$	60.0	1 $\frac{1}{4}$
First year.....	52.5	65c.	53.5	1	6 to 12 months.....	70.0	1 $\frac{1}{4}$	67.0	1 $\frac{1}{4}$
Second year.....	55.5	68c.	55.5	1	After 1 year.....	74.0	1 $\frac{1}{4}$	70.0	1 $\frac{1}{4}$
After 2 years.....	57.5	70c.	57.5	70c.					

¹ Regular rate multiplied by number shown, or at the sum stated.

TABLE 14.—*Rates of wages of street railway motormen and conductors—*
Continued

City	Rates of wages per hour				City	Rates of wages per hour			
	May 15, 1930		May 15, 1929			May 15, 1930		May 15, 1929	
	Reg- ular	For over- time ¹	Reg- ular	For over- time ¹		Reg- ular	For over- time ¹	Reg- ular	For over- time ¹
Seattle, Wash.—Con.					Wichita, Kans.:				
Municipal lines—Con.					1-man cars—	<i>Cents</i>		<i>Cents</i>	
1-man cars—					First 6 months.....	45.0	1½	45.0	1½
First 6 months.....	72.0	1½	66.0	1½	Second 6 months.....	47.0	1½	47.0	1½
6 to 12 months.....	76.0	1½	73.0	1½	Third 6 months.....	49.0	1½	49.0	1½
After 1 year.....	80.0	1½	76.0	1½	Fourth 6 months.....	51.0	1½	51.0	1½
Cable cars, grip- men—					After 2 years.....	55.0	1½	55.0	1½
First 6 months.....	71.0	1½	67.0	1½	Worcester, Mass.:				
6 to 12 months.....	77.0	1½	74.0	1½	2-man cars—				
After 1 year.....	81.0	1½	77.0	1½	First 3 months.....	58.0	1½	58.0	1½
Other lines—					4 to 12 months.....	63.0	1½	63.0	1½
1-man cars—					After 1 year.....	68.0	1½	68.0	1½
First 6 months.....	65.0	1½	59.0	1½	1-man cars.....	76.0	1½	76.0	1½
6 to 12 months.....	68.0	1½	63.0	1½	York, Pa.:				
After 1 year.....	71.0	1½	67.0	1½	2-man cars—				
Springfield, Mass.:					First 6 months.....	48.0	1	48.0	1
2-man cars—					6 to 12 months.....	49.0	1	49.0	1
First 3 months.....	58.0	1½	58.0	1½	Second year.....	50.0	1	50.0	1
4 to 12 months.....	63.0	1½	63.0	1½	Third year.....	52.0	1	52.0	1
After 1 year.....	68.0	1½	68.0	1½	Fourth year.....	54.0	1	54.0	1
1-man cars.....	73.0	1½	73.0	1½	Fifth year and after..	55.0	1	55.0	1
Toledo, Ohio:					1-man cars—				
2-man cars—					First 6 months.....	53.0	1	—	—
First 3 months.....	52.0	1½	50.0	82.5c.	6 to 12 months.....	54.0	1	—	—
4 to 12 months.....	54.0	1½	52.0	82.5c.	Second year.....	55.0	1	55.0	1
After 1 year.....	57.0	1½	55.0	82.5c.	Third year.....	57.0	1	57.0	1
1-man cars.....	60.0	1½	60.0	90.0c.	Fourth year.....	59.0	1	59.0	1
Washington, D. C.:					Fifth year and after..	60.0	1	60.0	1
2-man cars—					Youngstown, Ohio:				
First 3 months.....	52.0	1½	52.0	1½	1-man cars—				
4 to 12 months.....	56.0	1½	56.0	1½	First 3 months.....	55.0	1½	55.0	1½
After 1 year.....	58.0	1½	58.0	1½	4 to 12 months.....	59.0	1½	59.0	1½
					After 1 year.....	64.0	1½	64.0	1½

¹ Regular rate multiplied by number shown, or at the sum stated.

BUS DRIVERS

Bus drivers' rates are shown in detail, by cities, in Table 15. Prior to 1929 reports these as well as motormen and conductors were included with the trades included in Part 1 of this report.

The number of members covered by these data are 2,838.

TABLE 15.—Rates of wages of bus drivers

Rates of wages per hour					Rates of wages per hour				
City	May 15, 1930		May 15, 1929		City	May 15, 1930		May 15, 1929	
	Reg- ular	For over- time ¹	Reg- ular	For over- time ¹		Reg- ular	For over- time ¹	Reg- ular	For over- time ¹
Atlanta, Ga.:					Rock Island (Ill.) dis- trict:				
Single deck—	<i>Cents</i>		<i>Cents</i>		First 6 months.....	54.5	1½		
First 9 months.....	50.0	1½	50.0	1½	7 to 12 months.....	56.5	1½		
10 to 18 months.....	55.0	1½	55.0	1½	Over 1 year.....	58.5	1½	58.5	1½
After 18 months.....	58.0	1½	58.0	1½	St. Louis, Mo.:				
Double deck—					Bus drivers.....	74.0	1½	72.0	1½
First 9 months.....	57.0	1½	57.0	1½	Motor coach opera- tors—				
10 to 18 months.....	62.0	1½	62.0	1½	Conductors—				
After 18 months.....	65.0	1½	65.0	1½	First year.....	50.0	1½		
Birmingham, Ala.:					Second year.....	55.0	1½		
First year.....	49.0	1½	49.0	1½	Third year.....	60.0	1½		
Second year.....	54.0	1½	54.0	1½	Drivers—				
Third year.....	59.0	1½	59.0	1½	First year.....	55.0	1½		
Boston, Mass.....	85.0	1½	85.0	1½	Second year.....	60.0	1½		
Butte, Mont.....	75.0	1	75.0	1	Third year.....	65.0	1½		
Cincinnati, Ohio.:					Salt Lake City, Utah.:				
First 3 months.....	62.0	1½	60.0	1½	1-man after 1 year.....	57.0	1½		
4 to 12 months.....	65.0	1½	63.0	1½	San Francisco, Calif.:				
After 1 year.....	67.0	1½	65.0	1½	Municipal lines.....	80.0	1½	80.0	1½
Omnibus.....	60.2	1½	52.5	1½	Scranton, Pa.....	73.0	1½	73.0	1½
Cleveland, Ohio:					Seattle, Wash.:				
After 1 year.....	77.0	1½	77.0	1½	Bus drivers—				
Davenport, Iowa. (See Rock Island (Ill.) dis- trict.)					First 6 months.....	72.0	1½		
Detroit, Mich. (muni- cipal lines):					6 to 12 months.....	76.0	1½		
First 3 months.....	67.0	82c.			After 1 year.....	80.0	1½		
Second 6 months.....	71.0	82c.			Stage drivers.....	75.0	1½		
After 1 year.....	75.0	82c.	75.0	82c.	Springfield, Mass.....	76.0	1½	76.0	1½
"Owl".....	85.0	87c.			Toledo, Ohio.....	67.0	1½	60.0	90c.
Erie, Pa.....	60.0	1½	60.0	1½	Washington, D. C.:				
Grand Rapids, Mich.....	56.0	66c.	56.0	66c.	First 3 months.....	52.0	1½	52.0	1½
Little Rock, Ark.....	50.0	1½	50.0	1½	4 to 12 months.....	56.0	1½	56.0	1½
Moline, Ill. (See Rock Island (Ill.) district.)					After 1 year.....	58.0	1½	58.0	1½
Peoria, Ill.:					Wichita, Kans.:				
First year.....	52.5	65c.			First 6 months.....	43.0	1½	43.0	1½
Second year.....	55.5	68c.			After 6 months.....	45.0	1½	45.0	1½
Third year.....	57.5	70c.	57.5	70c.	Worcester, Mass.....	76.0	1½	76.0	1½
Portland, Oreg.....	67.0	1½	68.0	1½	Youngstown, Ohio:				
Providence, R. I.....	27.0	1½	71.0	1½	First 3 months.....	55.0	1½	55.0	1½
					4 to 12 months.....	59.0	1½	59.0	1½
					After 1 year.....	64.0	1½	64.0	1½

¹ Regular rate multiplied by number shown, or at the sum stated.

CAPTAINS, MASTERS, MATES, PILOTS, AND ENGINEERS

Information regarding wage rates were obtained for members of the masters, mates, pilots, and engineers unions in six cities. These data are presented in Table 16.

TABLE 16.—Rates of wages per month and hours of captains, masters, mates, pilots, and engineers

City	Captains	Masters	Mates	Pilots	Engineers	Assistant engineers	For over-time ¹	Hours	
								Per day	Per week
Cleveland, Ohio:									
Mud and lighter tugs.....	\$250.00				\$240.00		1½	8	48
Towing tugs.....	280.00				280.00		1	12	84
New York, N. Y.:									
Railroads—Water transportation.....	215.00				205.00	\$160.00	(?)	8	48
Tugs and power lighters.....		\$270.00–\$335.00	\$135.00–\$195.00		240.00–300.00	135.00–195.00		8	48
Single crew, transport and shifting.....	\$160.00–180.00		\$130.00		\$150.00–170.00		1½	10	60
Single crew, other than transport and shifting.....	\$170.00–190.00				\$160.00–180.00		1½	10	60
Double crews.....	\$220.00–230.00		\$180.00–190.00	\$180.00–\$190.00	\$210.00–220.00	\$160.00–190.00	1½	12	72
Mud and sand towing.....	\$250.00		\$211.00	\$211.00	280.00	\$211.00	1½	12	72
Brooklyn—									
Lighter and barges (private).....	\$31.50						1½	10	60
Lighter and barges (railroad).....	\$32.50						1½	10	60
Philadelphia, Pa.:									
General towing.....		\$138.82–166.60					2	10	60
Steam barges and freight boats.....		\$166.60		\$138.82	\$138.82–161.48	\$133.27	2	10	60
River and bay towing.....		\$177.65–211.00	\$138.82–149.93				2	10	60
Mud towing.....		\$211.00	\$177.65				2	10	60
Coal towing.....		\$177.65–194.32	\$144.38				2	10	60
Bay trade.....					\$177.65	\$149.93	2	10	60
Harbor and river work.....					\$172.15	\$144.40	2	10	60
Other rates.....					\$133.27–166.60	\$133.27–138.82	2	10	60
Passenger boats.....					\$160.00–185.00	\$123.75–135.00	2	10	60
Ferryboats.....					\$195.00		2	10	60
Pilot boats.....					\$197.00	\$159.00–177.00	2	10	60
Pittsburgh, Pa.:									
Towboats (condensing).....	350.00			280.00	280.00	280.00		12	84
Towboats (noncondensing).....	350.00			280.00	280.00	240.00		12	84
Packet boats.....					280.00	125.00		12	84
San Francisco, Calif.:									
River craft.....	256.00		165.00–195.00	225.00	160.00–190.00		1	8	48
Ferries.....	300.00		165.00–195.00	225.00	\$10.165	\$7.288–9.206	1	8	48
Seattle, Wash.:									
Passenger, ferry, and freight boats.....					\$150.00–240.00	\$140.00–190.00			
Towing steamers.....					\$165.00–210.00	\$130.00–155.00			
Whaling and fishing steamers.....					\$175.00–280.00	\$135.00–165.00			
Ocean-going vessels.....					\$240.00–300.00	\$135.00–195.00	(?)	8	48

¹ Regular rate multiplied by number shown.
² Equivalent time off.

³ And board.
⁴ After 12 hours.

⁵ Per day.
⁶ Per week.

HARBOR BOATMEN

Wages and hours of labor for members of harbor boatmen's locals engaged in towing, dredging, and ferrying are presented in Table 17:

TABLE 17.—Rate of wages and hours of harbor boatmen

City and occupation	Wages per month	Rate for over-time ¹	Hours—	
			Per day	Per week
Chicago, Ill.:				
Dredge workers—				
Firemen, oilers, and watchmen.....	\$193.50	1½	8	48
Deckhands.....	182.00	1½	8	48
Scowmen.....	185.00	1½	8	48
Cleveland, Ohio:				
Mud tugs and harbor tugs—				
Firemen and linemen.....	192.50	1½	8	48
Dredge workers—				
Engineers.....	277.50	1½	8	48
Assistant engineers.....	235.50	1½	8	48
Cranemen.....	225.00	1½	8	48
Firemen, oilers, and watchmen.....	193.50	1½	8	48
Deckhands and scowmen.....	182.00	1½	8	48
New York, N. Y.:				
Water transportation for railroads—				
Firemen and oilers.....	150.00		8	48
Deckhands.....	135.00-140.00		8	48
Wheelmen.....	145.00		8	48
Single crew, transport and shifting—				
Firemen.....	\$ 85.00- 95.00	1½	10	60
Deckhands and cooks.....	\$ 85.00	1½	10	60
Single crew, other than transport and shifting—				
Firemen.....	\$ 90.00-100.00	1½	10	60
Deckhands and cooks.....	\$ 90.00	1½	10	60
Double crews—				
Firemen.....	\$ 85.00- 95.00	1½	12	72
Oilers.....	\$ 95.00	1½	12	72
Deckhands.....	\$ 85.00- 95.00	1½	12	72
Cooks.....	\$ 90.00	1½	12	72
Mud and sand towing—				
Firemen and oilers.....	\$ 95.00	1½	12	72
Deckhands.....	\$ 85.00	1½	12	72
Cooks.....	\$ 105.00	1½	12	72
Philadelphia, Pa.:				
Firemen—				
3 per boat.....	\$ 85.00	2	12	72
2 per boat.....	\$ 100.00	2	12	72
1 per boat.....	\$ 105.00-115.00	2	12	72
Deckhands—				
2 per boat.....	\$ 100.00	2	12	72
1 per boat.....	\$ 100.00-115.00	2	12	72
Cooks.....	\$ 100.00-115.00	2	12	72
San Francisco, Calif.:				
Ferry boats—				
Firemen and oilers.....	\$ 5.614	1	8	48
Cabin watchmen and deckhands.....	\$ 5.347	1	8	48
Night watchmen.....	\$ 4.603	1	8	48
Boatswains.....	\$ 5.754	1	8	48
Matrons.....	\$ 3.280	1	8	48
Stewards.....	120.00-125.35	1	8	48
Assistant stewards.....	90.00	1	8	48
Waiters.....	84.08	1	8	48
Chefs and cooks.....	110.60	1	8	48
Second cooks.....	90.00	1	8	48
Dishwashers.....	71.94	1	8	48
Porters.....	78.60	1	8	48

¹ Regular rate multiplied by number shown.² And board.³ Per day.

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MARINE WORKERS

Data presented in Table 18 were obtained from locals of sailors, firemen, and stewards in the cities indicated and cover 12,023 members. Locals in other cities report that the marine unions are primarily welfare and social in their activities.

TABLE 18.—*Rates of wages and hours of marine workers*

City, department, and occupation	Wage rate per month	Rate for over-time ¹	Hours—	
			Per day	Per week
ENGINE DEPARTMENT				
Boston, Mass.:				
Oilers and water tenders.....	\$80.00	60c.	8	56
Firemen.....	75.00	60c.	8	56
Coal passers and wipers.....	65.00	60c.	8	56
Chicago, Ill.:				
Passenger boats—				
Firemen, oilers, and water tenders.....	105.00	75c.	8	56
Coal passers.....	77.50	75c.	8	56
Sand boats—				
Firemen, oilers, and water tenders.....	125.00	75c.	8	56
Coal passers.....	82.50	75c.	8	56
Handy-men, pumpmen, machinists, and electricians.....	155.00	75c.	8	56
Cleveland, Ohio:				
Firemen, oilers, and water tenders.....	105.00	65c.	8	56
Coal passers.....	77.50	1	8	56
Providence, R. I.: Firemen.....	65.00		8	56
DECK DEPARTMENT				
Boston, Mass.:				
Boatswains and carpenters.....	80.00	60c.	8	56
Quartermasters.....	75.00	60c.	8	56
Seamen, able.....	70.00	60c.	8	56
Seamen, ordinary.....	55.00	60c.	8	56
Chicago, Ill.:				
Car ferries and passenger boats—				
Seamen, able.....	105.00	75c.	8	56
Seamen, ordinary.....	77.00	75c.	8	56
Sand boats—				
Seamen, able.....	125.00	75c.	8	56
Seamen, ordinary.....	82.50	75c.	8	56
Cleveland, Ohio: Seamen.....	105.00	65c.	8	56
New York, N. Y.: Seamen, able.....	70.00	60c.	8	56
Providence, R. I.:				
Boatswains.....	80.00		8	56
Quartermasters.....	65.00		8	56
Seamen, able.....	62.50		8	56
Seamen, ordinary.....	47.50		8	56
San Francisco, Calif.:				
Seamen—				
Off shore.....	65.00	60c.	8	48
Coastwise.....	75.00	60c.	8	48
Seattle, Wash.:				
Seamen—				
Off shore.....	60.00	75c.	8	48
Coastwise.....	70.00	75c.	8	48
STEWARD DEPARTMENT				
Boston, Mass.:				
Passenger vessels—				
First class—				
Chief cooks.....	160.00	1	8	56
Second cooks.....	115.00	1	8	56
Crew cooks.....	100.00	1	8	56
Night cooks.....	62.50	1	8	56
Other cooks.....	67.50-92.50	1	8	56
Butchers.....	92.50	1	8	56
Second butchers.....	62.50	1	8	56
First stewards.....	190.00	1	8	56
Assistant stewards.....	105.00-135.00	1	8	56
Head waiters.....	105.00	1	8	56
Waiters.....	47.50	1	8	56
Second class—				
Chief cooks.....	150.00	1	8	56
Second cooks.....	97.50	1	8	56
Crew cooks.....	97.50	1	8	56
Night cooks.....	62.50	1	8	56
Butchers.....	82.50	1	8	56

¹ Regular rate multiplied by number shown, or at the sum stated.

TABLE 18.—Rates of wages and hours of marine workers—Continued

City, department, and occupation	Wage rate per month	Rate for over-time ¹	Hours—	
			Per day	Per week
STEWARD DEPARTMENT—continued				
Boston Mass.—Continued.				
Passenger vessels—Continued.				
Third class—				
Chief cooks.....	\$135.00	1	8	56
Second cooks.....	97.50	1	8	56
Crew cooks.....	97.50	1	8	56
Night cooks.....	62.50	1	8	56
Butchers.....	80.00	1	8	56
New York, N. Y.:				
Oil and coal burners—				
Chief stewards.....	120.00	—	8	56
Chief cooks.....	100.00	—	8	56
Second cooks and bakers.....	80.00	—	8	56
Messboys.....	42.00	—	8	56
Diesel-engine vessels—				
Chief stewards.....	120.00-130.00	—	8	56
Chief cooks.....	100.00-110.00	—	8	56
Second cooks and bakers.....	80.00-90.00	—	8	56
Messboys.....	42.00	—	8	56
Providence, R. I.:				
Chief cooks.....	100.00	—	13	91
Second cooks.....	80.00	—	13	91
Messmen.....	50.00	—	13	91
Seattle, Wash.:				
Passenger ships—				
Stewards.....	90.00-105.00	75c.	8	48
Cooks.....	90.00-125.00	75c.	8	48
Butchers.....	70.00-100.00	75c.	8	48
Bakers.....	95.00-125.00	75c.	8	48
Galley men.....	60.00-85.00	60c.	8	48
Messmen.....	50.00-55.00	60c.	8	48
Freighters—				
Cooks.....	80.00-100.00	75c.	8	48
Galley men.....	55.00	60c.	8	48
Messmen.....	50.00-55.00	60c.	8	48

¹ Regular rate multiplied by number shown, or at the sum stated.

FISHING

DEEP-SEA FISHING

Members of the Deep Sea Fishermen's Union of the Pacific are employed on vessels engaged in deep-sea fishing only and not in fishing for canneries, which is of a seasonal character.

No hours are set by their agreement and it is therefore fair to assume that the hours are largely dictated by necessity. Wages are paid on the pound basis, as follows: Halibut, 3½ cents; black cod (sablefish), 2½ cents; and other acceptable varieties, 1½ cents. When deckhands are not obtainable the fishermen agree to do the necessary deckhand's work and receive therefor the deckhand's wages.

The employer agrees that the fishermen shall be represented on the scales by one of their own members and that they shall receive their pay checks after vessels are in port 24 hours.

Halibut fishing.—A second agreement of the same organization, covering halibut fishing, covers all members of a crew except the captain or an employee who owns one-fourth or more of a vessel.

The fishermen agree to pay their share for grub, fuel oils, cylinder oils, cup greases, waste, ice, salt, and bait, and to keep the fishing gear in good order and to replace lost and condemned fishing gear. "The share of the vessel shall be one-fifth of the gross stock except when gear is lost."

The agreement provides that one fisherman approved by the captain shall attend the weighing of the fish and must, in the captain's absence, assume all responsibility therefor. Settlement is made (in the port where the fish is sold) between the captain or his agent and the fishermen. After the bills are paid, back bills are to be paid as follows: When the share is \$25 or less, nothing shall be taken out; when the share is over \$25, one-half of the amount from \$25 to the full share shall be taken out. If the captain desires to fit out on a cash basis, he shall be empowered to use the proceeds of the voyage for this purpose. When money from the stock is used for cash payments, the members of the crew shall receive their share of whatever discount may be allowed for such cash payments.

The agreement further provides that it is the duty of fishermen to discharge fish "from tackle to scale," to head fish if required, to "wash out fish holds and decks," and to keep living quarters sanitary.

SALMON FISHING

The agreement of the Union of Seamen, Fishermen, and Trapmen with the packers in the salmon industry is made a part of the shipping articles between the members signing and the packers or association of packers.

Wages and hours of employment vary with conditions, and the men may be called upon for "work day or night (Sundays and holidays not excepted), according to the lawful orders of the captain," and for work on boats, lighters, vessels, in canneries, salteries, etc., but 48 hours constitute a week's work before and after the fishing season. The beginning and ending of the fishing season is determined by the superintendent. Extra compensation is provided at 75 cents per hour for any man working more than 48 hours during any week or more than 11 hours in any 24, or on Sundays or holidays.

*Other provisions of the agreement relating to gill-net fishermen include the following:

(a) Each gill-net fisherman shall receive in addition to the wages of \$150 for the run and all other moneys earned under this agreement 20 cents for each king salmon weighing over 15 pounds (king salmon under 15 pounds to be accepted two for one), 4½ cents for each red or coho salmon, 1½ cents for each chum salmon, and ½ cent for each pink salmon caught and delivered to the "company".

All salmon must be in perfect condition, not discolored or mutilated when delivered, and must be discharged from boats at least once in 24 hours.

(b) The "company" is not compelled to take any chum or pink salmon, but if received they are to be paid for at above rates.

(c) The "company" reserves the right to limit each boat to not less than 1,200 salmon per day, such limit to commence at midnight following notification. Notification of limit to be given before 6 p. m. by hoisting a large red flag both at the cannery and at receiving lighters.

(d) When boats are on the limit they may make one or more deliveries between midnight and midnight, but all boats must be discharged clean at the receiving station in the presence of the tallymen. Accurate account of all salmon discharged above limit to be kept by tallymen and such salmon shall be credited pro rata to all boats short of the limit, but in no event shall any boat be credited in excess of the limit except when detained as provided hereafter in this section. Any boat short of the limit is permitted to receive from any other boats sufficient salmon to fill the limit.

Any boat detained from delivering salmon at receiving station for more than 5 hours after having there reported arrival shall be credited with 100 red salmon for each hour's detention, but not more than 1,200 salmon, in addition to all salmon delivered on such day, shall be allowed for 24 hours' detention. The

same rule to apply when boats are on the limit. Boats must have nets cleared before arrival at receiving station.

(e) Fishing boats and crews ordered transferred to fish at another station than the one originally attached to shall be selected by lot.

(f) No fishing to be done on any fishing grounds closed by the United States Government.

(g) Fishermen and trapmen hired in Alaska shall commence work with the arrival of the first vessel carrying cannery crews and cease work with the departure of the last vessel of the stations, and shall each receive in place of run money the sum of \$75 together with any other compensation provided for fishermen and trapmen in this agreement.

(h) Fisherman and trapmen hired in Alaska and not performing such work before and after the fishing season shall not receive said sum of \$75. Such money not paid to be distributed to needy fisherman or their dependents, or as a majority of the fishermen at the station may direct.

(i) Fishermen or trapmen detained in Bristol Bay after September 1 shall be paid at the rate of \$90 per month for the time of such detention.

(j) For salmon transferred from Nushagak, Kvichak, Naknek, Egegak, or Ugashik, or received from other sources, all fishermen and trapmen employed at receiving station shall share equally in extra compensation equal to one-third of the price paid for such transferred salmon where caught. No such extra compensation shall be paid for salmon caught by boats transferred to another station.

(k) The basis of compensation of wages if paid by the case shall be a case of salmon containing forty-eight 1-pound tall cans or a case containing ninety-six ½-pound cans. For wage purposes, if any salmon in half-pound cans are packed 48 to the case, 3 cases of forty-eight ½-pound cans each to be computed as 2 cases of forty-eight 1-pound tall cans. If salmon are salted, each barrel of salmon is to be computed as 4 cases and each half-barrel as 2 cases of forty-eight 1-pound tall cans. Regular red-salmon prices to be paid for all other kinds of fish that may be put up by the company in cans or barrels, dried, smoked, or salted.

(l) Men with families dependent upon them shall be allowed \$70 per month. Payments to commence on the 1st of the month following departure from San Francisco, and monthly thereafter.

(m) All moneys earned to be payable in San Francisco after the return of the expedition, except the sum of \$10, which is to be paid on the homeward voyage to each man signing this agreement.

BEAM TRAWLER FISHERMEN (ATLANTIC)

Beam trawler fisherman were reported from New York and Boston. The time limit of fishing trips before returning to port is eight days and while on the trip the men work 12 hours per day on the basis of 6 hours on duty and 6 hours off duty alternately. A guaranteed rate of \$51 per month is paid, in addition to which sum the men participate on a share basis as follows: All men on the trawler as a group to receive \$7 on each \$1,000 value of fish caught for the first \$2,000 taken in and \$11.50 on each \$1,000 for the second \$2,000. Over \$4,000 value of fish taken they shall receive \$15 per \$1,000.

