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# Union Wages and Hours: Building Trades

July 1, 1964

and

Trend 1907-64

Bulletin No. 1432

UNITED STATES DEPARTMENT OF LABOR  
W. Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS  
Ewan Clague, Commissioner





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## Preface

The Bureau of Labor Statistics conducts annual surveys of wage rates and scheduled hours of work for specified crafts or jobs as provided in labor-management agreements in four industries: Building construction, printing, local transit, and local trucking. The studies present the wage rates in effect as of July 1 of each year, as reported to the Bureau by the appropriate local labor organizations in each of the cities included in the survey.

Information on the union scales and hours prevailing in each city is available in September of each year on request to the Bureau's regional offices which are listed on the inside back cover. A release summarizing the rates for the building trades on a nationwide basis was issued in November 1964. This analysis provides additional data and indexes of the trend of wages and hours for the period 1907-64.

This study was conducted in the Bureau's Division of National Wage and Salary Income by Norman J. Samuels, Chief of the Division, under the general direction of L. R. Linsenmayer, Assistant Commissioner for Wages and Industrial Relations. The analysis was prepared by Thomas C. Mobley, under the immediate supervision of John F. Laciskey. Field work for the survey was directed by the Assistant Regional Directors for Wages and Industrial Relations.



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# Union Wages and Hours:

## Building Trades, July 1, 1964

### Summary

Wage scales of unionized building-trades workers in cities of 100,000 population or more advanced an average of 15 cents an hour, or 3.7 percent, during the year ending July 1, 1964, according to the 58th annual survey of union scales in the building trades. Seven of every 10 trades showed an advance of 14 to 18 cents<sup>1</sup> in their average scale.

Negotiated scale changes, which became effective between July 1, 1963, and July 1, 1964, resulted in higher wage rates for nine-tenths of the workers included in the survey. Increases generally varied from 10 to 25 cents an hour; such advances were applicable to nearly two-thirds of the building tradesmen. Hourly rates rose 10 to 15 cents for slightly more than a fifth of the workers; 15 to 20 cents for nearly three-tenths; and 20 to 25 cents for an eighth. Advances of 25 cents or more an hour affected a sixth of the building tradesmen and those of less than 10 cents, a twelfth.

Union hourly wage scales on July 1, 1964, averaged \$4.25 for all building-trades workers combined—\$4.46 for journeymen and \$3.40 for helpers and laborers. Negotiated scales varied from \$4.10 to \$4.70 for half of the journeymen and from \$3.10 to \$3.70 for a similar proportion of helpers and laborers.

Straight-time workweeks averaged 39.3 hours on July 1, 1964, for all building-trades workers combined. A 40-hour weekly schedule was in effect for 7 of every 8 workers.

Health and insurance programs financed wholly or in part by employers were specified in labor-management agreements affecting four-fifths of the workers. Pension plans, similarly financed, were provided in agreements covering seven-tenths of the building craftsmen.

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<sup>1</sup> For ease of reading in this and subsequent discussions of tabulations, the limits of the class intervals are designated as 14 to 18 cents, 3 to 4 percent, etc., instead of using the more precise terminology, "14 and under 18 cents, 3 and under 4 percent," etc.

### Scope and Method of Study

Union scales are those agreed on through collective bargaining between trade unions and employers, and defined as (1) the basic (minimum) wage scales (excluding holiday, vacation, or other benefit payments regularly made or credited to the worker each pay period), and (2) the maximum schedules of hours at straight-time rates. Rates in excess of the negotiated minimum, which may be paid for special qualifications or other reasons, are not included.

The information presented in this bulletin was based on union scales in effect on July 1, 1964, and covered approximately 670,000 journeymen and 165,000 helpers and laborers in 68 cities with populations of 100,000 or more. Data were obtained primarily from local union officials by mail questionnaire; in some instances, Bureau economists visited local union officials to obtain the desired information.

The current survey was designed to reflect union wage scales in the building construction industry in all cities of 100,000 population or more. All cities of a half million population or more were included, as were most cities in the 250,000–500,000 group. The cities in the 100,000–250,000 group selected for study were distributed widely throughout the United States. Data for some cities were weighted to compensate for cities not surveyed. To provide appropriate representation in the combination of data, each geographic region was considered separately when city weights were assigned.

Average hourly scales, designed to show current levels, were based on all scales reported in effect on July 1, 1964. Individual scales were weighted by the number of union members at each rate. These averages are not designed for precise year-to-year comparisons because of fluctuations in membership and in job classifications studied. Average cents-per-hour and percent changes were based on comparable quotations for the various occupational classifications in both periods, weighted by the membership reported in the current (1964) survey. The index series, designed for trend purposes, was similarly constructed.

### Wage Scale Increases, 1963-64

Rate changes in the building industry result primarily from labor-management negotiations. Many of the union contracts in effect on July 1, 1964, were negotiated for 2 years—a few were for a longer period. Contracts of more than a year's duration often contain provisions for periodic increases. Although individual contracts provided for increases at various dates, only those scale changes that actually became effective between July 1, 1963, and July 1, 1964, were included in the current study. Some of these scale revisions were provided for in contracts which became effective prior to July 1, 1963. A number of agreements negotiated during the year contained provisions for rate increases after July 1, 1964. Such deferred advances were excluded from the survey. Thus, the scale changes presented herein do not reflect the total wage scale changes negotiated in individual contracts during the 12 months covered by the survey.

Scale revisions effective during the year ending July 1, 1964, raised the level of union scales for building-trades workers 3.7 percent. This rise, slightly larger than that registered in the preceding 12-month period, advanced the Bureau's index (1957-59=100) to 126.2 (table 1). Reflected in this advance were scale improvements of 3.6 percent for journeymen and 4.3 percent for helpers and laborers (table 3).

Among the 24 journeymen trades, gains varied from 2.7 percent for stonemasons to 4.4 percent for machinists. Advances of 3 to 3.5 percent were recorded by eight trades, 3.5 to 4 percent by a like number, and 4 percent or more by the six other crafts surveyed. For helpers and laborers, the rate of advance, except for elevator constructors' helpers (2.9 percent), ranged from 4 percent for marble setters' helpers to 5 percent for plumbers' laborers. Building laborers, the largest group numerically, registered an advance of 4.1 percent (table 3).

Between July 1, 1963, and July 1, 1964, union hourly wage scales for building-trades workers in cities of 100,000 population or more advanced 15 cents, on the average, 1 cent more than in each of the two preceding 12-month periods. Journeymen, as a group, moved up 16 cents and helpers and laborers, 14 cents (table 3).

Cents-per-hour increases for journeymen trades varied from 12 cents for stonemasons to 20 cents for machinists. Scales for plasterers increased 19 cents an hour, on the average, while those for boilermakers, plumbers, and rodmen rose 18 cents. Of the remaining 18 crafts, all but 7 registered advances of at least 15 cents, with only 1 craft advancing their average less than 14 cents an hour. Among the nine helper and laborer classifications, the increases ranged from 10 cents for elevator constructors' helpers to 17 cents for plasterers' laborers. Hourly wage scales rose an average of 16 cents for three trades, while building laborers advanced their average 13 cents.

During the year ending July 1, 1964, hourly wage scales were adjusted upward for nine-tenths of the journeymen and a like proportion of helpers and laborers. Scales increased for at least 7 of every 8 workers in 25 of the 33 trades studied. Scale advances varied from 15 to 20 cents an hour for about three-tenths of the journeymen, 20 to 25 cents for a sixth, and 10 to 15 cents for a fifth. The advance amounted to 25 cents or more for 1 of every 6 journeymen. Among helpers and laborers, hourly scales increased 10 to 15 cents for almost a third and 15 to 20 cents for a slightly smaller proportion. Advances of less than 10 cents an hour were applicable to about an eighth and of 25 cents or more to a seventh (table 5).

The increases for journeymen represented gains of 3 to 4 percent for almost three-tenths of the workers, 4 to 5 percent for nearly a fifth, 2 to 3 percent for a sixth, and 5 to 6 percent for slightly more than a tenth. The gain was 6 percent or more for 1 of every 12 journeymen. Among helpers and laborers, the advance was 4 to 5 percent for three-tenths, 5 to 6 percent for a fifth, and 3 to 4 percent for nearly a sixth. Gains of 6 percent or more and of less than 3 percent were each registered by an eighth of the helpers and laborers (table 4).

### Hourly Wage Scales

Scales for all journeymen combined averaged \$4.46 an hour on July 1, 1964. By trade, average hourly scales for journeymen varied from \$4.04 for paperhangers to \$4.73 for elevator constructors. Among the 22 other journeymen trades studied, 12 had average scales of \$4.50 or more an hour, 4 had averages between \$4.40 and \$4.50, and only 4 averaged less than \$4.20 an hour.

Hourly wage scales for journeymen showed a wide variation, ranging from \$2.05 for composition roofers in Norfolk to \$5.92 for sprinkler fitters in San Francisco. Rates of \$5.80 or more an hour were in effect for some bricklayers in San Francisco, elevator constructors and structural-iron workers in Newark and New York City, pipefitters in Oakland, and rodmen in Newark.

Labor-management contract rates varied from \$4.10 to \$4.70 for half of the journeymen, from \$4.70 to \$5.20 for about a sixth, and from \$3.60 to \$4.10 for another sixth. An eighth of the journeymen had scales of at least \$5.20 an hour. Hourly wage scales of \$4.70 or more were stipulated in negotiated agreements for more than half of the machinists and plumbers, at least two-fifths of the boilermakers, bricklayers, electricians, elevator constructors, pipefitters, rodmen, sheet-metal workers, and structural-iron workers; and for three-tenths or more of the tile layers, asbestos workers, marble setters, lathers, mosaic and terrazzo workers, and plasterers; and for a tenth or more of the workers in each of the other trades except glaziers, painters, and paperhangers. Wage scales of less than \$3.50 an hour were negotiated for about 2 percent of the journeymen, and in only four trades was the proportion in excess of 8 percent (table 7).

Helpers and laborers, as a group, had scales averaging \$3.40 an hour and among individual trade classifications, averages varied from \$2.67 for composition roofers' helpers to \$3.75 for plasterers' laborers. Scales also averaged in excess of \$3.60 an hour for bricklayers' tenders, marble setters' helpers, terrazzo workers' helpers, and tile layers' helpers. Building laborers had an average scale of \$3.29 an hour.

Wage rates for helpers and laborers also varied widely—ranging from \$1.40 an hour for composition roofers' helpers in Tampa to \$5.45 for some plasterers' laborers in New York City. Hourly scales of \$3.10 to \$3.70 were specified in labor-management agreements for slightly more than half of the helpers and laborers, of \$3.70 to \$4.20 for about a twelfth, and of \$2.60 to \$3.10 for a sixth. Rates of \$4.20 or more an hour were negotiated for an eighth of the workers, while those of less than \$2.60 affected a tenth; in only four classifications, however, were more than 8 percent of the workers at such scales (table 7).

### City and Regional Averages

In the building industry, labor-management negotiations are generally conducted on a locality basis. Among the factors affecting the pay scales for building-trades workers are variations in type and amount of local building activity, the demand for construction workers, the extent of unionization, and the general level of wages in individual localities. These factors are reflected in the relatively wide variations in negotiated scales for individual crafts within a locality as well as in the difference in rates among cities. For example, hourly scales for rodmen ranged from \$3.32½ in Jackson to \$5.85 in Newark. The range of rates among the 24 journeymen trades in 6 typical cities are shown in the following tabulation:

City	Scale range	Differences in—	
		Dollars per hour	Percent
Atlanta -----	\$2.90 - \$5.00	\$2.10	72
Boston -----	4.00 - 5.00	1.00	25
Chicago-----	4.20 - 5.20	1.00	24
Dallas-----	3.25 - 4.32½	1.07½	33
New York City-----	4.50 - 5.80	1.30	29
San Francisco-----			
Oakland -----	4.19½- 5.91½	1.72	41

The difference between the highest and lowest scale for helpers and laborers in each of the above cities, except New York, was smaller than that for journeymen. The differences ranged from 50 cents in Atlanta to \$1.35 in New York City.

The city and regional averages presented in tables 8 and 9 are designed to show current levels of rates for the two groups—journeymen, and helpers and laborers. They do not measure differences in union scales of the various crafts among areas. As previously indicated, scales for individual trades differ from one city to another. The city averages are influenced not only by differences in rates among cities, but also by differences in the proportion of organized workers in the various crafts. For example, a particular craft or classification may not be organized in some areas or may be organized less intensively in some areas than in others. In addition, certain types of work are found in some areas but not in others, or they are found to a greater extent in some areas than in others. These differences are reflected in the weighting of individual rates by the number of union members

at the rate. Therefore, even though rates for all individual crafts in two areas are identical, the average for all crafts combined in each of the areas may differ.

On a city basis, average hourly scales varied widely among the cities surveyed for both journeymen, and helpers and laborers. No effective scales were reported for helpers and laborers in Charlotte. Hourly scales for journeymen averaged highest (\$5.26) in New York City and lowest (\$3.56) in Charlotte. Scales averaged \$4.75 or more an hour in 4 other cities, \$4.50 to \$4.75 in 10 cities, from \$4.25 to \$4.50 in 15 cities, from \$4 to \$4.25 in 21 cities, and from \$3.75 to \$4 in 11 cities (table 8).

For helpers and laborers, average hourly scales varied from \$1.68 in Jacksonville to \$4.58 in New York City. They averaged \$3.50 an hour or more in 14 other cities and less than \$2.25 an hour in 8 others. Averages varied from \$3.25 to \$3.50 in 14 cities, from \$3 to \$3.25 in 11 cities, from \$2.75 to \$3 in 8 cities, and from \$2.25 to \$2.50 in 7 cities (table 8).

When the 68 surveyed cities were grouped according to population size, average hourly scales for union building-trades workers varied by size of city. In the group of cities with a million population or more, scales averaged \$4.83 for journeymen and \$3.86 for helpers and laborers—67 and 77 cents, respectively, higher than in the smallest size population group studied (100,000 to 250,000).

Average hourly wage scales for the individual cities within each population group showed a wide variation for both journeymen and for helpers and laborers. The range of average scales was greater for helpers and laborers than for journeymen in each grouping. The spread between the highest and lowest city averages was greatest in the group of cities with 250,000 to 500,000 population—\$1.56 for journeymen and \$2.34 for helpers and laborers. The spread was narrowest for journeymen (94 cents) in the two largest size population groups—a million or more and 500,000 to a million—and for helpers and laborers (\$1.63) in cities of a million population or more.

An overlapping of average scales existed among the different size groups. For example, the average scale for journeymen in Trenton, in the group of cities with 100,000

to 250,000, the smallest size studied, was exceeded by only two cities in the larger size groups.

On a regional basis, average hourly scales for construction trades workers ranged from \$3.58 in the Southeast to \$4.78 in the heavily industrialized Middle Atlantic. Hourly scales averaged \$4.42 in the Pacific, \$4.20 in the Great Lakes, and \$3.63 to \$4.10 in the other regions (table 9).

Journeymen scales averaged highest (\$4.97) in the Middle Atlantic States and lowest (\$3.83) in the Southeast. All journeymen trades in the Middle Atlantic region averaged at least \$3.84 an hour and 20 trades had scales averaging in excess of \$4.50 an hour. In the Southeast, four crafts averaged less than \$3.50 an hour and only six averaged in excess of \$4, the highest of which was \$4.25 for boilermakers. Averages in excess of \$4.50 an hour were also registered by 16 trades in the Pacific region, 14 in New England, 9 in the Great Lakes region, and at least 2 crafts in the other regions except the Southwest.

For the nine helper and laborer classifications combined, average wage rates varied from \$2.16 in the Southeast to \$4.04 in the Middle Atlantic region. In five regions, all helper and laborer classifications averaged at least \$3 an hour. Averages in excess of \$3.50 an hour were registered by eight helper and laborer classifications in the Middle Atlantic, five in the Pacific region, and four and three, respectively, in the Great Lakes and New England regions.

#### Standard Workweek

Relatively few building tradesmen were affected by changes in the negotiated straight-time workweek during the year ending July 1, 1964. Straight-time workweeks averaged 39.3 hours for all building-trades workers combined—39.3 hours for journeymen and 39.5 hours for helpers and laborers (table 12).

The most prevalent workweek consisted of 40 hours, and was in effect for 7 of every 8 building tradesmen. A standard workweek of 35 hours was stipulated in labor-management agreements for slightly more than a tenth of the building-trades workers. Such schedules affected almost

three-tenths of the bricklayers' tenders, a fourth of the painters and elevator constructors' helpers, a fifth of the bricklayers and elevator constructors, and about a sixth of the lathers, mosaic and terrazzo workers, and their helpers. Straight-time workweeks of 30 hours were in effect for nearly a fourth of the plasterers, and a sixth of their helpers (table 12).

#### Health, Insurance, and Pension Plans

Health, insurance, and pension plans provided in labor-management agreements for workers in the building trades have increased steadily in recent years. The widespread development of such plans in the industry has perhaps been less rapid than in industries where problems of seasonal operations and casual employment are not as extensive. Also, most construction-trades unions have operated their own programs providing their members with one type or more of benefits, such as those covering death, old-age, sickness, or disability. The development of negotiated insurance and pension programs undoubtedly has been

affected by these factors. On July 1, 1964, four-fifths of the building-trades workers were covered by contracts providing for health or insurance plans and seven-tenths were covered by pension plan provisions.<sup>2</sup>

#### Union Scales, by City and Trade

Table 13 presents the union scales of wages and hours in effect on July 1, 1963, and July 1, 1964, together with the amount of employer contributions to health, insurance, pension, and vacation plans on July 1, 1964, for the individual trades in each of the 68 cities surveyed.

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<sup>2</sup> The prevalence of negotiated health, insurance, and pension programs for construction workers was first studied in July 1954. Information on these plans was restricted to those financed entirely or in part by the employer. Plans financed by workers through union dues or assessments were excluded from the study. No attempt was made to secure information on the kind and extent of benefits provided or on the cost of plans providing such benefits. In the current study, however, information was obtained on the amount of employer contributions, in terms of cents per hour or percent of rate. Such information is presented in table 13. Although some employer payments are calculated on the basis of total hours or gross payroll, these variations in the method of computation are not indicated in the tabulation.

Table 1. Indexes of Union Hourly Wage Rates in the Building Trades, 1907-64

Date	(1957-59=100)		
	All trades	Journeyman	Helpers and laborers
1907: May 15	11.2	11.8	8.3
1908: May 15	11.9	12.6	8.7
1909: May 15	12.5	13.2	8.9
1910: May 15	13.0	13.8	9.2
1911: May 15	13.2	14.0	9.3
1912: May 15	13.5	14.3	9.3
1913: May 15	13.8	14.6	9.6
1914: May 1	14.1	15.0	9.7
1915: May 1	14.3	15.1	9.8
1916: May 15	14.7	15.6	10.1
1917: May 15	15.6	16.5	11.2
1918: May 15	17.3	18.2	12.9
1919: May 15	19.9	20.8	14.9
1920: May 15	26.8	27.8	21.7
1921: May 15	27.3	28.4	21.9
1922: May 15	25.6	26.7	19.9
1923: May 15	28.3	29.5	21.1
1924: May 15	30.5	31.8	22.8
1925: May 15	31.7	33.0	23.6
1926: May 15	33.8	35.2	25.7
1927: May 15	35.0	36.4	26.2
1928: May 15	35.2	36.7	26.5
1929: May 15	35.6	37.1	26.9
1930: May 15	37.1	38.7	28.3
1931: May 15	37.2	38.8	28.1
1932: May 15	31.8	33.2	24.0
1933: May 15	30.9	32.3	22.9
1934: May 15	31.2	32.5	23.6
1935: May 15	31.5	32.9	23.7
1936: May 15	32.6	34.0	25.1
1937: May 15	34.9	36.3	27.3
1938: June 1	38.0	39.5	30.1
1939: June 1	38.3	39.7	30.3
1940: June 1	38.9	40.3	30.9
1941: June 1	40.3	41.7	32.4
1942: July 1	42.8	44.1	35.6
1943: July 1	43.1	44.3	36.0
1944: July 1	43.5	44.6	36.4
1945: July 1	44.4	45.4	38.1
1946: July 1	49.5	50.3	44.3
1947: July 1	56.6	57.4	51.8
1948: July 1	62.6	63.3	58.4
1949: July 1	65.2	66.0	60.6
1950: July 1	68.0	68.8	63.9
1951: July 1	72.4	73.1	68.2
1952: July 1	76.9	77.5	72.7
1953: July 1	80.9	81.3	77.7
1954: July 1	83.8	84.3	81.0
1955: July 1	86.8	87.1	84.5
1956: July 1	90.8	91.0	89.6
1957: July 1	95.5	95.6	94.8
1958: July 1	99.8	99.9	99.4
1959: July 1	104.7	104.5	105.7
1960: July 1	109.0	108.6	110.6
1961: July 1	113.3	112.8	115.9
1962: July 1	117.5	117.1	120.1
1963: July 1	121.7	121.3	124.4
1964: July 1	126.2	125.7	129.7