COAL MINING

BITUMINOUS COAL

Sample scales of union wages in bituminous coal mining are presented by districts for Illinois, Indiana, Ohio, and Pennsylvania. The hours provided for by agreement are eight per day, exclusive of lunch time. The agreements generally provide that the miners elect a checkweighman to be paid out of tonnage earnings of miners. Also the company (employer) agrees to check off from the pay of miners and mine laborers all dues, initiation fees, fines, and assessments for the local union of the United Mine Workers of America and also the checkweighman's fees.

TABLE 18.—*Rates of wages in bituminous coal mining, by specified districts*

District and occupation	Wage rate per day	Piece rate	
		Unit	Amount
ILLINOIS—DISTRICT NO. 12			
Inside day wage scale:			
Mine examiners, day or night.....	\$8.04		
Track layers, bottom cagers, drivers, trip riders, and grippers, water haulers and machine haulers, timbermen.....	6.10		
Track layers' helpers, pipemen for compressed air plants, all other inside labor.....	5.95		
Motormen.....	7.00		
Boy trappers, spraggers, couplers, and switch throwers.....	3.50		
Shot firers.....	1.03		
Mechanical loader and conveyors—			
Men loading coal on conveyors.....	8.04		
Drilling, snubbing, and shooting.....	8.20		
Cutting-machine operators and helpers.....	10.07		
Loader operators.....	10.07		
Loader operators' helpers.....	9.00		
Men employed at face as member of loading crew.....	7.50		
Outside day wage scale, minimum.....	5.61		
Engineers—			
Class A mines, employing 1, 2, or 3 engineers (daily capacity 500 tons or more)—			
First engineers.....	\$ 203.88		
Second engineers.....	\$ 192.20		
Third engineers.....	\$ 186.37		
Class B mines, employing 1, 2, or 3 engineers (daily capacity less than 500 tons)—			
First engineers.....	\$ 198.03		
Second engineers.....	\$ 186.37		
Third engineers.....	\$ 186.37		
Class C mines, employing 1 or 2 engineers (daily capacity less than 200 tons and more than 100 tons) ¹ —			
First engineers.....	\$ 198.03		
Second engineers.....	\$ 183.45		
Class D mines, employing 1 or 2 engineers (daily capacity, 100 tons or less) ¹ —			
First engineers.....	\$ 180.53		
Second engineers.....	\$ 180.53		
Pick miners:			
First district—			
Streator, Verona, Fairbury, and associated mines.....		Ton.....	\$1.00
Second district—			
Danville, Westville, Grape Creek, and associated mines in Vermilion County.....		do.....	.91
Third district—			
Springfield, Dawson, and associated mines.....		do.....	.917
Colfax, Lincoln, and Niantic.....		do.....	.96
Fourth district—			
Mines on the Chicago & Alton south of Springfield, to and including Carlinville; including Taylorville, Pana, Tower Hill, Litchfield, Hillsboro, Witt (Paisley), Divernon, Pawnee, Nokomis, and Kincaid.....		do.....	.91
Assumption, long wall, including 24 inches of brushing.....		do.....	1.17
Moweaqua, room and pillar.....		do.....	.95
Decatur, long wall, present conditions.....		do.....	1.06
Decatur, room and pillar.....		do.....	1.00
Fifth district—			
Glen Carbon, Belleville, and associated mines, to and in- cluding Percy, Pinckneyville, Willisville, and Nashville.....		do.....	.91
Coal 5 feet and under.....		do.....	.96
Sixth district—			
DuQuoin, Odin, Sandoval, Centralia, and associated mines.....		do.....	.87
Salem and Kimmunity.....		do.....	.92
Seventh district—			
Jackson County (all coal 5 feet and under, 5 cents extra per ton; this does not apply to lower bench nor rolls or horse- backs).....		do.....	.87
Lower bench, miners to carry 14 inches of brushing.....		do.....	1.00
Saline, White, Gallatin, Williamson, and Franklin.....		do.....	.87
Eighth district—			
Fulton and Peoria Counties, thin or lower coal.....		do.....	1.20
Fulton, Peoria, and Astoria, No. 5 vein.....		do.....	.98
Fulton and Peoria, No. 6 vein with Kewanee and Etherly conditions, undercutting and wedging the coal.....		do.....	1.07
Pekin, shipping mines only.....		do.....	.98
¹ Per hour.		² Per month.	
		³ 9 hours per day.	

¹ Per hour.² Per month.³ 9 hours per day.

TABLE 18.—Rates of wages in bituminous coal mining, by specified districts—Continued

District and occupation	Wage rate per day	Piece rate	
		Unit	Amount
ILLINOIS—DISTRICT NO. 12—continued			
Pick miners—Continued.			
Ninth district—			
Mount Olive, Staunton, Gillespie, Benld, Sorento, Coffeen, and Worden, and mines on the Vandalia line as far east as and including Smithboro, and on the Baltimore & Ohio Southwestern as far east as Beckemeyer.		Ton	\$0.91
Coal 5 feet and under.		do.	.96
Strip mine scale, time work:			
Locomotive engineers.	\$8.05		
Locomotive firemen.	7.25		
Steam shovel firemen.	7.65		
Steam shovel engineers.	8.28		
Steam shovel and electric cranimen.	7.88		
Oilers.	7.25		
Steam haulage engineers.	8.05		
Blacksmiths.	7.65		
Blacksmiths' helpers.	7.07		
Minimum rate, all others.	6.00		
INDIANA—DISTRICT NO. 11 ⁴			
Outside day labor:			
Blacksmiths ¹ .	6.67		
First engineer.	² 195.42		
Second engineer.	² 184.31		
Third engineer.	² 178.75		
Firemen, day ¹ .	² 175.00		
Firemen, night ¹ .	² 173.26		
All other day labor.	5.60		
Inside day labor:			
Spike team drivers.	6.425		
Motormen.	6.85		
Trip riders.	6.25		
Trappers.	3.475		
All other day labor.	6.10		
Mechanical loading—			
Loading coal on conveyors, cutting machine runners or helpers, loading machine operators or helpers, shearing machine runners or helpers.	9.00		
Drilling, snubbing, and shooting.	8.20		
Pick mining:			
Seam 3 feet 3 inches to 3 feet 6 inches, R. O. M.		Ton	.91
Seam less than 3 feet 3 inches and over 2 feet 9 inches, R. O. M.		do.	1.00
Seam less than 2 feet 9 inches down to 2 feet 6 inches, R. O. M.		do.	1.04
Machine mining:			
Punching machine—			
Runners.	6.975	do.	.118
Helpers.	6.10	do.	.11
Loading and timbering.		do.	.582
Chain machine—			
Runners.	6.737	do.	.06
Helpers.	6.737	do.	.06
Loading and timbering.		do.	.67
Yardage and room turning:			
Entries 7 to 9 feet wide.		Yard	1.715
Entries 12 feet wide.		do.	1.072
Chain machine mines:			
Narrow entries and narrow break throughs—			
Loaders.		do.	1.507
Machine runners and helpers.		do.	.104
Wide entries and break throughs—			
Loaders.		do.	.948
Machine runners and helpers.		do.	.062
Punching-machine mines:			
Narrow entries and narrow break throughs—			
Loaders.		do.	1.461
Machine runners and helpers.		do.	.127
Wide entries and break throughs—			
Loaders.		do.	.918
Machine runners and helpers.		do.	.077
Room turning, machine mines.		Room	4.352
Pick miners, yardage, and room turning:			
Narrow entries 7 to 9 feet wide.		Yard	2.40
Wide entries 12 feet wide.		do.	1.507
Room turning.		Room	5.80

¹ Per month.² 9 hours per day.⁴ Terre Haute agreement.⁵ 8 hours per day.⁶ 12 hours per day.

TABLE 18.—*Rates of wages in bituminous coal mining, by specified districts—*
Continued

District and occupation	Wage rate per day	Piece rate	
		Unit	Amount
INDIANA STRIP MINING, DISTRICT NO. 11			
Engineers.....	\$211.85		
Cranemen.....	185.60		
Firemen.....	159.35		
Haulage engineers or motormen.....	6.85		
Trip riders.....	6.25		
Track layers, machine-power drillers, chain and hand drillers, surface-power drillers' helpers, dirt men and coal shovelers, ditchers, ground men around machine, pumpers, sledgers, drivers, switch- men, and oilers, and greasers on shovels.....	6.10		
Surface-power drillers.....	7.30		
Blacksmiths.....	6.67		
Blacksmiths' helpers.....	6.25		
Machinists.....	7.45		
Shooters.....	6.29		
Couplers, at tippie.....	5.88		
Tippie foremen.....	6.11		
Night watchmen.....	6.11		
Flat trimmers at tippie.....	5.61		
Tippie engineers.....	169.81		
Water boy.....	4.79		
Dumpers.....	5.61		
Boilermakers.....	6.67		
Electric and acetylene welders.....	7.30		
Channel-machine operators and helpers, and electricians.....	7.45		
OHIO—DISTRICT NO. 6			
Outside workers:			
Engineers.....	\$ 5.00		
Firemen.....	4.75		
Inside workers:			
Track layers, bottom cagers, drivers, trip riders, snappers on gathering locomotives, water haulers, machine haulers, tim- bermen, motormen, or wiremen.....	5.00		
Track layers' helpers.....	4.75		
Trappers.....	3.00		
All other inside day labor.....	4.75		
Mechanical machinery and coal-loading devices:			
Loading or conveyor machine operators.....	7.50		
Loading machine helpers.....	7.00		
Hand loading on conveyor.....	6.00		
Drillers and shooters.....	6.00		
Pick mining.....		Ton.....	\$0.8764
Machinery mining:			
Drilling, shooting, and loading.....		do.....	.60
Cutting, breast machine.....		do.....	.10
Cutting, short-wall machine.....		do.....	.085
Cutting, aro-wall machine.....		do.....	.07
PENNSYLVANIA—DISTRICT NO. 5			
Outside day wages:			
Dumpers.....	5.42		
Ram operation.....	5.60		
Pushers and trimmers.....	5.18		
Car cleaners.....	5.10		
Minimum wage for men employed in or around tippie, slate dump or handling of supplies.....	5.10		
Inside day wages:			
Motormen.....	6.10		
Motormen's helpers, skilled wiremen in charge, track layers, bottom cagers, drivers, trip riders, water and machine haulers, and timbermen.....	6.00		
Wiremen's helpers, tracklayers' helpers.....	5.75		
Pipemen, compressed-air plants.....	5.92		
Unclassified common labor.....	5.75		
Trappers.....	3.20		
Pick mining:			
Thin vein, mine run.....		Ton.....	.9022
Thick vein, mine run.....		do.....	.8424
All-clay veins, 6 inches and less than 12 inches and all-clay veins, over 12 inches in all places.....		Foot.....	3.36
Room turning, neck not to exceed 7 yards.....		do.....	4.56
Entry, single shift.....		do.....	2.49
Entry, double shift.....		do.....	2.95
Entry, treble shift.....		do.....	3.43

¹ Per month.

² 12 hours per day.

³ 10 hours per day.

⁴ Does not apply to men on monthly basis.

TABLE 18.—*Rates of wages in bituminous coal mining, by specified districts—Continued*

District and occupation	Wage rate per day	Piece rate	
		Unit	Amount
PENNSYLVANIA—DISTRICT NO. 5—continued			
Machine mining:			
Jeffery, link-belt, Morgan-Gardner, or any other chain machine—			
Undercutting, thin vein, mine run in wide work.....		Ton.....	\$0.1327
Undercutting, thick vein, mine run, in wide work.....		do.....	.1171
Undercutting, thin vein, narrow work, mine run.....		Yard.....	.1726
Undercutting, thick vein narrow work, mine run.....		do.....	.2028
Drilling by hand and loading, thin vein, run of mine in wide work.....		Ton.....	.6258
Drilling by hand and loading, thick vein, run of mine in wide work.....		do.....	.5958
Machine dead work.....		Foot.....	2.26

PAPER, PRINTING, AND PUBLISHING

MISCELLANEOUS TRADES

In Table 19 are shown the union wage scales, in selected cities, for several occupations in the printing and publishing industry not covered in the more comprehensive presentation of certain of the principal occupations in this industry as given in Part 1 of this report. The occupations included in this supplemental table are mailers, paper handlers, lithographers, music autographers and engravers, wall-paper crafts, paper plate, box, and bag makers, plate printers, and die stampers. The local unions represented have a membership of 6,671.

TABLE 19.—*Rates of wages and hours of mailers and paper handlers*

City and occupation	Hours per week	Rate paid for—		Wage rate per week
		Overtime	Sunday and holidays	
MAILERS				
Chicago, Ill.:		Regular rate multiplied by—		
Book and job—				
Day work.....	48	1½	2	\$45.00
Night work.....	33	2	2	55.20
Newspapers—				
Day work.....	48	1½	2	42.00
Night work.....	33	2	2	45.00
Dallas, Tex.: Newspapers.....	48	1½	1	33.00
Denver, Colo.:				
Newspapers—				
Day work.....	48	1½	1	39.00
Night work.....	45½	1½	1	39.00
Kansas City, Mo.:				
Book and job—				
Day work.....	44	1½	2	43.00
Night work.....	42	1½	2	43.00
Newspapers—				
Day work, rate A.....	48	1½	1	40.00
Day work, rate B.....	48	1½	1	38.50
Night work, rate A.....	48	1½	1	41.00
Night work, rate B.....	48	1½	1	39.50
New York, N. Y.:				
Book and job—				
Day work, mailers.....	44	1½	2	45.00
Day work, stampers.....	44	1½	2	48.00

1 Full day's pay for 5 hours.

2 For Saturday afternoon, 1½.

TABLE 19.—*Rates of wages and hours of mailers and paper handlers—Continued*

City and occupation	Hours per week	Rate paid for—		Wage rate per week
		Overtime	Sunday and holidays	
MAILERS—continued				
New York—Continued.				
Newspapers—		Regular rate multiplied by—		
Day work—				
Mailers.....	48	\$ 144c.	2	\$46.00
Automatic mailing-machine operators.....	48	\$ 162½c.	2	52.00
Stampers and delivery clerks.....	48	\$ 153c.	2	49.00
Night work—				
Mailers.....	44	\$ 163½c.	2	48.00
Automatic mailing-machine operators.....	44	\$ 184c.	2	54.00
Stampers and delivery clerks.....	44	\$ 174c.	2	51.00
Pittsburgh, Pa.:				
Day work.....	48	1½	1	37.00
Night work.....	48	1½	1	38.00
PAPER HANDLERS				
New York, N. Y.:				
Book and job—				
Day work—				
Roll handlers.....	44	1½	2	40.00
Paper handlers.....	44	1½	2	39.00
Sheet straighteners.....	44	1½	2	43.00
Night work—				
Sheet straighteners.....	40	1½	2	46.00
Newspapers—				
Paper and roll handlers—				
Day work.....	48	1½	2	41.00
Night work.....	41	1½	2	43.00

1 For Saturday afternoon, 1½.
2 Per hour.

3 Single time for holidays.
4 For holidays, 1½.

TABLE 20.—*Rates of wages and hours of lithographers*

City and occupation	Hours per week	Rate for—		Wage rate per week	Range of earnings
		Over- time	Sunday and holidays		
		<i>Regular rate multi- plied by—</i>			
Chicago, Ill.:					
Transferrers.....	44	1 1/2	2	1 \$60.00	\$57.00—\$80.00
Pressmen.....	44	1 1/2	2	1 62.00	57.00—85.00
Artist (process).....	44	1 1/2	2	1 70.00	65.00—75.00
Stipple, letter, B. D. artist.....	44	1 1/2	2	1 60.00	50.00—65.00
Press assistants.....	44	1 1/2	2	1 24.00	20.00—32.00
Stone plate preparer.....	44	1 1/2	2	1 40.00	35.00—50.00
Color provers.....	44	1 1/2	2	1 65.00	65.00
Stone, rotary.....	44	1 1/2	2	1 52.00	50.00—55.00
Tin, flat rotary.....	44	1 1/2	2	1 57.00	52.00—60.00
Hand feeders.....	44	1 1/2	2	1 35.00	30.00—38.00
Engravers-designers.....	44	1 1/2	2	1 65.00	60.00—75.00
Photographers.....	44	1 1/2	2	1 75.00	70.00—90.00
Dallas, Tex.: Commercial.....	48	1 1/2	2	55.00	Up to 70.00
Denver, Colo.:					
Engravers.....	48	1 1/2	2	60.00	-----
Pressmen.....	48	1 1/2	2	57.50	-----
Transfermen.....	48	1 1/2	2	55.00	-----
Feeders.....	48	1 1/2	2	35.60	-----
Kansas City, Mo.: Journeymen.....	46	1 1/2	2	53.00	Up to 75.00
New York, N. Y.:					
Artists—					
Process.....	(3)	1 1/2	2	60.00	-----
Poster.....	(3)	1 1/2	2	65.00	-----
Letterer.....	(3)	1 1/2	2	53.00	-----
Engraver.....	(3)	1 1/2	2	55.00	-----

1 Average.

2 Prevailing hours per week, 44; some shops work 45 and 46 hours at same rate.

TABLE 20.—Rates of wages and hours of lithographers—Continued

City and occupation	Hours per week	Rate for—		Wage rate per week	Range of earnings
		Over-time	Sunday and holidays		
New York, N. Y.—Continued.		Regular rate multiplied by—			
Provers—					
Commercial.....	(9)	1½	2	\$55.00	
Poster.....	(9)	1½	2	53.00	
Offset pressmen.....	(9)	1½	2	60.00	
Photographers—					
Photo lithographers.....	(9)	1½	2	60.00	
Photo cameramen.....	(9)	1½	2	75.00	
Transferrers—					
Transferrers and machine operators.....	(9)	1½	2	53.00	
Music transferrers.....	(9)	1½	2	48.00	
Offset pressmen—					
Single.....	(9)	1½	2	58.00	
2-color, 64-inch.....	(9)	1½	2	70.00	
2-color, 86-inch.....	(9)	1½	2	74.00	
Music, 3¼.....	(9)	1½	2	53.00	
Music, 4½.....	(9)	1½	2	55.00	
Tin, rotary.....	(9)	1½	2	60.00	
Tin, flat-bed.....	(9)	1½	2	52.00	
Warren Green press.....	(9)	1½	2	80.00	
Web press.....	(9)	1½	2	63.00	
Rotary pressmen—					
Single, 86-inch.....	(9)	1½	2	58.00	
Single, 64-inch poster.....	(9)	1½	2	55.00	
Single, commercial.....	(9)	1½	2	55.00	
2-color.....	(9)	1½	2	60.00	
3-color.....	(9)	1½	2	68.00	
4-color, 64-inch.....	(9)	1½	2	75.00	
4-color, 86-inch.....	(9)	1½	2	80.00	
Music, 4 or 5¼.....	(9)	1½	2	50.00	
Flat-bed pressmen—					
Poster.....	(9)	1½	2	48.00	
Commercial.....	(9)	1½	2	50.00	
Music press, 3 or 3½.....	(9)	1½	2	43.00	
Stone and plate preparers—					
Stone grainer and polisher, poster or commercial.....	(9)	1½	2	40.00	
Plate grainer.....	(9)	1½	2	42.00	
Emmerick-machine men (small).....	(9)	1½	2	40.00	
Emmerick-machine men (large).....	(9)	1½	2	42.00	
Automatic operators—					
Single color.....	(9)	1½	2	35.00	
2-color operator.....	(9)	1½	2	40.00	
Rotary feeders—					
Single-color, 64 or 86 inch.....	(9)	1½	2	40.00	
2-color, 64-inch.....	(9)	1½	2	40.00	
4-color, 86-inch, automatic or semi-automatic.....	(9)	1½	2	44.00	
Music.....	(9)	1½	2	38.00	
Rotogravure.....	(9)	1½	2	43.00	
Offset feeders—					
Single or 2-color, 64-inch.....	(9)	1½	2	40.00	
2-color, 86-inch.....	(9)	1½	2	44.00	
Warren Green press.....	(9)	1½	2	36.00	
Flat-bed feeders, 1 to 5¼.....	(9)	1½	2	36.00	
Music feeders, 2¼ or 3¼.....	(9)	1½	2	35.00	
Tin feeders—					
Tin, flat-bed.....	(9)	1½	2	32.00	
Tin, rotary.....	(9)	1½	2	34.00	
Brakemen—					
Offset, web, single.....	(9)	1½	2	45.00	
Philadelphia, Pa.:					
Artists.....	48	1½	2	55.00	Up to \$73.00
Engravers.....	48	1½	2	55.00	Up to 65.00
Press feeders.....	48	1½	2	25.00	Up to 35.00
Pressmen.....	48	1½	2	55.00	Up to 65.00
Provers.....	48	1½	2	55.00	
Stone and plate preparers.....	48	1½	2	40.00	Up to 48.00
Transfermen.....	48	1½	2	50.00	Up to 60.00
Pittsburgh, Pa.:					
Artists.....	48	1½	2	75.00	
Engravers.....	48	1½	2	60.00	
Pressmen.....	48	1½	2	60.00	
Transfermen.....	48	1½	2	60.00	
Lithographers, rate B.....	48	1½	2		55.00-75.00

* Prevailing hours per week, 44; some shops work 45 and 46 hours at same rate.

TABLE 21.—*Rates of wages and hours of plate printers and die stampers*

City and occupation	Hours per week	Wage rate per week	Rate for overtime ¹	Range of earnings
PLATE PRINTERS				
New York, N. Y.:				
Wet steel plates.....	44	\$66.00	1½	
Dry copper plates.....	44	\$ 40.00	1½	\$30.00-\$50.00
Philadelphia, Pa.:				
Foremen.....	44		1½	35.00- 40.00
Wet work:				
Rotary power or hand pressmen.....	44	55.00	1½	45.00- 60.00
DIE STAMPERS				
Philadelphia, Pa. (piece work).....	48	\$ 45.00	1½	

¹ Regular rate multiplied by number shown.² Average.³ 3 months of year, 48 hours per week.TABLE 22.—*Rates of wages and hours of wall-paper crafts in specified occupations*

City and occupation	Minimum rate		Hours		Overtime rate ¹
	Per hour	Per week	Per day	Per week	
New York, N. Y.:					
Color mixers.....		\$52.00	\$ 9	50	1½
Printers.....		45.00	\$ 9	50	1½
Philadelphia, Pa.:					
Design cutters.....	\$1.04		10	50	1½
Color mixers.....	1.04		10	50	1½
6-color printers.....	.94		10	50	1½
8 and 9 color printers.....	.98		10	50	1½
10 and 12 color printers.....	1.04		10	50	1½

¹ Regular rate multiplied by number shown.² 5 hours on Saturday. Some plants operate 10 hours for 5 days.TABLE 23.—*Rates of wages and hours of paper, plate, box, and bag workers*

City and occupation	Rate or range of wages per week	Hours per week	Overtime rate ¹
PAPER, PLATE, AND BAG WORKERS			
New York, N. Y.:			
Males.....	\$ 22.00-\$46.00	45½	1½
Females.....	\$ 18.00- 25.00	45½	1½
PAPER-BOX WORKERS			
Square boxes—			
Cutters.....	35.00- 55.00	46	1
Setters-up.....	30.00	46	1
Turners-in.....	12.00- 16.00	46	1
Glue-table men.....	25.00- 30.00	46	1
Strippers.....	18.00- 22.00	46	1
Round boxes—			
Cutters.....	55.00	46	1½
Joiners.....	50.00	46	1½

¹ Regular rate multiplied by number shown.² Start at \$20 per week and automatically raised \$1 per week each month for the first 5 months until \$25 is paid; thereafter increases are controlled by employer.³ Same as note 2, except start at \$15 and increase up to \$20 per week.

MUSIC AUTOGRAPHERS, NEW YORK, N. Y.

This work is chiefly performed on a piece-work basis and at the home of the employee. No regular hours can be shown and the earnings are reported as averaging \$50 per week.

MUSIC ENGRAVERS, NEW YORK, N. Y.

The hours for music engravers are reported as 8 $\frac{1}{4}$, Monday to Friday, 4 $\frac{1}{4}$ on Saturday, making a total of 48 hours per week. The rate for overtime is one and one-half times the regular rate. The minimum wage per week is \$50, the majority of the members earning about \$55 per week.

WOMEN'S CLOTHING**LADIES' GARMENT WORKERS**

Data for local unions of the International Ladies' Garment Workers Union, with 57,766 members, are presented in Table 24 for workers in Chicago, Cleveland, New York, Philadelphia, St. Louis, and Seattle. For most of the locals the normal working hours per day are eight, and five or five and a half days the normal full-time week.

Overtime is prohibited during four months of the year, and generally the overtime allowed during the eight months is restricted to 10 hours per week and to the first four days of the week. When overtime is worked, one and one-half times the regular rate is paid except for a few occupations in New York City for which double time is paid.

The rates shown are minimum weekly rates or the minimum earnings allowed when working at piece rates.

TABLE 24.—Rates of wages in several cities of specified occupations in the ladies' garment industry

City and occupation	Wage rate per week	Hours per week
Chicago, Ill.:		
Waists, dress, skirt, kimono and white goods—		
Cutters.....	\$50.00	44
Sample makers.....	30.00	44
Examiners and finishers.....	25.00	44
Operators on skirts and dresses.....	1.90	44
Finishers on skirts and dresses.....	1.70	44
Pressers on skirts and dresses.....	1.00	44
Cloaks and suits—		
Cutters, operators, and off-pressers.....	52.50	40
Underpressers.....	49.00	40
Finishers and tailors.....	38.00	40
Basters, arrowhead makers, and fillers.....	33.00	40
Button sewers and shirt finishers.....	27.00	40
Cleveland, Ohio:		
Cutters.....	43.50	42
Finishers, coats.....	28.00	42
Finishers, skirts.....	20.00	42
Pressers.....	42.00	42
Machine operators—		
Male.....	46.00	42
Female.....	32.00	42
Pressers, coats and suits.....	28.50	42
New York, N. Y.:		
Cloaks, suits, and reefers—		
Cloak and dress cutters.....	52.00	40
Sample makers.....	45.00	40
Jacket, coat, reefer, and dress operators.....	55.00	40
Skirt operators.....	53.00	40
Piece tailors.....	48.00	40
Reefer, jacket, and coat finishers.....	46.00	40
Reefer, jacket, and coat finishers' helpers.....	38.00	40
Jacket, coat, reefer, and dress upper pressers.....	60.00	40

¹ Per hour (minimum at piece work).