Table 2. Indexes of Union Hourly Wage Rates in Each Building Trade, 1907-64

Date	(1957-59=100)														
	Asbestos workers	Boiler-makers	Brick-layers	Carpen- ters	Cement finishers	Electri- cians (inside wiremen)	Elevator construc- tors	Glaziers	Lathers	Machin- ists	Marble setters	Mosaic and terrazzo workers	Paint- ers	Paper- hangers	Pipe- fitters
1907: May 15 ----	-	-	15.0	11.5	13.8	11.2	-	-	-	-	15.5	-	10.8	-	12.2
1908: May 15 ----	-	-	15.4	12.2	13.7	12.2	-	-	-	-	15.7	-	12.0	-	12.3
1909: May 15 ----	-	-	15.7	12.8	14.1	12.7	-	-	-	-	15.8	-	12.8	-	14.1
1910: May 15 ----	-	-	16.0	13.4	14.3	13.0	-	-	-	-	16.0	-	13.6	-	13.0
1911: May 15 ----	-	-	16.0	13.6	14.8	13.2	-	-	-	-	16.2	-	13.8	-	13.4
1912: May 15 ----	-	-	16.2	13.9	14.8	13.3	-	-	13.9	-	16.2	-	14.0	-	13.7
1913: May 15 ----	-	-	16.6	14.1	15.2	13.6	-	-	14.3	-	17.2	-	14.6	-	14.2
1914: May 1 ----	-	-	16.9	14.4	15.3	14.0	16.0	-	14.5	-	17.4	-	15.1	-	14.5
1915: May 1 ----	-	-	17.0	14.6	15.5	14.3	16.1	-	14.8	-	17.6	-	15.2	-	14.8
1916: May 15 ----	14.2	-	17.1	15.0	15.6	14.6	16.5	-	15.2	-	17.7	14.0	16.6	-	15.0
1917: May 15 ----	14.9	-	17.7	16.3	16.5	15.6	17.7	-	15.7	-	17.7	14.8	17.1	-	15.7
1918: May 15 ----	16.7	-	19.1	18.1	18.2	17.2	18.8	16.3	17.0	-	18.6	16.0	18.8	-	17.1
1919: May 15 ----	20.3	-	21.2	20.8	16.4	19.8	21.9	17.4	18.9	-	20.7	17.2	22.0	-	19.2
1920: May 15 ----	26.4	-	28.9	27.9	27.7	26.1	28.1	25.2	27.0	-	27.4	25.3	30.0	-	25.4
1921: May 15 ----	26.8	-	28.7	28.1	28.7	27.0	29.6	25.7	27.4	-	27.8	25.8	30.9	-	25.7
1922: May 15 ----	24.9	-	27.9	26.0	26.6	25.5	27.6	25.7	25.8	-	27.2	25.1	28.9	-	25.0
1923: May 15 ----	25.9	-	31.6	29.1	29.1	26.5	29.4	27.3	28.5	-	30.8	25.6	31.7	-	26.3
1924: May 15 ----	28.9	-	33.4	31.0	32.2	29.5	33.0	28.8	30.6	-	32.2	30.3	33.4	-	30.2
1925: May 15 ----	30.0	-	35.4	31.7	32.3	31.1	34.6	32.0	33.4	-	32.8	31.9	35.2	-	31.7
1926: May 15 ----	32.1	-	37.5	34.0	34.5	32.8	36.2	32.5	34.3	-	36.8	32.6	37.4	-	34.4
1927: May 15 ----	33.7	-	38.5	35.1	36.1	34.1	37.7	34.7	35.6	-	37.5	33.8	38.6	-	35.4
1928: May 15 ----	33.9	-	38.7	35.3	35.7	34.4	38.1	35.1	35.8	-	37.7	35.5	39.3	-	35.9
1929: May 15 ----	35.5	-	39.6	35.8	35.7	35.0	38.2	35.6	35.5	-	40.4	37.2	39.1	-	36.1
1930: May 15 ----	37.5	-	40.6	37.2	38.0	36.5	40.0	37.3	37.0	-	40.5	38.9	41.4	-	37.9
1931: May 15 ----	37.9	-	40.5	37.4	38.2	37.0	40.2	37.5	36.8	-	40.7	39.3	41.5	-	38.1
1932: May 15 ----	31.6	-	34.7	30.6	33.3	35.3	37.4	31.4	33.1	-	37.3	36.5	35.1	-	32.8
1933: May 15 ----	31.5	-	33.8	30.5	32.6	32.3	34.7	31.3	31.9	-	36.1	33.3	34.4	-	31.9
1934: May 15 ----	31.5	-	33.9	31.0	32.9	32.3	34.9	33.2	32.7	-	35.9	33.8	33.9	-	32.2
1935: May 15 ----	31.9	-	33.4	31.5	33.1	33.9	34.9	33.5	33.1	-	36.1	33.8	34.0	-	32.7
1936: May 15 ----	33.2	-	33.6	33.1	33.9	34.7	35.3	34.0	33.8	-	36.3	33.8	35.7	-	33.8
1937: May 15 ----	35.7	36.6	36.0	35.2	36.4	36.3	36.7	37.3	37.2	36.7	38.4	35.5	38.3	39.0	35.7
1938: June 1 ----	39.1	40.3	39.7	38.4	39.7	40.0	41.2	40.0	40.0	39.1	41.7	39.4	40.8	39.7	40.2
1939: June 1 ----	39.4	40.6	39.9	38.5	39.9	40.1	41.8	40.2	41.3	39.2	41.8	40.0	41.2	39.9	40.5
1940: June 1 ----	39.8	41.2	40.7	39.4	40.2	40.8	42.5	40.6	41.6	39.4	42.5	40.2	41.2	40.2	40.6
1941: June 1 ----	41.2	42.0	41.7	40.3	41.6	42.7	43.5	41.9	43.2	40.5	42.6	40.5	44.0	42.9	41.9
1942: July 1 ----	44.2	44.7	43.2	43.1	44.1	45.6	45.9	43.8	45.1	42.5	43.4	41.8	45.4	44.8	44.3
1943: July 1 ----	44.3	44.7	43.4	43.2	44.6	45.7	46.3	44.1	45.1	43.5	43.6	42.5	46.3	44.9	44.5
1944: July 1 ----	44.6	44.7	43.9	43.6	45.1	46.1	46.6	44.3	45.5	43.8	44.1	43.1	46.7	45.5	44.8
1945: July 1 ----	45.1	45.1	44.9	44.4	45.5	47.0	46.9	45.1	46.1	43.8	45.7	43.9	47.3	45.7	46.3
1946: July 1 ----	49.5	48.7	50.1	49.9	51.1	40.2	49.9	49.6	51.3	48.8	50.8	49.7	52.4	50.9	50.5
1947: July 1 ----	54.9	54.4	57.9	57.5	57.5	56.6	57.2	57.1	59.7	56.5	57.9	58.3	58.6	58.0	56.4
1948: July 1 ----	60.6	61.0	66.0	63.3	64.2	62.0	62.8	62.6	65.2	62.3	64.6	64.9	63.5	61.3	62.5
1949: July 1 ----	65.0	64.4	69.4	65.0	66.1	67.5	66.9	64.6	67.8	65.8	67.1	66.9	66.7	64.6	65.3
1950: July 1 ----	68.2	67.4	71.9	68.2	68.9	69.2	70.1	68.1	74.2	66.8	69.5	70.5	69.0	67.2	68.1
1951: July 1 ----	72.1	70.9	74.9	72.7	73.3	74.4	74.0	71.5	77.6	70.9	71.8	74.9	73.5	71.6	72.3
1952: July 1 ----	75.4	75.4	81.3	77.2	76.6	78.7	76.9	74.8	80.3	74.0	76.9	77.3	78.3	75.9	76.6
1953: July 1 ----	80.9	80.2	83.8	81.2	81.3	81.9	81.9	80.0	84.0	80.4	82.2	81.1	82.1	80.7	80.2
1954: July 1 ----	84.7	83.6	86.5	83.8	83.7	84.3	85.1	82.4	86.2	83.7	84.8	84.4	84.6	83.4	84.5
1955: July 1 ----	87.3	86.0	88.8	86.9	86.9	86.2	88.1	86.1	88.4	87.6	86.8	86.9	88.0	86.8	86.5
1956: July 1 ----	90.7	89.7	92.8	90.6	91.1	90.9	91.5	90.5	92.2	90.9	91.0	91.4	91.6	90.2	90.5
1957: July 1 ----	94.7	95.1	96.4	95.4	95.7	95.5	95.3	95.2	96.1	94.3	96.3	95.8	96.4	95.9	95.3
1958: July 1 ----	100.5	100.1	99.6	99.8	99.7	100.6	100.1	99.9	100.2	100.4	100.0	99.8	99.9	99.9	100.2
1959: July 1 ----	104.7	104.9	104.0	104.8	104.6	103.9	104.5	104.8	103.7	105.3	103.7	104.4	103.8	104.2	104.6
1960: July 1 ----	108.3	109.3	107.1	109.0	108.6	109.3	107.9	109.5	107.3	109.3	107.6	108.1	108.3	108.4	108.4
1961: July 1 ----	111.6	113.8	111.1	113.3	112.8	113.6	113.0	113.6	110.4	113.8	111.4	112.2	112.3	112.3	112.5
1962: July 1 ----	116.4	117.7	114.5	117.4	116.3	119.5	116.4	117.2	114.0	118.4	114.6	116.1	116.5	116.1	116.7
1963: July 1 ----	120.7	121.5	117.8	121.6	120.0	123.2	122.3	121.7	116.9	123.3	119.0	120.1	121.8	119.7	120.5
1964: July 1 ----	125.2	126.4	121.4	125.9	123.9	127.6	126.1	126.5	120.9	128.7	122.8	124.2	126.2	124.6	125.2

Table 2. Indexes of Union Hourly Wage Rates in Each Building Trade, 1907-64—Continued

Date	(1957-59=100)														
	Plas- terers	Plumb- ers	Rodmen	Roofers, composi- tion	Roofers, slate and tile	Sheet- metal workers	Stone- masons	Structural- iron workers	Tile layers	Brick- layers' tenders	Building laborers	Compo- sition roofers' helpers	Plaster- ers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15 ---	16.4	13.8	-	-	-	11.5	13.7	11.7	-	9.7	8.8	-	11.0	-	-
1908: May 15 ---	16.3	13.9	-	-	-	11.8	13.9	12.8	-	9.7	8.8	-	11.5	-	-
1909: May 15 ---	16.5	14.1	-	-	-	11.8	14.0	13.7	-	9.7	8.9	-	11.6	-	-
1910: May 15 ---	16.7	14.3	-	-	-	12.2	14.1	14.6	-	9.9	9.2	-	11.7	-	-
1911: May 15 ---	16.7	15.1	-	-	-	12.6	14.2	14.9	-	10.0	9.3	-	11.7	-	-
1912: May 15 ---	17.1	15.2	-	-	-	12.9	14.4	15.1	15.9	10.0	9.3	-	11.9	-	11.2
1913: May 15 ---	17.3	15.7	-	-	-	13.4	14.8	15.6	16.7	10.2	9.8	-	12.2	-	11.3
1914: May 1 ----	17.3	15.9	-	11.5	14.0	13.9	15.3	16.0	16.8	10.3	9.8	-	12.4	-	11.5
1915: May 1 ----	17.4	16.0	-	11.9	14.6	14.1	15.5	16.0	16.8	10.4	9.9	-	12.4	-	11.8
1916: May 15 ---	18.1	16.1	-	12.0	15.0	14.3	15.7	16.2	17.1	10.7	10.3	-	12.8	-	12.3
1917: May 15 ---	18.6	16.7	-	12.6	16.0	15.0	16.3	17.1	17.9	11.9	11.5	-	13.6	-	12.6
1918: May 15 ---	19.6	18.4	-	14.3	17.5	17.5	17.8	19.6	18.4	13.8	13.4	-	15.7	-	13.0
1919: May 15 ---	22.5	21.9	-	15.9	20.0	19.3	20.0	22.1	20.1	16.2	15.2	-	17.9	-	15.8
1920: May 15 ---	29.5	27.0	-	22.6	25.8	25.9	27.9	28.0	27.0	23.6	22.0	-	25.9	-	25.8
1921: May 15 ---	31.1	28.2	-	23.8	28.1	26.9	28.6	28.6	26.8	23.7	22.2	-	26.8	-	26.0
1922: May 15 ---	29.9	26.2	-	22.7	26.8	24.9	26.6	25.9	26.4	19.7	20.8	-	23.5	-	24.5
1923: May 15 ---	33.3	29.0	-	22.9	30.0	26.8	31.5	27.7	28.9	21.5	21.2	-	25.9	-	25.0
1924: May 15 ---	37.2	31.5	-	26.6	33.2	29.5	33.4	31.3	32.7	22.5	23.6	-	27.8	-	27.2
1925: May 15 ---	37.9	32.2	-	27.4	34.7	30.4	34.0	31.7	33.5	25.1	22.6	-	29.7	-	28.0
1926: May 15 ---	40.7	34.7	-	29.8	35.9	32.5	37.4	34.0	35.1	27.4	24.8	-	31.4	-	30.3
1927: May 15 ---	41.5	35.4	-	30.6	37.5	33.5	38.0	36.4	36.8	28.0	24.9	-	31.7	-	30.7
1928: May 15 ---	41.7	36.1	-	31.3	37.6	32.9	38.4	36.5	36.7	28.0	25.0	-	32.2	-	31.3
1929: May 15 ---	41.1	36.5	-	31.9	38.0	34.1	39.5	36.8	37.1	29.2	25.1	-	32.4	-	30.8
1930: May 15 ---	43.2	37.9	-	33.8	39.2	29.7	40.1	38.8	38.8	30.4	26.5	-	34.3	-	33.5
1931: May 15 ---	43.1	38.3	-	34.1	39.3	36.2	40.3	39.2	39.3	30.2	26.1	-	34.1	-	33.5
1932: May 15 ---	35.8	33.3	-	29.8	34.1	31.4	35.7	34.0	33.8	25.1	22.5	-	28.4	-	29.6
1933: May 15 ---	34.4	33.0	-	29.1	33.3	30.5	33.4	33.6	32.8	24.8	21.2	-	26.7	-	28.2
1934: May 15 ---	34.8	33.3	-	29.7	33.1	30.6	33.3	34.0	32.8	26.4	22.0	-	27.4	-	28.2
1935: May 15 ---	35.2	33.8	-	30.5	34.0	30.9	33.3	34.3	33.1	25.6	22.3	-	27.9	-	29.2
1936: May 15 ---	35.4	34.7	-	30.7	34.3	31.5	33.6	35.2	33.7	26.9	24.2	-	28.4	-	29.6
1937: May 15 ---	39.0	36.6	35.5	33.1	36.8	33.8	37.1	38.5	36.1	29.0	26.5	30.6	31.0	-	31.2
1938: June 1 ----	43.6	41.0	39.0	36.7	39.3	37.1	40.3	41.5	39.5	31.9	28.4	32.6	35.0	31.1	34.4
1939: June 1 ----	44.0	41.4	39.4	36.8	39.7	37.7	40.4	42.0	39.6	32.0	28.5	32.7	35.3	32.0	34.5
1940: June 1 ----	44.2	42.0	39.9	37.6	40.3	38.3	40.2	42.1	39.7	33.2	29.0	33.8	35.3	33.5	34.6
1941: June 1 ----	45.0	43.9	41.9	39.2	41.2	40.2	41.3	44.1	40.2	34.3	30.7	35.1	36.1	35.3	35.4
1942: July 1 ----	46.2	45.7	43.7	42.7	44.9	43.7	43.7	45.6	42.2	37.0	34.1	38.8	38.8	37.8	37.8
1943: July 1 ----	46.3	45.9	44.0	42.9	45.2	43.8	43.8	45.8	42.8	37.2	34.6	39.0	39.1	38.1	38.2
1944: July 1 ----	46.6	46.1	44.1	43.1	45.5	44.1	44.1	46.1	43.2	37.5	32.2	40.1	39.3	38.9	38.3
1945: July 1 ----	47.3	47.2	45.1	43.7	46.4	44.6	45.1	46.8	44.6	38.9	37.1	40.1	40.8	39.9	38.9
1946: July 1 ----	52.3	51.0	49.8	48.7	50.4	50.1	51.2	50.9	50.5	45.3	43.5	45.4	45.9	45.5	45.1
1947: July 1 ----	61.3	59.1	55.9	56.6	56.0	55.3	58.6	57.2	59.1	52.9	50.8	50.2	54.3	52.1	55.5
1948: July 1 ----	65.2	65.5	62.2	62.7	62.2	62.0	67.1	63.8	66.1	59.3	57.3	57.6	61.1	58.3	62.8
1949: July 1 ----	71.3	67.4	65.0	65.6	65.7	63.9	71.1	66.1	69.0	60.9	59.5	60.8	63.4	62.2	65.6
1950: July 1 ----	74.5	69.0	67.6	68.3	67.2	67.0	75.6	69.2	70.5	65.1	62.8	63.9	65.6	64.9	67.8
1951: July 1 ----	78.1	73.1	72.1	72.4	72.4	70.9	78.2	73.7	75.4	68.4	67.3	68.4	71.9	69.4	72.4
1952: July 1 ----	82.6	77.4	75.8	76.3	76.6	76.2	83.8	77.2	78.3	72.9	71.8	74.3	76.3	72.6	75.9
1953: July 1 ----	85.8	80.2	80.2	80.9	80.6	79.7	85.2	81.6	82.8	76.8	77.3	78.0	80.6	77.5	79.8
1954: July 1 ----	87.3	84.6	83.1	83.7	83.5	83.5	87.1	84.5	85.1	80.1	80.7	80.4	83.5	81.6	84.0
1955: July 1 ----	90.0	86.7	86.7	86.9	86.5	86.7	89.7	87.6	88.0	83.4	84.3	84.2	86.8	85.1	86.9
1956: July 1 ----	93.4	90.5	90.7	91.3	91.1	90.6	93.8	91.3	91.4	89.9	89.1	89.1	91.5	89.6	91.2
1957: July 1 ----	96.8	95.5	95.7	95.9	95.6	94.9	96.5	96.1	96.4	94.7	94.7	95.3	95.9	94.7	95.1
1958: July 1 ----	99.9	99.6	99.5	99.5	100.1	100.2	100.1	99.3	99.2	99.3	99.4	99.6	100.0	99.8	99.1
1959: July 1 ----	103.2	104.9	104.8	104.6	104.3	105.0	103.4	104.7	104.4	106.1	106.0	105.1	104.2	105.5	105.7
1960: July 1 ----	107.5	108.3	109.5	109.4	108.4	109.7	106.9	108.3	108.8	110.4	110.9	109.4	108.7	111.6	112.7
1961: July 1 ----	109.9	112.3	113.7	113.8	112.2	113.6	111.4	112.6	114.1	115.6	116.4	114.3	112.8	117.0	117.3
1962: July 1 ----	113.4	116.6	118.8	118.4	115.4	118.0	114.2	117.4	116.6	121.2	120.2	118.0	116.4	122.5	122.9
1963: July 1 ----	116.1	121.3	122.8	122.9	120.4	123.1	117.6	121.4	121.8	124.9	124.6	123.5	119.8	126.3	128.7
1964: July 1 ----	121.1	126.2	127.8	127.7	125.6	127.2	120.8	125.9	125.8	130.7	129.8	129.3	125.6	132.7	134.0



Table 3. Increases in Rates in the Building Trades, July 1, 1963-July 1, 1964, and Average Union Hourly Wage Rates, July 1, 1964

Trade	Amount of increase, July 1, 1963-July 1, 1964		Range of rates, July 1, 1964		Average rate per hour, July 1, 1964	Trade	Amount of increase, July 1, 1963-July 1, 1964		Range of rates, July 1, 1964		Average rate per hour, July 1, 1964
	Percent	Cents per hour	Low	High			Percent	Cents per hour	Low	High	
All building trades.....	3.7	15	-	-	\$4.25	Journeyman-Continued					
Journeymen.....	3.6	16	-	-	\$4.46	Roofers, composition.....	3.9	16	\$2.05	\$5.25	\$4.17
Asbestos workers.....	3.8	16	\$3.65	\$5.25	4.52	Roofers, slate and tile.....	4.3	17	2.80	5.47	4.13
Boilermakers.....	4.0	18	4.20	5.60	4.72	Sheet-metal workers.....	3.3	14	3.50	5.25	4.50
Bricklayers.....	3.0	14	3.25	5.83	4.72	Stonemasons.....	2.7	12	3.75	5.66	4.51
Carpenters.....	3.5	15	2.80	5.47	4.36	Structural-iron workers.....	3.7	16	3.58	5.85	4.61
Cement finishers.....	3.3	13	3.05	5.35	4.24	Tile layers.....	3.3	14	3.25	5.00	4.42
Electricians (inside wiremen).....	3.5	16	3.60	5.43	4.68	Helpers and laborers.....	4.3	14	-	-	3.40
Elevator constructors.....	3.1	14	3.72	5.80	4.73	Bricklayers' tenders.....	4.7	16	1.70	4.65	3.61
Glaziers.....	3.9	15	2.50	5.05	4.08	Building laborers.....	4.1	13	1.55	4.65	3.29
Lathers.....	3.4	15	3.00	5.50	4.49	Composition roofers' helpers.....	4.7	12	1.40	3.68	2.67
Machinists.....	4.4	20	3.96	5.45	4.68	Elevator constructors' helpers.....	2.9	10	2.10	4.35	3.44
Marble setters.....	3.2	14	3.45	4.90	4.45	Marble setters' helpers.....	4.0	14	1.75	4.49	3.69
Mosaic and terrazzo workers.....	3.4	15	3.25	5.45	4.48	Plasterers' laborers.....	4.9	17	1.70	5.45	3.75
Painters.....	3.6	14	2.75	5.35	4.11	Plumbers' laborers.....	5.0	16	2.05	4.30	3.43
Paperhangers.....	4.1	16	2.75	4.86	4.04	Terrazzo workers' helpers.....	4.4	16	1.80	4.48	3.74
Pipefitters.....	3.9	17	3.45	5.92	4.62	Tile layers' helpers.....	4.1	15	1.75	4.17	3.67
Plasterers.....	4.3	19	3.40	5.55	4.59						
Plumbers.....	4.1	18	3.44	5.71	4.70						
Rodmen.....	4.0	18	3.33	5.85	4.50						

Table 4. Percent Changes in Union Wage Rates and Percent of Building-Trades Workers Affected July 1, 1963-July 1, 1964

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—									
	Increase	No change	Less than 2 percent	2 and under 3 percent	3 and under 4 percent	4 and under 5 percent	5 and under 6 percent	6 and under 7 percent	7 and under 8 percent	8 and under 9 percent	9 and under 10 percent	10 percent and over
All building trades.....	90.1	9.9	6.6	14.2	25.4	21.0	13.5	5.0	2.4	0.6	0.3	1.1
Journeymen.....	89.8	10.2	7.1	16.0	27.9	18.9	11.5	5.0	1.8	0.5	0.3	0.9
Asbestos workers.....	88.5	11.5	2.9	18.0	28.2	21.8	11.7	1.1	.6	1.3	-	2.9
Boilermakers.....	93.7	6.3	-	9.6	28.9	23.3	32.0	-	-	-	-	-
Bricklayers.....	89.0	11.0	4.9	37.3	29.4	7.3	4.0	.3	4.1	.7	.8	-
Carpenters.....	90.6	9.4	10.0	12.8	33.1	18.6	10.1	5.7	.4	-	-	-
Cement finishers.....	96.3	3.7	17.6	16.3	40.0	11.2	6.5	4.3	.3	.1	-	-
Electricians (inside wiremen).....	85.5	14.5	4.1	9.1	35.1	24.5	4.4	.7	4.0	-	.6	3.1
Elevator constructors.....	96.7	3.3	28.3	19.0	22.8	12.6	12.1	-	1.8	-	-	-
Glaziers.....	95.8	4.2	14.4	19.6	22.9	16.4	15.2	-	.1	.9	-	6.4
Lathers.....	88.0	12.0	2.1	20.8	37.3	11.4	3.5	2.7	4.1	6.2	( <sup>1</sup> )	-
Machinists.....	95.6	4.4	3.0	2.0	8.8	59.3	19.3	.4	.4	-	-	2.4
Marble setters.....	85.8	14.2	3.7	74.0	19.8	26.6	4.5	6.4	.5	-	-	.3
Mosaic and terrazzo workers.....	84.5	15.5	2.7	25.1	34.2	5.0	14.0	1.7	-	.4	-	1.5
Painters.....	84.0	16.0	.8	12.9	21.5	20.8	19.8	3.2	2.4	.1	2.2	.1
Paperhangers.....	92.2	7.8	.9	14.9	18.4	24.5	16.1	11.3	3.9	2.0	-	-
Pipefitters.....	92.8	7.2	9.7	17.1	18.9	20.4	14.4	8.4	2.1	.1	-	1.8
Plasterers.....	84.1	15.9	10.4	10.0	27.7	10.1	10.1	3.7	1.2	.7	-	10.3
Plumbers.....	92.9	7.1	1.9	19.2	17.2	17.0	17.2	18.4	2.0	-	-	-
Rodmen.....	96.0	4.0	4.0	12.3	36.4	17.8	16.9	3.7	1.0	3.8	-	-
Roofers, composition.....	98.9	1.1	4.7	27.7	27.8	17.9	2.5	8.6	9.0	.5	-	-
Roofers, slate and tile.....	95.3	4.7	10.3	13.5	23.3	14.0	23.4	3.6	.9	.8	1.2	4.3
Sheet-metal workers.....	81.6	18.4	7.3	11.2	13.9	30.3	9.6	2.5	2.2	2.3	-	2.3
Stonemasons.....	83.9	16.1	18.3	32.7	16.0	4.6	2.6	6.0	1.4	2.2	.1	-
Structural-iron workers.....	96.2	3.8	7.6	18.4	28.8	20.7	14.5	3.9	2.4	-	-	-
Tile layers.....	96.0	4.0	3.1	48.3	20.5	4.6	15.2	1.5	.3	2.0	-	.6
Helpers and laborers.....	91.0	9.0	4.8	6.9	15.4	29.5	21.6	5.0	4.9	1.0	.1	2.0
Bricklayers' tenders.....	90.9	9.1	2.5	5.3	15.5	18.0	36.7	3.3	6.7	.2	.1	2.5
Building laborers.....	90.9	9.1	4.1	7.2	13.5	35.0	19.7	4.7	4.5	1.4	-	.8
Composition roofers' helpers.....	89.7	10.3	8.5	1.7	20.2	.2	22.3	23.2	5.1	-	-	8.4
Elevator constructors' helpers.....	95.1	4.9	30.6	14.9	23.3	13.4	11.6	.9	.3	-	-	-
Marble setters' helpers.....	85.2	14.8	.2	10.2	19.2	32.9	9.4	-	13.3	-	-	-
Plasterers' laborers.....	90.0	10.0	3.3	5.5	33.9	17.5	11.0	6.4	1.0	-	-	11.3
Plumbers' laborers.....	91.0	9.0	7.5	6.0	4.3	19.3	8.3	27.4	15.5	-	-	2.9
Terrazzo workers' helpers.....	88.7	11.3	4.5	11.2	12.6	40.1	5.5	.4	5.4	2.2	-	6.9
Tile layers' helpers.....	98.3	1.7	19.0	5.9	16.5	14.4	32.1	1.9	6.2	-	2.4	-

<sup>1</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal totals.