TABLE 24.—*Rates of wages in several cities of specified occupations in the ladies' garment industry—Continued*

City and occupation	Wage rate per week	Hours per week
New York, N. Y.—Continued.		
Cloaks, suits, and reefers—Continued.		
Jacket, coat, reefer, and dress under pressers, skirt upper pressers, or skirt underpressers.....	\$46.00	40
Skirt basters.....	30.00	40
Skirt finishers.....	26.00	40
Drapers.....	32.00	40
Begraders on skirts.....	36.00	40
Examiners.....	40.00	40
Buttonhole makers (employer to furnish machine, silk and finishing) if buttonhole maker to furnish own silk, 10 cents per 100 extra.....	¹ 1.50	40
Dresses—		
Cutters.....	50.00	40
Operators.....	44.00	40
Examiners.....	26.00	40
Pressers.....	50.00	40
Drapers.....	31.00	40
Finishers.....	26.00	40
Hemstitchers.....	30.00	40
Cleaners.....	20.00	40
Pressers.....	¹ 50.00	40
Buttonholes (inside shop).....	⁴ 1.30	40
White goods—		
Operators and pressers.....	22.00	42
Ribboners, lace cutters, and examiners.....	19.00	42
Children's dresses—		
Operators.....	25.00	42
Pressers, male.....	40.00	42
Pressers, female.....	30.00	42
Examiners and finishers.....	20.00	42
Waterproof garments—		
Tailor hands.....	32.00	44
Finishers.....	25.00	44
Cementers, operators, tailors, and upper pressers.....	44.00	44
Underpressers.....	38.00	44
Buttonholes (inside shop, employer to furnish material and accessories)—		
Plain raincoats.....	⁴ .60	44
Gabardines.....	⁴ 1.00	44
Top coats and other materials.....	⁴ 1.25	44
Embroidery and novelty workers—		
Embroiderers—		
Bonnaz-machine operators.....	45.00	44
Stampers.....	35.00	44
Spoolers.....	25.00	44
Finishers, basters, and buckram scrapers.....	18.00	44
Pleaters and novelty workers.....	45.00	40
Pleaters and novelty workers' helpers.....	35.00	40
Hemstitchers.....	30.00	40
Tuckers.....	55.00	40
Philadelphia, Pa.:		
Dresses and waists—		
Cutters, first class.....	47.50	44
Cutters, assistant.....	42.50	44
Operators.....	44.00	44
Finishers and examiners.....	22.00	44
Drapers.....	28.00	44
Sample makers.....	31.00	44
Pressers.....	48.40	44
Trimmers.....	18.00	44
Cloaks and skirts—		
Cutters.....	50.00	42
Operators.....	50.00	42
Finishers.....	40.00	42
Button sewers.....	30.00	42
Pressers.....	50.00	42
Operators, pressers, cutters, finishers, button sewers (non-English speaking).....	30.00-65.00	42
St. Louis, Mo.:		
Cloaks and suits—		
Cutters, first class.....	50.00	44
Cutters, second and third class.....	35.00	44
Power operators.....	50.00	44
Finishers and hand sewers.....	30.00	44
Pressers.....	50.00	44
Seattle, Wash.:		
Reefer, cloak, and suits—		
Cutters.....	38.50	44
Garment workers A.....	52.00	44
Garment workers B.....	¹ 22.50	44

¹ Per 100 buttonholes; average, \$35 per week.² Piecework minimum.⁴ Per 100 buttonholes.⁵ Average.

MEN'S CLOTHING

UNITED GARMENT WORKERS

Wage scales for local unions of the United Garment Workers, with 13,115 members, were obtained. Most of these workers are paid on a piece-price basis. The minimum rate per week, or the estimated average earnings per week on piecework, as reported by officials of the locals in the several cities, are shown in Table 25. Forty-four hours per full-time week obtains in all of the cities shown.

TABLE 25.—Minimum rate of wages or estimated earnings of pieceworkers per week

City and occupation	Wage rate or earnings
Birmingham, Ala.:	<i>Per week</i>
Male cutters.....	\$35.00-\$55.00
Other operations, male.....	18.00- 30.00
Other operations, female.....	¹ 21.00
Chicago, Ill.:	
Cutters, average.....	{ ¹ 40.00
Sewers, basters, finishers, etc.....	² 35.00
Packers, cleaners, folders, etc.....	¹ 24.00
Cleveland, Ohio:	¹ 22.00
Machine operators—	
Day work.....	22.00- 25.00
Piece work, first class.....	15.00- 25.00
Piece work, second class.....	12.00- 15.00
Dallas, Tex.: Operators, hand and power machines.	16.00- 30.00
Denver, Colo.:	
Cutters, overalls, shirts, etc.....	35.00- 45.00
Miscellaneous operations.....	16.00
Do.....	¹ 21.50
Sewing machine operators, overalls.....	¹ 22.25
Kansas City, Mo.:	
Garment workers, female.....	16.00- 35.00
Garment workers, male.....	¹ 40.00
New York, N. Y.:	
Men's clothing—	
Clothing cutters.....	55.00
Tailors, hand.....	45.00
Operators, machine, coats.....	47.50
Pressers, coats, pants, and vests.....	45.00
Tailors, hand sewers, coats and vests.....	30.00
Tailors, pants, operators (piece work).....	¹ 45.00
Tailors, hand sewers (trousers) (piece work).....	¹ 30.00
Philadelphia, Pa.:	
Cutters and trimmers.....	47.50
Machine cutters.....	50.00
Fitters.....	42.50
Coat makers, pants makers, vest makers.....	35.00- 50.00
Finishers.....	18.00- 23.00
Overall makers (old scale, strike pending).....	23.00- 25.00
Shirt and overall makers.....	16.00- 25.00
Pittsburgh, Pa.: Pants makers	20.00
St. Louis, Mo.: Overalls and jumpers, machine operators, hand and power	¹ 22.50
San Francisco, Calif.: Garment workers—piece work	¹ 22.50

¹ Average.

² Minimum.

AMALGAMATED CLOTHING WORKERS

Members of the Amalgamated Clothing Workers are paid principally on a piecework basis. The piece rates are numerous and subject to frequent change; as a result no piece rates are here quoted. The time worker per full-time week is ordinarily 44 hours. A membership of 42,700 is reported for the data shown. Table 26 shows the rate for time work or the average earnings at piecework.

TABLE 26.—*Hourly or weekly rates of wages or earnings of clothing workers*

City and occupation	Rate per hour	Rate or earnings per week
Cleveland, Ohio:		
Cutters and trimmers.....	\$1.10	
Tailors.....	1.00	
Machine operators.....		\$40.00-\$55.00
Finishers.....	.55	
Pressers.....	1.25	
Denver, Colo.:		
Cutters.....		45.00
Trimmers.....		18.00-22.00
Pressers.....		9.00-35.00
Buttonhole makers.....		18.00
Machine operators.....		7.00-25.00
New York, N. Y.:		
Clothing cutters.....		55.00
Coats—		
Coat makers, male.....		¹ 40.00
Coat makers, female.....		¹ 20.00
Pressers, hand.....		48.00
Pressers, machine.....		44.00
Vests—		
Basters.....		14.00
Fitters.....		25.00
Operators.....		22.00
Finishers and button sewers.....		17.00
Off-pressers, machine and hand.....		30.00
Fore pressers or under pressers.....		25.00
Lapel makers (male).....	² 1.00	
Lapel makers (female).....	² .70	
Buttonhole makers.....		50.00
Shirts—		
Cutters.....		45.00
Spreaders.....		27.00
Markers.....		55.00
Operators.....		² 22.00
Pressers.....		² 30.00
Philadelphia, Pa.: Cutters.....		47.50-60.00
Pittsburgh, Pa.:		
Cutters.....		50.00
Coat makers.....		² 30.00
Pants makers.....		² 45.00
Vest makers.....		28.00-30.00
St. Louis, Mo.: Clothing workers, minor operations.....		11.00-15.00

¹ Minimum.² Average.

CUSTOM TAILORS

Wage data for a total of 3,063 organized custom tailors in specified cities are presented in Table 27, showing earnings and hours per full-time week.

TABLE 27.—Rates of wages, hours, and overtime rates of custom tailors

City and occupation	Rate of wages per week	Hours		Rate paid for—	
		Per day	Per week	Overtime	Sunday and holidays
				<i>Regular rate multiplied by—</i>	
Boston, Mass.:					
Tailors.....	\$42.00	8	44	1	2
Busshelmen.....	42.00	8	44	1	2
Skilled helpers.....	26.00	8	44	1	2
Butte, Mont.:					
Busshelmen—					
Male.....	54.00	8	48	1½	2
Female.....	33.00	8	48	1½	2
Chicago, Ill.:					
Journeyman tailors.....	1 1.00	8	48	1½	2
Busshelmen.....	41.00	8	48	1½	2
Helpers.....	1.58	8	48	1½	2
Dallas, Tex.:					
Journeyman tailors.....	40.00	8	44	1½	2
Helpers.....	18.00-31.00	8	44	1½	2
Denver, Colo.:					
Tailors, vest makers, pants makers, busshelmen, and operators.....	36.00	8	48	1½	2
Assistant operators.....	27.00	8	48	1½	2
Underpressers.....	29.25	8	48	1½	2
Helpers, first class.....	22.50	8	48	1½	2
Helpers, second class.....	19.80	8	48	1½	2
Kansas City, Mo.:					
Journeyman tailors.....	42.50	8	48	1½	2
Helpers.....	23.00	8	48	1½	2
Providence, R. I.:					
Tailors (busshelmen).....	34.40	8	48	1½	2
Tailoresses.....	20.00	8	48	1½	2
St. Louis, Mo.:					
Journeyman (shop work).....	1.75-1.25	8	44	1	1
Journeyman (custom work).....	40.00	8	48	1½	2
Busshelmen (custom work).....	33.00	8	48	1½	2
San Francisco, Calif.:					
Operators, tailors, pressers, and busshelmen.....	44.00	8	44	1½	2
Finishers and helpers.....	32.00	8	44	1½	2
Seattle, Wash.:					
Tailors.....	40.00	8	44	1½	2
Buttonhole makers.....	30.00	8	44	1½	2
First-class helpers.....	23.00	8	44	1½	2
Second-class helpers.....	25.00	8	44	1½	2

1 Piece work.

Table 28 shows piece prices effective in San Francisco.

TABLE 28.—Piece rates established by agreement in the custom-tailoring industry, San Francisco

Coats	Class A	Class B	Class C	Coats	Class A	Class B	Class C
Dress.....	\$31.00	\$29.00	\$27.00	Overcoat, single breasted.....	\$26.00	\$24.00	\$22.00
Tuxedo.....	27.00	25.00	23.00	Overcoat, double breasted or fly.....	27.50	25.50	23.50
Frock, double breasted.....	31.00	29.00	27.00	Overcoat, raglan.....	28.00	26.00	24.00
Cutaway, single breasted.....	26.00	24.00	22.00	Surtout or Newmarket.....	32.00	30.00	28.00
Sack, single breasted.....	22.00	20.00	18.00				
Sack, double breasted.....	23.00	21.00	19.00				

The above prices include try on, edges, single or double stitched, full lined, five pockets with two flaps, sleeves with imitation vent, four buttonholes in front. Deduction for no try on, \$1.

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CLEANERS, DYERS, AND PRESSERS

Wage scales for cleaners, dyers, and pressers were obtained from union officials in seven cities. Table 29 shows the rates per full-time week, the hours worked per day and week and the rate paid for overtime.

The number of union members covered by these agreements in the specified cities is 5,691.

TABLE 29.—*Rates of wages, hours and overtime of union cleaners and dyers in specified cities*

City and occupation	Rate per full-time week	Hours		Rate for overtime ¹
		Per day	Per week	
Chicago, Ill.:				
Head, sample dyers and dry cleaners.....	\$55.00	8	44	1½
Standard color dyers and gray goods spotters.....	45.00	8	44	1½
Fancy goods spotters.....	60.00	8	44	1½
Gents' goods spotters, dry cleaners' helpers, rough rug and carpet cleaners.....	35.00	8	44	1½
Wet cleaners and head rug and carpet cleaners.....	45.00	8	44	1½
Bushelmen and fancy goods pressers.....	42.50	8	44	1½
Gents' and ladies' heavy goods pressers.....	40.00	8	44	1½
Pressers, plain goods.....	25.00	8	44	1½
Fancy goods, pressers, and seamstresses.....	30.00	8	44	1½
Pleaters.....	35.00	8	44	1½
Small repairs.....	25.00	8	44	1½
New York, N. Y.:				
Benzine cleaners, washers and dyers.....	50.00-70.00	8	44	1½
Rough spotting.....	35.00-45.00	8	44	1½
Fancy spotting.....	50.00-75.00	8	44	1½
Machine pressers.....	30.00-45.00	8	44	1½
Pleating.....	35.00-50.00	8	44	1½
Cleaners and dyers, retail (Brooklyn).....	* 25.00	(²)	(²)	-----
Philadelphia, Pa.:				
Cleaners, dyers and pressers, union A.....	30.00-35.00	10	60	-----
Cleaners, dyers, and pressers, union B—				
Male.....	25.00-50.00	9	50½	-----
Female.....	12.00-30.00	9	50½	-----

¹ Regular rate multiplied by number shown.

² Average.

³ Not specified.

MISCELLANEOUS CLOTHING

NECKWEAR WORKERS

Wage scales for 1,721 organized neckwear workers were obtained in Boston, Mass., New York, N. Y., and St. Louis, Mo. The work in this industry is largely done on a piece-work basis and the prices are of such variable and changeable nature as to make a tabulation of them impracticable. Minimum time rates or average earnings on piece work are shown in Table 30.

TABLE 30.—*Rates of wages, hours, and overtime for specified occupations in specified cities in the manufacture of neckwear*

City and occupation	Wage rate per week	Hours per week	Overtime rate ¹	Average weekly earnings on piece work
Boston, Mass.:				
Cutters.....	\$35.00	44	1½	-----
Trimmers and packers—				
Class A.....	16.00	44	1½	-----
Class B.....	15.00	44	1½	-----
New York, N. Y.:				
Cutters.....	62.00	44	1½	-----
Trimmers and packers.....	17.00	44	1½	-----
Operators, machine, pressers, and tackers.....		44		\$60.00
Turners and finishers.....		44		40.00
Label sewers.....		44		30.00
St. Louis, Mo.:				
Neckwear workers—				
Male.....	48.00	44	1½	-----
Female.....		44		22.50

¹ Regular rate multiplied by number shown.² 40 hours per week July and August.

FUR WORKERS

Reports were obtained from nine locals of the International Fur Workers' Union in New York City and one local in Philadelphia, with a total membership of 10,955 in both cities. The hours of labor for these workers are 8 per day for 5 days or 40 hours per full-time week. One and one-half times the regular rate is paid for overtime.

New York City:	Rate per week	New York City—Contd.	Rate per week
Cutters—		Rabbit fur workers—	
First class.....	\$50.60	Rate A.....	¹ \$30.00
Second class.....	44.00	Rate B.....	¹ 25.00
Operators—		Fur dressers.....	¹ 38.00
First class.....	41.80	Floor workers—	
Second class.....	35.20	First class.....	² 1.37½
Females.....	35.20	Second class.....	² 1.25
Nailers—		Third class.....	² 1.09
First class.....	39.60	Philadelphia, Pa.:	
Second class.....	33.00	Cutters.....	55.00
Finishers—		Operators.....	41.80
First class.....	38.50	Finishers.....	40.00
Second class.....	30.80		

Under the agreement no floor work shall be paid for by piece except in the pulling of rabbits, in which case it shall be optional with the firm; also scraping work for New York on skins of civet cats, opossums, raccoons, and skunks shall be permitted as piece work, and in the event it shall select to operate upon a piece price such price shall be agreed upon between the local and the firm.

HATTERS

Reports were obtained in three cities for approximately 1,192 members of the United Hatters of North America working on felt hats. The hours per week in each city were 44 and wages are paid on a piece-price basis to a large extent.

Earnings were reported as follows: In New York City, flangers and finishers earn a minimum of \$9 per day and packers, slickers, plug

¹ Average.² Per hour.

pressmen, \$44 per week. In Philadelphia hatters earn \$44 per week, and in San Francisco male hatters receive \$44 per week and female hatters \$25 per week.

Sample price lists for New York and San Francisco are given below:

New York, N. Y.:	Per dozen
No. 1 quality.....	\$3. 50
No. 2 quality.....	3. 50
No. 3 quality.....	3. 65
Beaver hats.....	3. 80
All sizes over one 7½ in dozen.....	1. 15
Brims.....	. 25
Sample hats or single hats.....	1. 45
White hats.....	4. 20
Velour, No. 1 quality.....	3. 95
Velour, No. 2 quality.....	4. 25
Velour, No. 3 quality.....	4. 55
Clipping No. 1 and No. 2 velours.....	. 90
Clipping No. 3 velours.....	1. 00
Clipping beaver edges.....	. 25
Flanging—	
All flanging.....	. 65
Bagging.....	. 30
Velours.....	1. 48
Double flanging.....	1. 30
San Francisco, Calif.:	
Finishing soft hats.....	3. 00–3. 25
Flanging soft hats.....	. 55
Finishing stiff hats.....	3. 00
Banding lining, soft hats.....	. 54
Banding under line, soft hats.....	. 72
Pressing stiff hats.....	. 35
Velour finishing.....	6. 50–7. 00
Curling and setting stiff hats.....	2. 00
Rounding soft hats by hand.....	. 20
Trimming stiff hats complete.....	1. 91

TABLE 31.—*Rates of wages and hours of cloth hat and cap and millinery workers*

City and occupation	Wage rate per week	Hours per week	City and occupation	Wage rate per week	Hours per week
New York, N. Y.:			Philadelphia, Pa.:		
Cloth hats and caps—			Cloth hats and cap workers.....	\$44. 00	40
Operators, blockers,			Hat trimmers.....	22. 50	44
and cutters.....	\$44. 00	40		25. 00	
Lining makers and			St. Louis, Mo.:		
trimmers.....	30. 00	40	Hat and cap operators.....	44. 00	44
Packers.....	35. 00	40	Hat, cap, and millinery		
Pressers.....	30. 00	40	workers.....	20. 00	44
Millinery workers—			Lining makers and trim-		
Cutters and operators..	65. 00	44	mers:		
Trimmers.....	35. 00	44	Hand sewers (female)...	20. 00	44
Blockers.....	45. 00	44	Section workers (fe-	30. 00	44
			male).....		

STRAW-HAT MAKERS

Several hundred workers in New York City are separately organized as straw-hat makers (including Panama hats). They work 44 hours per week when working full time. This industry is very seasonal in

¹ Each.

character. As in the manufacture of felt hats, most of the workers are paid on a piece-price basis.

On time work they receive a minimum of \$60 per week. The earnings on piece work are reported as ranging from \$50 to \$70 per full-time week. About 95 per cent of the membership when employed work on piece-rate basis.

SHOE WORKERS

Local unions of the Boot and Shoe Workers were scheduled in Chicago, New York, St. Louis, and Seattle, with a membership of 9,842. Most of the members work on a piece-work basis. Price lists for all occupations, because of the many styles and types are so detailed and voluminous as to render reprinting impracticable.

A tabulation has been made of average earnings per week and the full-time hours per week in the principal operations as reported by the several locals and is presented in Table 32.

TABLE 32.—Average earnings and hours per week of important occupations in the shoe industry in specified cities

City and occupation	Average earnings per week	Hours per week
Chicago, Ill.:		
Cutters, sole.....	\$45.00	48
Cutters, vamp and whole shoe.....	47.00	48
Fitters.....	21.00	48
Lasters and makers.....	40.00	48
Finishers.....	30.00	48
Packers.....	20.00	48
New York, N. Y.:		
Shoe workers, Union A.....	35.00	48
Brooklyn, Union B—		
Cutters, uppers—		
Rate A.....	50.00	44
Rate B.....	45.00	44
Brooklyn, Union C—		
Cutters, outside.....	55.00	44
Cutters, trimmings.....	45.00	44
Stitchers or folders.....	45.00	44
Vampers, edge stitchers, or skivers.....	50.00	44
Lining makers.....	42.00	44
Folding-machine operators.....	35.00	44
Table workers.....	25.00	44
Stock fitters.....	50.00	44
Stockfitters' helpers.....	40.00	44
Channelers.....	55.00	44
Turn lasters.....	40.00-100.00	44
Inseamers.....	60.00	44
Wood heelers.....	40.00-80.00	44
Finishers.....	35.00-40.00	44
Edge trimmers.....	30.00	44
Edge setters.....	65.00	44
Cleaners.....	40.00	44
Repairers.....	40.00-45.00	44
Sock liners and packers.....	35.00-40.00	44
St. Louis, Mo.:		
Cutters.....	1.81- 1.58	48
Miscellaneous occupations.....	12.00-60.00	48
Stitchers, packers, etc.....	10.00-45.00	48
Seattle, Wash.:		
All-around men.....	48.00	48
Jackmen or finishers.....	30.00	48

¹ Per hour.

SUSPENDER MAKERS

A local union of suspender makers in New York City reported that all work is done on a piece-price basis with the exception of making samples. While making samples they are paid at the rate of \$1.25

per hour. At piecework it is estimated by the union that the workers earn from \$60 to \$70 per week for stitching.

The occupation is extremely seasonal in character, and although the agreement provides for a 44-hour week the provision is not strictly observed.

TEXTILES

MISCELLANEOUS OCCUPATIONS

Wage data for miscellaneous textile operatives in Philadelphia are shown in Table 33. The rate per hour or per week, or estimated earnings per week on piece work, together with the full-time hours per week and rate for overtime, are presented.

TABLE 33.—*Rates of wages and hours of labor of specified textile operatives in Philadelphia, Pa.*

Occupation	Wage rate—		Estimated weekly earning on piece work	Hours per week	Over-time rate ¹
	Per hour	Per week			
Dyers and mercerizers.....	\$0.75			48	1½
Loom fixers (Jacquard).....		\$52.80		48	1½
Loom fixers (plush).....		60.00		48	1½
Power loom fixers.....		45.00		48	1½
Textile twistors.....		43.00-50.40		48	1½
Beamers.....		45.00-50.40		48	1½
Entering and twisting (upholstery plants).....	1.00			48	1½
Warpers:					
Upholstery.....	1.05			48	1½
Cloth goods.....	.93½			48	1½
Winders (upholstery).....	.46-.49			48	
Weavers:					
Carpet.....			\$45.00	48	
Rug.....			55.00	48	
Upholstery.....			40.00-50.00	48	1½
Hair spinners.....		34.00	34.00	52½	1½
Lace:					
Brass bobbin winders.....			45.00	48	
Winding skein.....			22.50-30.00	48	
Warpers.....			40.00	48	
Machine threading.....			45.00	48	
Hand threading.....			20.00-25.00	48	
Dyeing.....			14.00-19.00	49½	
Floormen.....			25.00-32.00	48	
Miscellaneous workers.....			10.00-50.00	48	
Lever section operatives.....			48.00	48	Pro.
Curtain section operatives.....			60.00	48	Pro.

¹ Regular rate multiplied by number shown.

Operatives on lace and curtains are paid on a piece-price basis. The prices are based on a standard rate for a particular type and subject to many extras and fluctuations. Space does not permit a showing of the price lists.

HOSIERY (FULL-FASHIONED) WORKERS

Data covering workers on full-fashioned hosiery in Philadelphia were collected both as to piece rates and average earnings received in the important occupations.

Estimated average earnings per full-time week of 48 hours were reported as follows:

Leggers.....	\$70. 00
Footers.....	80. 00
Toppers.....	31. 00
Loopers.....	30. 00
Seamers.....	30. 00
Boarders.....	35. 00
Winders.....	21. 00
Menders.....	25. 00
Pairers and folders.....	22. 50
Boxers.....	18. 00

The piece-price ranges per dozen pairs on important operations are shown below. The variations within the ranges being due to a number of things, for instance, the gauge, number of thread, number of courses, materials, speed, fineness, etc.:

Leggers.....	\$1. 04½ - \$1. 34½
Footers.....	. 39½ - . 43
Ingrain:	
Leggers.....	1. 52 - 2. 41
Footers.....	. 54½ - . 86
Boarders.....	. 17 - . 19½
Helpers, long section footers.....	. 07 - . 09
Toppers.....	. 31 - . 32
Seamers.....	. 16 - . 23
Loopers.....	. 16½ - . 17½

SURGICAL KNITTERS

A local of surgical knitters in Philadelphia reported average earnings ranging from 80 cents to \$1.15 per hour according to class of work. Hours worked are 8 per day from Monday to Friday and 4 hours on Saturday.

CLOTH EXAMINERS AND SHRINKERS

In New York a local union of members engaged in the examining and shrinking of cloth reported that the agreed full-time hours per week were 44, with double time paid for overtime and holidays.

The wages per week agreed upon are as follows:

Examiners.....	\$65. 00
Spongers and decators.....	60. 00
Takers-off, hangers, folders.....	41. 00
Helpers.....	25. 00

FOOD, DRINKS, AND TOBACCO

Organized workers engaged in preparing, handling, or serving foods, etc., were scheduled for several cities and are tabulated as to rates of wages and hours of labor. Brewery and soft-drink workers and cigar makers are likewise tabulated and included under this general caption.

Table 34 presents data for 5,090 brewery and soft-drink workers.

Table 35 shows data for 21,547 hotel and restaurant workers.

Table 36 shows data for 8,926 members of locals composed of butchers, meat cutters, and poultry handlers; also egg inspectors, dairy employees, and a group of miscellaneous foodstuff workers.

Table 37 presents data for 1,538 cigar makers.

BREWERY AND SOFT-DRINK WORKERS

Union rates of wages, hours of labor, and overtime rates of brewery and soft-drink workers are shown in Table 34.

TABLE 34.—*Rates of wages and hours per full-time week of union brewery and soft-drink workers, by specified cities*

City and occupation	Wage rate		Rate for overtime ¹	Hours	
	Per hour	Per week		Per day	Per week
Boston, Mass.:					
Cellar, brewhouse, and washhouse workers.....		\$32.50	(?)	8	44
Cellar, fermenting room, kettle, and washhouse workers.....		34.50	(?)	8	44
Machine men, bottlers, packers, casers, repairmen, and truckers in plant.....		32.00	(?)	8	44
Chicago, Ill.:					
Brewers.....		42.00	1½	8	44
Pumpers.....		42.25	1½	8	44
Yeast makers.....		39.00	1½	8	44
Bottlers and laborers.....		37.00	1½	8	44
Filling, crowning, and siphon-machine workers (soda waters).....		42.00	1½	8	44
Bottle washers (mineral waters).....		30.00	1½	8	44
Denver, Colo.:					
Brewers, maltsters, and pump repairers.....		30.00	1½	8	48
Firemen.....		30.00	1½	8	56
Bottlers.....		27.00	1½	8	48
Kansas City, Mo.: Bottlers.....	\$0.625		1½	8	48
New York, N. Y.:					
Brewers and brewery workers.....		39.00	1½	8	48
Bottlers—					
Class A.....		50.00	1½	8½	45½
Class B.....		40.00	1½	8	48
Class C.....		36.00	1½	8	48
Soda-water workers.....		35.00	1½	8	48
Truckers.....		45.00	1½	8½	45½
Beverage dispensers.....		35.00	100	9	54
Philadelphia, Pa.:					
Brewers.....		35.00	1½	8	44
Bottlers.....		32.00	1½	8	48
Beverage dispensers.....		25.00	1½	10	60
Drivers, delivery.....		36.00	1½	8	44
Pittsburgh, Pa.:					
Brewers.....		32.00 to 45.00	1	8	48
Bottlers.....		30.00	1½	8	48
St. Louis, Mo.:					
Brewers, maltsters, and elevator men.....		34.00	1½	8	44
Freight handlers and ice pullers.....		30.00	1½	8	44
Yeast men.....		.50	1½	8	44
Stablemen.....		29.50	1½	8	56
Bottlers, beverage workers, and sirup carriers.....		30.00	1½	8	44
Sugar workers.....		24.00	1½	8	48
Labelers.....		20.50	1½	8	44
Bottlers, soda water.....		37.00	1½	8	44
Bottle washers, soda water.....		31.00	1½	8	44
Beverage dispensers.....		30.00	100	9	54
San Francisco, Calif.:					
Brewery workers.....		42.00	1½	8	44
Bottlers, brewery.....		38.00	1½	8	44
Bottlers, soda water.....		36.00	1½	8	44
Beverage dispensers.....		30.00	100	8	48

¹ Regular rate multiplied by number shown,
² 15 per cent additional,

³ Cents per hour,
⁴ 7 days per week,

HOTEL AND RESTAURANT WORKERS

Union rates of wages, hours of labor, and overtime rates for hotel and restaurant workers are shown in Table 35 following:

TABLE 35.—*Rates of wages and hours of hotel and restaurant workers in specified cities*

City and occupation	Wage rate per week	Hours		Rate for overtime ¹
		Per day	Per week	
Boston, Mass.:				
Chefs (cooks).....	\$40.00-\$60.00	9	54	1½
Assistant cooks.....	18.00-37.50	9	54	1½
Bakers.....	24.00-37.00	9	54	1½
Miscellaneous workers.....	22.00-40.00	9	54	1½
Waiters.....	15.00	10	60	¾
Waiters, Hebrew.....	25.00	10	60	¾
Waitresses.....	15.00	8	48	¾
Butte, Mont.:				
Head cook.....	43.50	8	48	1.00
Pastry cooks.....	37.50	8	48	1.00
Other cooks.....	36.00	8	48	1.00
Waiters.....	27.00-30.00	8	48	¾
Cook, Class A.....	24.00	8	48	¾
Cook, Class B.....	25.00	8	48	¾
Waitresses.....	15.00-16.50	8	48	¾
Do.....	15.00-16.50	8	48	¾
Miscellaneous workers.....	18.00	8	48	¾
Do.....	14.00-18.50	8	48	¾
Chicago, Ill.:				
Cooks.....	36.00-60.00	9	54	1.50
Waitresses.....	18.00-21.00	8	48	¾
Do.....	14.00	6	36	¾
Do.....	9.00-10.00	3	18	¾
Do.....	25.00	9	54	1.00
Waiters.....	21.00	6	36	1.00
Do.....	18.00	9	54	1.00
Do.....	15.00	6	36	1.00
Do.....	9.00	3	18	1.00
Do.....	125.00	9	54	1.00
Cleveland, Ohio.:				
Chefs (cooks).....	44.00-66.00	8	48	1.10
Second cooks.....	29.70-49.50	8	48	1.10
Waitresses.....	16.00	8	48	¾
Do.....	14.00	6	36	¾
Do.....	10.00	3	18	¾
Waiters.....	10.00-30.00	(²)	(²)	¾
Dallas, Tex.:				
Waiters.....	18.00-27.00	10	60	¾
Waitresses.....	15.00-17.00	9	54	¾
Denver, Colo.:				
Cooks.....	33.00-39.00	8	48	1½
Waiters.....	12.00	6	36	1
Do.....	14.40	7	42	1
Do.....	16.50	8	48	1
Waitresses.....	12.00	6	36	1
Do.....	14.40	7	42	1
Do.....	16.50	8	48	1
Kansas City, Mo.:				
Chefs.....	35.00-45.00	10	60	1.00
Cooks.....	21.00-35.00	10	60	¾
Waiters.....	18.00	10	60	¾
Waitresses.....	14.00	9	54	¾
Do.....	14.00-17.00	8	56	¾
New Orleans, La.: Waiters.....	12.00-18.00	10	60	1
New York, N. Y.:				
Chefs.....	50.00	9	54	1.00
Cooks.....	40.00	9	54	1.00
Do.....	40.00	8	48	1.25
Salad and head counter men.....	50.00	9	54	1.00
Coffee men.....	35.00	9	54	1.00

¹ Regular rate multiplied by number shown, or at the sum stated.

² Cents per hour.

³ Split shift; 6 hours per day worked within 12 hours.

⁴ Per month.

⁵ Hours irregular.

⁶ Work 7 days per week.

TABLE 35.—*Rates of wages and hours of hotel and restaurant workers in specified cities—Continued*

City and occupation	Wage rate per week	Hours		Rate for overtime ¹
		Per day	Per week	
New York, N. Y.—Continued.				
Waiters.....	\$20.00	9	54	\$ 100
Do.....	16.67- 45.83	\$ 9	45	\$ 100
Do.....		(²) 9	56	
Waitresses.....	20.00	8	48	(³)
Do.....	12.50	\$ 9	45	\$ 100
Do.....	20.00	9	54	1
Miscellaneous workers.....	40.00	8	48	1½
Do.....	22.00- 45.00	8	48	1
Food store clerks.....	35.00	9	54	1½
Philadelphia, Pa.:				
Waiters.....	20.00	9	54	\$ 75
Waiters, hotels and clubs.....	40.00-60.00	12	72	
Waiters, restaurants.....	10.00	(⁴) 9	(⁵)	
Pittsburgh, Pa.:				
Cooks.....	35.00	9	54	\$ 100
Waiters.....	12.00	9	54	\$ 60
Waiters, hotels.....	55.00	9½	57	\$ 60
Providence, R. I.:				
Cooks.....	20.00- 50.00	10	60	1½
Waiters.....	10.00- 25.00	10	60	1½
St. Louis, Mo.:				
Waiters.....	15.00- 21.00	9	54	\$ 100
Waitresses.....	12.50- 15.00	8	48	\$ 100
San Francisco, Calif.:				
Chefs.....	45.00- 65.00	8	48	\$ 150
Cooks.....	39.00- 48.00	8	48	\$ 150
Assistant chefs and cooks.....	30.00- 45.00	8	48	\$ 150
Waiters.....	19.50	9	54	\$ 75
Do.....	15.30	6	36	\$ 75
Do.....	12.00	3	18	\$ 75
Do.....	24.00	\$ 8	48	\$ 100
Do.....	21.00	10 8	48	\$ 100
Waitresses.....	18.00- 21.00	7½	45	\$ 75
Do.....	15.00- 18.00	6	36	\$ 75
Bakers.....	36.00- 45.00	8	48	\$ 150
Miscellaneous workers.....	21.00- 40.00	8	48	\$ 100
Do.....	27.00- 45.00	8	48	\$ 150
Seattle, Wash.:				
Chefs.....	40.00	8	48	\$ 100
Cooks.....	30.00- 36.00	8	48	(¹¹)
Waiters.....	24.00	8	48	\$ 100
Waitresses.....	18.50	5	30	\$ 100
Do.....	16.50- 18.00	8	48	(⁷)
Miscellaneous workers.....	18.00- 30.00	8	48	\$ 60

¹ Regular rate multiplied by number shown, or at the sum stated.² Cents per hour.³ Per month.⁴ Hours irregular.⁵ Prohibited.⁶ 5 days per week.⁷ 8 hours worked within 12 hours per day.⁸ 8 hours worked within 8½ hours per day.⁹ \$1.00 only.

MEAT CUTTERS, BUTCHERS, ETC.

In Table 36 following will be found rates of wages, hours of labor, and overtime rates of pay for meat cutters and miscellaneous food handlers.

TABLE 36.—*Rates of wages and hours of butchers, meat cutters, poultry handlers, etc., by specified cities*

City and occupation	Wage rate		Rate for over-time ¹	Hours	
	Per hour	Per week		Per day	Per week
BUTCHERS, MEAT CUTTERS, AND POULTRY HANDLERS					
Boston, Mass.:					
Poultry pluckers and handlers—					
Class A.....	-----	\$25. 00	1	9	66
Class B.....	-----	30. 00	1	9	66
Class C.....	-----	35. 00	1	9	66
Class D.....	-----	40. 00	1	9	66
Class E.....	-----	45. 00	1	9	66
Handlers, piece work.....	-----	\$ 36. 00	-----	-----	-----
Pluckers, piece work.....	\$ 1. 20	-----	-----	-----	-----
Butte, Mont.:					
Butchers, meat cutters (blockmen), and sausage makers.....	-----	\$ 7. 00	\$ 100	9	55
Bed men, slaughterhouses.....	-----	\$ 7. 00	\$ 100	9	54
Meat cutters, extra men.....	-----	\$ 7. 50	\$ 100	9	55
Butchers' helpers.....	-----	\$ 6. 00	\$ 100	9	55
Chicago, Ill.:					
Meat cutters (retail market).....	-----	45. 00	\$ 150	9	54
Meat cutters (kosher)—					
First class.....	-----	50. 00	1	(7)	52½
Second class.....	-----	45. 00	1	(7)	52½
Poultry dressers, piece work.....	-----	\$ 65. 00	-----	8	44
Poultry dressers, piece work (kosher).....	-----	\$ 50. 00	-----	(7)	(7)
Dallas, Tex.: Meat cutters (retail).....	-----	37. 50	1½	10	62
Denver, Colo.: Meat cutters (retail).....	-----	35. 00	1	10	62½
New Orleans, La.:					
Slaughterhouse men.....	50- 74½	-----	1½	8	48
Slaughterhouse men (kosher).....	36- 74½	-----	1½	8	48
New York, N. Y.:					
Hebrew butcher workers—					
Butchers, stuffers and smokers.....	-----	46. 00	1½	8	48
Butchers, benchmen.....	-----	43. 00	1½	8	48
Washers and laborers.....	-----	35. 00	1½	8	48
Butchers (storekeepers).....	-----	45. 00	1½	9	56
Butchers.....	-----	40. 00	(10)	(7)	54
Butchers (kosher).....	-----	46. 00	1½	8½	42½
Butchers, benchmen (kosher).....	-----	43. 00	1½	8½	42½
Butchers, smokers.....	-----	56. 00	1½	8½	42½
Brooklyn—					
Meat cutters, machine.....	-----	46. 00	1½	8	48
Butchers.....	-----	43. 00	1½	8	48
Butchers (storekeepers).....	-----	45. 00	(10)	9	57½
Poultry, stand men (crate handlers).....	-----	47. 00	\$ 100	8	44
Fish—					
Cleaners.....	-----	37. 00	1½	8	48
Cutters.....	-----	37. 00	1½	(7)	44
Journeyman.....	-----	34. 00	1½	8	48
St. Louis, Mo.:					
Cutters, meat markets.....	-----	40. 00	(10)	10	62½
Hog killing—					
Butchers, class A.....	. 73	-----	1½	8	48
Butchers, class B.....	. 65	-----	1½	8	48
Butchers, class C.....	. 60	-----	1½	8	48
Sausage makers and trimmers.....	. 55	-----	1½	8	48
Laborers.....	. 45	-----	1½	8	48

¹ Regular rate multiplied by number shown.

² Work 15 hours on Thursday and Saturday.

³ 6 men to a car, average 3 hours to car.

⁴ Average.

⁵ Per day.

⁶ Cents per hour.

⁷ Hours irregular.

⁸ Guaranteed 40 hours.

⁹ Prohibited.

¹⁰ 5 days per week.

TABLE 36.—*Rates of wages and hours of butchers, meat cutters, poultry handlers, etc., by specified cities—Continued*

City and occupation	Wage rate		Rate for over-time ¹	Hours	
	Per hour	Per week		Per day	Per week
BUTCHERS, MEAT CUTTERS, AND POULTRY HANDLERS—continued					
San Francisco, Calif.:					
Butchers, wholesale—					
Beef butchers, splitters.....		¹² \$210.00	2	8	45
All-around and extra splitters.....		¹² 200.00	2	8	45
Journeymen.....		¹² 185.00	2	8	45
Sheep butchers, foremen.....		¹² 185.00	2	8	45
Sheep butchers.....		¹² 175.00	2	8	45
Hog butchers, splitters.....		¹² 190.00	2	8	45
Hog butchers and pork cutters.....		¹² 180.00	2	8	45
Hog butchers.....		¹² 160.00	2	8	45
Butchers, jobbing—					
Meat cutters.....		40.00	(¹⁰)	9	54
Meat cutters, driving wagons, 5 hours or more, doing inside work.....		32.00	(¹⁰)	9	54
Sausage makers—					
Sausage makers, stuffers, and smokers.....		40.00	2	8	45
Grinder men.....		38.00	2	8	45
Smokehouse helpers.....		32.00	2	8	45
Bench workers.....		25.00	2	8	45
Seattle, Wash.: Meat cutters, block men, and sausage makers.....		40.00	2	9	54
EGG INSPECTORS					
Boston, Mass.....		30.00	1	9	50
Chicago, Ill.....	\$1.10		1½	8	44
New York, N. Y.....		45.00	1½	8	44
Philadelphia, Pa.....		40.00	⁶ 100	9	51
San Francisco, Calif.....		36.00	1½	8	48
DAIRY EMPLOYEES					
Chicago, Ill.:					
Foremen; cashiers, route accounts; sales' book-keepers.....		49.00	1½	8	48
Pasteurizers, pan men, inspectors, butter and cheese makers, refrigerator men.....		46.00	1½	8	48
Car men, platform men, stable men, checkers, loading and unloading wagons, watchmen, wagon washers, bottle washers, car washers, janitors, and assistant foremen.....		44.00	- 1½	8	48
MISCELLANEOUS FOODSTUFFS					
Chicago, Ill.:					
Tomato strippers.....	.65		4.75	10	60
Tomato packers.....	.75		4.90	10	60
Fruit auction men.....	.80			(⁷)	(⁷)
San Francisco, Calif.: Macaroni makers.....		37.50	1½	8	48

¹ Regular rate multiplied by number shown.⁶ Cents per hour.⁷ Hours irregular.¹⁰ Prohibited.¹² Per month.**CIGAR MAKERS**

Rates of wages per thousand and hours of labor per day and week for cigar makers are shown in Table 37 following.

TABLE 37.—*Rates of wages, average earnings, and hours of cigar makers*

City and occupation	Rate per thousand		Average earnings per week	Hours	
	Mini-mum	Maxi-mum		Per day	Per week
Boston, Mass.:					
Binders and strippers.....			\$19.50	8	45
Wrappers and strippers.....			19.50	8	45
Chicago, Ill.:					
Pieceworkers—					
Clear Havana—					
Class A.....	\$43.00	\$63.00	29.59-43.34	8	44
Class B.....	26.00	40.00	25.02-38.50	8	44
Class C.....	25.00	30.00	27.50-33.00	8	44
Seed and Havana—					
Class A.....	20.00	25.00	24.75-30.94	8	44
Class B.....	17.00	26.00	28.05-42.90	8	44
Cigar makers—					
Class A, block molds.....	11.50	15.00	25.30-33.00	8	44
Class B, block molds.....	15.00	17.00	28.88-32.73	8	44
Cigar packers.....	\$ 2.05			8	44
Dallas, Tex.: Cigar makers (pieceworkers).....	10.00	17.00		8	44
Denver, Colo.: Cigar makers (pieceworkers).....			14.00	8	48
New York, N. Y.:					
Cigar makers (pieceworkers).....			19.00-25.00	8	48
Cigar makers (mold work).....			20.00	8	44
Cigar packers.....			20.00-30.00	8	44
St. Louis, Mo.: Pieceworkers.....	13.00	24.00		8	48
San Francisco, Calif.: Cigar makers (pieceworkers).....			18.00	8	48

‡ Time workers.

‡ Packing 100 boxes.

GLASS, CLAY, AND STONE

BRICKMAKERS

A union wage scale for members of the brickmakers' union was obtained for Chicago, Ill., that provided for eight hours per day and 5 days per week. Sample rates are shown in Table 38 following.

TABLE 38.—*Rates of wages of brickmakers and employees in union brick plants at Chicago, Ill.*

Department and occupation	Rate per hour	Department and occupation	Rate per hour
CLAY PIT		ENGINE AND BOILER ROOM AND MISCELLANEOUS	
Steam-shovel and drag-line engineers.....	\$1.05	Stationary engineers.....	\$1.05
Steam-shovel crane-men.....	.88	Firemen.....	.88
Steam-shovel firemen.....	.82	Coal passers and roustabouts.....	.80
Clamshell operators.....	.94	Fan engineers.....	.95
Men in front of shovel.....	.85	Independent furnace men.....	.85
Gasoline and dinky engineers.....	.95	Truck and general repair men.....	.95
Cable hookers, drivers, and others.....	.80	General repair helpers.....	.84
BELT ROOM		Gas dump-car drivers.....	.82
Belt men.....	.88	Coal conveyor operator.....	.88
Cut-off men and pulley men.....	.96		
Power transfer men.....	.85		
Helpers, car shovers, car oilers, and clean-up men.....	.82		
BRICK SETTING AND BURNING			
Drier men (car pullers), helpers, bottoms men, conveyor men.....	.82		
Controller men (3-car transfer).....	.85		
Electric-crane operators.....	.88		
Head burners.....	.90		
Second burners.....	.87		
Helpers and others (not otherwise specified).....	.82		
Cart drivers.....	.80		
MACHINE HOUSE			
Steam-hoist men.....	.90		
Granulator men.....	.84		
Roller men, sand men, dry-pan men.....	.82		
Pug-mill men.....	.84		
Machine men.....	.95		
		PIECEWORK RATES	
		Setting and tossing green brick from cars (per M, \$1).....	\$12.00
		Setting and tossing from wheelbarrows (per M, \$1.07).....	12.00
		Loading brick in cars (per M, 73 to 95 cents).....	10.00
		Loading boxes at kilns (per M, 45 cents).....	12.00
		Walling (per arch, \$4.80).....	9.00
		Unloading coal (per tin, 25 to 27½ cents).....	7.00

GLASS WORKERS

Rates of wages and hours of flint glass and miscellaneous glass workers in several cities are shown in Table 39.

TABLE 39.—Rates of wages, hours, and overtime rates of glass workers in specified cities, by occupation

City and occupation	Wage rate		Hours per week	Rate for overtime ¹
	Unit	Amount		
GLASS BLOWERS (FLINT)				
Cleveland, Ohio: Neon letter benders.....	Hour.....	\$1.50	44	1½
New York, N. Y.:				
Flint glass vials, etc.—				
Rate A.....	Week.....	30.00	47	1
Rate B.....	do.....	34.00	47	1
Rate C.....	do.....	40.00	47	1
Rate D.....	do.....	42.00	47	1
Rate E.....	do.....	44.00	47	1
Piecework average.....	do.....	30.00-40.00	47	1
Caster-plate department—				
Gaffers.....	Day.....	10.00	44	1
Blowers.....	do.....	8.50	44	1
Gatherers—				
Rate A.....	do.....	7.00	44	1
Rate B.....	do.....	6.00	44	1
German system—				
Paste-mold glass blowers.....	do.....	10.25	44	1
Iron-mold blowers.....	do.....	16.00	44	1
Mold makers.....	Week.....	32.00-42.00	44	1
Cutting department—Cutters.....	do.....	28.00-34.00	44	1
Philadelphia, Pa.:				
Mold makers.....	do.....	30.00-42.00	48	1½
Blowers.....	Day.....	\$ 5.30	44	
Gatherers.....	do.....	\$ 3.82	44	
Blockers.....	do.....	\$ 4.32	44	
Pittsburgh, Pa.:				
Flint glass, pressed ware—				
Finishers.....	Week.....	\$ 36.00-45.00	46½	
Pressers.....	do.....	\$ 39.00-45.00	46½	
Gatherers.....	do.....	31.18	46½	
Miscellaneous.....	do.....	25.00-35.00	46½	
Mold makers.....	do.....	30.00-65.00	48	
Bottle blowers.....	Day.....	6.30	48	
Window glass—				
Flatteners.....	Week.....	30.00-60.00	48	
Cutters.....	do.....	30.00-60.00	55	
Seattle, Wash.:				
Pumpers, journeymen.....	Hour.....	1.00	44	
Benders, journeymen.....	do.....	1.25	44	
DECORATIVE GLASS WORKERS				
Kansas City, Mo.: Decorative glass workers.....	Hour.....	1.00	44	1½
New York, N. Y.:				
Glass bevelers (small glass).....	Week.....	46.50	40	1½
Workers on large glass.....	do.....	51.00	40	1½
Helpers.....	do.....	40.50	40	1½
Decorative glass workers—				
Foremen or selectors.....	do.....	71.50	40	1½
Journemen or specialty men.....	do.....	68.00	40	1½
Philadelphia, Pa.: Stained-glass workers.....	Hour.....	1.10-1.25	40	

¹ Regular rate multiplied by number shown.

² Estimated minimum.

³ Piecework.

PAVING CUTTERS

A local of union paving cutters reported that the standard piece price for cutting stone paving blocks per 1,000 blocks is \$20 and that the members average \$12 per day when working.

A local in Philadelphia reported the piece rate for standard blocks is \$22.50 per 1,000 and that the men average \$13 per day when working.

The hours of labor in both localities were reported as 44 hours per week with double time paid for overtime.

GRANITE, STONE, AND MARBLE WORKERS

Rates of wages and hours of granite, stone, and marble workers in several occupations in New York City are given in Table 40:

TABLE 40.—*Rates of wages, hours of labor, and rate for overtime of granite, stone, and marble workers in New York City*

Occupation	Wage rate per day	Rate for overtime ¹	Hours per week
Marble polishers, bed rubbers, and sawyers.....	\$12.10	2	40
Bluestone cutters and setters on building work.....	13.20	2	44
Machine stone cutters, bed rubbers, and tool grinders.....	11.55	2	40
Machine sawyers.....	9.84	2	40
Crane runner, chainer and diamond rip sawyers.....	9.00	2	40
Hand rubbers and helpers.....	9.30	2	40
Molders (cast artificial stone).....	10.84	2	40

¹ Regular rate multiplied by number shown.

WOODWORKERS

WOOD CARVERS AND COOPERS

Table 41 presents similar data in a few cities for wood carvers and coopers:

TABLE 41.—*Rates of wages, hours, and overtime of union wood carvers and coopers in specified cities*

City and occupation	Rates of wages per hour	Hours per week	Rate for over-time ¹	Range of earnings
WOOD CARVERS				
Boston, Mass.:				
Class A.....	\$1.50 ¹ / ₂	40	2	* \$1.79-\$2.50
Class B.....	1.37 ¹ / ₂	40	2	
Class C.....	1.48	40	2	
New York, N. Y.....	* 10.00	40	1 ¹ / ₂	* 11.00- 12.00
Philadelphia, Pa.....	1.25- 1.75	40	1 ¹ / ₂	
COOPERS				
Kansas City, Mo.....	.60	48	1 ¹ / ₂	
Philadelphia, Pa.....	* 42.00	48	1 ¹ / ₂	
Pittsburgh, Pa.....	.72 ¹ / ₂	48	1 ¹ / ₂	
San Francisco, Calif.....	* 6.00	48	1 ¹ / ₂	* 5.50- 7.00

¹ Regular rate multiplied by number shown.

* Per hour.

¹ Per day.

* Per week.

MILLMEN, HARDWOOD FINISHERS, AND GLAZIERS

Rates of wages and hours of labor, together with the rate for over-time, are shown in Table 42, for specified occupations in certain cities for 12,709 members of millmen, hardwood finishers, and glaziers on millwork.

TABLE 42.—*Wage rates and hours of millmen, hardwood finishers, and glaziers in specified cities*

City and occupation	Rate of wages		Hours		Rate paid for—	
	Per hour	Per week	Per day	Per week	Overtime	Sunday and holidays
					<i>Regular rate multiplied by—</i>	
Butte, Mont.: Carpenters.....	\$1.125	\$54.00	8	48	1½	1½
Chicago, Ill.: Carpenters.....	1.20	52.80	8	44	2	2
Denver, Colo.: Carpenters.....	.80	35.20	8	44	2	2
Kansas City, Mo.: Carpenters and cabinetmakers.....	.80	35.20	8	44	2	2
Hardwood finishers.....	1.00	44.00	8	44	1½	2
New York, N. Y.: Carpenters and cabinetmakers.....	1.65	66.00	8	40	2	2
Cabinetmakers (furniture).....	1.60	46.72	8	40	1½	2
Finishers (furniture).....	1.05	42.00	8	40	1½	2
Philadelphia, Pa.: Carpenters.....	.875	42.00	8½	48	2	2
Hardwood finishers (shops).....	.875	42.00	8½	48	1½	2
Hardwood finishers (outside).....	1.05	46.20	8	44	1½	2
Hardwood floor workers.....	1.25	55.00	8	44	2	2
Glaziers.....	1.05	46.20	8	44	2	2
Pittsburgh, Pa.: Hardwood finishers.....	1.50	60.00	8	40	1½	2
St. Louis, Mo.: Cabinetmakers and carpenters.....	.75	33.00	8	44	2	2
San Francisco, Calif.: Carpenters and cabinetmakers.....	.938	41.25	8	44	1½	2
Hardwood finishers.....	1.125	45.00	8	40	1½	2
Seattle, Wash.: Carpenters.....	.875	38.50	8	44	1½	2

UPHOLSTERERS

Data were obtained for 8,076 members employed at upholstering and allied occupations, including mattress makers, shade and drapery workers, carpet and linoleum workers, and awning, tent, and sail makers. Table 43 shows for these workers the hours per day and per full-time week, the rate for overtime, and the rates paid per hour or per week. Where the workers were paid on a piece-rate basis only the estimated average earnings were furnished by the union official.