Table 5. Cents-Per-Hour Increases in Union Wage Rates and Percent of Building-Trades Workers July 1, 1963-July 1, 1964

Trade	Percent of union workers affected by increase	Percent of workers affected by increase of—									
		Less than 5 cents	5 and under 7½ cents	7½ and under 10 cents	10 and under 12½ cents	12½ and under 15 cents	15 and under 20 cents	20 and under 25 cents	25 and under 30 cents	30 and under 35 cents	35 cents and over
All building trades.....	90.1	0.3	4.7	3.3	13.9	8.7	28.9	13.5	12.0	2.6	2.2
Journeyman.....	89.8	0.4	4.0	3.0	13.8	6.4	29.1	15.9	11.8	3.0	2.5
Asbestos workers.....	88.5	.6	1.8	.6	11.3	11.7	25.2	19.7	12.8	.6	4.2
Boilermakers.....	93.7	-	-	-	9.6	-	26.5	26.5	31.1	-	-
Bricklayers.....	89.0	-	3.5	5.1	10.7	8.7	41.2	9.7	4.3	4.2	1.5
Carpenters.....	90.6	-	6.4	4.4	10.9	4.5	34.9	10.8	18.7	-	-
Cement finishers.....	96.3	.4	8.2	3.1	21.8	14.1	32.5	11.4	4.6	.1	-
Electricians (inside wiremen).....	85.5	-	3.1	.9	8.1	7.9	30.7	23.9	3.2	2.5	5.1
Elevator constructors.....	96.7	-	4.2	7.6	33.8	10.5	17.7	12.9	8.2	1.8	-
Glaziers.....	95.8	1.6	12.8	1.4	29.0	5.1	19.5	19.0	.1	.9	6.4
Lathers.....	88.0	.6	1.5	1.2	18.4	13.0	28.8	8.5	5.8	-	10.3
Machinists.....	95.6	-	-	-	5.1	-	26.7	41.4	19.7	-	2.8
Marble setters.....	85.8	-	3.7	1.1	19.6	3.4	27.1	22.8	4.7	3.0	.3
Mosaic and terrazzo workers.....	84.5	-	2.7	-	18.5	8.2	15.7	30.2	5.6	2.1	1.5
Painters.....	84.0	-	.8	.2	17.2	12.8	24.6	17.4	7.3	.9	2.9
Paperhangers.....	92.2	-	.9	2.2	16.0	14.6	24.7	16.0	14.0	1.7	2.0
Pipefitters.....	92.8	.5	1.8	7.4	14.7	5.4	18.6	20.2	11.9	7.1	5.3
Plasterers.....	84.1	-	8.8	1.6	10.5	5.0	22.8	14.3	4.7	5.5	11.0
Plumbers.....	92.9	.9	-	1.0	16.9	4.3	17.9	19.6	11.8	18.4	2.0
Rodmen.....	96.0	-	1.0	3.0	14.9	5.8	30.7	18.0	18.7	-	3.8
Roofers, composition.....	98.9	2.0	2.9	2.2	30.7	6.7	20.8	17.4	5.0	11.2	-
Roofers, slate and tile.....	95.3	1.7	8.2	3.9	12.4	4.2	20.6	26.3	10.8	1.4	5.8
Sheet-metal workers.....	81.6	3.1	2.5	1.7	9.7	4.0	22.2	25.4	4.3	4.2	4.6
Stonemasons.....	83.9	-	13.4	3.2	32.0	2.4	15.9	4.7	4.7	1.4	6.1
Structural-iron workers.....	96.2	-	5.1	2.8	18.8	2.9	31.7	15.8	14.2	.4	4.6
Tile layers.....	96.0	-	3.1	.8	41.9	6.9	24.2	5.9	9.1	1.5	2.6
Helpers and laborers.....	91.0	.1	7.5	4.2	14.2	18.0	28.0	4.1	13.0	.8	1.1
Bricklayers' tenders.....	90.9	-	5.6	1.3	16.4	6.0	25.5	4.1	30.3	.3	1.5
Building laborers.....	90.9	-	6.7	4.9	13.6	22.3	30.6	2.0	10.0	.8	-
Composition roofers' helpers.....	89.7	-	10.6	3.1	33.7	7.7	21.1	-	5.1	8.4	-
Elevator constructors' helpers.....	95.1	2.2	37.6	9.6	26.4	4.5	19.9	-	-	-	-
Marble setters' helpers.....	85.2	.2	.7	4.0	11.7	9.5	23.5	22.3	13.3	-	-
Plasterers' laborers.....	90.0	-	5.2	6.0	12.1	21.6	20.1	12.3	11.5	.6	10.7
Plumbers' laborers.....	91.0	-	8.1	-	13.0	6.3	16.6	9.0	35.2	2.9	-
Terrazzo workers' helpers.....	88.7	1.4	5.6	1.6	14.6	5.4	25.7	20.3	5.0	2.2	6.9
Tile layers' helpers.....	98.3	.2	22.2	2.3	12.7	5.4	18.4	28.7	6.2	2.4	-

NOTE: Because of rounding, sums of individual items may not equal totals.

Table 6. Increases in Union Wage Rates in the Building Trades by City, July 1, 1963-July 1, 1964

City	Percent of increase			Cents-per-hour increase		
	All trades	Journeyman	Helpers and laborers	All trades	Journeyman	Helpers and laborers
All cities.....	3.7	3.6	4.3	15	16	14
Albuquerque, N. Mex.....	4.1	3.2	11.9	16	13	29
Atlanta, Ga.....	3.5	3.2	6.3	13	12	15
Baltimore, Md.....	2.9	2.5	4.0	10	10	10
Birmingham, Ala.....	3.9	3.4	6.7	14	13	15
Boston, Mass.....	5.8	6.0	4.5	23	26	14
Buffalo, N. Y.....	2.0	2.5	.2	8	11	1
Charlotte, N. C.....	3.6	3.6	-	12	12	-
Chicago, Ill.....	3.8	3.6	5.1	16	16	17
Cincinnati, Ohio.....	3.7	4.0	1.7	15	17	5
Cleveland, Ohio.....	3.9	3.8	5.2	17	16	20
Columbus, Ohio.....	2.3	2.1	3.3	9	10	9
Dallas, Tex.....	3.5	3.4	4.8	13	13	10
Dayton, Ohio.....	3.2	2.8	5.4	13	12	16
Denver, Colo.....	4.0	3.6	5.3	15	15	15
Des Moines, Iowa.....	3.7	3.6	4.7	14	14	15
Detroit, Mich.....	4.1	4.6	.2	17	19	1
Erie, Pa.....	3.0	2.9	4.0	12	12	12
Evansville, Ind.....	3.8	3.6	4.3	14	14	12
Fresno, Calif.....	4.9	5.0	4.3	21	22	15
Grand Rapids, Mich.....	3.2	3.3	2.7	12	13	8
Houston, Tex.....	3.0	3.3	.2	11	13	( <sup>1</sup> )
Indianapolis, Ind.....	3.3	3.2	3.5	13	13	10
Jackson, Miss.....	1.8	1.9	.2	6	7	( <sup>1</sup> )
Jacksonville, Fla.....	2.3	2.1	6.2	8	8	10
Kansas City, Mo.....	2.2	1.9	5.0	9	8	15
Knoxville, Tenn.....	3.5	3.5	3.5	12	13	8
Little Rock, Ark.....	3.5	3.2	7.0	12	12	15
Los Angeles, Calif.....	3.8	3.8	3.9	16	17	14
Louisville, Ky.....	2.8	2.7	3.4	11	11	10
Lubbock, Tex.....	3.0	3.0	3.0	10	11	7
Madison, Wis.....	3.9	3.7	4.6	14	14	15
Memphis, Tenn.....	4.3	4.3	5.1	16	16	10
Milwaukee, Wis.....	3.1	3.1	3.1	12	12	10
Minneapolis-St. Paul, Minn.....	3.8	2.7	7.4	14	11	24
Newark, N. J.....	3.8	3.7	4.9	19	19	20
New Haven, Conn.....	3.8	3.6	4.7	15	15	15
New Orleans, La.....	3.5	2.7	8.1	12	10	17
New York, N. Y.....	4.2	3.7	6.0	20	19	26
Norfolk, Va.....	2.9	2.7	3.9	9	10	7
Oklahoma City, Okla.....	2.2	2.3	1.9	8	9	5
Omaha, Nebr.....	2.7	3.0	1.8	11	12	5
Peoria, Ill.....	2.9	2.7	3.5	12	12	13
Philadelphia, Pa.....	4.3	4.3	4.4	18	19	12
Phoenix, Ariz.....	3.2	3.0	4.1	13	13	13
Pittsburgh, Pa.....	4.2	4.0	5.4	18	19	17
Portland, Oreg.....	3.8	3.9	3.1	15	16	10
Providence, R.I.....	3.3	3.2	3.5	12	13	10
Richmond, Va.....	2.7	2.6	3.9	9	10	7
Rochester, N. Y.....	3.9	3.7	5.3	16	16	17
Sacramento, Calif.....	5.1	5.2	4.5	22	23	16
St. Louis, Mo.....	2.9	2.9	3.0	12	12	10
Salt Lake City, Utah.....	5.2	5.0	6.5	19	20	18
San Antonio, Tex.....	5.1	4.9	7.6	18	18	15
San Diego, Calif.....	3.6	4.3	.8	16	20	3
San Francisco-Oakland, Calif.....	4.5	4.3	5.3	19	20	19
Scranton, Pa.....	3.7	3.6	4.3	14	14	13
Seattle, Wash.....	3.1	3.1	3.0	13	13	10
Shreveport, La.....	2.8	2.9	2.5	9	10	5
South Bend, Ind.....	2.9	2.7	3.4	11	11	10
Spokane, Wash.....	3.1	3.0	3.7	12	12	12
Springfield, Mass.....	4.2	4.0	5.0	16	16	15
Syracuse, N. Y.....	4.5	4.5	4.3	18	19	15
Tampa, Fla.....	2.8	2.5	6.8	10	9	14
Toledo, Ohio.....	2.9	2.9	3.0	12	12	10
Topeka, Kans.....	2.0	2.2	.1	7	8	( <sup>1</sup> )
Trenton, N. J.....	3.9	3.7	4.5	17	18	15
Tulsa, Okla.....	3.2	3.2	3.5	12	12	10
Washington, D. C.....	3.0	3.1	2.6	12	13	7

<sup>1</sup> Less than 0.5 cents.

Table 7. Distribution of Union Members in the Building Trades by Hourly Wage Rates, July 1, 1964

Trade	Average hourly rate	Percent of union journeymen whose rates (in cents) per hour were--																			
		Under 350	350 and under 360	360 and under 370	370 and under 380	380 and under 390	390 and under 400	400 and under 410	410 and under 420	420 and under 430	430 and under 440	440 and under 450	450 and under 460	460 and under 470	470 and under 480	480 and under 490	490 and under 500	500 and under 510	510 and under 520	520 and under 540	540 and over
Journeymen-----	\$4.46	2.4	1.8	1.1	2.1	3.2	5.1	6.2	7.4	7.7	10.0	12.0	5.8	7.0	2.7	4.0	4.2	3.0	1.7	4.2	8.3
Asbestos workers-----	4.52	-	-	1.0	3.1	-	3.6	4.7	9.1	8.5	10.1	13.4	7.0	5.1	4.2	8.1	12.8	-	3.7	5.6	-
Boilermakers-----	4.72	-	-	-	-	-	-	-	-	22.6	7.0	5.9	3.2	13.5	6.3	-	2.0	26.4	-	2.4	10.6
Bricklayers-----	4.72	.5	.1	-	.4	-	.8	4.4	1.8	5.7	12.0	6.1	17.8	9.0	3.0	1.7	14.9	-	3.7	2.5	15.7
Carpenters-----	4.36	2.9	2.9	1.4	2.0	5.0	7.1	8.4	4.6	7.4	13.7	20.4	.7	8.1	1.5	(1)	-	-	-	-	13.7
Cement finishers-----	4.24	6.0	2.5	2.6	2.5	4.6	6.2	8.9	17.1	14.3	10.8	.9	.8	10.5	.7	3.0	.5	.2	.1	7.8	-
Electricians (inside wiremen)-----	4.68	-	-	.6	-	-	2.9	3.8	7.3	11.3	3.0	7.6	5.5	14.3	1.0	.6	12.2	7.5	2.5	13.3	6.7
Elevator constructors-----	4.73	-	-	-	1.9	.7	4.5	1.3	12.6	6.6	11.3	8.0	3.7	6.8	2.2	10.2	9.3	-	-	-	20.9
Glaziers-----	4.08	13.1	5.5	4.5	7.0	4.9	7.1	4.3	5.9	6.3	16.0	16.9	-	-	-	-	2.2	6.4	-	-	-
Lathers-----	4.49	1.2	.3	2.6	1.7	2.4	5.2	2.3	8.3	6.6	14.0	13.8	8.5	3.2	9.3	3.5	-	6.5	-	2.9	7.9
Machinists-----	4.68	-	-	-	-	-	1.4	2.4	-	4	19.5	15.2	3.2	2.7	28.2	1.8	1.8	-	17.4	2.8	3.0
Marble setters-----	4.45	3.0	2.9	1.5	1.6	2.0	3.2	8.3	1.0	5.6	16.4	3.6	4.2	13.8	2.2	11.9	18.9	-	-	-	-
Mosaic and terrazzo workers-----	4.48	4.3	5.2	1.1	1.4	2.0	3.9	9.6	4.1	6.8	6.7	6.5	11.7	5.9	8.2	1.9	2.4	-	-	-	18.3
Painters-----	4.11	7.5	3.7	2.4	5.7	5.3	10.6	8.2	5.0	15.6	4.6	8.9	18.6	1.7	.1	.3	.1	.3	1.0	.5	-
Paperhangers-----	4.04	11.4	3.2	.7	8.1	5.3	19.6	3.4	7.3	18.1	6.9	1.6	-	13.0	-	1.4	-	-	-	-	-
Pipefitters-----	4.62	.2	-	1.4	1.2	.8	3.6	13.8	4.8	10.0	9.6	9.9	2.9	.9	15.3	2.2	9.6	.9	6.9	5.9	-
Plasterers-----	4.59	.8	.1	2.9	1.9	1.4	2.8	6.9	12.5	3.6	6.4	14.5	4.6	9.6	6.9	2.5	.5	-	-	1.2	20.8
Plumbers-----	4.70	.1	-	-	.5	1.0	1.0	3.5	12.2	2.2	7.1	12.2	1.9	6.4	4.0	9.2	9.0	1.2	4.3	17.9	6.2
Rodmen-----	4.50	1.9	.2	-	4.7	5.0	4.0	6.1	6.5	6.0	13.7	4.0	2.6	4.4	18.2	2.6	-	5.3	6.8	2.5	5.6
Roofers, composition-----	4.17	13.3	6.1	4.7	2.6	1.8	2.6	9.6	6.7	7.7	11.4	2.2	7.9	-	6.6	.6	12.5	-	-	3.7	-
Roofers, slate and tile-----	4.13	14.2	7.6	4.1	6.2	2.4	1.2	2.7	18.4	6.6	7.0	2.9	.9	-	3.3	11.8	2.2	2.9	-	4.5	1.2
Sheet-metal workers-----	4.50	-	1.2	-	3.3	4.2	4.5	7.1	15.9	1.0	8.8	7.5	1.2	5.1	-	15.9	10.9	2.4	3.9	7.2	-
Stonemasons-----	4.51	-	-	-	6.2	-	.6	2.1	16.3	5.5	19.7	3.0	11.2	12.7	.8	5.7	3.1	-	2.3	1.4	9.4
Structural-iron workers-----	4.61	-	1.8	1.2	.3	4.0	5.7	3.9	6.1	4.9	8.6	2.4	10.0	4.9	6.2	10.5	2.1	13.2	6.6	2.2	5.4
Tile layers-----	4.42	1.8	2.6	2.4	3.0	1.8	5.4	4.1	10.0	4.6	3.3	10.5	10.3	2.5	16.8	14.8	.4	5.8	-	-	-
Percent of union helpers and laborers whose rates (in cents) per hour were--																					
		Under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and under 350	350 and under 360	360 and under 370	370 and under 380	380 and under 390	390 and under 400	400 and under 420	420 and over
Helpers and laborers-----	3.40	6.2	1.1	2.2	1.3	2.1	0.7	6.1	1.0	6.8	2.6	6.1	6.8	11.8	20.4	3.5	3.4	1.4	0.8	1.9	13.8
Bricklayers' tenders-----	3.61	4.4	.9	3.2	.8	4.1	.2	1.7	1.5	6.0	3.0	5.6	7.6	5.5	11.4	6.1	3.6	5.2	-	1.2	28.0
Building laborers-----	3.29	7.4	.9	1.8	1.5	1.4	.8	8.2	.3	7.6	2.0	6.7	6.6	14.7	26.5	2.0	3.1	-	-	.9	7.5
Composition roofers' helpers-----	2.67	23.7	13.3	.2	-	3.1	-	8.5	16.6	-	15.5	-	8.4	3.8	5.1	1.7	-	-	-	-	-
Elevator constructors' helpers-----	3.44	.8	-	-	-	1.5	3.9	5.2	10.3	15.2	4.6	9.6	9.2	14.7	-	-	-	-	-	-	24.9
Marble setters' helpers-----	3.69	2.3	-	-	.4	.6	-	2.2	2.3	6.2	6.0	1.8	10.9	-	22.5	7.2	9.0	8.2	2.8	17.7	-
Plasterers' laborers-----	3.75	4.1	3.3	5.7	1.1	2.9	-	2.3	1.0	1.7	3.9	2.5	5.3	3.5	5.6	7.1	1.6	1.2	2.3	3.9	41.0
Plumbers' laborers-----	3.43	1.3	-	1.9	2.8	8.7	2.9	1.1	3.0	7.6	3.8	2.5	11.1	3.9	2.9	10.9	11.6	7.5	-	3.2	13.3
Terrazzo workers' helpers-----	3.74	2.0	1.6	.5	.1	.5	.2	.3	2.6	1.4	.7	6.2	4.7	7.9	2.7	7.0	13.2	9.5	8.3	9.3	21.3
Tile layers' helpers-----	3.67	1.3	-	.2	.6	.5	-	-	2.8	.5	6.2	6.0	8.3	6.9	4.4	7.4	5.5	5.3	20.9	23.1	-

<sup>1</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 8. Average Union Hourly Wage Rates in the Building Trades by City and Population Group, July 1, 1964

City and population group	Average hourly rate	City and population group	Average hourly rate
<u>Journeyman</u>		<u>Helpers and laborers</u>	
Population group I (1,000,000 and over):		Population group I (1,000,000 and over):	
New York, N. Y.....	\$5.26	New York, N. Y.....	\$4.58
<u>Average for group I</u> .....	4.83	<u>Average for group I</u> .....	3.86
Los Angeles, Calif.....	4.73	Los Angeles, Calif.....	3.63
Chicago, Ill.....	4.69	Chicago, Ill.....	3.54
Philadelphia, Pa.....	4.56	Detroit, Mich.....	3.27
Detroit, Mich.....	4.32	Philadelphia, Pa.....	2.95
Population group II (500,000 to 1,000,000):		Population group II (500,000 to 1,000,000):	
San Francisco-Oakland, Calif.....	4.78	Cleveland, Ohio.....	4.01
Pittsburgh, Pa.....	4.76	San Francisco-Oakland, Calif.....	3.78
San Diego, Calif.....	4.73	San Diego, Calif.....	3.55
Boston, Mass.....	4.55	Buffalo, N. Y.....	3.51
Cleveland, Ohio.....	4.51	St. Louis, Mo.....	3.50
<u>Average for group II</u> .....	4.45	Seattle, Wash.....	3.41
St. Louis, Mo.....	4.43	Pittsburgh, Pa.....	3.40
Washington, D. C.....	4.43	Milwaukee, Wis.....	3.35
Seattle, Wash.....	4.42	Cincinnati, Ohio.....	3.34
Buffalo, N. Y.....	4.41	Boston, Mass.....	3.29
Cincinnati, Ohio.....	4.35	<u>Average for group II</u> .....	3.28
Baltimore, Md.....	4.22	Washington, D. C.....	2.88
Milwaukee, Wis.....	4.16	Baltimore, Md.....	2.60
Houston, Tex.....	4.15	Houston, Tex.....	2.49
Dallas, Tex.....	4.00	New Orleans, La.....	2.31
San Antonio, Tex.....	3.92	Dallas, Tex.....	2.17
New Orleans, La.....	3.84	San Antonio, Tex.....	2.05
Population group III (250,000 to 500,000):		Population group III (250,000 to 500,000):	
Newark, N. J.....	5.22	Newark, N. J.....	4.19
Rochester, N. Y.....	4.52	Toledo, Ohio.....	3.51
Phoenix, Ariz.....	4.50	Minneapolis-St. Paul, Minn.....	3.50
Toledo, Ohio.....	4.40	Rochester, N. Y.....	3.49
Dayton, Ohio.....	4.30	Phoenix, Ariz.....	3.36
Indianapolis, Ind.....	4.27	Portland, Ore.....	3.35
Denver, Colo.....	4.26	Dayton, Ohio.....	3.17
<u>Average for group III</u> .....	4.25	Columbus, Ohio.....	3.16
Portland, Ore.....	4.20	<u>Average for group III</u> .....	3.14
Kansas City, Mo.....	4.18	Kansas City, Mo.....	3.07
Louisville, Ky.....	4.15	Indianapolis, Ind.....	3.05
Columbus, Ohio.....	4.14	Louisville, Ky.....	3.05
Omaha, Nebr.....	4.08	Denver, Colo.....	2.95
Minneapolis-St. Paul, Minn.....	4.04	Omaha, Nebr.....	2.89
Atlanta, Ga.....	4.03	Tulsa, Okla.....	2.89
Memphis, Tenn.....	4.02	Oklahoma City, Okla.....	2.68
Birmingham, Ala.....	3.99	Atlanta, Ga.....	2.44
Oklahoma City, Okla.....	3.94	Birmingham, Ala.....	2.35
Tulsa, Okla.....	3.94	Tampa, Fla.....	2.14
Tampa, Fla.....	3.75	Memphis, Tenn.....	2.13
Norfolk, Va.....	3.66	Norfolk, Va.....	1.85
Population group IV (100,000 to 250,000):		Population group IV (100,000 to 250,000):	
Trenton, N. J.....	4.97	Peoria, Ill.....	3.73
Fresno, Calif.....	4.70	Fresno, Calif.....	3.63
Sacramento, Calif.....	4.59	Sacramento, Calif.....	3.61
Syracuse, N. Y.....	4.47	Syracuse, N. Y.....	3.60
Peoria, Ill.....	4.45	Trenton, N. J.....	3.47
New Haven, Conn.....	4.41	New Haven, Conn.....	3.46
Spokane, Wash.....	4.30	Madison, Wis.....	3.35
Albuquerque, N. Mex.....	4.29	Spokane, Wash.....	3.35
Erie, Pa.....	4.19	Des Moines, Iowa.....	3.34
Springfield, Mass.....	4.19	Erie, Pa.....	3.20
Des Moines, Iowa.....	4.17	Scranton, Pa.....	3.12
<u>Average for group IV</u> .....	4.16	Springfield, Mass.....	3.11
Grand Rapids, Mich.....	4.14	<u>Average for group IV</u> .....	3.09
South Bend, Ind.....	4.14	Providence, R. I.....	3.08
Evansville, Ind.....	4.09	Grand Rapids, Mich.....	3.07
Salt Lake City, Utah.....	4.09	South Bend, Ind.....	3.07
Providence, R. I.....	4.08	Salt Lake City, Utah.....	2.94
Madison, Wis.....	4.00	Evansville, Ind.....	2.93
Scranton, Pa.....	3.95	Albuquerque, N. Mex.....	2.75
Topeka, Kans.....	3.95	Topeka, Kans.....	2.63
Knoxville, Tenn.....	3.91	Lubbock, Tex.....	2.45
Jacksonville, Fla.....	3.76	Knoxville, Tenn.....	2.30
Little Rock, Ark.....	3.76	Little Rock, Ark.....	2.28
Lubbock, Tex.....	3.73	Shreveport, La.....	1.94
Richmond, Va.....	3.71	Richmond, Va.....	1.89
Shreveport, La.....	3.64	Jackson, Miss.....	1.71
Jackson, Miss.....	3.60	Jacksonville, Fla.....	1.68
Charlotte, N. C.....	3.56		