TABLE 43.—*Rates of wages and hours of labor of upholsterers and allied trades in specified cities*

City and occupation	Wage rate		Rate for overtime ¹	Hours	
	Per hour	Per week		Per day	Per week
Boston, Mass.: Wholesale— Furniture upholsterers.....	\$1.00		1½	8	44
Cushion filler and operators.....		\$44.00	1½	8	44
Cushion fillers.....		35.00	1½	8	44
Sewing-machine operators.....		30.00	1½	8	44
Custom work— Furniture upholsterers, cushion and mattress makers, or drapery (men).....		60.50	2	8	44
Drapery sewers, cushion makers, slip makers, or upholstery sewers, (females).....		27.00	2	8	44
Carpet and linoleum workers, measurers, cutters, or mechanics.....	1.37½		2	8	40
Carpet sewers.....		28.50	2	8	40
Carpet layers.....	1.37½		2	8	40
Shade workers and hangers.....	1.00		2	8	40
Butte Mont.: Carpet layers.....		30.00	75c.	8	48
Chicago, Ill.: Time-work— Upholsterers, rate A.....	1.10		1½	9	50
Upholsterers, rate B.....	1.10		1½	8	44
Upholsterers, female.....		28.88	2	8	44
Piece-work— Upholsterers, rate A.....		\$ 35.00		9	50
Upholsterers, rate B.....	1.25			8	44

¹ Regular rate multiplied by number shown, or at the sum stated.² Average.

TABLE 43.—*Rates of wages and hours of labor of upholsterers and allied trades in specified cities*

City and occupation	Wage rate		Rate for overtime ¹	Hours	
	Per hour	Per week		Per day	Per week
Chicago, Ill.—Continued.					
Carpet cutters and layers.....	\$1.37½	—	2	8	44
Carpet sewers.....	1.05	—	2	8	44
Awning makers, male.....	1.25	—	1½	8	44
Awning makers, female.....	.65	—	1½	8	44
Awning and canopy makers and hangers.....	1.25	—	1½	8	44
Awning and canopy operators, female.....	—	\$27.50	1½	8	44
Awning and canopy cutters, stencilers, and operators, female.....	—	32.50	1½	8	44
Sail and tent makers.....	1.00	—	1½	8¾	48
Cleveland, Ohio:					
Wholesale—					
Upholsterers.....	1.00	—	1½	8	44
Cutters, cushion makers, and spring setters.....	—	35.00	1½	8	44
Sewers.....	—	20.00	1½	8	44
Retail upholsterers.....	1.16¼	—	1½	8	44
Carpet and linoleum cutters and layers.....	1.20	—	1½	8	40
Outside carpet sewers.....	—	21.39	1½	8	40
Carpet, drapery, shade, and custom upholstery sewers.....	—	23.50	1½	8	44
Measure men.....	.96½ ⁴³	—	1½	8	44
Drapers and cutters.....	1.02½ ¹¹	—	1½	8	44
Shade hangers and cutters.....	.90¼ ¹¹	—	1½	8	44
Denver, Colo.:					
Upholsterers.....	—	49.50	1½	8	44
Carpet and linoleum.....	—	40.00	1½	8	44
Kansas City, Mo.:					
Upholsterers.....	1.00	—	1½	8	44
Cutters.....	1.25	—	1½	8	44
Carpet and linoleum layers.....	1.00	—	1½	8	44
Awning, shade and drapery hangers.....	1.00	—	1½	8	44
New York, N. Y.:					
Upholsterers of living-room furnishings.....	1.10	—	1½	8	40
Furniture covers, drapery, curtain and wall hanging cutters.....	1.75	—	2	8	40
Measurers and estimators.....	1.61½	—	2	8	40
Mattress makers—					
Finishers, box fillers, iron spring makers, operators, or owl edge men.....	—	45.00	1½	8	44
Helpers.....	—	35.00	1½	8	44
Carpet and linoleum layers, union A.....	—	66.00	1½	8	44
Carpet layers, union B.....	1.65	—	380c.	8	40
Forewomen.....	1.05	—	2	8	40
Hand sewers, female.....	.90	—	2	8	40
Standing machine operators.....	.96	—	2	8	40
Table machine operators.....	.93	—	2	8	40
Curtains and mattresses—					
Curtain hands and operators and tick operators.....	.90¼	—	2	8	40
Finishers.....	.83½	—	2	8	40
Shade and awning workers.....	—	55.00	1½	8	44
Philadelphia, Pa.:					
Upholsterers—					
Rate A.....	—	44.00	135c.	8	40
Rate B.....	—	50.00	1.60	8	40
Finishers.....	—	22.00	2	8	44
Table workers and operators.....	—	26.40	2	8	44
Slip-cover cutters.....	—	39.60	2	8	44
Carpet sewers.....	—	26.40	2	8	44
Furniture coverers, drapery and carpet cutters.....	—	66.00	2	8	44
Drapery and curtain hangers.....	—	60.00	2	8	44
Carpet and linoleum layers.....	—	55.00	2	8	44
Sail makers.....	.84	—	1	8	48
Pittsburgh, Pa.: Carpet and linoleum mechanics.....					
St. Louis, Mo.:					
Upholsterers.....	1.00	—	1½	8	44
Carpet, upholstery and awning cutters, female.....	—	33.00	1½	8	44
Carpet, upholstery, and awning sewers, female.....	—	22.50	1½	8	44
Carpet and linoleum layers.....	—	42.00	2	8	44
Awning workers.....	.75	—	2	8	44
Awning workers in charge of truck.....	.90	—	2	8	44
San Francisco, Calif.:					
Upholsterers.....	—	\$ 27.50	—	8	44
Carpet mechanics.....	1.12½	—	1½	8	44
Seattle, Wash.: Carpet, shade, and drapery workers.....	—	\$ 42.00	1½	8	48

¹ Regular rate multiplied by number shown, or at the sum stated. ² Estimated average on piece work.

AMUSEMENTS

ACTORS

The agreements and contracts of the actors' associations do not generally provide scales of pay but provide for regulation of conditions, etc. A few of the provisions as affecting earnings follow:

Members reported for four divisions are: Actors Equity, 10,000; Chorus Equity, 5,000; Hebrew Actors Union, 348; Grand Opera Choral Alliance, 250.

ACTORS EQUITY ASSOCIATION

Performances.—Eight performances constitute a week's work. A week's compensation to be paid even if a less number than eight performances are given. A sum equal to one-eighth of the weekly compensation is paid for each performance over eight in each week.

Clothes.—If the actor be a man, he shall furnish and pay for such conventional morning, afternoon, and evening clothes as are customarily worn by civilians of the present day in this country, together with wigs and footwear necessarily appurtenant thereto. All other wigs, footwear, costumes, clothes, appurtenances, and "properties," including those peculiar to any trade, occupation, or sport, to be furnished by the manager. If the actor be a woman, all wigs, gowns, hats, footwear, and all "properties" shall be furnished by the manager.

Minimum contract covering sound or talking pictures

Hours.—Forty-eight hours' work, rendered on week days, constitute a week's work. A week's work shall be paid for even though 48 hours' work is not provided. Sunday work is obligatory only where lawful. If the actor is called to work on any day, he shall be entitled to a minimum credit of four hours even though he works a lesser number or not at all. Working hours are computed on a continuous hourly basis except that a credit of 1 hour for each meal shall be given the producer when the actor does not work during said hour or any part thereof.

Overtime.—All working time beyond 12 hours and work performed between midnight and 7 a. m. and on Sunday is overtime and is to be paid for at the rate of time and a half for each hour or fraction thereof. Sunday is not to be construed as part of the 48-hour week and the minimum payment for any Sunday work shall be 8 hours' pay. If the actor shall be required to work after midnight, the producer shall return him to his home or lodgings.

Clothes.—Same as above.

CHORUS EQUITY ASSOCIATION

Minimum rates.—\$30 per week in New York City; \$35 per week outside of New York City (road work).

Performances.—Winter stock (from Labor Day until May 30) week's work consists of not more than 10 performances. One-tenth of weekly salary to be paid for each performance over 10 in week. Summer stock (from May 30 until Labor Day) week's work consists of not more than 8 performances. One-eighth of weekly salary to be paid for each performance over 8 in week. All other contracts specify 8 performances per week, and performers to receive one-eighth of weekly compensation for all performances over 8 in one week. Sunday performances to be given only where it is lawful.

HEBREW ACTORS UNION

Term.—Engagement to continue for 36 consecutive weeks.

Performances.—Payment for services payable Saturday of each and every week for nine performances each week. Until the "Succoth Holidays" within this season it shall be optional with the manager to give and render less than nine performances each week; in no event less than five, and until such "Succoth Holidays" the actor shall receive weekly one-ninth of the salary for each per-

formance announced by the manager; in the event the manager shall announce less than five performances, the actor shall receive payment for five performances notwithstanding; after the "Succoth Holidays" the actor shall be entitled pro rata to additional salary in an amount equal to one-ninth of his weekly salary for each additional performance in excess of nine that shall or may be announced by the manager. It shall, however, be optional with the manager to pay the actor full salary from the commencement of the season, in which event the actor shall not be entitled to additional pro-rata compensation for any performances in excess of nine that the manager shall or may announce or give during said season unless herein otherwise specifically provided for. The actor shall be required to participate only in such performances on Sundays as may or can be lawfully given.

Clothes.—The actor is to furnish and pay for such morning, afternoon, and evening clothes customarily worn by civilians of the United States at the present time. All other clothes, costumes, shoes, including those peculiar to any particular trade, occupation, or sport, wigs, appurtenances, and all "props" shall be furnished by the manager.

Incapacity or illness.—If the actor is incapacitated from rendering services through physical disability or illness, he or she shall nevertheless upon immediate notice being given to the manager, whether verbal or in writing, be entitled to the compensation or salary herein provided for, for a period of four consecutive weeks; if such incapacity or illness continue for a greater period than 4 weeks, the salary or compensation of the actor shall abate and cease during such continued incapacity or illness and until such incapacity is removed or illness cured, or until the actor shall again be fit and able to resume the duties for which he or she has been engaged.

Agent reported weekly earnings average approximately \$65 per week.

GRAND OPERA CHORAL ALLIANCE

Performances.—Seven performances constitute a week's work. Extra performances to be paid for at the rate of one-seventh of the weekly wage.

Minimum wages.—Choristers are divided into three classes, the rates of pay for New York City being \$62, \$49, and \$45 per week, while the rates outside of New York City are \$90, \$66.50, and \$59.

STAGE EMPLOYEES AND MOTION-PICTURE OPERATORS

Data for stage employees and motion-picture machine operators were obtained by agents of the Bureau of Labor Statistics in those cities where a census of trade-unions was made and cover a membership of 3,596 stage employees and 3,787 motion-picture machine operators. Table 44 presents the data for stage employees and Table 45 the data for motion-picture machine operators.

TABLE 44.—*Rates of wages and hours of stage employees in specified cities*

City and class	Hours per week	Wage rate per week										
		Carpenters		Electricians		Property men		Fly men	Grip men	Lamp operator	Stage hands	Other stage em- ployees
		Head	As- sist- ant	Head	As- sist- ant	Head	As- sist- ant					
Birmingham, Ala.	48	\$70.00	\$65.00	\$65.00		\$65.00	\$55.00	\$65.00				\$65.00
Boston, Mass.: Combination	36	67.50		67.50		67.50		52.20	\$52.20	\$52.20		
Vaudeville and pic- ture	42	90.00		90.00		90.00		80.00	80.00	80.00		{ 90.00 115.00
Class A	36	65.00		65.00		65.00					\$65.00	65.00
Class B	36	65.00		60.50		60.50		54.00	54.00	{ 54.00 55.00		62.50
Stock—dramatic	36	75.00		70.00		70.00		57.50	57.50	{ 52.20 60.00		
Burlesque	42	70.00		70.00		70.00		60.00	60.00	{ 60.00 65.00		
Jewish	42	65.00		65.00		65.00		47.52	47.52	{ 47.52 55.75		
Butte, Mont.: Combination	48	54.00	54.00	54.00	\$54.00	54.00	\$54.00	54.00	1 4.00	1 5.00	1 4.00	1 4.00
Dramatic—stock	48	54.00	50.00	54.00	50.00	54.00	50.00	54.00	1 4.00	1 4.00	1 4.00	
Cleveland, Ohio	50	75.00	68.75	75.00	68.75	75.00	68.75					
Dallas, Tex.: Vaudeville	48	75.00		75.00		75.00	67.00	67.00			67.00	69.00
Presentation	48	59.50		59.50	54.00	59.50	54.00	54.00				{ 56.50 59.57
Stock	48	61.00		61.00		61.00	55.00				55.00	57.50
Denver, Colo.: Class A	56	80.00	75.00	80.00	65.00	80.00		75.00			65.00	75.00
Class B	56	62.50		62.50	47.50	62.50	47.50	40.00			57.50	52.50
Kansas City, Mo.	56	72.60	66.55	72.60	66.55	72.60	66.55	1 5.50	1 5.50	{ 1 5.50 1 6.00	1 5.50	
New Orleans, La.: Presentation	(3)	66.70	55.12	57.75	55.12	57.75	55.12					
Vaudeville	(3)	60.64		54.58		54.58		48.51	48.51		48.51	
Stock—dramatic	(3)	66.70	60.64	60.64		60.64	48.51	1 4.41	1 4.41		1 4.41	
Combination	(3)	57.36	52.09	52.09		52.09		1 4.40	1 4.40		1 4.40	
New York, N. Y.: Legitimate	48	82.50		82.50	72.50	82.50	72.50	1 6.75	1 6.75		1 6.75	65.50
Repertoire	48	95.00		95.00	85.00	95.00	85.00	1 7.50	1 7.50		1 7.50	
Vaudeville	56	70.00		70.00	62.00	70.00	62.00	62.00	62.00	65.00	62.00	
Picture	48	83.00		83.00	74.00	83.00	74.00	74.00	74.00		74.00	78.00
Burlesque— Wheel	48	72.00		72.00	66.00	72.00		66.00	66.00	66.00	61.00	
Stock	48	85.00		80.00		80.00		1 6.75	1 6.75		1 6.75	80.00
English—stock	48	82.00		76.00		76.00	72.00	1 6.75	1 6.75		1 6.75	72.00
Jewish repertoire	56	100.00	87.00	100.00	80.00	100.00	80.00	1 8.00	1 7.50	1 8.00	1 7.50	
Philadelphia, Pa.: Legitimate	48	70.00	59.00	70.00	59.00	70.00	59.00	1 7.00		1 7.00	1 6.50	1 7.00
Vaudeville	48	70.00		70.00	64.00	70.00	55.50	56.50	55.50	64.00	1 6.50	1 7.00
Stock— American	48	90.00	80.00	90.00	70.00	90.00	70.00	1 7.50	1 7.00	1 7.50	1 7.00	1 7.00
Jewish	48	95.00	85.00	95.00	75.00	95.00	75.00	1 8.00	1 7.00	1 8.00	1 7.00	1 7.00
Pittsburgh, Pa.: Combination	48	63.00	57.74	63.00	57.74	63.00	57.74	1 5.51	1 5.24	1 5.51	1 5.24	1 5.76
Vaudeville	48	63.00	63.00	63.00	63.00	63.00	63.00					
Burlesque	48	63.00	57.74	63.00	57.74	63.00	57.74	57.74	57.74	57.74	57.74	57.74
Picture— Class A	48	68.24		68.24		68.24						
Class B	48	63.00		63.00		63.00						
Stock	48	74.34	69.06	74.34	69.06	74.34	69.06					
Providence, R. I.	48	54.00		54.00	49.00	54.00			49.00			
St. Louis, Mo.: Combination	56	75.00		75.00		75.00		65.00	65.00	65.00	65.00	67.50
Legitimate	56	1 6.00		1 6.00		1 6.00		1 5.00	1 5.00	1 5.00	1 5.00	
San Francisco, Calif.	48	65.00	57.50	65.00	57.50	65.00	57.50	1 5.00	1 5.00	1 5.25	1 5.00	1 5.25
Seattle, Wash.	48	62.50		62.50		62.50		60.00	1 4.75	1 4.75	1 4.75	

1 Performance.

2 No regular hours.

TABLE 45.—*Rates of wages of motion-picture machine operators, hours, and rate for overtime in specified cities*

City	Wage rate		Hours	
	Per week	For over- time *	Per day	Per week
Baltimore, Md.:				
Class A.....	\$72.50	1½	6½	39
Class B.....	67.50	1½	6½	39
Class C.....	44.94	1½	7	42
Class D.....	51.38	1½	9	54
Birmingham, Ala.:				
De luxe and vaudeville.....	75.00	1½	6½	39
Straight sound.....	67.50	1½	6½	39
Suburban, A.....	57.50	1½	8	48
Suburban, B.....	38.50	1½	14	28
Boston, Mass.:				
Chief operators.....	125.00	\$2.00	7	49
Class A.....	95.00	\$2.00	7	49
Class B.....	85.00	\$2.00	7	49
Class C.....	80.00	\$2.00	7	49
Road shows.....	125.00	\$2.00	7	49
Butte, Mont.:				
Vaudeville, stock, combination.....	19.00	\$2.00	6	36
Suburban.....	16.00	\$1.00	6	46
Vitaphone.....	12.50	\$2.50	6	36
Chicago, Ill.:				
Rate A.....	12.50	2	64	33
Rate B.....	12.00	2	64	33
Cleveland, Ohio:				
Silent—				
Evenings and Sunday matinee—				
Under 500 seats.....	59.81		64	33
500 and under 800 seats.....	66.62		64	33
800 seats and over.....	70.25		64	33
Class A.....	75.76		6	42
Class B.....	81.18		6	42
Class C.....	84.92		6	42
Talkies—				
Evenings and Sunday matinee—				
Under 500 seats.....	65.00		64	33
500 and under 800 seats.....	75.00		64	33
800 seats and over.....	85.00		64	33
Class A, under 700 seats.....	100.00		7	49
Class B, 700 seats or over.....	100.00		6	42
Class C, vaudeville.....	110.00			
Dallas, Tex.:				
Downtown—				
Low.....	45.00	1½	6	43½
High.....	80.00	1½	6½	43½
Suburban—				
Class A.....	40.00	1½	64	34
Class B.....	35.00	1½	64	34
Class C.....	31.00	1½	64	34
Denver, Colo.:				
Class A—				
Low.....	67.00	\$1.50	6½	45½
High.....	75.00	\$3.00	6½	45½
Class B—				
Low.....	40.00	\$1.50	6	42
High.....	63.00	\$3.00	6	42
Class C—				
Low.....	47.50	\$1.50	5½	38½
High.....	55.00	\$1.50	5½	38½
Class D—				
Low.....	40.00	\$1.50	5	35
High.....	60.00	\$1.50	5	35
Class E.....	65.00	\$1.50	6	33
Class F.....	35.00	\$1.50	4	28
Class G.....	30.00	\$1.50	3	21
Jacksonville, Fla.:				
Class A.....	70.00	1½	6½	45½
Class B.....	65.00	1½	6	42
Class C.....	60.00	1½	6	42
Class D.....	55.00	1½	5	35

1½ hours on Saturday.

4 Per hour.

3 Per day.

6½ hours on Sunday.

1½ hours on Saturday and Sunday.

2 matinees of 3 hours each.

* Regular rate multiplied by number shown, or at the sum stated.

TABLE 45.—*Rates of wages of motion-picture machine operators, hours, and rate for overtime in specified cities—Continued*

City	Wage rate		Hours	
	Per week	For over- time *	Per day	Per week
Kansas City, Mo.:				
Low.....	\$42.65	1½	7 6	36
High.....	125.00	1½	7 6	36
New Orleans, La.:				
Sound, A.....	52.50	2	6	42
Sound, B.....	47.25	2	6	42
Combination.....	55.13	2	6	42
Suburban, A.....	55.25	2	4½	31½
Suburban, B.....	54.20	2	4½	31½
New York, N. Y.:				
Brooklyn—				
Low.....	64.00	1	(1)	22
High.....	85.00	1	(1)	22
Manhattan—				
Low.....	45.00	1	6	36
High.....	85.00	1	6	36
Philadelphia, Pa.:				
Night houses.....	40.00	1½	6½	30
Shift houses.....	50.00	1½	6½	30
Day and night.....	75.00	1½	7	42
Pittsburgh, Pa.:				
Night houses.....	33.25	10 \$1.50	4½	27
Night houses and Saturday matinee.....	36.00	10 \$1.50	4½	30
Shift houses.....	55.00	10 \$1.50	6	36
Vaudeville.....	58.00	10 \$1.50	6	36
North Side.....	51.25	10 \$1.50	6	36
Suburban, picture.....	47.50	10 \$1.50	6	36
Suburban, combination.....	52.25	10 \$1.50	6	36
Day and night houses.....	65.25	10 \$1.50	8	48
Vitaphone, city.....	85.00	10 \$1.50	6½	39
Vitaphone, suburban.....	65.00	10 \$1.50	5½	33
Providence, R. I.:				
Low.....	60.00	1½	6	36
High.....	80.00	1½	6	36
Assistants.....	41.00	1½	8	48
St. Louis, Mo.:				
Low.....	67.00		6	42
High.....	125.00		6	42
San Francisco, Calif.:				
Low.....	35.00	1	8	48
High.....	84.60	1	8	48
Seattle, Wash.:				
Class A.....	82.50	1½	6	36
Class B.....	80.25	1½	11 4	38
Class C.....	82.50	1½	11 4	38
Class D.....	72.50	1½	14	33
Class E.....	54.50	\$1.75	14	33
Class F.....	45.00	\$1.00	7½	45
Class G.....	44.50	\$1.75	14	33
Class H.....	37.95	\$1.75	14	33

* Per day.

† 9 hours on Sunday.

‡ Average hours.

§ Irregular hours.

• Regular rate multiplied by number shown, or at the sum stated.

† For Sunday, \$2.75 per hour.

‡ For Sunday, \$3 per hour.

§ 9 hours Saturday and Sunday.

MISCELLANEOUS THEATRICAL OCCUPATIONS

Data for miscellaneous theatrical occupations are presented below.

Theatrical wardrobe attendants:

Boston, Mass.—

Dressers, \$2.50 per 4-hour performance.
 Opera dressers, \$3 per 4-hour performance.
 Vaudeville dressers, \$20 per 36-hour week.
 4 performances a day, \$25 per week.
 Principal dressing, \$20 to \$25 per week.
 2 principals, \$25 per week.
 Sewing, \$5 per day.
 Sewing on opening day, \$1 per hour.

New York, N. Y.—

Wardrobe mistress, \$55 per week of 6 days.
 Dressers, \$2.50 per performance of 2½ to 3 hours.
 Sewers, \$5 per day of 8 hours.

Philadelphia, Pa.—

Wardrobe attendants, \$2.50 per performance of 4 hours.

Theatrical tailors and dressers:

Brooklyn, N. Y.—

First-class, male \$49 per week of 70 hours.
 Second-class, male \$44 per week of 70 hours.
 Female, \$32 per week of 70 hours.

Theatrical doorman and watchmen:

New York, N. Y., \$25 per week of 84 hours.

MUSICIANS

Data for musicians were obtained and are here presented for members of the American Federation of Musicians in those cities wherein the bureau made a census of trade-unions. The agreements show a great variety of special rates and terms for holidays or special engagements of infrequent occurrence. The great detail and length of these agreements preclude their publication in full in this bulletin. However, the data are presented in Table 46 in three groups which are believed to cover the bulk of the work performed by the members: For ordinary single engagements; for hotel season engagements; and for theater season engagements.

The ordinary single engagement, in most cities, covers or includes such engagements as ordinary parties, dances, balls, concerts, picnics, etc. The season engagements at hotels and in theaters cover those musicians that are regularly employed for a specified consecutive period of time, a contract usually being required. Rates for single engagements or engagements for less than a season are at higher rates than season engagements for like services. The locals reported 17,650 members.

TABLE 46.—*Rates of wages and hours of musicians in specified cities*

ORDINARY SINGLE ENGAGEMENTS

City	Length of engagement (hours)	Wage rate per engagement		Rate for overtime			
		Man	Leader	Per half hour or less		Per hour or less	
				Man	Leader	Man	Leader
Baltimore, Md.	3	\$6.00	\$12.00	\$1.00	\$1.00		
Birmingham, Ala.	2	5.00	7.50			\$2.00	\$2.00
Boston, Mass.:							
Rate A.	2	6.00	7.00	1.00	1.00		
Rate B.	3	7.50	8.50	1.00	1.00		
Rate C.	4	9.00	10.00	1.00	1.00		
Butte, Mont.:							
Rate A.	2	5.00	7.50	.75	(1) 1.25		
Rate B.	3	7.50	8.50	1.25	1.25		
Chicago, Ill.:							
Rate A.	3	10.00	10.00	1.00	1.00		
Rate B.	3½	8.00	8.00	1.00	1.00		
Cleveland, Ohio:							
Rate A.	1	5.00	10.00	1.00	2.00		
Rate B.	2	6.00	12.00	1.00	2.00		
Rate C.	3	7.00	14.00	1.00	2.00		
Dallas, Tex.:							
Rate A.	2	5.00	5.00	1.00	1.00		
Rate B.	3	7.00	7.00	1.00	1.00		
Denver, Colo.:							
Rate A.	3½	6.00	9.00	1.00	1.50		
Rate B.	3½	7.50	10.00	1.00	1.50		
Jacksonville, Fla.:							
Rate A.	2	5.00	8.00	1.00	1.00		
Rate B.	3	7.00	10.00	1.00	1.00		
Kansas City, Mo.:							
Rate A.	1	4.00	4.00	1.00	1.00		
Rate B.	3	7.00	7.00	1.00	1.00		
New Orleans, La.:							
Rate A.	2	3.00	4.50			1.50	2.00
Rate B.	3	3.00	4.50			1.50	2.00
Rate C.	1	2.50	5.00			1.50	3.00
New York, N. Y.:							
Day.	4	8.00	10.00				
Night.	5	10.00	13.00			2.00	2.00
Philadelphia, Pa.	3	8.00	12.00			2.00	2.00
Pittsburgh, Pa.	3	7.00	10.50	1.00	1.00		
Providence, R. I.	3	6.00	9.00	1.00	1.00		
St. Louis, Mo.:							
Rate A, day.	1	4.00	6.00	1.50	1.50		
Rate A, night.	1	5.00	7.50	1.50	1.50		
Rate B, day.	2	6.00	9.00	1.50	1.50		
Rate C, day.	3	7.50	11.25	1.50	1.50		
Rate D, day.	4	9.00	13.50	1.50	1.50		
Rate E, day.	5	6.00	9.00	1.00	1.00		
San Francisco, Calif.	3	8.00	8.00	1.00	1.00		
Seattle, Wash.:							
Rate A.	1	4.00	6.00	1.00	1.50		
Rate B.	2	6.00	9.00	1.00	1.50		
Rate C.	3	8.00	12.00	1.00	1.50		

1 One and one-half times one side man's pay.

2 Plus \$1 per man engaged.

3 Plus 50 cents per man engaged.

4 Plus 10 per cent of full amount of engagement.

TABLE 46.—Rates of wages and hours of musicians in specified cities—Continued

HOTELS—SEASON ENGAGEMENTS

City	Maximum number of—		Number of—		Wage rate per week		Rate for overtime			
	Hours per day	Sessions per day	Days per week	Hours per week	Man	Leader	Per half-hour		Per hour	
							Man	Leader	Man	Leader
Baltimore, Md.:										
Low.....	2	1	7	14	\$21.00	\$35.00	\$1.00	\$1.50	-----	-----
High.....	8	4	7	56	90.00	146.00	1.00	1.50	-----	-----
Birmingham, Ala.:										
Low.....	2	1	6	12	25.00	37.50	1.00	1.00	-----	-----
High.....	6	3	6	36	70.00	105.00	1.00	1.00	-----	-----
Boston, Mass.:										
Day—										
Low.....	2	1	6	12	18.00	21.00	1.00	1.00	-----	-----
High.....	6	2	6	36	46.00	52.00	1.00	1.00	-----	-----
Day or night—										
Low.....	2	1	6	12	20.00	23.00	1.00	1.00	-----	-----
High.....	5	1	6	30	40.00	43.00	1.00	1.00	-----	-----
Night—										
Low.....	2	1	6	12	28.00	31.00	1.00	1.00	-----	-----
High.....	5	1	6	30	48.00	51.00	1.00	1.00	-----	-----
Butte, Mont.:										
Low.....	1	1	7	7	20.00	27.50	-----	-----	-----	-----
High.....	5	2	7	35	55.00	62.50	-----	-----	-----	-----
Chicago, Ill.:										
Low.....	2	1	6	12	20.00	24.00	1.00	1.00	-----	-----
High.....	2½	1	6	21	42.00	42.00	1.00	1.00	-----	-----
Cleveland, Ohio:										
Low.....	2	1	6	12	24.00	36.00	\$ 1.50	\$ 1.50	-----	-----
High.....	6	3	7	42	70.00	105.00	\$ 1.50	\$ 1.50	-----	-----
Dallas, Tex.:										
Low.....	2	1	7	14	30.00	40.00	1.00	1.00	-----	-----
High.....	6	3	7	42	60.00	70.00	1.00	1.00	-----	-----
Denver, Colo.:										
Low.....	1	1	7	7	14.00	18.00	-----	-----	-----	-----
High.....	5½	3	7	38½	58.00	68.00	-----	-----	-----	-----
Jacksonville, Fla.:										
Low.....	2	1	7	14	30.00	40.00	-----	-----	\$2.25	\$2.50
High.....	6	2	7	42	55.00	70.00	-----	-----	2.25	2.50
New Orleans, La.:										
Low.....	2	1	7	14	25.00	37.50	1.00	1.50	-----	-----
High.....	6	3	7	42	65.00	97.50	1.00	1.50	-----	-----
Philadelphia, Pa.:										
Low.....	2	1	6	12	30.00	45.00	1.00	1.50	-----	-----
High.....	8	4	6	48	90.00	135.00	1.00	1.50	-----	-----
Pittsburgh, Pa.:										
Low.....	2	1	6	12	21.00	27.00	1.00	1.00	-----	-----
High.....	7	3	6	42	71.00	77.00	1.00	1.00	-----	-----
Providence, R. I.:										
Low.....	2	1	6	12	18.00	24.00	1.00	1.00	-----	-----
High.....	8	3	6	48	66.00	74.00	1.00	1.00	-----	-----
St. Louis, Mo.:										
Low.....	2	1	6	12	29.00	39.00	\$ 1.75	\$ 1.75	-----	-----
High.....	6	3	7	42	67.50	77.50	\$ 1.75	\$ 1.75	-----	-----
San Francisco, Calif.:										
Day—										
Low.....	2	1	6	12	23.00	\$ 23.00	-----	-----	2.00	2.00
High.....	6	3	7	42	42.50	\$ 42.50	-----	-----	1.50	1.50
Night—										
Low.....	2	1	7	14	\$ 32.50	\$ 32.50	1.00	1.00	1.50	1.50
High.....	7	2	7	49	70.00	\$ 70.00	1.00	1.00	1.50	1.50
Seattle, Wash.:										
Low.....	1	1	6	6	15.00	22.50	1.00	1.50	-----	-----
High.....	6	2	6	36	62.00	93.00	1.00	1.50	-----	-----

¹ Plus 50 cents per man per day extra for each man over 6.

² Per quarter hour.

³ Plus 10 per cent of full amount of engagement.

TABLE 46.—*Rates of wages and hours of musicians in specified cities—Continued*

THEATERS—SEASON ENGAGEMENTS

City	Number of performances	Hours		Wage rate per week		Rate for overtime			
		Per week	Per day	Side men	Leader	Per half hour		Per quarter hour	
						Side men	Leader	Side men	Leader
Baltimore, Md.:									
Low	6	18	3	\$24.00	\$36.00			\$0.50	\$0.50
High	24	24	4	66.00	93.00			.50	.50
Birmingham, Ala.:									
Low	12	13½	2¼	30.00	45.00	\$1.00	\$1.50		
High	24	27	4½	65.00	97.50	1.00	1.50		
Boston, Mass.:									
Low	9	36	6	47.00	67.00			.60	.90
High	8	36	6	80.00	100.00			.60	.90
Butte, Mont.:									
Low	10	27½	2¾	42.50	50.00	.75	.75		
High	21	36¾	5¼	60.00	75.00	.75	.75		
Chicago, Ill.:									
Low	10	30	3	70.50	89.20	1.00	1.00		
High	14	42	6	87.44	109.48	1.00	1.00		
Cleveland, Ohio:									
Low	5			43.00	65.00			.50	.50
High	14	42	6	71.00	95.00			.50	.50
Dallas, Tex.:									
Low	7	17½	2½	30.00	40.00	\$ 2.00	\$ 2.00		
High	28	42	6	75.00	95.00	\$ 2.00	\$ 2.00		
Jacksonville, Fla.:									
Low		31½	4½	30.00	45.00				
High		31½	4½	70.00	100.00				
New Orleans, La.:									
Low		22		23.10	25.60				
High	14			75.60	113.40				
Philadelphia, Pa.:									
Low	6	24	4	42.00	58.00	2.00	2.00		
High	8	32	4	100.00	150.00	2.00	2.00		
Pittsburgh, Pa.:									
Low	6	21	3½	33.00	43.00			.50	.50
High	12	36	6	74.31	107.62			.50	.50
Providence, R. I.:									
Low	10			52.00	61.00				
High	14	42	6	72.00	96.00				
St. Louis, Mo.:									
Low	7			40.00	60.00			.75	.75
High	14	42	6	90.00	105.00			.75	.75
San Francisco, Calif.:									
Low	7			49.00	74.00			.50	.75
High	14			56.00	81.00			.50	.75
Seattle, Wash.:									
Low	6	6	1	30.00	45.00	1.00	1.50		
High		33	5½	70.00	85.00	1.00	1.50		

¹ Does not include vaudeville, moving pictures, or grand opera.² Per hour.

MISCELLANEOUS MANUFACTURERS

BROOM AND WHISK MAKERS

Information covering 166 broom and whisk makers was obtained for three cities.

In Chicago the average earnings at piece rates were reported as \$7.20 to \$7.40 per day and the hours 8 per day with 4 hours on Saturday, making a full-time week of 44 hours.

In Kansas City the average earnings were reported as \$6 per day, most of the work being done on a piece-work basis. Eight hours per day and 44 hours per week is provided for. For overtime 10 cents per dozen extra is paid.

In St. Louis the pieceworkers' earnings range from 58 to 95 cents per hour, with 8 hours per day and 44 hours per week for a full-time week.

JEWELRY WORKERS

Table 47 shows the rates of wages and hours of labor for an aggregate of 2,769 organized workers on precious metals, stones, and jewelry, including gold beaters and watchmakers.

TABLE 47.—*Rates of wages, hours, and overtime rate of workers on precious metals, stones, and jewelry, including gold beaters and watchmakers, in specified cities*

City and occupation	Wage rate per week	Rate for overtime*	Hours	
			Per day	Per week
GOLD BEATERS				
Boston, Mass.....	\$39.00	1	9	49
Chicago, Ill.....	39.00	1	8	44
Piecework average.....	43.00	1	8	44
New York, N. Y.....	39.00	1	10	54
Piecework average.....	45.00	1	10	54
Philadelphia, Pa.....	40.00	1½	9	52
METAL CHASERS				
New York, N. Y.: ..				
Architectural bronze chasers.....	54.00	1½	8	44
Mold chasers.....	60.00	1½	8	44
PRECIOUS METALS, STONES, WATCHES, JEWELRY, ETC.				
Butte, Mont.: ..				
Jewelers, watchmakers, engravers, and opticians.....	36.00	1 \$1.00	8	48
Chicago, Ill.: ..				
Jewelers—				
Class A.....	1 1.00		8	44
Class B.....	1 1.25-2.00		8	44
Class C.....	1 2.00-3.25		8	44
Watchmakers—				
Grade A.....	1 55.00		8	44
Grade B.....	1 45.00		8	44
Grade C.....	35.00		8	44
New York, N. Y.: ..				
Silver workers.....	1 1.00	1½	8	44
Silversmiths.....	45.00-60.00		8	44
Spinners.....	48.00-65.00	1½	8	44
Engravers and stampers.....	44.00-50.00	1½	8	44
Polishers.....	44.00-52.00	1½	8	44
Gold workers.....	1 90	1	8	44
Platinum workers.....	1 1.25	1	8	44
Diamond setters.....	1 1.50		8	44
Watchmakers.....	35.00-65.00	1	8	44
Fountain pen and pencil workers—				
Rubber turners.....	60.00-70.00		8½	42½
Floor men.....	25.00	1½	8½	42½
Pen grinders.....	40.00-60.00		7½	41½
Floor helpers.....	35.00-40.00	1	9	49½
Philadelphia, Pa.: Jewelry workers.....	1 90-2.00	1½	8	44
Seattle, Wash.: ..				
Watch repairers.....	45.00	2	8	48
Jewelers.....	39.60	1½	8	44

1 Per hour.

1 Minimum (average \$50).

2 Minimum (average \$60).

* Regular rate multiplied by number shown, or at the sum named.

LEATHER WORKERS

Scales of wages and hours of labor for workers on leather and leather products were obtained from unions in six cities, with a total membership of 4,484. These data are given in Table 48.

TABLE 48.—*Rates of wages and hours of leather workers in specified cities and occupations*

City and occupation	Rate		Rate for overtime ¹	Hours	
	Unit	Amount		Per day	Per week
Chicago, Ill.:					
Leather case, bag makers, machine operators, etc.	Week	\$38.00	1½	8¾	48
Karator and rubber cloth case makers, stitchers, etc.	do	35.00	1½	8¾	48
Piece workers	do	\$ 47.50	1½	8¾	48
Dallas, Tex.:					
Leather workers	Hour	.60	1½	8	44
Pieceworkers	do	.70	1½	8	44
Denver, Colo.: Leather workers	do	.70	1	8	44
New York, N. Y.:					
Pocketbook workers, cutters, shear cutters, choppers, operators, pocketbook makers, framers, and parers (journeymen)—					
First class	Week	48.30	1½	8	44
Second class	do	48.15	1½	8	44
Helpers	do	31.50	1½	8	44
Philadelphia, Pa.:					
Leather workers	do	34.00-42.00	-----	9	50
Pocketbook workers (pieceworkers)—					
Cutters	do	42.00-45.00	1½	8	44
Operators	do	30.00-40.00	1½	8	44
Framers	do	25.00-75.00	1½	8	44
Pocketbook makers	do	42.00-55.00	1½	8	44
St. Louis, Mo.: Leather workers	do	33.00	1½	8¾	48

¹ Regular rate multiplied by number shown.

² Average.

³ Maximum.

MISCELLANEOUS TRADES

BARBERS

The scales of wages for members of the barbers union in a number of cities are presented in Table 49. The union membership represented in these cities is reported as being 23,030. The guaranteed rate per week and the percentage rate of participation in the total receipts per week are shown for 1930 in comparison with the same data for 1929. This occupation has been reported for the past several years in the regular union wage bulletins. It will be noted that the characteristic feature of the collective agreement in this trade is the provision for the guaranteed pay rate plus a percentage earned on any sum over a fixed amount. The hours are quite irregular.

TABLE 49.—Rates of wages and hours of barbers in specified cities

City	May 15, 1930						May 15, 1929		
	Guaranteed wage rate per full-time week	Additional compensation (per cent of gross receipts per week over basic sum)		Hours of labor			Guaranteed wage rate per full-time week	Additional compensation (per cent of gross receipts per week over basic sum)	
		Per cent	Basic sum	Monday to Friday	Saturday	Per full-time week		Per cent	Basic sum
Atlanta, Ga.:									
Rate A.....	\$20.00	70	\$30.00	10	13	63	\$20.00	70	\$30.00
Rate B.....	25.00	65	38.50	10	13	63			
Baltimore, Md.....	20.00	50	28.00	9	9	54	20.00	50	28.00
Birmingham, Ala.....	18.00	60	26.00	10	12½	62½	18.00	60	26.00
Boston, Mass.:									
Union A.....	25.00	50	32.00	10	11½	1 55½	25.00	50	32.00
Union B.....									
Rate A.....	25.00	50	33.00	10	11½	1 56½	25.00	50	33.00
Rate B.....	25.00	50	35.00	9	11	56	25.00	50	35.00
Rate C.....	25.00	50	35.00	9	11	56	25.00	50	35.00
Bridgeport, Conn.....	25.00	50	37.00	10	11½	1 59	25.00	50	37.00
Buffalo, N. Y.....	30.00	50	42.00	10	11½	1 55½	30.00	50	42.00
Butte, Mont.....	30.00	60	42.00	8½	10	52½	30.00	60	42.00
Chicago, Ill.:									
Union A.....	30.00	60	40.00	10	11½	1 56½			
Union B.....	30.00	60	42.00	10	11½	1 56½	30.00	60	42.00
Union C.....	30.00	60	42.00	10	11½	1 51½			
Evenings and Saturday.....	20.00	60	26.00	3	11½	26½	20.00	60	26.00
Cincinnati, Ohio.....	25.00	60	37.00	9½	11	1 53½	25.00	60	37.00
Cleveland, Ohio.....	30.00	60	42.00	8	10	1 46	30.00	60	42.00
Columbus, Ohio.....	25.00	65	35.00	9½	10½	58	25.00	65	35.00
Dallas, Tex.....	20.00	60	33.35	10	12	1 57	20.00	60	33.35
Dayton, Ohio.....	(¹)	(¹)	(¹)	9½	11	1 52½	(¹)	(¹)	(¹)
Denver, Colo.:									
Rate A.....	20.00	65	30.00	10	12½	62½	20.00	65	30.00
Rate B.....	20.00	65	30.00	10½	10½	1 59	20.00	65	30.00
Detroit, Mich.....	30.00	60	42.00	9½	11½	1 54	30.00	60	42.00
Erie, Pa.....	25.00	60	35.00	9	10	1 50½	25.00	60	35.00
Fall River, Mass.....	25.00	50	35.00	9½	12	1 54	25.00	50	35.00
Grand Rapids, Mich.....	25.00	50	32.00	10	12	62	25.00	50	32.00
Houston, Tex.:									
Rate A.....	30.00	65	46.15	10	14	64	30.00	65	46.15
Rate B.....	30.00	60	46.15	10	14	64			
Indianapolis, Ind.....	25.00	65	38.50	10	13	1 58	25.00	65	38.50
Jacksonville, Fla.....	25.00	60	40.00	10	13	63	(¹)	(¹)	(¹)
Kansas City, Mo.:									
Rate A.....	20.00	70	30.00	10½	13½	1 61	20.00	70	30.00
Rate B.....	25.00	65	38.50	10½	13½	1 61	25.00	65	38.50
Rate C.....	30.00	60	50.00	10½	13½	1 61	30.00	60	50.00
Little Rock, Ark.....	25.00	65	35.00	9½	11½	59	25.00	65	38.50
Los Angeles, Calif.....	25.00	60	35.00	10	12	62	25.00	60	35.00
Louisville, Ky.....	20.00	60	33.33	10	11½	1 56½	20.00	60	33.33
Madison, Wis.....	25.00	65	38.00	10 9½	12½	1 57½	(¹)	(¹)	(¹)
Manchester, N. H.:									
Rate A.....	20.00	100	27.00	11 10	12	54½	20.00	100	27.00
Rate B.....	20.00	50	32.00	11 10	12	52½	20.00	50	32.00
Rate C.....	20.00	100	27.00	11 10	12	52½	20.00	100	27.00
Rate D.....	20.00	50	32.00	11 10	12	52½	20.00	50	32.00
Memphis, Tenn.....	25.00	60	35.00	9½	12½	60	25.00	60	35.00
Milwaukee, Wis.....	25.00	60	35.00	9½	11½	55	25.00	60	35.00
Minneapolis, Minn.....	25.00	60	38.00	9½	12	59½	25.00	60	38.00

¹ Off at 12 noon 1 day each week.² Off ¼ day each week.³ Off ¼ day each week.⁴ Off 1 day each week.⁵ No guaranteed rate; paid 65 per cent of gross receipts.⁶ Off 4 hours each week.⁷ Off 5 hours each week.⁸ Off 1 day every 2 weeks.⁹ No guaranteed rate; paid 60 per cent of gross receipts.¹⁰ 11½ hours Friday.¹¹ 4½ hours Monday and 8 hours Thursday.¹² 4½ hours Monday and 8 hours Wednesday and Friday.

TABLE 49.—Rates of wages and hours of barbers in specified cities—Continued

City	May 15, 1930						May 15, 1929		
	Guaranteed wage rate per full-time week	Additional compensation (per cent of gross receipts per week over basic sum)		Hours of labor			Guaranteed wage rate per full-time week	Additional compensation (per cent of gross receipts per week over basic sum)	
		Per cent	Basic sum	Monday to Friday	Saturday	Per full-time week		Per cent	Basic sum
Muskegon, Mich.....	(¹)	(¹)	(¹)	¹¹ 9½	¹¹ ½	⁵³ ½	(¹)	(¹)	(¹)
Nashville, Tenn.....	\$20.00	65	\$30.00	9	¹² ½	¹ 55	\$20.00	65	\$30.00
New Haven, Conn.....	27.00	50	37.00	⁹ ½	¹¹ ½	⁵⁴ ½	27.00	50	37.00
New Orleans, La.....	(¹)	(¹)	(¹)	11	¹⁴ ½	⁶⁰ ½	(¹)	(¹)	(¹)
New York, N. Y.:.....									
Rate A.....	25.00	50	40.00	⁹ ½	⁹ ½	50	25.00	50	40.00
Rate B.....	30.00	50	45.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	30.00	50	45.00
Rate C.....	33.00	50	47.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	33.00	50	47.00
Rate D.....	35.00	50	50.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	35.00	50	50.00
Rate E.....	35.00	45	50.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	35.00	45	50.00
Rate F.....	37.00	50	52.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	37.00	50	52.00
Rate G.....	40.00	50	55.00	¹⁰ ½	¹¹ ½	⁵⁶ ½	40.00	50	55.00
Norfolk, Va.....	25.00	60	40.00	⁹ ½	¹¹ ½	50	25.00	60	40.00
Omaha, Nebr.....	20.00	60	33.33	10	12	¹ 57	20.00	60	33.33
Peoria, Ill.....	26.00	65	40.00	9	¹¹ ½	⁵⁶ ½	26.00	65	40.00
Philadelphia, Pa.....	30.00	50	40.00	¹¹ 10½	¹¹ ½	55	30.00	50	40.00
Pittsburgh, Pa.....	25.00	60	36.00	⁸ ½	¹¹ ½	54	25.00	60	36.00
Portland, Me.....	20.00	50	28.00	10	13	63	20.00	50	28.00
Portland, Oreg.....	28.00	60	41.00	⁸ ½	11	⁵³ ½	28.00	60	41.00
Providence, R. I.:.....									
Rate A.....	25.00	50	35.00	10	11	61	25.00	50	35.00
Rate B.....	25.00	50	35.00	10	¹¹ ½	¹ 56½	25.00	50	35.00
Reading, Pa.....	22.00	50	31.00	¹⁰ ½	¹¹ ½	¹ 53½	22.00	50	31.00
Rochester, N. Y.....	30.00	50	40.00	10	11	¹ 55	30.00	50	40.00
Rock Island (Ill.) district:									
Davenport, Iowa.....	20.00	60	30.00	⁹ ½	¹¹ ½	¹ 53½	18.00	60	26.00
Moline and Rock Island, Ill.....	20.00	60	28.00	9	¹¹ ½	¹ 52½	20.00	60	28.00
Saginaw, Mich.....	22.00	60	32.00	9	¹¹ ½	⁵⁶ ½	22.00	60	32.00
St. Louis, Mo.:.....									
Downtown.....	25.00	65	35.00	⁹ ½	11	¹ 54½	25.00	65	35.00
Suburban.....	25.00	65	35.00	⁹ ½	¹⁰ ½	¹ 54	25.00	65	35.00
St. Paul, Minn.....	25.00	50	35.00	10	¹⁰ ½	⁶⁰ ½	25.00	50	35.00
Salt Lake City, Utah.....	23.00	60	35.00	9	10	55	23.00	60	35.00
San Francisco, Calif.....	30.00	60	42.00	⁸ ½	¹⁰ ½	53	30.00	60	42.00
Scranton, Pa.....	30.00	50	40.00	⁹ ½	12	⁵⁹ ½	30.00	50	40.00
Seattle, Wash.....	27.00	60	40.00	8	10	50	27.00	60	40.00
Spokane, Wash.....	26.00	60	40.00	9	¹² ½	⁵⁷ ½	26.00	60	40.00
Springfield, Mass.....	25.00	50	35.00	⁹ ½	¹¹ ½	¹ 53½	25.00	50	35.00
Toledo, Ohio.....	30.00	60	42.00	⁹ ½	¹¹ ½	¹ 52½	30.00	60	42.00
Washington, D. C.....	25.00	60	35.00	¹⁰ ½	¹³ ½	¹⁰ 66	25.00	60	35.00
Wichita, Kans.....	(¹)	(¹)	(¹)	10	12	62	(¹)	(¹)	(¹)
Worcester, Mass.....	22.00	50	35.00	⁹ ½	¹¹ ½	¹ 53½	22.00	50	35.00
York, Pa.....	22.00	50	30.00	¹¹ ½	¹¹ ½	69	22.00	50	30.00
Youngstown, Ohio.....	29.00	65	45.00	⁸ ½	¹⁰ ½	54	29.00	65	45.00

¹ Off at 12 noon 1 day each week.² Off ½ day each week.³ Off 1 day each week.⁴ No guaranteed rate; paid 65 per cent of gross receipts.⁵ Off 4 hours each week.⁶ Off 5 hours each week.⁷ Off 1 day every 2 weeks.⁸ No guaranteed rate; paid 60 per cent of gross receipts.⁹ 4 hours Wednesday.¹⁰ 1½ days every 2 weeks.¹¹ 4½ hours Monday.¹² 12½ hours on Saturday June to September, inclusive.

BILL POSTERS AND CIRCULAR DISTRIBUTORS

In Table 50 are shown the rates of wages, the hours per day and full-time week, and the rate for overtime of commercial and theatrical bill posters, circular distributors, route men, and agents in 12 cities. The total membership covered is 1,429.

TABLE 50.—*Rates of wages, hours per day and week, and overtime rates for bill posters and circular distributors*

City and occupation	Wage rate per week	Rate for over-time ¹	Hours	
			Per day	Per week
Boston, Mass.:				
Billers (distributors).....	\$40.00	1½	8	44
Bill posters (drivers).....	44.00	1½	8	44
Bill posters (drivers' helpers).....	40.00	1½	8	44
Chicago, Ill.:				
Circular distributors.....	\$ 2.50	1½	8	48
Route men.....	\$ 2.75	1½	8	48
Foremen.....	\$ 4.00	1½	8	48
Cleveland, Ohio: Bill posters.....	\$ 1.15	1½	8	44
Denver, Colo.:				
Bill posters, theater.....	35.00	1½	8	48
Do.....	\$ 3.00	1½	8	48
Wagon foremen.....	35.00	1½	8	48
Wagon foremen's helpers.....	33.00	1½	8	48
Jacksonville, Fla.:				
Bill posters and billers—				
First men.....	32.50	1½	8	44
Second men.....	30.00	1½	8	44
Kansas City, Mo.:				
Bill posters and billers—				
Men in charge.....	50.00	1	8	44
Second men.....	45.00	1	8	44
New York, N. Y.:				
Bill posters.....	45.00	2	8	44
Usher and bill posters.....	31.50		(⁴)	52
New Orleans, La.:				
Bill posters.....	\$ 6.40	1½	8	44
Bill posters, theatrical.....	44.40		8	44
Philadelphia, Pa.:				
Bill posters, card tackers, helpers, lithographers.....	45.00	1½	8	44
Route men and agents.....	50.00	1½	8	44
Pittsburgh, Pa.:				
Bill posters and billers—				
Wagon foremen.....	45.00	1½	8	44
Helpers.....	42.00	1½	8	44
San Francisco, Calif.: Bill posters.....	\$ 8.00	1½	8	44
Seattle, Wash.:				
Bill posters.....	\$ 1.00	1½	8	44
Theater advertising.....	50.00		8	48

¹ Regular rate multiplied by number shown.