Table 9. Average Union Hourly Wage Rates in the Building Trades by Region, <sup>1</sup> July 1, 1964

Trade	United States	Region								
		New England	Middle Atlantic	Border States	Southeast	Great Lakes	Middle West	Southwest	Mountain	Pacific
All building trades.....	\$4.25	\$4.10	\$4.78	\$3.82	\$3.58	\$4.20	\$4.05	\$3.63	\$4.04	\$4.42
Journeymen.....	\$4.46	\$4.36	\$4.97	\$4.18	\$3.83	\$4.38	\$4.24	\$3.89	\$4.33	\$4.65
Asbestos workers.....	4.52	4.61	4.80	4.33	3.97	4.53	4.32	4.29	4.28	4.89
Boilermakers.....	4.72	4.60	5.18	4.51	4.25	4.60	4.36	4.20	4.77	4.95
Bricklayers.....	4.72	4.55	.25	4.43	4.11	4.60	4.49	4.23	4.54	4.78
Carpenters.....	4.36	4.13	.04	3.87	3.64	4.27	4.15	3.70	4.22	4.38
Cement finishers.....	4.24	4.45	1.98	3.93	3.38	4.26	4.14	3.71	4.17	4.25
Electricians (inside wiremen).....	4.68	4.57	5.05	4.42	4.06	4.60	4.60	4.14	4.49	5.14
Elevator constructors.....	4.73	4.54	5.48	4.31	3.97	4.48	4.29	4.10	4.47	4.84
Glaziers.....	4.08	3.97	4.47	3.98	3.32	4.06	4.01	3.43	3.68	4.31
Lathers.....	4.49	4.52	5.07	4.15	3.63	4.33	4.35	4.02	4.29	4.46
Machinists.....	4.68	4.35	5.06	4.37	4.05	4.62	4.46	4.25	4.69	5.08
Marble setters.....	4.45	4.54	4.77	4.49	3.98	4.43	4.26	3.94	3.93	4.64
Mosaic and terrazzo workers.....	4.48	4.50	5.16	4.08	3.82	4.20	4.37	3.62	4.37	4.57
Painters.....	4.11	3.90	4.39	3.87	3.50	4.08	3.97	3.56	3.85	4.42
Paperhangers.....	4.04	3.87	3.84	4.04	3.75	4.05	4.05	3.56	3.90	4.55
Pipefitters.....	4.62	4.60	4.86	4.29	4.05	4.55	4.48	4.18	4.47	5.16
Plasterers.....	4.59	4.39	5.32	4.13	3.72	4.37	4.11	4.05	4.33	4.49
Plumbers.....	4.70	4.53	4.87	4.33	4.08	4.53	4.58	4.14	4.51	5.20
Rodmen.....	4.50	4.89	5.12	4.31	3.78	4.57	4.12	3.84	4.36	4.65
Roofers, composition.....	4.17	4.27	4.71	3.32	3.10	4.27	3.80	3.38	4.08	4.37
Roofers, slate and tile.....	4.13	4.81	4.50	3.92	3.16	4.36	3.83	3.42	3.40	4.34
Sheet-metal workers.....	4.50	4.42	4.90	4.38	3.83	4.42	4.24	3.97	4.38	4.88
Stonemasons.....	4.51	4.60	4.74	4.66	3.93	4.41	4.37	4.23	4.58	4.73
Structural-iron workers.....	4.61	4.85	5.15	4.49	3.84	4.55	4.19	3.96	4.55	4.89
Tile layers.....	4.42	4.51	4.67	4.02	3.71	4.25	4.32	3.78	4.13	4.74
Helpers and laborers.....	3.40	3.27	4.04	2.67	2.16	3.43	3.16	2.40	3.04	3.61
Bricklayers' tenders.....	3.61	3.27	4.37	2.51	2.13	3.42	3.24	2.59	3.41	3.92
Building laborers.....	3.29	3.24	3.83	2.64	2.13	3.42	3.10	2.31	2.98	3.49
Composition roofers' helpers.....	2.67	3.06	3.25	2.56	1.90	3.13	3.15	2.31	-	-
Elevator constructors' helpers.....	3.44	3.16	4.14	3.09	2.79	3.11	3.00	2.87	3.14	3.40
Marble setters' helpers.....	3.69	3.61	4.10	3.39	-	3.53	3.36	2.93	3.19	3.74
Plasterers' laborers.....	3.75	3.41	4.38	2.83	2.25	3.57	3.40	2.61	3.33	4.32
Plumbers' laborers.....	3.43	-	3.90	2.86	2.23	3.61	3.47	2.63	3.07	3.43
Terrazzo workers' helpers.....	3.74	3.68	4.14	3.20	-	3.60	3.41	2.28	3.44	4.01
Tile layers' helpers.....	3.67	3.64	3.90	3.29	-	3.44	3.31	2.06	3.14	3.89

<sup>1</sup> The regions referred to in this study include: New England—Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic—New Jersey, New York, and Pennsylvania; Border States—Delaware, District of Columbia, Kentucky, Maryland, Virginia, and West Virginia; Southeast—Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee; Great Lakes—Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin; Middle West—Iowa, Kansas, Missouri, Nebraska, North Dakota, and South Dakota; Southwest—Arkansas, Louisiana, Oklahoma, and Texas; Mountain—Arizona, Colorado, Idaho, Montana, New Mexico, Utah, and Wyoming; and Pacific—Alaska, California, Nevada, Oregon, and Washington. Hawaii was excluded.

Table 10. Indexes of Union Weekly Hours in the Building Trades, 1907-64

(1957-59=100)								
Date	All trades	Journeymen	Helpers and laborers	Date	All trades	Journeymen	Helpers and laborers	
1907: May 15.....	124.1	122.6	129.5	1935: May 15.....	101.4	100.5	103.9	
1908: May 15.....	122.2	120.8	126.8	1936: May 15.....	101.4	100.5	104.1	
1909: May 15.....	120.5	119.3	124.2	1937: May 15.....	101.8	100.9	104.5	
1910: May 15.....	119.0	117.9	122.0	1938: June 1.....	100.1	99.1	102.8	
1911: May 15.....	118.6	117.5	121.8	1939: June 1.....	99.9	99.0	102.6	
1912: May 15.....	118.2	117.1	121.4	1940: June 1.....	99.8	99.0	102.0	
1913: May 15.....	118.0	116.8	121.4	1941: June 1.....	100.2	99.5	102.3	
1914: May 1.....	117.5	116.5	120.7	1942: July 1.....	101.0	100.8	101.4	
1915: May 1.....	117.4	116.4	120.6	1943: July 1.....	100.9	101.0	100.7	
1916: May 15.....	117.0	115.9	120.3	1944: July 1.....	101.1	101.2	100.7	
1917: May 15.....	116.7	115.7	119.8	1945: July 1.....	101.1	101.2	100.7	
1918: May 15.....	116.1	115.0	119.4	1946: July 1.....	100.1	100.1	100.0	
1919: May 15.....	115.5	114.6	118.3	1947: July 1.....	100.0	99.9	100.0	
1920: May 15.....	115.0	114.1	117.5	1948: July 1.....	100.0	100.0	99.9	
1921: May 15.....	114.9	114.0	117.5	1949: July 1.....	100.1	100.1	99.9	
1922: May 15.....	114.9	114.1	117.2	1950: July 1.....	100.2	100.2	99.9	
1923: May 15.....	115.0	114.2	117.4	1951: July 1.....	100.1	100.1	99.8	
1924: May 15.....	115.0	114.2	117.4	1952: July 1.....	100.1	100.1	100.0	
1925: May 15.....	115.0	114.2	117.2	1953: July 1.....	100.1	100.1	100.0	
1926: May 15.....	114.8	114.0	116.9	1954: July 1.....	100.1	100.1	100.0	
1927: May 15.....	114.6	113.7	116.9	1955: July 1.....	100.1	100.1	100.0	
1928: May 15.....	113.9	112.9	116.8	1956: July 1.....	100.1	100.1	100.0	
1929: May 15.....	112.9	112.2	114.5	1957: July 1.....	100.1	100.1	100.0	
1930: May 15.....	109.7	108.9	111.9	1958: July 1.....	100.0	100.0	100.0	
1931: May 15.....	108.4	107.4	111.0	1959: July 1.....	100.0	100.0	100.0	
1932: May 15.....	106.4	105.5	108.5	1960: July 1.....	99.9	99.9	100.0	
1933: May 15.....	106.1	105.1	108.0	1961: July 1.....	99.8	99.8	100.0	
1934: May 15.....	102.2	101.3	104.6	1962: July 1.....	99.7	99.7	100.0	
				1963: July 1.....	99.5	99.5	99.9	
				1964: July 1.....	99.5	99.5	99.9	

Table 11. Indexes of Union Weekly Hours in Each Building Trade, 1907-64

Date	(1957-59=100)														
	Asbestos workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Pipe-fitters
1907: May 15	-	-	122.7	120.8	122.7	123.9	-	-	-	-	118.0	-	126.8	-	118.8
1908: May 15	-	-	120.1	119.0	121.6	123.0	-	-	-	-	118.0	-	124.9	-	118.8
1909: May 15	-	-	117.6	117.6	122.5	122.2	-	-	-	-	116.8	-	123.2	-	118.5
1910: May 15	-	-	115.4	116.2	122.3	121.5	-	-	-	-	116.5	-	121.6	-	117.8
1911: May 15	-	-	115.0	115.6	121.1	121.3	-	-	-	-	116.0	-	120.7	-	117.7
1912: May 15	-	-	115.0	115.5	121.1	120.9	-	-	122.1	-	116.0	-	120.6	-	116.9
1913: May 15	-	-	114.8	115.4	119.8	120.4	-	-	122.1	-	116.0	-	119.9	-	116.5
1914: May 15	-	-	114.3	114.9	119.0	120.0	115.9	-	122.1	-	115.8	-	119.7	-	115.0
1915: May 15	-	-	114.2	114.9	119.0	119.3	115.4	-	121.5	-	115.8	-	119.7	-	115.0
1916: May 15	113.4	-	113.9	114.9	117.2	118.3	115.3	-	121.5	-	115.6	119.7	118.8	-	114.6
1917: May 15	112.9	-	113.6	114.9	115.9	117.8	114.6	-	120.9	-	115.5	119.7	118.7	-	114.5
1918: May 15	112.3	-	113.6	113.7	115.3	117.0	114.6	114.0	120.9	-	115.5	115.4	118.2	-	113.4
1919: May 15	111.1	-	113.4	113.0	114.4	116.0	113.8	114.0	120.6	-	115.0	115.4	118.0	-	113.3
1920: May 15	111.0	-	113.3	113.1	113.8	115.7	113.7	113.5	119.8	-	115.0	115.4	114.6	-	113.2
1921: May 15	114.3	-	113.3	113.0	113.8	115.7	113.6	114.0	119.5	-	115.1	115.4	114.7	-	113.1
1922: May 15	111.3	-	113.3	113.1	113.7	115.7	113.3	114.1	119.6	-	114.1	115.4	115.5	-	113.1
1923: May 15	111.0	-	113.3	113.5	113.7	115.7	113.4	113.5	120.1	-	115.1	115.4	115.2	-	113.1
1924: May 15	111.1	-	113.2	113.3	113.7	115.6	113.4	113.5	119.8	-	115.1	115.5	115.1	-	113.3
1925: May 15	111.1	-	113.1	113.3	113.4	115.6	113.3	113.1	119.4	-	115.1	115.4	115.4	-	113.1
1926: May 15	111.1	-	113.2	113.3	113.4	115.6	113.3	113.5	119.1	-	115.1	115.4	115.1	-	112.9
1927: May 15	111.0	-	112.6	113.3	113.0	115.6	113.3	113.9	118.5	-	115.0	115.0	114.6	-	112.7
1928: May 15	111.0	-	112.6	112.7	112.4	115.0	113.3	113.4	117.9	-	115.0	115.0	111.5	-	112.7
1929: May 15	110.1	-	109.7	112.7	112.5	112.3	112.8	112.2	117.3	-	115.0	115.1	111.2	-	112.1
1930: May 15	106.1	-	107.0	109.2	108.1	109.6	109.3	108.6	110.7	-	108.9	108.8	110.0	-	107.1
1931: May 15	103.5	-	105.4	107.5	106.9	108.6	107.2	106.7	110.1	-	106.9	107.7	109.0	-	106.0
1932: May 15	102.2	-	103.0	104.8	105.6	105.9	107.2	104.3	109.6	-	105.8	103.4	108.8	-	105.0
1933: May 15	101.1	-	104.1	103.2	107.6	105.9	104.9	104.3	109.1	-	105.7	104.9	108.6	-	104.4
1934: May 15	101.0	-	102.3	102.3	103.7	99.7	104.0	98.8	102.8	-	104.5	104.8	95.3	-	103.8
1935: May 15	100.2	-	102.2	101.8	103.5	95.6	103.7	98.2	102.6	-	104.5	104.1	95.1	-	103.5
1936: May 15	100.5	-	102.2	101.9	103.0	96.0	104.5	98.6	101.6	-	104.4	102.9	95.5	-	103.7
1937: May 15	100.2	106.0	103.2	102.7	103.1	100.6	104.2	98.6	103.0	101.4	106.5	103.7	95.6	93.3	103.8
1938: June 1	98.5	100.7	99.8	99.8	100.0	100.0	100.0	96.8	101.0	100.8	104.4	101.0	95.5	92.7	98.3
1939: June 1	98.5	100.7	99.9	99.8	100.0	99.8	101.0	96.6	100.2	100.7	104.4	101.0	95.3	92.8	98.7
1940: June 1	97.9	100.7	99.6	99.8	100.2	99.8	100.6	96.6	100.0	100.7	99.7	101.0	95.7	93.1	98.7
1941: June 1	98.5	101.2	99.8	100.4	100.7	100.3	100.3	97.2	100.9	100.5	99.9	101.3	96.0	93.6	99.3
1942: July 1	98.6	101.3	100.7	100.6	100.6	104.3	100.0	98.6	102.8	100.5	99.9	101.3	101.5	100.3	100.9
1943: July 1	98.6	101.3	100.7	100.6	100.6	104.3	100.0	98.6	103.7	100.5	99.9	101.3	101.5	100.3	100.9
1944: July 1	98.6	101.3	100.7	100.9	100.6	104.3	100.0	98.6	103.3	100.5	99.9	101.3	101.8	101.1	100.9
1945: July 1	98.6	101.3	100.7	100.9	100.6	104.3	100.0	98.6	103.9	100.5	99.9	101.3	101.8	101.1	100.9
1946: July 1	99.7	99.3	100.2	100.1	100.4	100.2	100.0	98.6	102.5	100.0	99.9	101.3	101.1	100.9	100.0
1947: July 1	99.7	99.3	99.7	100.0	100.0	100.2	100.0	100.0	102.5	100.8	99.9	100.3	101.2	101.2	100.0
1948: July 1	100.0	100.7	100.4	100.0	100.0	100.2	100.0	100.0	98.3	100.8	100.0	102.0	101.2	101.2	100.0
1949: July 1	100.0	100.7	100.0	100.0	100.0	101.9	100.0	100.0	98.3	100.8	100.0	102.0	101.2	101.2	100.0
1950: July 1	100.0	100.7	100.0	100.0	100.0	101.9	100.0	100.0	101.4	100.8	100.0	102.0	101.2	101.2	100.0
1951: July 1	100.0	100.7	100.1	100.0	100.0	101.9	100.0	100.0	101.4	100.8	100.0	102.0	100.0	100.0	100.0
1952: July 1	100.0	100.7	100.1	100.0	100.0	100.9	100.0	100.0	100.4	100.8	100.0	102.0	100.0	100.0	100.0
1953: July 1	100.0	100.7	100.1	100.0	100.0	100.9	100.0	100.0	100.5	100.8	100.0	102.0	100.0	100.0	100.0
1954: July 1	100.0	100.7	100.1	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	102.0	100.0	100.0	100.0
1955: July 1	100.0	100.7	100.1	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	102.0	100.0	100.0	100.0
1956: July 1	100.0	100.7	100.1	100.0	100.0	100.8	100.1	100.0	100.0	100.0	100.0	102.0	100.0	100.0	100.0
1957: July 1	100.0	100.0	100.1	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1958: July 1	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959: July 1	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
1960: July 1	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	99.9	100.0	100.0	99.9	100.0	100.0
1961: July 1	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.1	100.0	100.0	99.8	100.0	100.0
1962: July 1	100.0	100.0	100.0	100.0	100.0	98.2	100.0	100.0	100.0	100.1	100.0	100.0	99.8	100.0	100.0
1963: July 1	100.0	99.8	98.7	100.0	100.0	97.1	98.1	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0
1964: July 1	100.0	99.8	98.7	100.0	100.0	97.1	98.1	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0

Table 11. Indexes of Union Weekly Hours in Each Building Trade, 1907-64--Continued

(1957-59=100)