² Per day.

³ Per hour.

⁴ Work 12 hours on Monday and Tuesday, of which 8 hours is bill posting; Wednesday, Thursday, and Friday, 4 hours; Saturday and Sunday, 8 hours.

BUILDING-SERVICE WORKERS

JANITORS

Data were obtained in Chicago, Ill., San Francisco, Calif., and Seattle, Wash., for 14,271 organized janitors, etc.

Wages and hours of labor for building-service employees vary according to the different types and classes of buildings. In addition to wages the superintendents and janitors in apartment houses must be given living quarters, or extra pay if such quarters are not furnished.

TABLE 51.—Rates of wages and hours of union janitors, etc., in specified cities

City and occupation	Rate of wages		Hours	
	Unit	Amount	Per day	Per week
Chicago, Ill.:				
Barber-shop porters.....	Week.....	1 \$5. 00	10	55
Janitors, flat, according to size, type, and returns.....	Month.....	60. 00-600. 00	12-17½	
Dwellings (flats).....	(?).....	1. 00	(?)	(?)
Reduction workers.....	Day.....	8. 00	8	48
Theaters:				
Janitors—				
Rate A.....	Week.....	30. 00	8	56
Rate B.....	do.....	45. 00	8	56
Rate C.....	do.....	65. 00	8	56
Ticket sellers.....	Day.....	6. 00	4	28
Ticket takers.....	do.....	5. 00	4	28
Ushers.....	do.....	4. 00	4	28
San Francisco, Calif.:				
Janitors:				
Halls, etc.....	do.....	5. 00	8	48
Theater.....	do.....	6. 00	8	48
Seattle, Wash.:				
Janitors.....	do.....	5. 00	8	48
Part time.....	Hour.....	. 85		

¹ Plus tips and money for shoe shines.
² \$1 on every \$15 income per month.

³ Not specified.
⁴ Estimated.

WINDOW CLEANERS

Rates of wages and hours of labor for organized building-service employees doing window cleaning in four cities are presented in Table 52. The number of members included are 1,202.

TABLE 52.—Rates of wages and hours of window cleaners in specified cities

City and occupation	Rate of wages		Rate for overtime ¹	Hours	
	Unit	Amount		Per day	Per week
Chicago, Ill.:	Hour.....	\$1. 25	1½	8	44
Kansas City, Mo.:	do.....	. 60	1	8	48
New York, N. Y.:	Week.....	48. 00	2	8	44
San Francisco, Calif.:	Day.....	6. 50	1½	8	46
Seattle, Wash.:					
Class A.....	Hour.....	. 75	1½	8	48
Class B.....	do.....	. 62½	1½	8	48
Swinging-stage work.....	do.....	1. 00	1½	8	48

¹ Regular rate multiplied by number shown. ² 4 hours on Saturday. ³ 6 hours on Saturday.

ELEVATOR OPERATORS AND STARTERS

Effective organizations of this group of workers, with an aggregate membership of 9,420, were found in Chicago, Philadelphia, and San Francisco. Their agreements provide generally that when uniforms are to be worn they must be furnished by the employer.

TABLE 53.—Rates of wages and hours of elevator operators and starters in specified cities

City and occupation	Rate of wages		Rate for overtime ¹	Hours	
	Per month	Per week		Per day	Per week
Chicago, Ill.:					
Operators—					
Class A.....	\$145. 00		1½	8½	51
Class B.....	137. 50		1½	8½	51
Philadelphia, Pa.:					
Starters.....		\$30. 00-\$45. 00	50c.	9	54
Operators.....		25. 00	50c.	9	54
San Francisco, Calif.:					
Starters.....	140. 00		1	9	54
Operators.....	125. 00		1	9	54

¹ Regular rate multiplied by number shown, or at the sum stated.

STORE CLERKS

Rates of wages per week, hours per day and full-time week, and rates for overtime of 3,611 retail and wholesale clerks reported from seven cities, are shown in Table 54.

TABLE 54.—*Rates of wages, hours of labor, and overtime rate for retail and wholesale clerks*

City and occupation	Wage rate per week	Rate for overtime ¹	Hours	
			Per day	Per week
Butte, Mont.:				
Retail—				
Clerks, foodstuffs—				
Males.....	\$31.65	70c.	9	54
Females.....	20.00	50c.	8	48
Clerks, textile houses—				
Males.....	28.75	70c.	8	48
Females.....	20.00	50c.	8	48
Fitters, females.....	25.00	50c.	8	48
Clerks, soda dispensers, cashiers, etc.....	20.00	50c.	8	48
Gas station employees—				
Rate A.....	33.60	70c.	8	56
Rate B.....	37.80	70c.	9	63
Wholesale houses.....	31.65	70c.	² 9	51
Chicago, Ill.:				
Retail—				
Grocery—				
First year.....	20.00		9	54
Second year.....	25.00		9	54
After 2 years.....	40.00		9	54
Miscellaneous—				
Males—				
Rate A.....	45.00	1½	9	54
Rate B.....	40.00	1½	9	54
Females—				
Rate A.....	30.00	1½	9	54
Rate B.....	20.00	1½	9	54
Dallas, Tex.:				
Retail—				
Commercial—males.....	25.00		³ 10	62
Grocery.....	20.00-40.00	1	⁴ 11	68
New York, N. Y.:				
Retail—				
Dress goods.....	35.00-60.00		10	60
Dairy, grocery, and fruit.....	41.00	2	⁵ 9	57
Providence, R. I.:				
Retail—				
Males.....	⁶ 25.00	1½	8	48
Females.....	9.00-25.00	1½	8	48
San Francisco, Calif.:				
Retail grocery, etc.—				
Males.....	⁷ 30.00-36.00	1½	9	54
Females.....	⁷ 18.00-25.00		8	48
Shoe salesmen.....	40.00	75c.	8	48
Seattle, Wash.	35.00		8	48

¹ Regular rate multiplied by number shown, or at the sum stated.

² 6 hours on Saturday.

³ 12 hours on Saturday.

⁴ 13 hours on Saturday.

⁵ 12 hours on Thursday.

⁶ Some get commission in addition.

⁷ Minimum.

OFFICE WORKERS

Rates of wages per week, hours per day and per week, and overtime rates are shown in the following table for stenographers, typists, bookkeepers, assistants, clerks, and accountants for four cities:

TABLE 55.—Rates of wages per week, full-time hours, and overtime rates for office workers

City and occupation	Wage rate per week	Rate for over time ¹	Hours	
			Per day	Per week
Boston, Mass.:				
Telephone offices—				
Class A.....	\$21.00	1	7½	41
Class B.....	24.00	1	7½	41
Class C.....	26.00	1	7½	41
Class D.....	28.00	1	7½	41
Class E.....	30.00	1	7½	41
Class F.....	33.00	1	7½	41
Class G.....	34.50	1	7½	41
Class H.....	36.00	1	7½	41
Line assigners—				
Class A.....	40.00	1	7½	41
Class B.....	43.50	1	7½	41
Cut over.....	46.00	1	7½	41
Chicago, Ill.: Dairy clerks.....	39.00	1½	8	48
Kansas City, Mo.:				
Stenographers—				
Class A.....	30.00	2	8	44½
Class B.....	32.50	2	8	44½
Class C.....	35.00	2	8	44½
Class D.....	160.00	2	8	44½
Bookkeepers—				
Class A.....	35.00	2	8	44½
Class B.....	42.50	2	8	44½
Class C.....	175.00	2	8	44½
Class D.....	200.00	2	8	44½
Assistant.....	28.00	2	8	44½
Stenographer-bookkeepers.....	37.50	2	8	44½
Typists.....	25.00	2	8	44½
Clerks—				
Rate A.....	22.00	2	8	44½
Rate B.....	23.00	2	8	44½
Supply.....	27.00	2	8	44½
Chief file.....	26.00	2	8	44½
New York, N. Y.: Stenographers, bookkeepers, accountants, office clerks.....	21.00—45.00	1½	7	39
Philadelphia, Pa.: Bookkeepers, stenographers, typists, and assistants.....	20.00—35.00	1½	8	44
Seattle, Wash.:				
Clerks—				
Under 1 year.....	20.00	1½	8	44
Over 1 year.....	25.00	1½	8	44
Typists, comptometer and mimeograph operators.....	27.50	1½	8	44
Stenographers.....	30.00	1½	8	44
Stenographer-bookkeepers, cashier-bookkeepers.....	35.00	1½	8	44
Accountants, male.....	50.00	1½	8	44

¹ Regular rate multiplied by number shown.

² Per month.

COMMERCIAL TELEGRAPHERS

In the five cities shown in Table 56 were found union locals with a total membership of 1,370 commercial telegraphers, employed mainly in brokerage offices. Rates of wages, rate paid for overtime, and the hours per day and full-time week are presented.

TABLE 56.—Rates of wages and hours of labor per week and overtime rates for commercial telegraphers

City and occupation	Wage rate per week	Rate for over-time ¹	Hours	
			Per day	Per week
Boston, Mass.: Brokers' office.....	\$60. 00	1	² 7	39
Chicago, Ill.				
Morse—				
Night men.....	59. 75	150c.	7 ³ / ₄	43
Night men—relay.....	66. 25	160c.	7 ³ / ₄	43
Printer operators—				
Day.....	42. 50	105c.	7 ³ / ₄	43
Night.....	45. 00	115c.	7 ³ / ₄	43
Kansas City, Mo.:—Commercial.....	50. 00	1	³ 7	⁴ 41
New York, N. Y.: Brokers.....	⁵ 65. 00–110. 00	—	(⁶) 7	(⁶)
San Francisco, Calif.: Brokers.....	⁷ 250. 00–280. 00	125c.	⁸ 7	38 ¹ / ₂

¹ Regular rate multiplied by number shown, or at the sum stated.² Average, \$75.³ 4 hours on Saturday.⁴ No fixed hours.⁵ 6 hours on Saturday.⁶ Per month.⁷ Average.⁸ 3³/₄ hours on Saturday.**TELEPHONE WORKERS**

Union rates of wages and hours of labor of telephone workers in Boston, Mass., and Butte, Mont., are presented in Table 57.

TABLE 57.—Rates of wages and hours per day and week, and overtime rates in the telephone industry

City and occupation	Wage rate per week	Rate for over-time ¹	Hours	
			Per day	Per week
Boston, Mass:				
Linemen, unrated.....	\$21. 00–\$38. 00	1 ¹ / ₂	² 8	44
Wiremen.....	43. 50	1 ¹ / ₂	² 8	44
Conduit workers.....	33. 00	1 ¹ / ₂	² 8	44
Conduit inspectors.....	34. 50	1 ¹ / ₂	² 8	44
Repairmen—				
Class A.....	43. 00	1 ¹ / ₂	² 8	44
Class B.....	43. 50	1 ¹ / ₂	² 8	44
Central office installers—				
Class A.....	43. 00	1 ¹ / ₂	² 8	44
Class B.....	43. 50	1 ¹ / ₂	² 8	44
Substation installers—				
Class A.....	43. 00	1 ¹ / ₂	² 8	44
Class B.....	43. 50	1 ¹ / ₂	² 8	44
Test men and switch men.....	52. 00	1 ¹ / ₂	² 8	44
Combination installers.....	43. 30	1 ¹ / ₂	² 8	44
Butte, Mont.:				
Supervisors, exchanges.....	59. 88	1 ¹ / ₂	8	48
Supervisors and clerks—				
Rate A.....	24. 00	1 ¹ / ₂	8	48
Rate B.....	26. 00	1 ¹ / ₂	8	48
Supervisors, toll.....	27. 00	1 ¹ / ₂	8	48
Operators, local—				
Rate A.....	19. 50	1 ¹ / ₂	8	48
Rate B.....	23. 00	1 ¹ / ₂	8	48
Operators, toll.....	24. 00	1 ¹ / ₂	8	48

¹ Regular rate multiplied by number shown.² 4 hours on Saturday.

ELECTRICAL WORKERS

Rates of wages and hours of labor for construction and maintenance workers in various electrical endeavor are to be found in Table 58.

TABLE 58.—Rates of wages and hours, with overtime rates, for electrical workers

City and occupation	Wage rate		Rate for overtime ¹	Hours	
	Per hour	Per month		Per day	Per week
Chicago, Ill.:					
Inside wiremen's helpers.....	\$1.12½	—	2	8	44
Engineers.....	—	\$235.00	2	8	44
Operators.....	—	225.00	2	8	44
Lead dispatchers.....	—	300.00	2	8	44
Cable splicers' and linemen's helpers.....	\$ 9.00	—	2	8	44
Elevator wiremen.....	1.05	—	2	8	44
Foremen.....	1.30	—	2	8	44
Switchboard and panel workers.....	1.25	—	2	8	44
Foremen.....	1.50	—	2	8	44
Automatic switchboard electricians and maintenance.....	\$.92	—	1½	8	44
Telephone electricians.....	\$.70	—	1½	8	44
Miscellaneous electrical workers.....	\$.47	—	1½	8	44
Winding coils, condensers, wiring switches, etc., female.....	\$.44	—	1½	8	44
General electrical workers, female.....	\$.40	—	1½	8	44
Kansas City, Mo.: Shop and maintenance men.....	1.00	—	2	8	44
New York, N. Y.:					
Fixture men, shops.....	1.12½	—	2	8	40
Building maintenance and motor repair.....	1.00	—	2	8	40
Inside wiremen's helpers.....	1.10	—	2	8	40
St. Louis, Mo.:					
Radio operators.....	—	\$ 75.00	2	8	48
Amplifier men.....	—	\$ 60.00	2	8	48

¹ Regular rate multiplied by number shown.² Per day.³ Plus bonus.⁴ Per week.

COMPRESSED-AIR WORKERS

The following table gives the unit of pay, rates of wages, hours per week, and overtime rate for compressed-air workers in New York, N. Y., and Philadelphia, Pa.

TABLE 59.—Rates of wages and hours, with overtime rates, for compressed-air workers

City and occupation	Wage rate		Hours		Rate for—	
	Unit	Amount	Per day	Per week	Overtime	Sunday and holidays
New York, N. Y.:						
Building trades—						
Rock blasters, cellar excavating.....	Day.....	\$14.30	8	40	Regular rate multiplied by— 2	2
Rock blasters, subway and deep-water tunnels.....	Week.....	81.00	8	48	2	2
Rockmen.....	Day.....	9.07	8	40	1½	2
Tunnel work—						
Muckers, gauge tenders, grout men.....	do.....	10.00	7½	45	—	2
Assistant foremen and grout foremen.....	do.....	11.50	7½	45	—	2
Blasters and heading foremen.....	do.....	12.00	7½	45	—	2

TABLE 59.—*Rates of wages and hours, with overtime rates, for compressed-air workers—Continued*

City and occupation	Wage rate		Hours		Rate for—	
	Unit	Amount	Per day	Per week	Overtime	Sunday and holidays
New York, N. Y.—Continued.						
Caisson work—					<i>Regular rate multiplied by—</i>	
Foremen.....	Day.....	\$13.00	7 1/2	45	-----	2
Look tenders, outside men.....	do.....	12.00	7 1/2	45	-----	2
Helpers, gauge tenders.....	do.....	11.00	7 1/2	45	-----	2
Blasters.....	do.....	12.50	7 1/2	45	-----	2
Rock work—						
Drillers.....	Week.....	55.00	7 1/2	45	-----	2
Blasters.....	do.....	71.50	7 1/2	45	-----	2
Fitters and helpers.....	do.....	45.50	7 1/2	45	-----	2
Rock tunnels—						
Drillers.....	do.....	58.50	7 1/2	45	-----	2
Blasters.....	do.....	81.00	7 1/2	45	-----	2
Muckers.....	do.....	39.00	7 1/2	45	-----	2
Philadelphia, Pa.:						
Caisson and cylinder, open-air work—						
Bottom men.....	Hour.....	.85	7 1/2	45	1 1/2	2
Top men.....	do.....	.65	7 1/2	45	1 1/2	2
Drill runners.....	do.....	.85	7 1/2	45	1 1/2	2
Blasters.....	do.....	1.00	7 1/2	45	1 1/2	2
Foremen.....	do.....	1.12 1/2	7 1/2	45	1 1/2	2
Caisson and cylinder, under pressure—						
Sinking foremen.....	Month.....	400.00	7 1/2	45	1 1/2	2
Caisson sinkers.....	Day.....	12.00	7 1/2	45	1 1/2	2
Look tenders.....	do.....	12.00	7 1/2	45	1 1/2	2
Gauge tenders and helpers.....	do.....	11.00	7 1/2	45	1 1/2	2
Gauge foremen.....	do.....	13.00	7 1/2	45	1 1/2	2
Tunnel workers—						
Foremen.....	Hour.....	1.12 1/2	7 1/2	45	1 1/2	2
Timber men.....	do.....	.90	7 1/2	45	1 1/2	2
Helpers.....	do.....	.70	7 1/2	45	1 1/2	2
Muckers.....	do.....	.60	7 1/2	45	1 1/2	2
Drill runners.....	do.....	.85	7 1/2	45	1 1/2	2
Track men.....	do.....	.60	7 1/2	45	1 1/2	2
Blasters.....	do.....	1.00	7 1/2	45	1 1/2	2
Dinky runners.....	do.....	.70	7 1/2	45	1 1/2	2
Subway and tunnel—						
Pressure superintendents.....	Month.....	500.00	7 1/2	45	1 1/2	2
Walking bosses.....	do.....	400.00	7 1/2	45	1 1/2	2
Miners and look tenders.....	Day.....	10.00	7 1/2	45	1 1/2	2
Helpers.....	do.....	9.00	7 1/2	45	1 1/2	2
Muckers.....	do.....	8.50	7 1/2	45	1 1/2	2
Foremen, heading.....	do.....	11.00	7 1/2	45	1 1/2	2

PAVING WORKERS

The table following gives the union rates of wages, hours of labor, and overtime rates for various workers employed in street paving for six cities.

TABLE 60.—*Rates of wages and hours per week, and overtime rates, for pavers and allied occupations*

City and occupation	Rate of wages		Rate for overtime ¹	Hours	
	Unit	Amount		Per day	Per week
Chicago, Ill.:					
Engineers—					
Rate A	Day	\$13.56	1½	8	48
Rate B	do	11.00	1½	8	48
Rate C	do	12.00	1½	8	48
Engineers' helpers	do	7.00	1½	8	48
Firemen, paving machinery	do	8.40	1½	8	48
Cement workers, paving laborers	Hour	.97½	1½	8	44
Cement workers, roads, streets, and side-walks	do	.97½	1½	8	44
Cleveland, Ohio:					
Pavers, stone blocks	do	1.37½	1½	8	44
New York, N. Y.:					
Pavers	do	1.50	2	8	44
Rammers	do	1.25	2	8	44
Asphalt workers	Day	7.35	2	8	48
Rakers	do	8.40	2	8	48
Smoothers and top shovelers	do	7.87½	2	8	48
Tampers	do	8.14	2	8	48
Philadelphia, Pa.:					
Pavers	Hour	1.62½	1½	8	44
Rammers	do	1.00	1½	8	44
Providence, R.I.					
Pavers and rammers—					
Rate A	do	.52	1½	9	50
Rate B	do	.58	1½	9	50
Rate C	do	.62	1½	9	50
Seattle, Wash.:					
Engineers	Day	11.25	1	8	48
Paving labor	do	5.00-10.00	1	8	48

¹ Regular rate multiplied by number shown.

SCALE MEN AND WEIGHERS

Scale men and weighers in New Orleans and New York reported piece rates or rate per day as follows:

In New Orleans all work is done at piece rates, with no reported average earnings. The rates quoted are for a crew of four men, each member of the crew to receive one-fourth share of the crew's earnings.

	Per 100 units
Sugar in sacks at railway depots and steamboat landings (300-pound bags)	\$1.25
Raw sugar in pockets not exceeding 130 pounds	.65
Philippine sugar in pockets not exceeding 130 pounds	.65
Hawaiian sugar in pockets not exceeding 150 pounds	.80
Java, mats of 100 to 150 pounds	.75
All sugar in bags not exceeding 265 pounds	1.00
Sugar in boxes	1.25
Rice in sacks	.80
Sugar in hogsheads	3.30
Sisal (sea grass) in bales weighed on platform scales	2.00
Sisal (sea grass) in bales weighed on beam scales	2.50

The rates in New York were reported to be as follows:

Weighers (44 hours per full-time week)	per day	\$11.00
Scale men:		
Hides	per hour	1.10
Pig tin	do	1.20
Nitrate of soda	do	1.10

¹ Minimum per hour; piece rate, \$1.30 per 100 bags and 12 cents per bag for rebagging.

SCENIC ARTISTS

Organized scenic artists of New York employed by theaters and motion-picture studios have agreements providing for a 40-hour week, with double time for overtime, and minimum wages as follows:

Artists.....	per hour..	\$2. 25
Charge men.....	per day..	25. 00
Art directors.....	per month..	250. 00

In Chicago rates were reported as follows:

Scenic artists.....	per hour..	\$2. 25
Scenic artists' assistants.....	do.....	1. 50

MOTION-PICTURE PHOTOGRAPHERS

Rates of wages for motion-picture photographers in New York for a 48-hour week are as follows:

	Per week
First cameramen.....	\$250
Second cameramen.....	150
Assistant cameramen.....	60
Process men.....	150
News-reel operators.....	115

MOTION-PICTURE STUDIO MECHANICS

A local union of motion-picture studio mechanics in New York reported wages as follows:

Electrical and property departments.....	per day..	\$10-\$14
Grips department.....	do.....	10- 12
Sound recorders.....	per week..	75

Full-time hours per week are 44, with double time paid for overtime.

BADGE AND LODGE PARAPHERNALIA

Badge and lodge paraphernalia workers were reported in Philadelphia as working a 46-hour full-time week except during July and August, when the hours were 42½. The earnings per week ranged from \$15 to \$75.

In St. Louis the full-time week consisted of 48 hours, and the earnings for females ranged from \$10 to \$20 per week, and for males from \$10 to \$24 per week.

In New York a union of badge and emblem makers provided for a rate of \$35 per week of 44 hours, with time and one-half for overtime.

EMBALMERS

A local of embalmers in San Francisco reported a minimum wage rate of \$200 per month. The hours of labor are not provided for by agreement.

LABORATORY WORKERS

Organized scientific laboratory workers in Chicago reported earnings from \$1,800 to \$4,800 per year, with an average of \$2,800 per year, for males, and from \$1,800 to \$3,000 per year, with an average of

\$2,500 per year, for females. The hours worked are 7 per day except Saturday, when 3 hours are worked, making a total of 38 hours per week.

NEWSPAPER CARRIERS

Local unions of newspaper carriers were reported in Philadelphia, St. Louis, and Seattle, the union activity being confined to regulations as to conduct of corners and dealings with each other. No regular hours are established, and papers are sold on a commission basis of 35 to 50 per cent.

PHARMACISTS

The minimum wage scale for registered pharmacists in Butte, Mont., was reported to be \$42.50 per week. Assistant pharmacists after six months' experience receive \$31.50 per week. The hours per full-time week are 58½ hours, with a rate for overtime of time and one-half.

In Chicago, Ill., the minimum wage rate for registered pharmacists is \$1 per hour; for relief clerks and managers, \$1.10 per hour; and for assistant registered pharmacists, 75 cents per hour. The hours of labor are not stipulated in the agreement, however, the majority work 9 hours per day and 6 days per week.

In San Francisco organized pharmacists reported a minimum wage rate of \$200 per month and a full-time week of 54 hours. Assistant pharmacists' wages ranged up to \$165 per month.

SHIRT IRONERS

A local union of shirt ironers in New York City reported that the members work on a piece-rate basis, earning an average of \$48 during a full-time working week of 54 hours.

TURKISH AND RUSSIAN BATH ATTENDANTS

Masseurs in Turkish baths in New York City were reported to work 54 hours per week with a guaranteed wage of \$60 per month, although the average earnings were \$50 per week. The masseuses worked about 50 hours per week and received an average of \$45 per week.

Workers in Russian baths, although organized, do not stipulate as to hours or wages. Earnings are obtained through tips and range from \$25 to \$50 per week, with an average of \$30. The hours range from 54 to 96 hours per week, with an average of 65 hours.

BUS ATTENDANTS

A local union in Chicago composed of bus attendants who attend to crippled and delicate school children reports that members work 7 hours per day for five days, making a 35-hour week, and earning \$145 per month. Other members work 4 hours per day for 5 days, making a 20-hour week, and receive \$110 per month.

MISCELLANEOUS GROUP

Table 61 shows a group of miscellaneous trades not otherwise listed. Many of these trades have organizations in only one city where conditions prevail which keep this particular occupation functioning. These trades are given as having considerable interest

even though there is little organization. There are also included various building trades which could not be included in the general tabulation in Part 1.

TABLE 61.—*Rates of wages, hours, and rate for overtime in miscellaneous occupations in specified cities*

City and occupation	Rate of wages		Hours per full-time week	Rate for over-time ¹
	Unit	Amount		
MISCELLANEOUS BUILDING TRADES				
Paperhangers:				
Birmingham, Ala.	Hour	\$1. 00	40	1½
Dallas, Tex.	do.	1. 12½	44	1½
Kansas City, Mo.	do.	1. 25	44	2
New York, N. Y.	do.	1. 65	40	2
Piecework	Week	\$ 75. 00	40	—
Philadelphia, Pa.	Hour	1. 12½	44	2
St. Louis, Mo.	do.	1. 50	40	2
Cement and concrete workers: New York, N. Y.	Week	46. 75	40	1½
Plasterers:				
New York, N. Y.—				
Rubbers and polishers	Hour	1. 25	40	2
Compo workers, mounters	do.	1. 52½	40	2
San Francisco, Calif.: ornamental	do.	1. 12½	40	2
Mosaic and terrazzo workers' helpers: Philadelphia, Pa.	do.	1. 00	40	1½
Slate and tile roofers' helpers: St. Louis, Mo.	do.	. 80	40	1½
Painters:				
Sign painters' helpers—				
Baltimore, Md.	do.	. 90½	40	2
St. Louis, Mo.	do.	1. 10	40	2
Marine painters: New York, N. Y.	do.	1. 12½	40	2
Gold gliders: Philadelphia, Pa.	do.	. 85	40	2
Lath hoisters: New York, N. Y.	Week	48. 75	40	1½
Tuck pointers and front cleaners: Chicago, Ill.	Hour	1. 70	44	1½
Composition-floor workers (cement workers): Chicago, Ill.	do.	1. 03½	44	2
MATERIAL HANDLERS				
Chicago, Ill.:				
Furniture—				
Packers and warehousemen	Week	41. 00	54	1½
Warehouseman's helpers.	do.	38. 00	54	1½
Coal hikers—				
Rate A	Hour	. 55	60	—
Rate B	do.	. 80	60	—
Piecework	Day	\$ 6. 00	60	—
Denver, Colo.:				
Coal—				
Yardmen	do.	5. 00	54	1
Loading-machine operators	do.	5. 35	54	1
New York, N. Y.:				
Building material or brick handlers, piecework	do.	\$ 10. 00	40	—
Furniture packers	Week	39. 00	49	2
Money deliverymen (express)	do.	41. 83	48	1½
Waste material sorters and examiners	Hour	. 75	44	2
Philadelphia, Pa.: Warehouse employees	Week	35. 00	60	1½
RIGGERS AND MACHINERY MOVERS				
New York, N. Y.:				
Riggers and machinery movers	Day	13. 20	40	2
Riggers, stone work	do.	12. 10	40	2
Foremen	do.	13. 10	40	2
Riggers and derrick men	do.	11. 45	40	2
Philadelphia, Pa.	do.	10. 00	44	2
STEAM-SHOVEL ENGINEERS AND FIREMEN				
Chicago, Ill.:				
Engineers and operators (building.)	Month	280. 00	44	2
Shovel cranemen	do.	200. 00	44	2
Firemen and oilers	do.	185. 00	44	2
Shovel cranemen, portable and hoisting	do.	140. 00	48	2
Firemen, shovel work, portable and hoisting	do.	105. 00	48	2
Oilers, shovel work, portable and hoisting	do.	100. 00	48	2

¹ Regular rate multiplied by number shown.

¹ Average earnings.

TABLE 61.—*Rates of wages, hours, and rate for overtime in miscellaneous occupations in specified cities—Continued*

City and occupation	Rate of wages		Hours per full-time week	Rate for over-time ¹
	Unit	Amount		
STEAM-SHOVEL ENGINEERS AND FIREMEN—continued				
Denver, Colo.:				
Cranemen, shovel.....	Month.....	\$200.00	48	1½
Firemen, shovel.....	do.....	165.00	48	1½
Oilers, shovel.....	do.....	150.00	48	1½
New York, N. Y.:				
Junior engineers (steam shovel).....	Week.....	50.00	40	2
Oilers.....	do.....	45.00	40	2
St. Louis, Mo.: Engineers' helpers or firemen.....	Hour.....	1.10	44	2
OTHER OCCUPATIONS				
Boston, Mass.: Gas-meter repairers and adjusters.....	Hour.....	.74	46	1½
New York, N. Y.:				
Exhibition employees (auto, food, radio shows, etc.).....	do.....	1.00	48	1½
Furniture polishers.....	Week.....	55.00	48	1½
Helpers.....	do.....	45.00	48	1½
Special officers—				
Day.....	Day.....	5.00	6½	
Night.....	Night.....	7.00	7	
Philadelphia, Pa.:				
Organ workers—				
Master mechanics.....	Week.....	71.50	44	1½
Mechanics.....	do.....	55.00	44	1½
Helpers.....	do.....	39.60	44	1½
Piano movers.....	do.....	37.00-40.00	60	
St. Louis, Mo.: Water works laborers.....	Hour.....	.62½	44	1
San Francisco, Calif.:				
Baggage messengers.....	Week.....	35.00	60	
Casket trimmers.....	Day.....	6.00	48	1
Cemetery workers.....	do.....	5.75	48	1½

¹ Regular rate multiplied by number shown.¹ Per day.

LIST OF BULLETINS OF THE BUREAU OF LABOR STATISTICS

The following is a list of all bulletins of the Bureau of Labor Statistics published since July, 1912, except that in the case of bulletins giving the results of periodic surveys of the bureau only the latest bulletin on any one subject is here listed.

A complete list of the reports and bulletins issued prior to July, 1912, as well as the bulletins published since that date, will be furnished on application. Bulletins marked thus () are out of print.*

Conciliation and Arbitration (including strikes and lockouts).

- *No. 124. Conciliation and arbitration in the building trades of Greater New York. [1913.]
- *No. 133. Report of the industrial council of the British Board of Trade on its inquiry into industrial agreements. [1913.]
- No. 139. Michigan copper district strike. [1914.]
- *No. 144. Industrial court of the cloak, suit, and skirt industry of New York City. [1914.]
- *No. 145. Conciliation, arbitration, and sanitation in the dress and waist industry of New York City. [1914.]
- *No. 191. Collective bargaining in the anthracite-coal industry. [1916.]
- *No. 198. Collective agreements in the men's clothing industry. [1916.]
- No. 233. Operation of the industrial disputes investigation act of Canada. [1918.]
- No. 255. Joint industrial councils in Great Britain. [1919.]
- No. 283. History of the Shipbuilding Labor Adjustment Board, 1917 to 1919.
- No. 287. National War Labor Board: History of its formation, activities, etc. [1921.]
- *No. 303. Use of Federal power in settlement of railway labor disputes. [1922.]
- No. 341. Trade agreement in the silk-ribbon industry of New York City. [1923.]
- No. 402. Collective bargaining by actors. [1926.]
- No. 468. Trade agreements, 1927.
- No. 481. Joint industrial control in the book and job printing industry. [1928.]

Cooperation.

- No. 313. Consumers' cooperative societies in the United States in 1920.
- No. 314. Cooperative societies (credit unions) in America and in foreign countries. [1922.]
- No. 437. Cooperative movement in the United States in 1925 (other than agricultural).
- No. 531. Consumers' credit and productive cooperative societies, 1929.

Employment and Unemployment.

- *No. 109. Statistics of unemployment and the work of employment offices in the United States. [1913.]
- No. 172. Unemployment in New York City, N. Y. [1915.]
- *No. 183. Regularity of employment in the women's ready-to-wear garment industries. [1915.]
- *No. 195. Unemployment in the United States. [1916.]
- No. 196. Proceedings of the Employment Managers' Conference held at Minneapolis, Minn., January 19 and 20, 1916.
- *No. 202. Proceedings of the conference of Employment Managers' Association of Boston, Mass., held May 10, 1916.
- No. 206. The British system of labor exchanges. [1916.]
- *No. 227. Proceedings of the Employment Managers' Conference, Philadelphia, Pa., April 2 and 3, 1917.
- No. 235. Employment system of the Lake Carriers' Association. [1918.]
- *No. 241. Public employment offices in the United States. [1918.]
- No. 247. Proceedings of Employment Managers' Conference, Rochester, N. Y., May 9-11, 1918.
- *No. 310. Industrial unemployment: A statistical study of its extent and causes. [1922.]
- No. 409. Unemployment in Columbus, Ohio, 1921 to 1925.
- No. 520. Social and economic character of unemployment in Philadelphia, April, 1929.

Foreign Labor Laws.

- *No. 142. Administration of labor laws and factory inspection in certain European countries. [1914.]
- No. 494. Labor legislation of Uruguay. [1929.]
- No. 510. Labor legislation of Argentina. [1930.]
- No. 529. Workmen's compensation legislation of Latin American countries. [1930.]

Housing.

- *No. 158. Government aid to home owning and housing of working people in foreign countries. [1914.]
- No. 263. Housing by employers in the United States. [1920.]
- No. 295. Building operations in representative cities in 1920.
- No. 524. Building permits in the principal cities of the United States in [1921 to] 1929.

Industrial Accidents and Hygiene.

- *No. 104. Lead poisoning in potteries, tile works, and porcelain enameled sanitary ware factories. [1912.]
- No. 120. Hygiene of painters' trade. [1913.]
- *No. 127. Danger to workers from dust and fumes, and methods of protection. [1913.]
- *No. 141. Lead poisoning in the smelting and refining of lead. [1914.]
- *No. 157. Industrial accident statistics. [1915.]
- No. 165. Lead poisoning in the manufacture of storage batteries. [1914.]
- *No. 179. Industrial poisons used in the rubber industry. [1915.]
- No. 188. Report of British departmental committee on the danger in the use of lead in the painting of buildings. [1916.]
- *No. 201. Report of the committee on statistics and compensation insurance cost of the International Association of Industrial Accident Boards and Commissions. [1916.]
- *No. 209. Hygiene of the printing trades. [1917.]
- *No. 219. Industrial poisons used or produced in the manufacture of explosives. [1917.]
- No. 221. Hours, fatigue, and health in British munition factories. [1917.]
- No. 230. Industrial efficiency and fatigue in British munition factories. [1917.]
- *No. 231. Mortality from respiratory diseases in dusty trades (inorganic dusts). [1918.]
- *No. 234. Safety movement in the iron and steel industry, 1907 to 1917.
- No. 236. Effects of the air hammer on the hands of stonecutters. [1918.]
- No. 249. Industrial health and efficiency. Final report of British Health of Munitions Workers' Committee. [1919.]
- No. 251. Preventable death in the cotton-manufacturing industry. [1919.]

Industrial Accidents and Hygiene—Continued.

- No. 256. Accidents and accident prevention in machine building. [1919.]
- No. 267. Anthrax as an occupational disease. [1920.]
- No. 276. Standardization of industrial accident statistics. [1920.]
- No. 280. Industrial poisoning in making coal-tar dyes and dye intermediates. [1921.]
- *No. 291. Carbon-monoxide poisoning. [1921.]
- No. 293. The problem of dust phthisis in the granite-stone industry. [1922.]
- No. 298. Causes and prevention of accidents in the iron and steel industry, 1910-1919.
- No. 306. Occupational hazard and diagnostic signs: A guide to impairments to be looked for in hazardous occupations. [1922.]
- No. 392. Survey of hygienic conditions in the printing trades. [1925.]
- No. 405. Phosphorus necrosis in the manufacture of fireworks and in the preparation of phosphorus. [1926.]
- No. 427. Health survey of the printing trades, 1922 to 1925.
- No. 428. Proceedings of the Industrial Accident Prevention Conference, held at Washington, D. C., July 14-16, 1926.
- No. 460. A new test for industrial lead poisoning. [1928.]
- No. 466. Settlement for accidents to American seamen. [1928.]
- No. 488. Deaths from lead poisoning, 1925-1927.
- No. 490. Statistics of industrial accidents in the United States to the end of 1927.
- No. 507. Causes of death by occupation. [1929.]

Industrial Relations and Labor Conditions.

- No. 237. Industrial unrest in Great Britain. [1917.]
- No. 340. Chinese migrations, with special reference to labor conditions. [1923.]
- No. 349. Industrial relations in the West Coast lumber industry. [1923.]
- No. 361. Labor relations in the Fairmont (W. Va.) bituminous-coal field. [1924.]
- No. 380. Postwar labor conditions in Germany. [1925.]
- No. 383. Works council movement in Germany. [1925.]
- No. 384. Labor conditions in the shoe industry in Massachusetts, 1920-1924.
- No. 399. Labor relations in the lace and lace-curtain industries in the United States. [1925.]
- No. 534. Labor conditions in the Territory of Hawaii, 1929-1930.

Labor Laws of the United States (including decisions of courts relating to labor).

- No. 211. Labor laws and their administration in the Pacific States. [1917.]
- No. 229. Wage-payment legislation in the United States. [1917.]
- No. 285. Minimum wage laws of the United States: Construction and operation. [1921.]
- No. 321. Labor laws that have been declared unconstitutional. [1922.]
- No. 322. Kansas Court of Industrial Relations. [1923.]
- No. 343. Laws providing for bureaus of labor statistics, etc. [1923.]
- No. 370. Labor laws of the United States, with decisions of courts relating thereto. [1925.]
- No. 408. Laws relating to payment of wages. [1926.]
- No. 517. Decisions of courts and opinions affecting labor, 1927-1928.
- No. 528. Labor legislation of 1929.

Proceedings of Annual Conventions of the Association of Governmental Labor Officials of the United States and Canada. (Name changed in 1923 to Association of Governmental Officials in Industry of the United States and Canada.)

- No. 266. Seventh, Seattle, Wash., July 12-15, 1920.
- No. 307. Eighth, New Orleans, La., May 2-4, 1921.
- No. 323. Ninth, Harrisburg, Pa., May 22-26, 1922.
- *No. 352. Tenth, Richmond, Va., May 1-4, 1923.
- *No. 389. Eleventh, Chicago, Ill., May 19-23, 1924.
- *No. 411. Twelfth, Salt Lake City, Utah, August 13-15, 1925.
- No. 429. Thirteenth, Columbus, Ohio, June 7-10, 1926.
- *No. 455. Fourteenth, Paterson, N. J., May 31, to June 3, 1927.
- No. 480. Fifteenth, New Orleans, La., May 21-24, 1928.
- No. 508. Sixteenth, Toronto, Canada, June 4-7, 1929.
- No. 530. Seventeenth, Louisville, Ky., May 20-23, 1930.

Proceedings of Annual Meetings of the International Association of Industrial Accident Boards and Commissions.

- No. 210. Third, Columbus, Ohio, April 25-28, 1916.
- No. 248. Fourth, Boston, Mass., August 21-25, 1917.
- No. 264. Fifth, Madison, Wis., September 24-27, 1918.
- *No. 273. Sixth, Toronto, Canada, September 22-26, 1919.
- No. 281. Seventh, San Francisco, Calif., September 20-24, 1920.
- No. 304. Eighth, Chicago, Ill., September 19-23, 1921.
- No. 333. Ninth, Baltimore, Md., October 9-13, 1922.
- *No. 359. Tenth, St. Paul, Minn., September 24-26, 1923.
- No. 385. Eleventh, Halifax, Nova Scotia, August 26-28, 1924.
- No. 395. Index to proceedings, 1914-1924.
- No. 406. Twelfth, Salt Lake City, Utah, August 17-20, 1925.
- No. 432. Thirteenth, Hartford, Conn., September 14-17, 1926.
- *No. 456. Fourteenth, Atlanta, Ga., September 27-29, 1927.
- No. 485. Fifteenth, Paterson, N. J., September 11-14, 1928.
- No. 511. Sixteenth, Buffalo, N. Y., October 8-11, 1929.
- No. 536. Seventeenth, Wilmington, Del., September 22-26, 1930.

Proceedings of Annual Meetings of the International Association of Public Employment Services.

- No. 192. First, Chicago, December 19 and 20, 1913; second, Indianapolis, September 24 and 25, 1914; third, Detroit, July 1 and 2, 1915.
- No. 220. Fourth, Buffalo, N. Y., July 20 and 21, 1916.
- No. 311. Ninth, Buffalo, N. Y., September 7-9, 1921.
- No. 337. Tenth, Washington, D. C., September 11-13, 1922.
- No. 355. Eleventh, Toronto, Canada, September 4-7, 1923.
- No. 400. Twelfth, Chicago, Ill., May 19-23, 1924.
- No. 414. Thirteenth, Rochester, N. Y., September 15-17, 1925.
- No. 478. Fifteenth, Detroit, Mich., October 25-28, 1927.
- No. 501. Sixteenth, Cleveland, Ohio, September 18-21, 1928.
- No. 538. Seventeenth, Philadelphia, September 24-27, 1929; Eighteenth, Toronto, Canada, September 9-12, 1930.

Productivity of Labor.

- No. 326. Productivity costs in the common-brick industry. [1924.]
- No. 360. Time and labor costs in manufacturing 100 pairs of shoes, 1923.
- No. 407. Labor cost of production and wages and hours of labor in the paper box-board industry. [1926.]
- No. 412. Wages, hours, and productivity in the pottery industry, 1925.
- No. 441. Productivity of labor in the glass industry. [1927.]
- No. 474. Productivity of labor in merchant blast furnaces. [1928.]
- No. 475. Productivity of labor in newspaper printing. [1929.]

Retail Prices and Cost of Living.

- *No. 121. Sugar prices, from refiner to consumer. [1913.]
- *No. 130. Wheat and flour prices, from farmer to consumer. [1913.]
- *No. 164. Butter prices, from producer to consumer. [1914.]
- No. 170. Foreign food prices as affected by the war. [1915.]
- No. 357. Cost of living in the United States. [1924.]
- No. 369. The use of cost-of-living figures in wage adjustments. [1925.]
- No. 496. Retail prices, 1899 to 1928.

Safety Codes.

- *No. 331. Code of lighting: Factories, mills, and other work places.
- No. 336. Safety code for the protection of industrial workers in foundries.
- No. 350. Rules governing the approval of headlighting devices for motor vehicles.
- *No. 351. Safety code for the construction, care, and use of ladders.
- No. 375. Safety code for laundry machinery and operations.
- No. 382. Code of lighting school buildings.
- No. 410. Safety code for paper and pulp mills.
- No. 430. Safety code for power presses and foot and hand presses.
- No. 433. Safety codes for the prevention of dust explosions.
- No. 447. Safety code for rubber mills and calenders.
- No. 451. Safety code for forging and hot-metal stamping.
- No. 463. Safety code for mechanical power-transmission apparatus—first revision.
- No. 509. Textile safety code.
- No. 512. Code for identification of gas-mask canisters.
- No. 519. Safety code for woodworking plants, as revised 1930.
- No. 527. Safety code for the use, care, and protection of abrasive wheels.

Vocational and Worker's Education.

- *No. 159. Short-unit courses for wage earners, and a factory school experiment. [1915.]
- *No. 162. Vocational education survey of Richmond, Va. [1915.]
- *No. 199. Vocational education survey of Minneapolis, Minn. [1917.]
- No. 271. Adult working-class education in Great Britain and the United States. [1920.]
- No. 459. Apprenticeship in building construction. [1923.]

Wages and Hour's of Labor.

- *No. 146. Wages and regularity of employment and standardization of piece rates in the dress and waist industry of New York City. [1914.]
- *No. 147. Wages and regularity of employment in the cloak, suit, and skirt industry. [1914.]
- No. 161. Wages and hours of labor in the clothing and cigar industries, 1911 to 1913.
- No. 163. Wages and hours of labor in the building and repairing of steam railroad cars, 1907 to 1913.
- *No. 190. Wages and hours of labor in the cotton, woolen, and silk industries, 1907 to 1914.
- No. 204. Street-railway employment in the United States. [1917.]
- No. 225. Wages and hours of labor in the lumber, millwork, and furniture industries, 1915.
- No. 265. Industrial survey in selected industries in the United States, 1919.
- No. 297. Wages and hours of labor in the petroleum industry, 1920.
- No. 356. Productivity costs in the common-brick industry. [1924.]
- No. 358. Wages and hours of labor in the automobile-tire industry, 1923.
- No. 360. Time and labor costs in manufacturing 100 pairs of shoes, 1923.
- No. 365. Wages and hours of labor in the paper and pulp industry, 1923.
- No. 394. Wages and hours of labor in metalliferous mines, 1924.
- No. 407. Labor costs of production, and wages and hours of labor, in the paper box-board industry. [1926.]
- No. 412. Wages, hours, and productivity in the pottery industry, 1925.
- No. 416. Hours and earnings in anthracite and bituminous coal mining, 1922 and 1924.
- No. 476. Union scales of wages and hours of labor, 1927. [Supplement to Bulletin 457.]
- No. 484. Wages and hours of labor of common street laborers, 1928.
- No. 497. Wages and hours of labor in the lumber industry in the United States, 1928.
- No. 498. Wages and hours of labor in the boot and shoe industry, 1910 to 1928.
- No. 499. History of wages in the United States from colonial times to 1928.
- No. 502. Wages and hours of labor in the motor-vehicle industry, 1928.
- No. 503. Wages and hours of labor in the men's clothing industry, 1911 to 1928.
- No. 504. Wages and hours of labor in the hosiery and underwear industries, 1907 to 1928.
- No. 513. Wages and hours of labor in the iron and steel industry, 1929.
- No. 514. Pennsylvania Railroad wage data. From Report of Joint Fact Finding Committee in wage negotiations in 1927.
- No. 515. Union scales of wages, May 15, 1929.
- No. 516. Hours and earnings in bituminous coal mining, 1929.
- No. 522. Wages and hours of labor in foundries and machine shops, 1929.
- No. 523. Hours and earnings in the manufacture of airplanes and aircraft engines, 1929.
- No. 525. Wages and hours of labor in the Portland cement industry, 1929.
- No. 526. Wages and hours of labor in the furniture industry, 1910 to 1929.
- No. 532. Wages and hours of labor in the cigarette manufacturing industry, 1930.
- No. 533. Wages and hours of labor in woolen and worsted goods manufacturing, 1910 to 1930.
- No. 534. Labor conditions in the Territory of Hawaii, 1929-1930.
- No. 535. Wages and hours of labor in the slaughtering and meat-packing industry, 1929.
- No. 537. Wages and hours of labor in the dyeing and finishing of textiles, 1930.
- No. 539. Wages and hours of labor in cotton-goods manufacturing, 1910 to 1930.

Welfare Work.

- *No. 123. Employers' welfare work. [1913.]
- No. 222. Welfare work in British munitions factories. [1917.]
- *No. 250. Welfare work for employees in industrial establishments in the United States. [1919.]
- No. 458. Health and recreation activities in industrial establishments, 1926.

Wholesale Prices.

- No. 284. Index numbers of wholesale prices in the United States and foreign countries. [1921.]
- No. 453. Revised index numbers of wholesale prices, 1923 to July, 1927.
- No. 521. Wholesale prices, 1929.

Women and Children in Industry.

- No. 116. Hours, earnings, and duration of employment of wage-earning women in selected industries in the District of Columbia. [1913.]
- *No. 117. Prohibition of night work of young persons. [1913.]
- *No. 118. Ten-hour maximum working-day for women and young persons. [1913.]
- No. 119. Working hours of women in the pea canneries of Wisconsin. [1913.]
- *No. 122. Employment of women in power laundries in Milwaukee. [1913.]
- *No. 160. Hours, earnings, and conditions of labor of women in Indiana mercantile establishments and garment factories. [1914.]
- *No. 167. Minimum-wage legislation in the United States and foreign countries. [1915.]
- *No. 176. Summary of the report on conditions of women and child wage earners in the United States. [1915.]
- *No. 178. Effect of minimum-wage determinations in Oregon. [1915.]
- *No. 180. The boot and shoe industry in Massachusetts as a vocation for women. [1915.]
- *No. 182. Unemployment among women in department and other retail stores of Boston, Mass. [1916.]
- No. 193. Dressmaking as a trade for women in Massachusetts. [1916.]
- No. 215. Industrial experience of trade-school girls in Massachusetts. [1917.]
- *No. 217. Effect of workmen's compensation laws in diminishing the necessity of industrial employment of women and children. [1918.]
- *No. 223. Employment of women and juveniles in Great Britain during the war. [1917.]
- No. 253. Women in the lead industries. [1919.]

Workmen's Insurance and Compensation (including laws relating thereto).

- *No. 101. Care of tuberculous wage earners in Germany. [1912.]
- *No. 102. British national insurance act, 1911.
- No. 103. Sickness and accident insurance law in Switzerland. [1912.]
- No. 107. Law relating to insurance of salaried employees in Germany. [1913.]
- *No. 155. Compensation for accidents to employees of the United States. [1914.]
- *No. 212. Proceedings of the conference on social insurance called by the International Association of Industrial Accident Boards and Commissions. Washington, D. C., December 5-9, 1916.
- *No. 243. Workmen's compensation legislation in the United States and foreign countries, 1917 and 1918.
- No. 201. Comparison of workmen's compensation insurance and administration. [1922.]
- No. 312. National health insurance in Great Britain, 1911 to 1921.
- No. 379. Comparison of workmen's compensation laws of the United States as of January 1, 1925.
- No. 477. Public-service retirement systems, United States and Europe. [1929.]
- No. 496. Workmen's compensation legislation of the United States and Canada as of January, 1929. (With text of legislation enacted in 1927 and 1928.)

Miscellaneous series.

- *No. 174. Subject index of the publications of the United States Bureau of Labor Statistics up to May 1, 1915.
- No. 208. Profit sharing in the United States. [1916.]
- No. 242. Food situation in central Europe, 1917.
- No. 254. International labor legislation and the society of nations. [1919.]
- No. 268. Historical survey of international action affecting labor. [1920.]
- No. 282. Mutual relief associations among Government employees in Washington, D. C. [1921.]
- No. 319. The Bureau of Labor Statistics: Its history, activities, and organization. [1922.]
- No. 326. Methods of procuring and computing statistical information of the Bureau of Labor Statistics. [1923.]
- No. 342. International Seamen's Union of America: A study of its history and problems. [1923.]
- No. 346. Humanity in government. [1923.]
- No. 372. Convict labor in 1923.
- No. 386. Cost of American almshouses. [1925.]
- No. 398. Growth of legal-aid work in the United States. [1926.]
- No. 401. Family allowances in foreign countries. [1926.]
- No. 461. Labor organizations in Chile. [1928.]
- No. 462. Park recreation areas in the United States. [1928.]
- No. 465. Beneficial activities of American trade-unions. [1928.]
- No. 479. Activities and functions of a State department of labor. [1928.]
- No. 483. Conditions in the shoe industry in Haverhill, Mass., 1928.
- No. 489. Care of aged persons in the United States. [1929.]
- No. 491. Handbook of labor statistics: 1929 edition.
- No. 505. Directory of homes for the aged in the United States. [1929.]
- No. 506. Handbook of American trade-unions: 1929 edition.
- No. 518. Personnel research agencies: 1930 edition.