Date	Plas- terers	Plumb- ers	Rodmen	Roofers, composi- tion	Roofers, slate and tile	Sheet- metal workers	Stone- masons	Structural- iron workers	Tile layers	Brick- layers' tenders	Building laborers	Composi- tion roofers' helpers	Plaster- ers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	118.8	122.7	-	-	-	117.1	117.6	120.0	-	123.5	125.2	-	125.7	-	-
1908: May 15	118.2	122.8	-	-	-	117.0	117.6	116.0	-	123.5	125.2	-	125.2	-	-
1909: May 15	118.2	122.8	-	-	-	117.0	117.6	116.0	-	123.1	124.8	-	124.9	-	-
1910: May 15	118.1	122.6	-	-	-	117.0	115.8	114.7	-	122.1	121.8	-	124.9	-	-
1911: May 15	118.8	122.3	-	-	-	116.7	115.0	114.5	-	121.5	121.8	-	124.8	-	-
1912: May 15	117.3	121.3	-	-	-	115.2	115.0	113.4	110.7	120.5	121.8	-	124.2	-	125.7
1913: May 15	117.3	121.3	-	-	-	115.0	114.9	112.9	113.1	120.5	121.8	-	124.2	-	125.1
1914: May 1	117.2	120.8	-	114.7	111.6	114.9	114.9	112.7	113.1	119.0	121.4	-	124.3	-	125.1
1915: May 1	116.6	120.8	-	114.7	111.6	114.7	114.8	112.7	112.7	119.0	121.4	-	124.3	-	123.2
1916: May 15	115.4	120.2	-	114.7	111.2	114.2	114.6	112.4	112.1	119.0	120.8	-	123.1	-	122.8
1917: May 15	115.3	120.1	-	113.9	109.2	114.1	114.5	112.2	111.8	118.9	119.4	-	122.9	-	121.8
1918: May 15	115.1	119.1	-	113.4	109.2	112.9	114.5	111.8	111.8	118.9	118.9	-	122.9	-	121.8
1919: May 15	115.1	118.7	-	113.4	108.9	112.4	113.8	111.3	111.3	118.5	118.9	-	122.4	-	121.4
1920: May 15	114.8	118.7	-	113.4	108.9	112.0	113.8	111.6	111.0	118.2	115.4	-	122.4	-	121.4
1921: May 15	114.5	118.6	-	111.3	108.8	112.0	113.9	111.6	111.1	118.2	115.4	-	121.9	-	121.6
1922: May 15	114.6	118.6	-	111.3	108.7	111.9	113.8	111.6	110.9	118.5	114.6	-	121.9	-	121.6
1923: May 15	115.2	118.6	-	111.3	109.0	111.9	113.8	111.6	111.2	118.5	115.4	-	122.0	-	122.7
1924: May 15	115.2	118.6	-	111.3	108.6	111.9	113.5	111.6	111.2	118.4	115.1	-	121.9	-	122.7
1925: May 15	114.9	118.6	-	111.3	108.6	111.9	113.5	111.3	111.2	118.2	115.2	-	121.8	-	122.7
1926: May 15	111.6	118.6	-	111.3	108.6	111.9	113.7	111.6	111.2	118.4	115.4	-	117.8	-	122.7
1927: May 15	111.1	118.3	-	111.3	108.6	111.5	113.5	111.6	111.1	118.4	115.6	-	117.7	-	122.7
1928: May 15	110.2	118.3	-	111.2	108.6	111.2	113.4	111.5	110.8	118.4	115.5	-	118.0	-	122.7
1929: May 15	109.1	117.3	-	110.6	107.3	111.1	110.1	111.0	110.6	111.8	115.4	-	117.9	-	122.1
1930: May 15	106.7	111.8	-	106.2	102.7	107.0	106.3	107.6	104.9	111.9	113.3	-	114.8	-	114.2
1931: May 15	105.8	110.3	-	104.9	101.0	105.2	104.4	106.3	103.5	110.5	111.9	-	113.9	-	113.0
1932: May 15	104.0	109.9	-	103.8	101.0	103.7	104.0	103.7	102.4	108.1	108.0	-	113.6	-	111.6
1933: May 15	106.1	109.4	-	105.1	101.0	103.6	103.2	103.4	102.2	107.5	107.6	-	111.7	-	111.7
1934: May 15	101.5	108.3	-	102.4	100.6	102.1	102.7	101.9	95.3	105.5	102.9	-	108.3	-	107.0
1935: May 15	100.0	107.6	-	102.3	99.3	102.2	102.6	100.7	95.3	105.4	102.8	-	107.0	-	93.1
1936: May 15	98.3	106.2	-	102.9	100.2	102.1	102.6	100.6	95.2	105.2	103.3	-	105.2	-	93.1
1937: May 15	98.4	106.8	100.3	103.0	100.1	102.2	102.6	100.1	99.3	105.5	103.6	99.9	105.2	-	99.6
1938: June 1	94.4	101.5	100.3	101.2	98.9	100.1	99.2	99.0	99.3	104.2	103.1	99.9	100.3	103.2	99.6
1939: June 1	94.4	101.8	100.2	101.3	98.9	100.1	99.2	98.9	99.3	103.9	103.0	99.9	100.0	103.2	99.6
1940: June 1	94.2	100.7	100.2	100.9	98.8	100.1	99.1	98.9	99.3	103.8	102.4	99.6	99.6	100.0	99.6
1941: June 1	94.5	101.1	101.1	101.6	98.8	100.9	99.2	99.3	99.7	103.7	102.7	100.2	100.0	100.0	100.0
1942: July 1	96.3	101.7	101.1	101.7	100.2	101.0	99.4	100.0	101.0	102.5	101.7	100.5	100.1	99.7	100.0
1943: July 1	100.1	103.6	101.2	101.6	100.0	101.0	99.4	100.0	100.0	102.3	100.3	100.0	100.7	103.0	100.0
1944: July 1	100.2	103.6	101.2	101.5	100.0	101.0	99.4	100.0	100.0	102.3	100.3	100.0	100.7	102.9	100.0
1945: July 1	100.2	103.6	101.2	101.5	100.0	101.0	99.4	100.0	100.0	102.3	100.3	100.0	100.7	102.9	100.0
1946: July 1	98.2	100.0	100.6	101.2	100.0	100.9	99.2	100.0	100.0	100.7	100.1	100.0	100.0	100.0	100.0
1947: July 1	97.2	99.0	100.0	101.2	100.0	100.2	98.5	100.0	100.0	100.2	100.1	100.0	99.2	100.0	100.0
1948: July 1	97.1	99.3	100.0	101.2	100.0	100.2	100.2	100.0	100.0	100.2	100.1	100.0	97.9	100.0	100.0
1949: July 1	97.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.2	100.1	100.0	97.9	100.0	100.0
1950: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.2	100.1	100.0	97.9	100.0	100.0
1951: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	99.9	100.0	97.9	100.0	100.0
1952: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	101.1	100.0	100.0	99.6	100.0	100.0
1953: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	101.1	100.0	100.0	99.6	100.0	100.0
1954: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	101.1	100.0	100.0	99.7	100.0	100.0
1955: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	101.1	100.0	100.0	100.0	100.0	100.0
1956: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1957: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1958: July 1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959: July 1	100.2	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1960: July 1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1961: July 1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962: July 1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1963: July 1	100.0	100.0	100.0	100.0	99.8	100.0	99.8	100.0	100.0	99.9	100.0	100.0	99.8	100.0	100.0
1964: July 1	100.0	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	99.9	100.0	100.0	99.8	100.0	100.0



Table 12. Distribution of Union Members in the Building Trades by Straight-Time Weekly Hours, July 1, 1964

Trade	Average hours per week	Percent of union members having a workweek of—					
		25 hours	30 hours	35 hours	37.5 hours	40 hours	42.5 hours
All building trades.....	39.3	0.6	0.6	11.1	0.1	87.6	( <sup>1</sup> )
Journeyman.....	39.3	0.7	0.5	11.8	0.1	86.9	-
Asbestos workers.....	39.7	-	-	5.6	-	94.4	-
Boilermakers.....	39.4	-	-	13.0	-	87.0	-
Bricklayers.....	38.9	-	-	20.8	1.7	77.5	-
Carpenters.....	39.4	-	-	12.5	-	87.5	-
Cement finishers.....	39.6	-	-	7.8	-	92.2	-
Electricians (inside wiremen).....	38.4	8.1	-	8.7	-	83.2	-
Elevator constructors.....	39.0	-	-	20.9	-	79.1	-
Glaziers.....	39.7	-	-	6.4	-	93.6	-
Lathers.....	39.2	-	-	15.9	-	84.1	-
Machinists.....	39.8	-	-	3.0	-	97.0	-
Marble setters.....	40.0	-	-	-	-	100.0	-
Mosaic and terrazzo workers.....	39.1	-	-	18.3	-	81.7	-
Painters.....	38.8	-	.1	24.6	-	75.3	-
Paperhangers.....	39.4	-	-	11.8	-	88.2	-
Pipefitters.....	39.7	-	-	6.1	-	93.9	-
Plasterers.....	37.6	-	23.3	1.2	-	75.4	-
Plumbers.....	39.5	-	-	10.2	-	89.8	-
Rodmen.....	39.8	-	-	3.8	-	96.2	-
Roofers, composition.....	39.5	-	-	10.2	-	89.8	-
Roofers, slate and tile.....	39.9	-	-	1.2	-	98.8	-
Sheet-metal workers.....	39.6	-	-	7.3	-	92.7	-
Stonemasons.....	39.4	-	-	10.9	2.2	86.9	-
Structural-iron workers.....	39.8	-	-	3.6	-	96.4	-
Tile layers.....	40.0	-	-	-	-	100.0	-
Helpers and laborers.....	39.5	-	1.2	8.4	-	90.3	0.1
Bricklayers' tenders.....	38.6	-	-	28.0	-	72.0	-
Building laborers.....	39.8	-	-	4.2	-	95.8	-
Composition roofers' helpers.....	40.0	-	-	-	-	100.0	-
Elevator constructors' helpers.....	38.8	-	-	24.9	-	75.1	-
Marble setters' helpers.....	40.0	-	-	-	-	100.0	-
Plasterers' laborers.....	38.3	-	16.1	3.3	-	79.2	1.4
Plumbers' laborers.....	40.0	-	-	-	-	100.0	-
Terrazzo workers' helpers.....	39.2	-	-	15.7	-	84.3	-
Tile layers' helpers.....	40.0	-	-	-	-	100.0	-

<sup>1</sup> Less than 0.05 percent.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension				Vacation pay <sup>3</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
ALBUQUERQUE, N. MEX.					ATLANTA, GA.—Continued						
<u>Journeyman</u>					<u>Journeyman—Continued</u>						
Asbestos workers	\$4.125	\$4.150	11¢	20¢	25¢	Electricians (inside wiremen)	\$3.950	\$4.100	10¢	1%	5/20¢ <sup>(*)</sup>
Bricklayers	4.500	4.570	-	-	-	Elevator constructors	4.040	4.140	7½¢	10½¢	-
Carpenters	3.950	4.080	10¢	-	-	Engineers—Power equipment operators:					
Millwrights, parquetry floor layers	4.200	4.330	10¢	-	-	Group A:					
Wharf and bridge, shinglers, and piledrivers	4.200	4.330	10¢	-	-	Cranes, derricks, draglines, hoists, piledrivers, shovels, trench machines (over 6 feet depth)	4.000	4.000	10¢	10¢	-
Cement finishers	3.450	3.750	-	-	-	Group B:					
Composition and mastic	3.570	3.870	-	-	-	Bulldozers, scrapers, tractors with special equipment	3.450	3.450	10¢	10¢	-
Electricians (inside wiremen)	4.325	4.525	-	1%	-	Group C:					
Elevator constructors	4.375	4.375	7½¢	10½¢	(*)	Rollers	3.200	3.200	10¢	10¢	-
Engineers—Power equipment operators:						Group D:					
Air compressors	3.420	3.620	-	-	-	Air compressors (over 130 cubic feet), pumps (over 4 inches)	2.850	2.850	10¢	10¢	-
Concrete mixers:						Glaziers	3.400	3.550	-	-	-
Under 1 yard	3.420	3.620	-	-	-	Lathers	3.750	3.850	-	-	-
1 yard and over	3.500	3.700	-	-	-	Machinists	4.000	4.250	-	-	-
Paving machines:						Marble setters	3.950	3.950	-	-	-
Single-drum	3.500	3.700	-	-	-	Mosaic and terrazzo workers	3.950	3.950	-	-	-
Double-drum	3.620	3.820	-	-	-	Painters	3.700	4.000	-	-	-
Cranes:						Roller	4.000	4.000	-	-	-
¼ yard or under with less than 50 foot boom, no attachments	3.620	3.820	-	-	-	Spray	4.700	5.000	-	-	-
All other cranes	4.000	4.200	-	-	-	Structural steel, swing stage	3.950	4.250	-	-	-
Hoists:						Paperhangers	3.950	4.250	-	-	-
1 drum	3.420	3.620	-	-	-	Pipefitters	4.100	4.100	10¢	10¢	-
2 drums or more	3.620	3.820	-	-	-	Plasterers	3.750	3.850	-	-	-
Derricks (Guy and Stiffleg)	4.000	4.200	-	-	-	Plumbers	4.100	4.100	10¢	10¢	-
Piledrivers, crawler or skid rig	4.000	4.200	-	-	-	Rodmen	4.000	4.150	12¢	-	-
Shovels, backhoes, clams, and draglines	4.000	4.200	-	-	-	Roofers, composition	2.800	2.900	-	-	-
Tractors	3.550	3.750	-	-	-	Roofers, slate and tile	3.050	3.150	-	-	-
Trenching machines	3.500	3.750	-	-	-	Sheet-metal workers	4.000	4.100	-	-	-
Glaziers	3.270	3.380	-	-	-	Stonemasons	4.300	4.300	-	-	-
Lathers	4.000	4.250	12½¢	-	-	Structural- and ornamental-iron workers	4.000	4.150	12¢	-	-
Marble setters	3.625	3.625	-	-	-	Sheeters	4.250	4.400	12¢	-	-
Mosaic and terrazzo workers	3.625	3.625	-	-	-	Tile layers	3.950	3.950	-	-	-
Painters	3.425	3.550	-	-	-						
Spray	3.925	4.050	-	-	-	<u>Helpers and laborers</u>					
Paperhangers	3.425	3.550	-	-	-	Bricklayers' tenders	2.250	2.400	-	-	-
Pipefitters	4.350	4.475	14¢	-	-	Mortar mixers	2.370	2.520	-	-	-
Plasterers	4.000	4.125	-	-	-	Building laborers	2.250	2.400	-	-	-
Plumbers	4.350	4.475	14¢	-	-	Elevator constructors' helpers	2.830	2.900	7½¢	10½¢	(*)
Rodmen	4.200	4.375	10¢	-	-	Plasterers' laborers	2.250	2.400	-	-	-
Roofers, composition	3.200	3.250	-	-	-	Plumbers' laborers	2.250	2.400	-	-	-
Roofers, slate and tile	3.200	3.250	-	-	-						
Sheet-metal workers	4.100	4.180	10¢	15¢	10¢	BALTIMORE, MD.					
Stonemasons	4.500	4.570	-	-	-	<u>Journeyman</u>					
Structural-iron workers	4.200	4.375	10¢	-	-	Asbestos workers	4.350	4.350	20¢	15¢	-
Tile layers	3.625	3.625	-	-	-	Boilermakers	4.450	4.600	10¢	10¢	-
						Bricklayers	4.250	4.400	10¢	15¢	-
<u>Helpers and laborers</u>					<u>Bricklayers</u>						
Bricklayers' tenders	2.705	3.005	7½¢	-	-	Carpenters	3.925	4.000	9¢	-	-
Building laborers	2.405	2.705	7½¢	-	-	Cement finishers	3.925	4.025	9¢	-	-
Elevator constructors' helpers	3.280	3.280	7½¢	10½¢	(*)	Electricians (inside wiremen)	4.200	4.500	7½¢	1%	-
Marble setters' helpers	2.375	2.500	-	-	-	Elevator constructors	4.260	4.350	7½¢	10½¢	(*)
Plasterers' laborers	2.705	3.005	7½¢	-	-	Engineers—Power equipment operators:					
Terrazzo workers' helpers	2.375	2.500	-	-	-	Building construction:					
Tile layers' helpers	2.375	2.500	-	-	-	Heavy equipment:					
						Derricks, power cranes, shovels, elevating graders	4.350	4.450	10¢	10¢	-
ATLANTA, GA.											
<u>Journeyman</u>											
Asbestos workers	3.810	3.960	10¢	15¢	-						
Boilermakers	4.050	4.250	10¢	10¢	-						
Bricklayers	4.300	4.300	-	-	-						
Carpenters	3.750	3.950	-	-	-						
Millwrights	4.050	4.200	-	-	-						
Cement finishers	3.600	3.700	-	-	-						
Trowling-machine operators	3.730	3.830	-	-	-						

See footnotes at end of table.

NOTE: When more than one union scale was in effect for the same classification in a particular city, letters of the alphabet were used to designate the various agreements. The sequence of the letters does not indicate the relative importance of the agreements or the scales.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension		Vacation pay <sup>3</sup>	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension
BALTIMORE, MD.—Continued						BIRMINGHAM, ALA.—Continued						
Journeyman—Continued						Journeyman—Continued						
Engineers—Power equipment operators—Continued						Lathers .....	\$3.350	\$3.500	-	-	-	-
Building construction—Continued						Marble setters .....	3.550	3.800	-	-	-	(6)
Medium equipment:						Mosaic and terrazzo workers .....	3.550	3.700	-	-	-	(6)
Temporary elevators, concrete pumps, single-drum hoists .....	\$3.650	\$3.750	10¢	10¢	-	Painters:						
Light equipment:						Commercial .....	3.600	3.750	-	-	-	-
Compressors, pumps .....	3.550	3.650	10¢	10¢	-	Residential .....	3.300	3.450	-	-	-	-
Bulldozers .....	3.500	3.600	10¢	10¢	-	Structural steel, swing stage, spray .....	4.100	4.250	-	-	-	-
Heavy construction:						Paperhangers .....	3.750	3.900	-	-	-	-
Heavy equipment:						Pipefitters .....	3.950	4.100	12¢	10¢	-	-
Whirlies, derricks, piledrivers .....	4.350	4.450	10¢	10¢	-	Plasterers .....	3.570	3.720	-	-	-	-
Light equipment:						Plumbers .....	3.950	4.100	12¢	10¢	-	-
Tractors with attachments .....	3.950	4.050	10¢	10¢	-	Rodmen .....	4.000	4.120	15¢	-	-	-
Glaziers .....	3.750	3.875	10¢	-	-	Roofers, composition .....	3.000	3.100	-	-	-	-
Lathers .....	4.100	4.200	10¢	-	-	Roofers, slate and tile .....	3.000	3.350	-	-	-	-
Machinists .....	4.250	4.450	-	-	-	Sheet-metal workers .....	3.850	4.050	10¢	-	-	-
Marble setters .....	4.050	4.260	10¢	15¢	-	Stonemasons .....	4.250	4.400	-	-	-	-
Mosaic and terrazzo workers .....	3.765	3.965	12½¢	-	-	Structural- and ornamental-iron workers .....	4.000	4.120	15¢	-	-	-
Painters .....	3.850	3.950	7½¢	-	-	Tile layers .....	3.550	3.700	-	-	-	(6)
Structural steel .....	4.050	4.150	7½¢	-	-	Helpers and laborers						
Paperhangers .....	3.850	3.950	7½¢	-	-	Bricklayers' tenders .....	2.200	2.350	-	-	-	-
Pipefitters .....	4.100	4.100	10¢	10½¢	-	Mortar mixers .....	2.300	2.450	-	-	-	-
Plasterers .....	4.050	4.150	15¢	-	-	Building laborers .....	2.200	2.350	-	-	-	-
Plumbers .....	4.100	4.100	12¢	10½¢	-	Composition roofers' helpers .....	1.850	1.950	-	-	-	-
Rodmen .....	4.350	4.500	10¢	20¢	-	Elevator constructors' helpers .....	2.740	2.880	7½¢	10½¢	(4)	-
Roofers, composition .....	3.150	3.230	12¢	-	-	Plasterers' laborers .....	2.250	2.400	-	-	-	-
Mopmen .....	3.600	3.680	12¢	-	-	BOSTON, MASS.						
Roofers, slate and tile .....	3.600	3.680	12¢	-	-	Journeyman						
Precast roofers .....	3.950	4.030	12¢	-	-	Asbestos workers .....	4.540	4.790	17¢	10¢	-	-
Precast journeymen .....	4.200	4.280	12¢	-	-	Boilermakers .....	4.400	4.600	10¢	10¢	-	-
Sheet-metal workers .....	4.050	4.065	13¢	10¢	-	Bricklayers .....	4.600	4.850	20¢	15¢	-	-
Stonemasons .....	4.250	4.400	10¢	15¢	-	Carpenters .....	4.050	4.300	10¢	15¢	-	-
Structural-iron workers, welders and finishers .....	4.550	4.700	10¢	20¢	-	Cement finishers .....	4.650	4.850	20¢	15¢	-	-
Sheeters .....	4.800	4.950	10¢	20¢	-	Electricians (inside wiremen) .....	4.500	5.000	17¢	15¢+10¢	-	-
Tile layers .....	3.765	3.965	12½¢	-	-	Elevator constructors .....	4.380	4.630	7½¢	10½¢	(4)	-
Helpers and laborers						Engineers—Power equipment operators:						
Bricklayers' tenders .....	2.575	2.675	10¢	-	-	Building construction:						
Building laborers .....	2.425	2.525	10¢	-	-	Heavy equipment:						
Elevator constructors' helpers .....	2.980	3.045	7½¢	10½¢	(4)	Power shovels, pile-drivers, hoisting engines .....	4.480	4.685	17½¢	20¢	-	-
Marble setters' helpers .....	2.800	2.950	12½¢	-	-	Medium equipment:						
Plasterers' laborers .....	2.575	2.675	10¢	-	-	Bulldozers, graders, scrapers .....	4.110	4.315	17½¢	20¢	-	-
Hod carriers .....	2.825	2.925	10¢	-	-	Light equipment:						
Plumbers' laborers .....	2.425	2.525	10¢	-	-	Pumps, compressors, welding machines .....	3.875	4.080	17½¢	20¢	-	-
Terrazzo workers' helpers .....	2.825	2.975	10¢	-	-	Heavy construction:						
Tile layers' helpers .....	2.800	2.950	12½¢	-	-	Heavy equipment:						
BIRMINGHAM, ALA.						Power shovels, pile-drivers, lighters .....						
Journeyman						Medium equipment:						
Asbestos workers .....	3.950	4.050	7½¢	10¢	-	Bulldozers, concrete mixers, steam boilers .....	4.110	4.315	17½¢	20¢	-	-
Bricklayers .....	4.250	4.400	-	-	-	Light equipment:						
Carpenters .....	3.650	3.650	-	-	-	Pumps, compressors, welding machines .....	3.875	4.080	17½¢	20¢	-	-
Millwrights .....	3.725	3.900	-	-	-	Glaziers .....	3.790	4.010	10¢	7¢	-	-
Piledrivers .....	3.850	3.850	-	-	-	Lathers .....	4.550	4.800	15¢	10¢	-	-
Cement finishers .....	3.430	3.580	-	-	-	Machinists .....	4.350	4.350	-	-	-	-
Electricians (inside wiremen) .....	4.200	4.350	-	1%	-	Marble setters .....	4.350	4.650	20¢	-	-	-
Elevator constructors .....	3.914	4.110	7½¢	10½¢	(4)	Mosaic and terrazzo workers .....	4.350	4.650	20¢	-	-	-
Engineers—Power equipment operators:						Painters .....	3.875	4.000	12¢	12½¢	-	-
Building construction:						Spray .....	4.650	4.650	12¢	12½¢	-	-
Group A:						Structural steel .....	4.125	4.250	12¢	12½¢	-	-
Bulldozers, cranes, derricks, draglines, hoists (1 drum or more), mixers, motor graders, shovels, scrapers .....	3.550	3.650	-	-	-	Pipefitters .....	4.550	4.800	10¢	15¢	-	-
Group B:						Refrigeration and air-conditioning fitters .....	4.550	4.800	10¢	15¢	-	-
Air compressors, (105 cubic feet and under), pumps (under 4 inches) .....	2.700	2.800	-	-	-	Sprinkler fitters .....	4.550	4.765	11¢	10¢	(7)	-
Glaziers .....	3.360	3.550	-	-	-	Plasterers .....	4.100	4.400	20¢	(8)	-	-
						Plumbers .....	4.500	4.750	15¢	15¢	-	-
						Rodmen .....	4.620	4.780	3½¢	2½¢	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
BOSTON, MASS.—Continued						BUFFALO, N.Y.—Continued					
Journeyman—Continued						Journeyman—Continued					
Roofers, composition.....	\$4.100	\$4.350	20¢	15¢	-	Stonemasons.....	\$4.595	\$4.720	-	15¢	-
Roofers, slate and tile.....	4.100	4.350	20¢	15¢	-	Structural- and ornamental-iron workers.....	4.640	4.840	10¢	-	-
Sheet-metal workers.....	4.425	4.625	11¢	15¢	-	Tile layers.....	4.275	4.400	-	15¢	-
Stonemasons.....	4.600	4.850	20¢	15¢	-	Helpers and laborers					
Structural-iron workers.....	4.620	4.780	3½%	2½%	-	Bricklayers' tenders.....	3.460	3.460	17½¢	10¢	-
Tile layers.....	4.400	4.700	15¢	-	-	Building laborers.....	3.460	3.460	17½¢	10¢	-
Helpers and laborers						Elevator constructors' helpers.....	3.190	3.325	7½¢	10½¢	(*)
Bricklayers' tenders.....	3.120	3.250	15¢	15¢	-	Marble setters' helpers.....	3.630	3.780	-	-	-
Building laborers.....	3.120	3.250	15¢	15¢	-	Plasterers' laborers.....	3.560	3.560	17½¢	10¢	-
Composition roofers' helpers.....	3.250	3.500	20¢	15¢	-	Mortar mixers.....	3.610	3.610	17½¢	10¢	-
Elevator constructors' helpers.....	3.065	3.240	7½¢	10½¢	(*)	Plumbers' laborers.....	3.710	3.710	17½¢	10¢	-
Marble setters' helpers.....	3.440	3.700	15¢	-	-	Terrazzo workers' helpers.....	3.630	3.780	-	-	-
Plasterers' laborers.....	3.320	3.450	15¢	15¢	-	Grinders.....	3.730	3.880	-	-	-
Terrazzo workers' helpers.....	3.630	3.930	-	-	-	Tile layers' helpers.....	3.630	3.780	-	-	-
Tile layers' helpers.....	3.440	3.700	15¢	-	-	CHARLOTTE, N.C.					
BUFFALO, N.Y.						Journeyman					
Journeyman						Asbestos workers.....	3.600	3.650	10¢	-	-
Asbestos workers.....	4.250	4.350	15¢	20¢	-	Boilermakers.....	4.050	4.250	10¢	10¢	-
Boilermakers.....	4.390	4.590	10¢	10¢	-	Bricklayers.....	3.250	3.250	-	-	-
Bricklayers.....	4.595	4.720	-	15¢	-	Carpenters.....	2.750	2.900	-	-	-
Carpenters.....	4.315	4.315	15¢	10¢	-	Millwrights.....	3.500	3.500	-	-	-
Home building.....	3.805	3.805	15¢	10¢	-	Piledrivers.....	3.050	3.200	-	-	-
Cement finishers.....	4.560	4.760	-	-	-	Electricians (inside wiremen).....	3.300	3.600	-	10%	-
Machine operators, floor.....	4.730	4.930	-	-	-	Engineers—Power equipment operators:					
On swing:						Building construction:					
Cement finishers.....	4.830	5.030	-	-	-	Heavy equipment:					
Machine operators.....	4.980	5.180	-	-	-	Shovels, cranes, draglines (4 yards and over).....					
Electricians (inside wiremen).....	4.710	4.910	20¢	1%+10¢	-	3.600	3.700	-	-	-	
Residential.....	4.560	4.760	20¢	1%+10¢	-	Shovels, cranes, draglines (under 4 yards), derricks, hoists (3 drums or more), locomotives, piledrivers.....					
Elevator constructors.....	4.560	4.750	7½¢	10½¢	(*)	3.350	3.450	-	-	-	
Engineers—Power equipment operators:						Medium equipment:					
Building construction:						Bulldozers, hoists (2 drums), scrapers, trench machines, tractors with attachments.....					
Heavy equipment:						3.020	3.100	-	-	-	
Shovels, cranes, derricks.....	4.535	4.635	10¢	10¢	-	Light equipment:					
Medium equipment:						Air compressors, hoists (1 drum), pumps, mixers, tractors without attachments.....					
Carryalls, trench machines.....	4.410	4.510	10¢	10¢	-	2.410	2.480	-	-	-	
Hoists.....	4.370	4.470	10¢	10¢	-	3.250	3.375	-	-	-	
Light equipment:						3.650	3.750	-	-	-	
Compressors, mechanical heaters.....	4.160	4.260	10¢	10¢	-	3.650	3.750	-	-	-	
Pumps.....	4.285	4.385	10¢	10¢	-	3.450	3.450	10¢	-	-	
Heavy construction:						3.400	3.500	-	-	-	
Heavy equipment:						Sheet-metal workers.....					
Shovels, cranes, backhoes.....	4.535	4.635	10¢	10¢	-	3.450	3.600	10¢	-	-	
Medium equipment:						Structural- and ornamental-iron workers.....					
Graders, carryalls, trench machines.....	4.410	4.510	10¢	10¢	-	4.650	4.850	14¢	10¢	-	
Light equipment:						4.800	5.000	10¢	10¢	-	
Compressors, heating boilers.....	4.160	4.260	10¢	10¢	-	4.800	4.950	15¢	20¢	-	
Pavers.....	4.530	4.635	10¢	10¢	-	5.050	5.200	15¢	20¢	-	
Glaziers.....	3.890	3.965	17½¢	-	-	4.430	4.600	15¢	15¢	-	
Lathers.....	4.760	4.860	-	-	-	4.430	4.600	15¢	15¢	-	
Machinists.....	4.760	4.960	-	-	-	4.680	4.850	15¢	15¢	-	
Marble setters.....	4.340	4.465	-	15¢	-	Electricians (inside wiremen).....					
Mosaic and terrazzo workers.....	4.275	4.400	-	15¢	-	4.950	4.950	(10)	5 10%	3%	
Painters.....	3.925	4.125	17½¢	20¢	-	4.600	4.810	7½¢	10½¢	(*)	
Spray, steel, swing scaffold.....	4.175	4.375	17½¢	20¢	-	Elevator constructors.....					
Residential.....	3.430	3.430	-	-	-	Engineers—Power equipment operators:					
Paperhangers.....	3.925	4.125	17½¢	20¢	-	Building construction:					
Residential.....	3.430	3.430	-	-	-	Heavy equipment:					
Pipefitters.....	4.220	4.320	-	20¢	-	Piledrivers.....					
Sprinkler fitters.....	4.300	4.600	11¢	10¢	-	4.650	4.850	10¢	10¢	-	
Plasterers:						Shovels, highlift, 4 cubic yards or more.....					
Commercial.....	4.600	4.750	-	12½¢	-	4.650	4.850	10¢	10¢	-	
Residential.....	4.450	4.600	-	12½¢	-	Trench machines.....					
Plumbers.....	4.375	4.475	20¢	10¢	-	4.650	4.850	10¢	10¢	-	
Rodmen.....	4.640	4.840	10¢	-	-						
Roofers, composition.....	3.980	4.080	17½¢	20¢	-						
Roofers, slate and tile.....	4.130	4.230	17½¢	20¢	-						
Sheet-metal workers.....	4.450	4.600	10¢	10¢	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
CHICAGO, ILL.—Continued						CINCINNATI, OHIO—Continued					
Journeyman—Continued						Journeyman—Continued					
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Building construction—Continued						Building and heavy construction—Continued					
Medium equipment:						Light equipment:					
Cranes.....	\$4.650	\$4.850	10¢	10¢	-	Bulldozers.....	\$3.925	\$3.970	13¢	10¢	-
Derricks, small.....	4.300	4.500	10¢	10¢	-	Compressors, portable.....	3.525	3.570	13¢	10¢	-
Hoists, single.....	4.300	4.400	10¢	10¢	-	Pumps, 4 inches and over.....	3.775	3.820	13¢	10¢	-
Light equipment:						Glaziers.....	4.200	4.350	-	-	-
Bulldozers.....	4.400	4.500	10¢	10¢	-	Lathers.....	4.150	4.300	-	-	-
Le Tourneau scoops.....	4.200	4.300	10¢	10¢	-	Machinists.....	4.500	4.650	-	-	-
Motor patrols.....	4.300	4.400	10¢	10¢	-	Marble setters.....	4.475	4.625	-	-	-
Heavy construction:						Mosaic and terrazzo workers.....	4.050	4.150	15¢	-	-
Cranes, derricks.....	4.450	4.600	10¢	10¢	-	Painters:					
Koehring scoopers.....	4.450	4.600	10¢	10¢	-	Commercial.....	3.750	3.880	-	-	-
Shovels, power.....	4.450	4.600	10¢	10¢	-	Industrial.....	3.900	4.030	-	-	-
Medium equipment:						Residential.....	3.550	3.680	-	-	-
Rollers, except grade.....	4.100	4.250	10¢	10¢	-	Paperhangers:					
Scoops and similar machines.....	4.000	4.150	10¢	10¢	-	Commercial.....	3.750	3.880	-	-	-
Light equipment:						Residential.....	3.550	3.680	-	-	-
Bulldozers.....	4.000	4.150	10¢	10¢	-	Pipefitters.....	4.400	4.550	12½¢	10¢	-
Pumps.....	3.550	3.600	10¢	10¢	-	Plasterers.....	4.150	4.150	15¢	-	-
Welding machines, 2 or more.....	3.850	3.950	10¢	10¢	-	Plumbers.....	4.285	4.485	13¢	10¢	-
Glaziers.....	4.390	4.490	12¢	10¢	10¢	Roofmen.....	4.175	4.275	15¢	10¢	-
Lathers.....	4.540	4.705	15¢	10¢	-	Roofers, composition.....	4.150	4.200	-	10¢	-
Machinists.....	4.500	4.700	-	-	(11)	Roofers, slate and tile.....	4.340	4.340	-	-	-
Marble setters.....	4.650	4.800	-	-	-	Precast slab.....	4.440	4.440	-	-	-
Mosaic and terrazzo workers.....	4.650	4.650	-	-	-	Sheet-metal workers.....	4.240	4.390	-	10¢	-
Painters.....	4.000	4.200	17½¢	20¢	-	Stonemasons.....	4.475	4.625	-	-	-
Paperhangers.....	4.000	4.200	17½¢	20¢	-	Structural-iron workers.....	4.275	4.525	10¢	10¢	-
Pipefitters.....	4.650	4.850	12¢	15¢	-	Tile layers.....	4.150	4.150	15¢	-	-
Sprinkler fitters.....	4.690	4.890	11¢	10¢	-	Helpers and laborers					
Plasterers.....	4.500	4.675	19¢	6¢	-	Building laborers.....	3.275	3.325	10¢	-	-
Plumbers.....	4.600	4.800	15¢	15¢	-	Hod carriers.....	3.475	3.525	10¢	-	-
Roofmen.....	4.950	5.100	12½¢	7½¢	-	Elevator constructors' helpers.....	2.960	3.040	7½¢	10½¢	(4)
Roofers, composition.....	4.720	4.920	13¢	15¢	-	Marble setters' helpers.....	3.620	3.770	-	-	-
Roofers, slate and tile.....	4.670	4.870	13¢	-	-	Marble polishers.....	3.785	3.935	-	-	-
Sheet-metal workers.....	4.650	4.850	14¢	15¢	-	Terrazzo workers' helpers.....	3.450	3.600	-	-	-
Stonemasons.....	4.800	4.950	15¢	20¢	-	Base grinders.....	3.870	4.020	-	-	-
Structural-iron workers (erectors).....	4.950	5.100	12½¢	7½¢	-	Tile layers' helpers.....	3.370	3.520	-	-	-
Ornamental-iron finishers.....	4.680	4.880	10¢	7½¢	-	CLEVELAND, OHIO					
Tile layers.....	4.600	4.750	18½¢	7½¢	-	Journeyman					
Helpers and laborers						Asbestos workers.....					
Bricklayers' tenders.....	3.350	3.525	7½¢	10¢	-	Boilermakers.....	4.410	4.660	10¢	25¢	-
Building laborers.....	3.350	3.525	7½¢	10¢	-	Bricklayers.....	4.305	4.610	20¢	10¢	-
Elevator constructors' helpers.....	3.220	3.370	7½¢	10½¢	(4)	Caisson and sewer.....	4.805	5.110	20¢	10¢	-
Marble setters' helpers.....	3.800	3.950	-	-	-	Carpenters.....	4.350	4.400	13¢	-	-
Plasterers' laborers.....	3.475	3.650	7½¢	10¢	-	Cement finishers.....	4.560	4.610	15¢	-	-
Terrazzo workers' helpers.....	3.850	3.850	10¢	-	-	Electricians (inside wiremen).....	4.440	4.560	15¢	1%	-
Base-machine operators.....	4.100	4.100	10¢	-	-	Elevator constructors.....	4.295	4.420	7½¢	10½¢	(4)
Tile layers' helpers.....	3.650	3.800	18½¢	7½¢	-	Engineers—Power equipment operators:					
CINCINNATI, OHIO						Building and heavy construction:					
Journeyman						Heavy equipment:					
Asbestos workers.....	4.250	4.400	10¢	10¢	-	Cranes, derricks, power shovels.....	4.460	4.530	13¢	10¢	-
Boilermakers.....	4.250	4.450	10¢	10¢	-	Medium equipment:					
Bricklayers.....	4.375	4.475	15¢	-	-	Power graders, trench machines (under 24 inches).....	4.210	4.280	13¢	10¢	-
Carpenters.....	4.100	4.275	-	15¢	-	Rollers.....	4.085	4.155	13¢	10¢	-
Milwrights.....	4.500	4.650	-	-	-	Light equipment:					
Cement finishers.....	4.025	4.180	15¢	-	-	Bulldozers.....	4.210	4.280	13¢	10¢	-
Electricians (inside wiremen).....	4.600	4.750	-	1%	-	Pumps, 4 inches and over.....	4.085	4.155	13¢	10¢	-
Elevator constructors.....	4.230	4.340	7½¢	10½¢	(4)	Compressors, portable.....	4.085	4.155	13¢	10¢	-
Engineers—Power equipment operators:						Building and heavy construction:					
Building and heavy construction:						Heavy equipment:					
Heavy equipment:						Cranes, derricks, power shovels.....					
Cranes, derricks, power shovels.....	4.150	4.195	13¢	10¢	-	Medium equipment:					
Medium equipment:						Power graders, trench machines.....	3.925	3.970	13¢	10¢	-
Power graders, trench machines.....	3.925	3.970	13¢	10¢	-	Rollers, asphalt.....	3.775	3.820	13¢	10¢	-
Rollers, asphalt.....	3.775	3.820	13¢	10¢	-	Mosaic and terrazzo workers.....					

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>	
CLEVELAND, OHIO—Continued					COLUMBUS, OHIO—Continued						
<u>Journeyman—Continued</u>					<u>Helpers and laborers</u>						
Painters (including fresco).....	\$4.115	\$4.310	14¢	12¢	-	Bricklayers' tenders.....	\$3.220	\$3.320	-	-	-
Spray, structural steel.....	4.365	4.560	14¢	12¢	-	Building laborers.....	3.020	3.120	-	-	-
Swing stage.....	4.240	4.435	14¢	12¢	-	Elevator constructors' helpers:					
Paperhangers.....	4.115	4.310	14¢	12¢	-	First 6 months.....	2.055	2.105	7½¢	10½¢	(*)
Pipefitters; refrigeration and sprinkler fitters.....	4.310	4.510	15¢	15¢	-	After 6 months.....	2.877	2.975	7½¢	10½¢	(*)
Plasterers.....	4.560	4.760	-	-	-	Marble setters' helpers.....	2.810	2.960	-	-	-
Plumbers.....	4.360	4.610	10¢	10¢	-	Plasterers' laborers.....	3.220	3.320	-	-	-
Rodmen.....	4.460	4.700	15¢	-	-	Terrazzo workers' helpers.....	2.810	2.960	-	-	-
Roofers, composition.....	4.560	4.760	-	-	-	Base-machine operators.....	3.010	3.160	-	-	-
Roofers, slate and tile.....	4.560	4.760	-	-	-	Floor grinders.....	2.910	3.060	-	-	-
Sheet-metal workers.....	4.460	4.850	-	7½¢	-	Tile layers' helpers.....	2.810	2.960	-	-	-
Stonemasons.....	4.305	4.610	20¢	10¢	-						
Structural-iron workers.....	4.460	4.700	15¢	-	-	DALLAS, TEX.					
Tile layers.....	4.385	4.585	-	-	-	<u>Journeyman</u>					
<u>Helpers and laborers</u>					Asbestos workers.....						
Bricklayers' tenders.....	3.820	4.020	-	-	-	4.075	4.200	10¢	17½¢	-	-
Building laborers.....	3.820	4.020	-	-	-	Boilermakers.....	4.100	4.200	10¢	10¢	-
Elevator constructors' helpers.....	3.005	3.090	7½¢	10½¢	(*)	Bricklayers.....	4.150	4.250	12½¢	-	-
Marble setters' helpers.....	3.740	3.940	-	-	-	Carpenters.....	3.775	3.925	-	-	-
Plasterers' laborers.....	3.820	4.020	-	-	-	Millwrights.....	3.975	4.100	-	-	-
Plumbers' laborers.....	3.945	4.145	-	-	-	Cement finishers.....	3.775	3.925	-	-	-
Terrazzo workers' helpers.....	3.870	4.070	-	-	-	Electricians (inside wiremen).....	3.925	4.175	7½¢	1%	-
Base-machine operators.....	4.020	4.220	-	-	-	Elevator constructors.....	4.060	4.180	7½¢	10½¢	(*)
Tile layers' helpers.....	3.770	3.970	-	-	-	Engineers—Power equipment operators:					
						Building construction:					
						Heavy equipment:					
						Bulldozers and cats, carryalls, cranes, derricks, draglines, hoists (2 drums or more).....	3.900	4.050	-	-	-
						Light equipment:					
						Air compressors, hoists (1 drum), mixers (less than 14 cubic feet), rollers (10 tons or less), scrapers (3 cubic yards or less).....	3.500	3.650	-	-	-
						Glaziers.....	3.350	3.500	-	-	-
						Lathers.....	3.938	3.938	12½¢	-	19¾¢
						Machinists.....	4.150	4.325	-	-	-
						Marble setters.....	3.950	4.050	-	-	-
						Mosaic and terrazzo workers.....	3.625	3.725	-	-	-
						Painters:					
						Commercial.....	3.663	3.788	10¢	-	-
						Spray.....	4.038	4.163	10¢	-	-
						Structural steel, swing stage.....	3.913	4.038	10¢	-	-
						Paperhangers (furnish own handtools).....	3.788	3.913	10¢	-	-
						Pipefitters.....	4.150	4.150	10¢	10¢	-
						Plasterers.....	4.038	4.138	12½¢	-	-
						Plumbers.....	4.150	4.150	10¢	10¢	-
						Rodmen.....	3.675	4.050	7½¢	-	-
						Roofers, composition.....	3.050	3.250	-	-	-
						Roofers, slate and tile.....	3.200	3.400	-	-	-
						Sheet-metal workers.....	3.925	4.100	12½¢	-	-
						Stonemasons.....	4.150	4.250	12½¢	-	-
						Structural- and ornamental- iron workers.....	3.900	4.050	7½¢	-	-
						Buckers-up.....	4.038	4.188	7½¢	-	-
						Sheeters.....	4.175	4.325	7½¢	-	-
						Tile layers.....	3.625	3.725	-	-	-
						<u>Helpers and laborers</u>					
						Bricklayers' tenders.....	2.150	2.250	-	-	-
						Building laborers.....	2.000	2.100	-	-	-
						Elevator constructors' helpers.....	2.840	2.930	7½¢	10½¢	(*)
						Plasterers' laborers.....	2.150	2.250	-	-	-
						DAYTON, OHIO					
						<u>Journeyman</u>					
						Asbestos workers.....	4.120	4.270	10¢	10¢	-
						Boilermakers.....	4.250	4.450	10¢	10¢	-
						Bricklayers.....	4.415	4.510	15¢	-	-
						Carpenters.....	4.120	4.180	12¢	10¢	-
						Millwrights.....	4.170	4.230	12¢	10¢	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
DAYTON, OHIO—Continued						DENVER, COLO.—Continued					
Journeyman—Continued						Journeyman—Continued					
Cement finishers.....	\$3.900	\$4.050	10¢	-	-	Engineers—Power equipment operators—Continued					
Electricians (inside wiremen).....	4.480	4.640	-	1%	-	Heavy construction:					
Elevator constructors.....	4.340	4.340	7½¢	10½¢	(*)	Heavy equipment:					
Engineers—Power equipment operators:						Shovel type, under 3 yards.....	\$3.600	\$3.750	-	-	-
Building and heavy construction:						Euclid and front end loaders.....	3.450	3.600	-	-	-
Heavy equipment:						Pull type.....	3.450	3.600	-	-	-
Cranes, derricks, power shovels.....	4.230	4.280	13¢	10¢	-	Medium equipment:					
Medium shovels:						Tractors.....	3.450	3.600	-	-	-
Power graders, trench machines, under 24 inches.....	3.950	4.000	13¢	10¢	-	Light equipment:					
Rollers (asphalt).....	3.820	3.870	13¢	10¢	-	Compressors, pumps.....	3.200	3.350	-	-	-
Light equipment:						Core or diamond drills.....	3.450	3.600	-	-	-
Bulldozers.....	3.950	4.000	13¢	10¢	-	Glaziers.....	3.500	3.620	-	-	-
Pumps, over 4 inches.....	3.820	3.870	13¢	10¢	-	Lathers.....	4.250	4.400	-	-	-
Compressors, multiple operation.....	3.750	4.000	13¢	10¢	-	Machinists.....	4.600	4.750	-	10¢	-
Glaziers.....	3.880	4.020	-	-	-	Marble setters.....	4.350	4.450	-	-	-
Lathers.....	4.190	4.250	-	10¢	-	Mosaic and terrazzo workers.....	4.350	4.450	-	-	-
Marble setters.....	4.155	4.205	14 7/8¢	-	-	Painters.....	3.750	3.850	-	-	-
Mosaic and terrazzo workers.....	4.155	4.205	14 7/8¢	-	-	Paperhangers.....	3.850	3.950	-	-	-
Painters.....	3.700	3.800	16¢	-	-	Pipefitters.....	4.250	4.350	12¢	10¢	12¢
Swing, scaffold.....	3.950	4.050	16¢	-	-	Plasterers.....	4.250	4.400	-	-	-
Spray.....	4.100	4.200	16¢	-	-	Plumbers.....	4.250	4.350	12¢	10¢	12¢
Structural steel, iron and bridge.....	3.950	4.050	16¢	-	-	Rodmen.....	4.200	4.350	10¢	-	-
Paperhangers.....	3.950	4.050	16¢	-	-	Roofers, composition.....	3.950	4.200	-	-	-
Pipefitters.....	4.300	4.450	10¢	-	-	Roofers, slate and tile.....	3.950	4.200	-	-	-
Plasterers.....	4.100	4.350	-	-	-	Sheet-metal workers.....	4.100	4.300	10¢	-	-
House building..... <sup>(16)</sup>	3.500	-	-	-	-	Stonemasons.....	4.400	4.550	-	-	-
Plumbers.....	4.300	4.450	10¢	-	-	Structural-iron workers.....	4.200	4.350	10¢	-	-
Rodmen.....	4.300	4.450	10¢	-	-	Tile layers.....	4.350	4.450	-	-	-
Roofers, composition.....	3.960	4.110	17¢	10¢	-	Helpers and laborers					
Roofers, slate and tile.....	4.180	4.400	17¢	10¢	-	Bricklayers' tenders.....	3.050	3.200	-	-	-
Sheet-metal workers.....	4.100	4.200	10¢	10¢	-	Building laborers.....	2.720	2.870	-	-	-
Stonemasons.....	4.415	4.510	15¢	-	-	Elevator constructors' helpers.....	2.975	3.070	7½¢	10½¢	(*)
Structural-iron workers.....	4.300	4.450	15¢	-	-	Marble setters' helpers.....	3.310	3.400	-	-	-
Tile layers.....	4.155	4.205	14 7/8¢	-	-	Plumbers' laborers.....	3.050	3.200	-	-	-
Helpers and laborers						Plumbers' laborers:					
Bricklayers' tenders and hod carriers.....	3.205	3.375	14 7/8¢	-	-	Drainlayers.....	3.250	3.400	-	-	-
Building laborers.....	2.935	3.105	14 7/8¢	-	-	Pipelayers, over 6 inches.....	3.500	3.650	-	-	-
Elevator constructors' helpers.....	3.040	3.040	7½¢	10½¢	(*)	Terrazzo workers' helpers.....	3.310	3.400	-	-	-
Marble setters' helpers.....	3.135	3.175	14 7/8¢	-	-	Tile layers' helpers.....	3.310	3.410	-	-	-
Plasterers' laborers.....	3.205	3.375	14 7/8¢	-	-	DES MOINES, IOWA					
Plumbers' laborers.....	2.935	3.105	14 7/8¢	-	-	Journeyman					
Terrazzo workers' helpers.....	3.135	3.175	14 7/8¢	-	-	Asbestos workers.....	4.000	4.150	15¢	-	20¢
Base grinders.....	3.625	3.665	14 7/8¢	-	-	Boilermakers.....	4.150	4.300	10¢	10¢	-
Tile layers' helpers.....	3.135	3.175	14 7/8¢	-	-	Bricklayers.....	4.525	4.525	17 30¢	-	-
DENVER, COLO.						Carpenters.....	3.900	4.050	-	-	12½¢
Journeyman						Cement finishers.....	4.050	4.200	-	-	-
Asbestos workers.....	4.050	4.240	10¢	20¢	520¢	Electricians (inside wiremen).....	4.275	4.425	15¢	1%	515¢
Boilermakers.....	4.150	4.300	10¢	10¢	-	Elevator constructors.....	4.050	4.210	7½¢	10½¢	(*)
Bricklayers.....	4.400	4.550	-	-	-	Engineers—Power equipment operators:					
Sewer work.....	4.650	4.800	-	-	-	Building construction:					
Carpenters.....	4.115	4.265	-	-	-	Heavy equipment:					
Residential.....	3.600	3.800	-	-	-	Cranes and shovels (over ¼ yard capacity).....	4.125	4.275	-	-	-
Cement finishers.....	4.050	4.200	-	-	-	Paving mixers.....	4.125	4.275	-	-	-
Composition floor layers and machine operators.....	4.175	4.325	-	-	-	Sideboom tractors.....	4.125	4.275	-	-	-
Electricians (inside wiremen).....	4.135	4.300	15¢	1%	4%	Medium equipment:					
Elevator constructors.....	4.250	4.390	7½¢	10½¢	(*)	Single-drum hoists.....	3.900	4.050	-	-	-
Engineers—Power equipment operators:						Compressors (over 250 cubic feet capacity).....	3.900	4.050	-	-	-
Building construction:						Scoops and dozers.....	4.125	4.275	-	-	-
Medium equipment:						Light equipment:					
Derricks, shovels, multiple-drum hoists.....	3.850	4.000	-	-	-	Compressors (under 250 cubic feet capacity).....	3.475	3.625	-	-	-
Tractors.....	3.450	3.600	-	-	-	Firemen.....	3.700	3.850	-	-	-
Concrete pavers.....	3.600	3.750	-	-	-	Welding machines.....	3.440	3.570	-	-	-
Light equipment:						Lathers.....	4.125	4.275	-	-	510¢
1-drum hoists.....	3.450	3.600	-	-	-	Machinists.....	4.200	4.400	-	-	(18)
Compressors, pumps.....	3.350	3.350	-	-	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities. July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension		Vacation pay	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>
DES MOINES, IOWA—Continued						DETROIT, MICH.—Continued					
Journeyman—Continued						Helpers and laborers—Continued					
Marble setters.....	\$3.850	\$3.850	1730¢	-	-	Marble setters' helpers.....	\$3.400	\$3.600	10¢	10¢	9¢
Mosaic and terrazzo workers.....	3.850	3.850	1730¢	-	-	Plasterers' laborers.....	3.420	3.550	13¢	-	22¢
Painters.....	3.600	3.750	-	-	1917¢	Terrazzo workers' helpers.....	3.410	3.610	10¢	10¢	1712¢
Spray, structural steel, swing stage.....	4.100	4.250	-	-	1917¢	Base-machine operators and dry grinders.....	3.810	4.010	10¢	10¢	1712¢
Paperhangers.....	3.600	3.750	-	-	1917¢	Tile layers' helpers.....	3.290	3.360	10¢	-	20¢
Pipefitters.....	4.185	4.360	20¢	12½¢	20¢	ERIE, PA.					
Plasterers.....	4.125	4.275	-	-	-	Journeyman					
Plumbers.....	4.185	4.360	20¢	12½¢	20¢	Bricklayers.....	4.450	4.575	10¢	-	-
Rodmen.....	3.875	4.025	12½¢	15¢	-	Carpenters.....	3.965	4.090	10¢	-	-
Roofers, composition.....	3.500	3.650	-	-	-	Millwrights.....	4.115	4.240	10¢	-	-
Roofers, slate and tile.....	3.500	3.650	-	-	-	Cement finishers.....	3.800	3.925	10¢	-	-
Sheet-metal workers.....	4.200	4.375	10¢	-	-	Electricians (inside wiremen).....	4.325	4.475	-	-	1%
Stonemasons.....	4.525	4.525	1730¢	-	-	Elevator constructors.....	4.150	4.230	7½¢	10½¢	(*)
Structural-iron workers.....	3.875	4.025	12½¢	15¢	-	Engineers—Power equipment operators:					
Tile layers.....	3.850	3.850	1730¢	-	-	Building construction:					
Helpers and laborers						Heavy equipment:					
Bricklayers' tenders.....	3.175	3.325	7½¢	-	-	Shovels, cranes, ditchers.....	4.425	4.550	10¢	-	-
Mortar mixers.....	3.275	3.425	7½¢	-	-	Medium equipment:					
Building laborers.....	3.175	3.325	7½¢	-	-	Graders, bulldozers.....	3.950	4.075	10¢	-	-
Elevator constructors' helpers.....	2.835	2.950	7½¢	10½¢	(4)	Scoops (carryall).....	4.050	4.175	10¢	-	-
Marble setters' helpers.....	3.300	3.450	-	-	-	Light equipment:					
Plasterers' laborers.....	3.300	3.450	7½¢	-	-	Compressors, pumps.....	3.800	3.925	10¢	-	-
Plumbers' laborers.....	3.365	3.515	-	-	-	Rollers.....	3.950	4.075	10¢	-	-
Terrazzo workers' helpers.....	3.425	3.575	-	-	-	Heavy construction:					
Tile layers' helpers.....	3.300	3.450	-	-	-	Cranes, shovels.....	4.450	4.550	-	-	-
DETROIT, MICH.						Carryall scoops.....					
Journeyman						Medium equipment:					
Asbestos workers.....	4.250	4.450	17¢	12¢	45¢	Bulldozers.....	4.250	4.350	-	-	-
Boilermakers.....	4.375	4.575	10¢	10¢	15¢	Compressors, hoists.....	3.960	4.060	-	-	-
Bricklayers.....	4.350	4.560	15¢	4%	-	Light equipment:					
Carpenters.....	3.950	4.200	15¢	6%	4%	Rollers, pumps, welders.....	3.960	4.060	-	-	-
Home insulators.....	3.950	4.200	15¢	6%	4%	Glaziers.....	3.625	3.750	-	-	-
Millwrights.....	3.950	4.200	15¢	6%	4%	Lathers.....	4.360	4.485	10¢	-	-
Cement finishers.....	3.850	4.050	15¢	3%	1710¢	Machinists.....	3.690	3.790	-	-	-
Electricians (inside wiremen).....	4.460	4.600	13¢	1%+10¢	27%	Marble setters.....	4.050	4.250	10¢	-	-
Elevator constructors.....	4.185	4.410	7½¢	10½¢	(4)	Mosaic and terrazzo workers.....	4.050	4.250	10¢	-	-
Engineers—Power equipment operators:						Painters.....	3.550	3.675	-	-	-
Building and heavy construction:						Roller.....	3.650	3.775	-	-	-
On steel.....	4.450	4.650	15¢	15¢	175¢	Swing.....	3.660	3.785	-	-	-
Compressors.....	4.250	4.350	15¢	15¢	175¢	Spray.....	3.930	4.055	-	-	-
Not on steel.....	3.970	4.200	15¢	4%	1710¢	Structural steel.....	3.770	3.895	-	-	-
Compressors.....	3.665	3.820	15¢	4%	1710¢	Paperhangers.....	3.550	3.675	-	-	-
Glaziers.....	3.820	3.820	13¢	10¢	-	Pipefitters.....	4.000	4.125	15¢	10¢	-
Lathers.....	3.990	4.110	18¢	13¢	25¢	Plasterers.....	4.050	4.170	10¢	-	-
Marble setters.....	4.120	4.370	10¢	10¢	1713¢	Plumbers.....	4.000	4.125	15¢	10¢	-
Mosaic and terrazzo workers.....	4.170	4.220	10¢	10¢	11¢	Rodmen.....	4.310	4.385	20¢	-	-
Painters.....	3.800	3.900	20¢	15¢	20¢	Roofers, composition.....	3.600	3.725	-	-	-
Spray and swing stage.....	4.050	4.150	20¢	15¢	20¢	Roofers, slate and tile.....	3.600	3.725	-	-	-
Paperhangers.....	3.800	3.900	20¢	15¢	20¢	Sheet-metal workers.....	4.100	4.125	12½¢	20¢	-
Pipefitters.....	4.300	4.510	10½¢	11½¢	2029¢	Stonemasons.....	4.450	4.575	10¢	-	-
Sprinkler fitters.....	4.430	4.580	11¢	10¢	2030¢	Structural-iron workers.....	4.310	4.385	20¢	-	-
Plasterers.....	4.140	4.140	20¢	12¢	4%	Tile layers.....	4.050	4.250	10¢	-	-
Plumbers.....	4.400	4.625	9¢	11½¢	2029¢	Helpers and laborers					
Rodmen.....	3.920	4.170	15¢	17¢	12¢	Bricklayers' tenders.....	3.125	3.250	10¢	10¢	-
Roofers, composition and precast tile.....	4.250	4.370	20¢	10¢	-	Hod carriers.....	3.225	3.350	10¢	10¢	-
Roofers, slate and tile.....	4.750	4.870	20¢	10¢	-	Building laborers.....	3.025	3.150	10¢	10¢	-
Sheet-metal workers:						Elevator constructors' helpers.....	2.905	2.960	7½¢	10½¢	(4)
Agreement A.....	(16)	4.400	15¢	3%	5%	Marble setters' helpers.....	3.150	3.250	-	-	-
Agreement B.....	4.200	4.350	3%	3%	(21)	Plasterers' laborers.....	3.225	3.350	10¢	10¢	-
Stonemasons.....	4.350	4.560	15¢	4%	-	Mortar mixers.....	3.325	3.450	10¢	10¢	-
Structural-iron workers.....	4.400	4.580	4%	3%	3%	Plumbers' laborers.....	3.125	3.250	10¢	10¢	-
Riggers.....	3.750	3.850	8%	5%	4%	Terrazzo workers' helpers.....	3.200	3.300	-	-	-
Tile layers.....	3.970	4.120	10¢	10¢	11¢	Grinders and polishers.....	3.250	3.350	-	-	-
Helpers and laborers						Tile layers' helpers.....					
Bricklayers' tenders.....	3.270	3.270	15¢	3%	1710¢						
Mortar mixers.....	3.300	3.300	15¢	3%	1710¢						
Building laborers:											
Agreement A.....	3.220	3.220	15¢	3%	1710¢						
Agreement B.....	3.220	3.220	11¢	3%	1710¢						
Elevator constructors' helpers.....	2.930	3.090	7½¢	10½¢	(4)						

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
EVANSVILLE, IND.						FRESNO, CALIF.					
Journeyman						Journeyman					
Asbestos workers.....	\$4.050	\$4.150	10¢	10¢	-	Asbestos workers.....	\$4.870	\$5.160	23¢	20¢	30¢
Boilermakers.....	4.400	4.650	10¢	10¢	-	Boilermakers.....	4.750	5.000	10¢	10¢	10¢
Bricklayers.....	4.250	4.350	-	-	-	Bricklayers.....	4.450	4.600	15¢	-	15¢
Carpenters:						Carpenters.....	4.105	4.340	18¢	20¢	15¢
Commercial.....	3.800	3.900	10¢	-	-	Floor layers, shinglers.....	4.255	4.490	18¢	20¢	15¢
Residential.....	3.000	3.100	10¢	-	-	Millwrights.....	4.405	4.640	18¢	20¢	15¢
Millwrights and piledrivers.....	3.800	3.950	10¢	-	-	Cement finishers.....	4.050	4.195	16¢	20¢	30¢
Cement finishers.....	3.645	3.695	10¢	-	-	Electricians (inside wiremen).....	4.740	4.970	15¢	10¢	14 25¢
Scaffold and swing wiremen.....	3.895	3.945	10¢	-	-	Elevator constructors.....	4.740	4.990	7 1/2¢	10 1/2¢	(*)
Electricians (inside wiremen).....	4.150	4.280	-	1 1/2%	-	Engineers—Power equipment operators:					
Elevator constructors.....	4.030	4.140	7 1/2¢	10 1/2¢	(*)	Building construction:					
Engineers—Power equipment operators:						Heavy equipment:					
Building construction:						Derricks.....	4.930	5.175	17¢	20¢	17 1/2¢
Heavy equipment:						Tractor-type shovel loaders.....	4.730	4.965	17¢	20¢	17 1/2¢
Cranes, derricks, shovels, draglines.....	(16)	4.260	-	-	-	Medium equipment:					
Medium equipment:						Material hoists.....	4.330	4.545	17¢	20¢	17 1/2¢
Drill operators, welding machines.....	(16)	3.860	-	-	-	Mixermobiles.....	4.550	4.785	17¢	20¢	17 1/2¢
Dredges.....	(16)	4.260	-	-	-	Scoopmobiles (when used as a hoist).....	4.330	4.545	17¢	20¢	17 1/2¢
Light equipment:						Light equipment:					
Portable loaders, air compressors (200 cubic feet or more).....	(16)	3.860	-	-	-	Compressors.....	3.980	4.185	17¢	20¢	17 1/2¢
Air compressors (under 200 cubic feet), generators.....	(16)	3.560	-	-	-	Compressors (more than 1).....	4.430	4.655	17¢	20¢	17 1/2¢
Throttle valves.....	(16)	4.260	-	-	-	Towermobiles.....	4.330	4.545	17¢	20¢	17 1/2¢
Heavy construction:						Concrete mixers (up to 1 yard).....	3.980	4.185	17¢	20¢	17 1/2¢
Heavy equipment:						Heavy construction:					
Cranes or derricks with attachments.....	4.050	4.200	-	-	-	Heavy equipment:					
Piledrivers, skid or crawler.....	4.050	4.200	-	-	-	Power shovels:					
Bulldozers.....	3.950	4.100	-	-	-	1 cubic yard and under.....	4.930	5.175	17¢	20¢	17 1/2¢
Medium equipment:						Over 1 cubic yard.....	5.060	5.305	17¢	20¢	17 1/2¢
High-lift shovels, 1 1/2 to 5 yards; tractors, boom, push, with scoop.....	3.950	4.100	-	-	-	Le Tourneau pulls.....	4.730	4.965	17¢	20¢	17 1/2¢
High-lift shovels, over 5 yards.....	4.050	4.200	-	-	-	Highline cableways.....	5.060	5.305	17¢	20¢	17 1/2¢
Light equipment:						Medium equipment:					
Air compressors.....	2.750	2.850	-	-	-	Mucking machines.....	4.730	4.965	17¢	20¢	17 1/2¢
Portable excavating loaders.....	3.600	3.700	-	-	-	Dual-drum mixers.....	4.550	4.785	17¢	20¢	17 1/2¢
Welding machines.....	2.750	2.850	-	-	-	Tractors.....	4.640	4.895	17¢	20¢	17 1/2¢
Glaziers.....	3.275	3.425	-	-	-	Light equipment:					
Lathers.....	4.000	4.150	-	-	-	Locomotives.....	4.080	4.285	17¢	20¢	17 1/2¢
Marble setters.....	3.775	3.875	-	-	-	Steam or over 30 tons.....	4.480	4.705	17¢	20¢	17 1/2¢
Mosaic and terrazzo workers.....	3.775	3.875	-	-	-	Truck cranes:					
Painters.....	3.400	3.500	15¢	-	-	15 tons or less.....	4.930	5.175	17¢	20¢	17 1/2¢
Spray.....	4.150	4.250	15¢	-	-	Over 15 tons.....	5.060	5.305	17¢	20¢	17 1/2¢
Structural steel:						Glaziers.....	4.210	4.430	10¢	10¢	22 1/2%
Brush.....	4.400	4.500	15¢	-	-	Lathers.....	4.550	4.750	10¢	-	-
Spray.....	4.900	5.000	15¢	-	-	Mosaic and terrazzo workers.....	4.300	4.525	10¢	-	-
Paperhangers.....	3.400	3.500	15¢	-	-	Painters.....	4.130	4.380	10¢	-	-
Pipefitters.....	3.965	4.180	10¢	-	10¢	Spray.....	4.380	4.630	10¢	-	-
Plasterers.....	4.150	4.300	-	-	-	Paperhangers.....	4.380	4.630	10¢	-	-
Plumbers.....	3.965	4.180	10¢	-	10¢	Pipefitters.....	5.150	5.400	17 1/2¢	10¢	-
Rodmen.....	4.200	4.400	10¢	10¢	-	Plasterers.....	4.150	4.300	12 1/2¢	-	25¢
Roofers, composition.....	3.400	3.550	-	-	-	Plumbers.....	5.150	5.400	17 1/2¢	10¢	-
Roofers, slate and tile.....	3.700	3.850	-	-	-	Rodmen.....	4.500	4.750	15¢	10¢	10¢
Concrete slab; gypsum plank.....	3.550	3.700	-	-	-	Roofers, slate and tile.....	3.900	4.100	10¢	-	-
Sheet-metal workers.....	3.950	4.120	-	-	-	Sheet-metal workers.....	4.500	4.650	15¢	12¢	5
Structural-iron workers.....	4.200	4.400	10¢	10¢	-	Structural- and ornamental-iron workers.....	4.750	5.000	15¢	10¢	10¢
Tile layers.....	3.775	3.875	-	-	-	Tile layers.....	4.300	4.525	10¢	-	-
Helpers and laborers						Helpers and laborers					
Bricklayers' tenders.....	2.900	3.025	10¢	10¢	-	Bricklayers' tenders.....	3.700	3.800	15¢	10¢	15¢
Building laborers.....	2.750	2.875	10¢	10¢	-	Building laborers.....	3.425	3.575	15¢	10¢	15¢
Composition roofers' helpers.....	2.900	2.900	-	-	-	Elevator constructors' helpers.....	3.320	3.490	7 1/2¢	10 1/2¢	(*)
Elevator constructors' helpers.....	2.820	2.900	7 1/2¢	10 1/2¢	(*)	Plasterers' laborers.....	3.950	4.100	15¢	-	5 20¢
Plasterers' laborers.....	2.900	3.025	10¢	10¢	-	Terrazzo workers' helpers.....	3.375	3.600	10¢	-	-
Terrazzo workers' helpers.....	2.900	3.025	10¢	10¢	-	Tile layers' helpers.....	3.375	3.600	10¢	-	-
Tile layers' helpers.....	2.900	3.025	10¢	10¢	-	GRAND RAPIDS, MICH.					
Journeyman						Journeyman					
Asbestos workers.....	4.070	4.220	20¢	15¢	-	Asbestos workers.....	4.070	4.220	20¢	15¢	30¢
Bricklayers.....	4.250	4.400	14 10¢	-	-	Bricklayers.....	4.250	4.400	14 10¢	-	-
Home builders.....	3.500	3.500	-	-	-	Home builders.....	3.500	3.500	-	-	-
Carpenters.....	3.600	3.650	13¢	10¢	20 20¢	Carpenters.....	3.600	3.650	13¢	10¢	20 20¢
Millwrights.....	4.100	4.150	13¢	10¢	-	Millwrights.....	4.100	4.150	13¢	10¢	-
Cement finishers.....	3.770	3.870	8¢	-	-	Cement finishers.....	3.770	3.870	8¢	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension		Vacation pay <sup>3</sup>	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension
<b>GRAND RAPIDS, MICH.—Continued</b>						<b>HOUSTON, TEX.—Continued</b>						
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>						
Electricians (inside wiremen).....	\$4.090	\$4.250	11¢	1%	4%	Engineers—Power equipment operators—Continued						
Elevator constructors	4.090	4.190	7½¢	10½¢	(*)	Heavy construction—Continued						
Engineers—Power equipment operators:						Light equipment:						
Building and heavy construction:						Air compressors, pumps, wagon-drill operators.....	\$3.675	\$3.800	-	-	-	-
Air compressors.....	3.480	3.580	10¢	10¢	-	Glaziers.....	3.575	3.725	-	-	-	-
Bulldozers, pumps, hoists, tractors.....	3.800	3.970	10¢	10¢	-	Lathers.....	4.100	4.250	12¢	-	-	-
Cranes, shovels, piledrivers.....	3.930	4.130	10¢	10¢	-	Machinists.....	4.150	4.325	-	-	-	-
Oilers and firemen.....	3.250	3.350	10¢	10¢	-	Marble setters.....	3.950	4.050	-	-	-	-
Steel erection.....	4.270	4.470	10¢	10¢	-	Mosaic and terrazzo workers.....	3.950	4.050	-	-	-	-
Glaziers.....	3.400	3.540	8¢	-	-	Painters:						
Lathers.....	3.750	3.830	13¢	-	25¢	Brush:						
Marble setters.....	4.050	4.200	-	-	-	Commercial.....	3.610	3.885	7½¢	-	-	-
Mosaic and terrazzo workers.....	4.050	4.200	-	-	-	Industrial.....	3.710	3.985	7½¢	-	-	-
Painters.....	3.370	3.520	10¢	-	10¢	Spray:						
Spray and swing stage.....	3.620	3.770	10¢	-	10¢	Commercial.....	3.985	4.260	7½¢	-	-	-
Paperhangers.....	3.620	3.770	10¢	-	10¢	Industrial.....	4.035	4.310	7½¢	-	-	-
Pipefitters.....	4.450	4.650	10¢	-	-	100 feet and over.....	4.235	4.510	7½¢	-	-	-
Plasterers.....	3.700	3.800	10¢	-	10¢	Paperhangers.....	3.610	3.885	7½¢	-	-	-
Plumbers.....	4.450	4.650	10¢	-	-	Pipefitters.....	4.200	4.200	-	17½¢	-	-
Rodmen.....	4.150	4.350	15¢	-	-	Plasterers.....	4.100	4.250	12¢	-	-	-
Roofers, composition.....	3.500	3.600	-	-	-	Plumbers.....	4.100	4.100	7½¢	10¢	17½¢	-
Roofers, slate and tile.....	3.750	3.750	-	-	-	Rodmen.....	3.825	3.925	12½¢	-	5¢	-
Sheet-metal workers.....	3.800	3.870	12¢	10¢	4%	Roofers, composition.....	3.400	3.575	-	-	-	-
Stonemasons.....	4.250	4.400	10¢	-	-	Roofers, slate and tile.....	3.935	3.960	-	-	-	-
Structural-iron workers.....	4.400	4.600	15¢	-	-	Sheet-metal workers.....	3.935	3.960	7½¢	12½¢	15¢	-
Tile layers.....	4.050	4.200	-	-	-	Stonemasons.....	4.250	4.400	-	-	-	-
						Structural-iron workers.....	4.050	4.150	12½¢	-	5¢	-
						Sheeters and buckers-up.....	4.175	4.275	12½¢	-	5¢	-
						Tile layers.....	3.950	4.050	-	-	-	-
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>						
Bricklayers' tenders.....	2.950	3.030	8¢	-	10¢	Bricklayers' tenders.....	2.590	2.590	-	-	-	-
Mortar mixers.....	3.050	3.130	8¢	-	10¢	Mortar mixers.....	2.690	2.690	-	-	-	-
Building laborers.....	2.950	3.030	8¢	-	10¢	Building laborers.....	2.415	2.415	-	-	-	-
Elevator constructors' helpers.....	2.863	2.930	7½¢	10½¢	(*)	Elevator constructors' helpers.....	2.860	2.910	7½¢	10½¢	(*)	-
Marble setters' helpers.....	3.150	3.250	10¢	-	-	Marble setters' helpers.....	2.350	2.450	-	-	-	-
Plasterers' laborers.....	3.075	3.155	8¢	-	10¢	Plasterers' laborers.....	2.690	2.690	-	-	-	-
Terrazzo workers' helpers.....	3.150	3.250	10¢	-	-	Terrazzo workers' helpers.....	2.350	2.450	-	-	-	-
Base-machine operators.....	3.500	3.600	10¢	-	-	Base machine.....	2.650	2.750	-	-	-	-
Tile layers' helpers.....	3.150	3.250	10¢	-	-	Floor machine.....	2.500	2.600	-	-	-	-
						Tile layers' helpers.....	2.350	2.450	-	-	-	-
<b>HOUSTON, TEX.</b>						<b>INDIANAPOLIS, IND.</b>						
<u>Journeyman</u>						<u>Journeyman</u>						
Asbestos workers.....	4.325	4.475	10¢	10¢	-	Asbestos workers.....	4.100	4.450	10¢	-	-	-
Boilermakers.....	4.100	4.200	10¢	10¢	-	Boilermakers.....	4.400	4.650	10¢	10¢	-	-
Bricklayers.....	4.250	4.400	-	-	-	Bricklayers.....	4.510	4.600	-	-	-	-
Carpenters.....	3.970	4.120	-	-	-	Carpenters.....	4.075	4.250	7½¢	-	-	-
Millwrights.....	4.120	4.295	-	-	-	Cement finishers.....	3.725	3.825	10¢	-	-	-
Cement finishers (inside wiremen).....	4.050	4.205	11¢	1%	22½¢	Electricians (inside wiremen).....	4.400	4.475	2%	1%+10¢	-	-
Elevator constructors.....	4.080	4.160	7½¢	10½¢	(*)	Elevator constructors.....	4.160	4.300	7½¢	10½¢	(*)	-
Engineers—Power equipment operators:						Engineers—Power equipment operators:						
Building construction:						Building construction:						
Heavy equipment:						Heavy equipment:						
Bulldozers, cat tractors, cranes, derricks, draglines, hoists (2 drums or more), mixers (14 cubic feet or more), piledrivers, shovels.....	4.175	4.300	-	-	-	Cranes.....	4.230	4.310	-	10¢	-	-
Light equipment:						Derricks—Bull wheels.....	4.480	4.560	-	10¢	-	-
Air compressors, mixers (less than 14 cubic feet), pumps.....	3.675	3.800	-	-	-	Hoists.....	4.130	4.210	-	10¢	-	-
Heavy construction:						Medium equipment:						
Heavy equipment:						Concrete mixers (21 cubic feet).....	4.080	1.160	-	10¢	-	-
Bulldozers, graders, blade (self-propelled), mixers (14 cubic feet or over), scrapers (over 3 cubic yards).....	4.175	4.300	-	-	-	Concrete pumps, tractor shovels.....	4.130	4.710	-	10¢	-	-
Light equipment:						Light equipment:						
Air compressors, pumps (water), welding machines.....	2.730	2.810	-	-	-	Air compressors, pumps (water), welding machines.....	2.730	2.810	-	10¢	-	-
Heavy construction:						Heavy construction:						
Heavy equipment:						Heavy equipment:						
Auto patrols, scoops, cranes.....	4.600	4.600	-	-	-	Auto patrols, scoops, cranes.....	4.600	4.600	-	10¢	-	-
Medium equipment:						Medium equipment:						
Bulldozers.....	3.900	3.950	-	-	-	Bulldozers.....	3.900	3.950	-	10¢	-	-
Trench machines.....	3.750	3.750	-	-	-	Trench machines.....	3.750	3.750	-	10¢	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964					
		Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
				Insurance <sup>2</sup>	Pension					Vacation pay <sup>3</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
<b>INDIANAPOLIS, IND.—Continued</b>						<b>JACKSON, MISS.—Continued</b>							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators—Continued						Stonemasons.....	\$3.750	\$3.750	-	-	-		
Heavy construction—Continued						Structural- and ornamental-iron workers.....	3.575	3.575	-	-	-		
Light equipment:						Tile layers.....	3.500	3.500	-	-	-		
Compressors, pumps.....	\$2.700	\$2.750	-	10¢	-	<u>Helpers and laborers</u>							
Tractors.....	3.000	3.050	-	10¢	-	Bricklayers' tenders.....	1.725	1.725	-	-	-		
Glaziers.....	3.950	4.270	-	-	-	Mortar mixers.....	1.775	1.775	-	-	-		
Lathers.....	4.125	4.325	-	-	-	Building laborers.....	1.625	1.625	-	-	-		
Marble setters.....	4.270	4.360	-	-	-	Air tool operators.....	1.725	1.725	-	-	-		
Mosaic and terrazzo workers.....	4.050	4.050	-	-	-	Composition roofers' helpers.....	1.450	1.450	-	-	-		
Painters.....	4.000	4.000	-	-	-	Elevator constructors' helpers.....	2.540	2.600	7½¢	10½¢	(*)		
Hand roller.....	4.000	4.000	-	-	-	Plasterers' laborers.....	1.725	1.725	-	-	-		
Spray.....	4.000	4.000	-	-	-	<b>JACKSONVILLE, FLA.</b>							
Paperhangers.....	4.250	4.350	10¢	-	-	<u>Journeyman</u>							
Plasterers.....	4.125	4.325	10¢	-	-	Asbestos workers.....	3.915	3.915	10¢	7¢	-		
Plumbers.....	4.250	4.350	10¢	-	-	Boilermakers.....	4.050	4.250	10¢	10¢	-		
Rodmen.....	4.200	4.350	15¢	-	-	Bricklayers.....	3.900	4.000	-	-	-		
Roofers, composition.....	3.750	3.870	-	-	-	Carpenters.....	3.450	-	-	-	-		
Roofers, slate and tile.....	4.000	4.120	-	-	-	Millwrights.....	3.800	-	-	-	-		
Sheet-metal workers.....	4.100	4.180	15¢	10¢	-	Cement finishers.....	3.100	3.200	-	-	-		
Stonemasons.....	4.510	4.600	-	-	-	Electricians (inside wiremen).....	4.050	4.100	-	1%	-		
Structural-iron workers.....	4.200	4.350	15¢	-	-	Elevator constructors.....	3.880	3.940	7½¢	10½¢	(*)		
Tile layers.....	4.270	4.360	-	-	-	Engineers—Power equipment operators:							
<u>Helpers and laborers</u>						Air compressors.....	2.200	2.400	-	-	-		
Bricklayers' tenders.....	2.945	3.045	10¢	10¢	-	Bulldozers, D-6 and larger.....	3.300	3.500	-	-	-		
Building laborers.....	2.850	2.950	10¢	10¢	-	Cranes (erecting steel).....	3.500	3.700	-	-	-		
Composition roofers' helpers.....	3.300	3.420	-	-	-	Derricks, draglines, piledrivers.....	3.500	3.700	-	-	-		
Elevator constructors' helpers.....	2.910	3.010	7½¢	10½¢	(*)	Graders, motor patrol.....	3.200	3.400	-	-	-		
Marble setters' helpers.....	3.100	3.200	-	-	-	Hoists.....	3.300	3.500	-	-	-		
Plasterers' laborers.....	2.945	3.045	10¢	10¢	-	Pumps.....	2.300	2.500	-	-	-		
Terrazzo workers' helpers.....	3.150	3.300	-	-	-	Scrapers.....	2.850	3.050	-	-	-		
Base-machine operators.....	3.600	3.750	-	-	-	Shovels.....	3.500	3.700	-	-	-		
Tile layers' helpers.....	3.100	3.200	-	-	-	Tractors:							
<b>JACKSON, MISS.</b>						Under 50 horsepower.....	2.100	2.300	-	-	-		
<u>Journeyman</u>						50 horsepower or larger.....	2.650	2.850	-	-	-		
Asbestos workers.....	4.050	4.150	10¢	-	-	Trench machines.....	2.850	3.050	-	-	-		
Bricklayers.....	3.750	3.750	-	-	-	Glaziers.....	3.250	3.350	-	-	-		
Carpenters.....	3.300	3.300	-	-	-	Lathers.....	3.550	3.650	-	-	-		
Millwrights, piledrivers.....	3.550	3.550	-	-	-	Marble setters.....	3.500	3.650	-	-	-		
Cement finishers.....	3.050	3.050	-	-	-	Mosaic and terrazzo workers.....	3.500	3.650	-	-	-		
Machinemen.....	3.200	3.200	-	-	-	Painters.....	3.150	3.250	-	-	-		
Electricians (inside wiremen).....	3.700	3.900	-	1%	-	Structural steel erected.....	3.675	3.775	-	-	-		
Elevator constructors.....	3.625	3.715	7½¢	10½¢	(*)	Spray.....	3.560	3.660	-	-	-		
Engineers—Power equipment operators:						Swing stage.....	3.675	3.775	-	-	-		
Building construction:						Paperhangers.....	3.400	3.500	-	-	-		
Air compressors.....	2.525	2.525	-	-	-	Pipefitters.....	4.000	4.000	10¢	10¢	-		
Cranes, bulldozers, derricks, draglines, piledrivers, scrapers, shovels.....	3.475	3.475	-	-	-	Plasterers.....	3.550	3.650	-	-	-		
Hoists, mixers.....	3.075	3.075	-	-	-	Plumbers.....	4.000	4.000	10¢	10¢	-		
Pumps.....	2.525	2.525	-	-	-	Rodmen.....	3.780	3.900	12¢	-	-		
Concrete.....	3.075	3.075	-	-	-	Roofers, composition.....	3.250	3.350	-	-	-		
Rollers, finishing machines.....	3.075	3.075	-	-	-	Roofers, slate and tile.....	3.250	3.350	-	-	-		
Lathers.....	3.275	3.390	-	-	-	Sheet-metal workers.....	3.950	3.950	-	-	-		
Marble setters.....	3.500	3.500	-	-	-	Stonemasons.....	3.900	4.000	-	-	-		
Mosaic and terrazzo workers.....	3.500	3.500	-	-	-	Structural- and ornamental-iron workers.....	3.530	3.600	12¢	-	-		
Painters.....	2.875	2.875	-	-	-	Tile layers.....	3.500	3.650	-	-	-		
Spray.....	3.375	3.375	-	-	-	<u>Helpers and laborers</u>							
Swing stage, structural steel.....	3.125	3.125	-	-	-	Bricklayers' tenders.....	1.600	1.700	-	-	-		
Paperhangers.....	2.875	2.875	-	-	-	Mortar mixers.....	1.650	1.750	-	-	-		
Pipefitters.....	3.950	4.150	-	-	-	Building laborers.....	1.450	1.550	-	-	-		
Plasterers.....	3.250	3.400	-	-	-	Composition roofers' helpers.....	1.650	1.750	-	-	-		
Plumbers.....	3.950	4.150	-	-	-	Elevator constructors' helpers.....	2.725	2.760	7½¢	10½¢	(*)		
Rodmen.....	3.325	3.325	-	-	-	Plasterers' laborers.....	1.600	1.700	-	-	-		
Roofers, composition.....	2.300	2.300	-	-	-								
Sheet-metal workers.....	3.600	3.700	-	-	-								

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
KANSAS CITY, MO.						KNOXVILLE, TENN.—Continued					
<u>Journeyman</u>						<u>Journeyman—Continued</u>					
Asbestos workers	\$4.020	\$4.170	10¢	15¢	4%	Cement finishers	\$3.250	\$3.325	-	-	-
Boilermakers	4.150	4.300	10¢	10¢	-	Electricians (inside wiremen)	3.850	4.000	7½¢	1% <sup>1</sup>	-
Bricklayers	4.400	4.575	10¢	-	-	Elevator constructors	3.810	3.945	7½¢	10½¢ <sup>1</sup>	(*)
Carpenters	4.025	4.025	15¢	-	-	Engineers—Power equipment operators:					
Cement finishers	3.900	4.050	10¢	-	-	Group A:					
Composition	4.025	4.175	10¢	-	-	Cranes, derricks, drag-lines, hoists (any size handling steel or stone), piledrivers, shovels, winch trucks with A-Frame	3.650	3.750	-	-	-
Electricians (inside wiremen)	4.480	4.680	10¢	1%	-	Group B:					
Elevator constructors	4.180	4.290	7½¢	10½¢ <sup>1</sup>	(*)	Bulldozers, central compressor plants, central mixing					
Engineers—Power equipment operators:						plants, elevating graders, hoists (not handling steel or stone), scrapers, trenching machines	3.400	3.500	-	-	-
Building construction:						Group C:					
Heavy equipment:						Compressors, portable (2 or 3), finishing machines, mixers (over 2 bags not to include central plants), pumps (2 or 3), tractors	3.025	3.050	-	-	-
Cranes, power shovels	3.895	4.045	12½¢	-	-	Group D:					
Hoists, 2 drums or more	3.895	4.045	12½¢	-	-	Air compressors (1 portable), pumps (1)	2.650	2.750	-	-	-
Medium equipment:						Glaziers	2.850	2.950	-	-	-
Concrete mixers	3.650	3.800	12½¢	-	-	Lathers	3.600	3.775	-	10¢	-
Hoists, 1 drum	3.650	3.800	12½¢	-	-	Marble setters	4.225	4.325	-	-	-
Shovels, traction, hi-lift front end	3.650	3.800	12½¢	-	-	Mosaic and terrazzo workers	4.225	4.325	-	-	-
Light equipment:						Painters	3.200	3.350	-	-	-
Firemen	3.210	3.500	12½¢	-	-	Spray (on wood)	3.450	3.600	-	-	-
Oilers	3.100	3.250	12½¢	-	-	Structural steel (brush)	3.550	3.700	-	-	-
Tractors, less than 50 horsepower	3.100	3.250	12½¢	-	-	Swing stage	3.450	3.600	-	-	-
Heavy construction:						Spray (on steel)	3.800	3.950	-	-	-
Heavy equipment:						Pipefitters	4.000	4.150	-	-	-
Draglines and shovels	3.825	3.950	12½¢	-	-	Plasterers	3.850	3.975	-	-	-
Dredges, steam, gas, Diesel	3.825	3.950	12½¢	-	-	Plumbers	4.000	4.150	-	-	-
Piledrivers	3.825	3.950	12½¢	-	-	Rodmen	3.650	3.750	-	-	-
Medium equipment:						Roofers, composition	2.950	3.050	-	-	-
Ditching machines	3.825	3.950	12½¢	-	-	Roofers, slate and tile	3.000	3.100	-	-	-
Patrol blades	3.625	3.750	12½¢	-	-	Sheet-metal workers	3.640	3.740	7½¢	-	-
Tractors, over 50 horsepower	3.625	3.750	12½¢	-	-	Stonemasons	4.225	4.325	-	-	-
Light equipment:						Structural-iron workers	3.750	3.850	-	-	-
Firemen	3.225	3.350	12½¢	-	-	Tile layers	4.225	4.325	-	-	-
Oilers	2.990	3.115	12½¢	-	-						
Tractors, less than 50 horsepower	2.990	3.115	12½¢	-	-	Helpers and laborers:					
Glaziers	4.015	4.195	-	-	-	Building laborers	2.200	2.275	-	-	-
Lathers	4.050	4.200	-	-	-	Composition roofers' helpers	2.230	2.300	-	-	-
Machinists	4.200	4.400	-	-	-	Elevator constructors' helpers	2.665	2.760	7½¢	10½¢ <sup>1</sup>	(*)
Marble setters	4.300	4.450	3.65%	3.25%	-	Plasterers' laborers	2.250	2.325	-	-	-
Mosaic and terrazzo workers	4.300	4.450	3.65%	3.25%	-	Hod carriers	2.350	2.425	-	-	-
Painters	3.950	3.950	12½¢	-	-						
Paperhangers	3.950	3.950	(*)	-	-						
Pipefitters	4.200	4.450	12½¢	15¢	-						
Sprinkler fitters	4.100	4.560	11¢	10¢	-						
Plasterers	4.125	4.275	10¢	-	-						
Plumbers	4.200	4.450	12½¢	15¢	-						
Rodmen	3.875	4.025	12½¢	-	-						
Roofers, composition	3.550	3.725	12½¢	-	-						
Roofers, slate and tile	3.550	3.725	12½¢	-	-						
Sheet-metal workers	4.125	4.175	10¢	10¢	510¢						
Stonemasons	4.150	4.325	10¢	-	-						
Structural-iron workers	4.025	4.175	12½¢	-	-						
Tile layers	4.300	4.450	3.65%	3.25%	-						
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>					
Bricklayers' tenders	3.050	3.200	10¢	-	-						
Building laborers	2.855	3.005	10¢	-	-						
Elevator constructors' helpers	2.930	3.000	7½¢	10½¢ <sup>1</sup>	(*)						
Marble setters' helpers	3.050	3.200	-	-	-						
Plasterers' laborers	3.050	3.200	10¢	-	-						
Plumbers' laborers	2.950	3.100	10¢	-	-						
Terrazzo workers' helpers	3.175	3.310	-	-	-						
Base-machine operators	3.575	3.710	-	-	-						
Tile layers' helpers	3.050	3.200	-	-	-						
KNOXVILLE, TENN.						LITTLE ROCK, ARK.					
<u>Journeyman</u>						<u>Journeyman</u>					
Asbestos workers	3.900	4.050	10¢	10¢	-	Asbestos workers	3.950	4.050	10¢	-	-
Boilermakers	4.050	4.250	10¢	10¢	-	Boilermakers	4.100	4.200	10¢	10¢	-
Bricklayers	4.225	4.325	-	-	-	Bricklayers	4.000	4.150	-	-	-
Carpenters	3.525	3.625	-	-	-	Carpenters	3.500	3.550	-	-	-
Millwrights	3.675	3.775	-	-	-	Millwrights, piledrivers	3.500	3.800	-	-	-
Piledrivers	3.775	3.875	-	-	-	Cement finishers	3.450	3.600	-	-	-
						Electricians (inside wiremen)	3.850	3.950	-	-	-
						Elevator constructors	3.850	3.920	7½¢	10½¢ <sup>1</sup>	(*)
						Engineers—Power equipment operators:					
						Air compressors:					
						Under 365 c. f. m.	2.550	3.000	-	-	-
						Over 365 c. f. m.	2.900	3.200	-	-	-
						Bulldozers	3.600	3.750	-	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
<b>LITTLE ROCK, ARK.—Continued</b>						<b>LOS ANGELES, CALIF.—Continued</b>					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
<b>Engineers—Power equipment operators—Continued</b>						<b>Engineers—Power equipment operators—Continued</b>					
<b>Cranes, derricks, draglines</b> .....						<b>Building construction—Continued</b>					
Graders	\$3,800	\$3,950	-	-	-	<b>Light equipment:</b>					
Hoists:	3,600	3,750	-	-	-	<b>Air compressors</b> .....					
1 drum	3,100	3,200	-	-	-	\$3,780	\$4,030	15¢	15¢	15¢	
2 drums or more	3,600	3,750	-	-	-	<b>Concrete mixers (skip type)</b> .....					
Locomotives	3,600	3,950	-	-	-	4,020	4,270	15¢	15¢	15¢	
Mixers:						<b>Heavy construction:</b>					
Less than 10S	3,100	3,200	-	-	-	<b>Heavy equipment:</b>					
10S or larger	3,600	3,750	-	-	-	<b>Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes)</b> .....					
Pumps	2,900	3,000	-	-	-	4,660	4,910	15¢	15¢	15¢	
Rollers	3,100	3,200	-	-	-	<b>Tractors (bulldozers, tampers, scrapers, or drag-type shovels)</b> .....					
Shovels	3,800	3,950	-	-	-	4,560	4,810	15¢	15¢	15¢	
Trench machines	3,600	3,750	-	-	-	<b>Medium equipment:</b>					
Glaziers	3,100	3,200	-	-	-	<b>Motor patrols, including power blades</b> .....					
Lathers	3,750	3,950	-	-	-	4,660	4,910	15¢	15¢	15¢	
Marble setters	3,450	3,550	-	-	-	4,660	4,910	15¢	15¢	15¢	
Mosaic and terrazzo workers	3,450	3,550	-	-	-	4,660	4,910	15¢	15¢	15¢	
Painters:						4,660	4,910	15¢	15¢	15¢	
Commercial	3,150	3,250	-	-	-	4,660	4,910	15¢	15¢	15¢	
Residential	2,750	2,815	-	-	-	<b>Light equipment:</b>					
Spray	3,600	3,700	-	-	-	<b>Air compressors</b> .....					
Structural steel, swing stage	3,400	3,500	-	-	-	3,780	4,030	15¢	15¢	15¢	
Paperhangers	3,150	3,250	-	-	-	<b>Skip loaders (wheel type)</b> .....					
Pipefitters	4,000	4,100	-	-	-	4,560	4,810	15¢	15¢	15¢	
Plasterers	3,750	3,950	-	-	-	<b>Skip loaders (Hough or similar)</b> .....					
Plumbers	4,000	4,100	-	-	-	4,660	4,910	15¢	15¢	15¢	
Rodmen	3,625	3,800	10¢	-	-	4,240	4,310	12¢	10¢	22 17¢	
Roofers, composition	2,900	3,000	-	-	-	<b>Glaziers:</b>					
Roofers, slate and tile	2,900	3,000	-	-	-	<b>Lathers:</b>					
Sheet-metal workers	3,700	3,900	-	-	-	<b>Metal</b> .....					
Stonemasons	4,000	4,150	-	-	-	<b>Nail on</b> .....					
Structural- and ornamental-iron workers	3,625	3,800	10¢	-	-	<b>Machinists</b> .....					
Tile layers	3,450	3,550	-	-	-	<b>Marble setters</b> .....					
						<b>Mosaic and terrazzo workers</b> .....					
						<b>Painters</b> .....					
						<b>Spray</b> .....					
						<b>Swing stage, brush</b> .....					
						<b>Swing stage, spray</b> .....					
						<b>Paperhangers</b> .....					
						<b>Pipefitters</b> .....					
						<b>Refrigeration fitters</b> .....					
						<b>Sprinkler fitters</b> .....					
						<b>Plasterers</b> .....					
						<b>Plumbers</b> .....					
						<b>Rodmen</b> .....					
						<b>Roofers, composition</b> .....					
						<b>Roofers, slate and tile</b> .....					
						<b>Sheet-metal workers</b> .....					
						<b>Stonemasons</b> .....					
						<b>Structural-iron workers</b> .....					
						<b>Tile layers</b> .....					
						<b>Helpers and laborers</b>					
						<b>Bricklayers' tenders</b> .....					
						<b>Building laborers</b> .....					
						<b>Elevator constructors'</b>					
						<b>helpers</b> .....					
						<b>Plasterers' laborers</b> .....					
						<b>Plumbers' laborers</b> .....					
						<b>LOS ANGELES, CALIF.</b>					
						<u>Journeyman</u>					
						<b>Asbestos workers</b> .....					
						<b>Boilermakers</b> .....					
						<b>Bricklayers</b> .....					
						<b>Carpenters</b> .....					
						<b>Millwrights, parquetry floor layers</b> .....					
						<b>Wharf and bridge, shinglers, and piledrivers</b> .....					
						<b>Cement finishers</b> .....					
						<b>Composition and mastic</b> .....					
						<b>Electricians (inside wiremen)</b> .....					
						<b>Elevator constructors</b> .....					
						<b>Engineers—Power equipment operators:</b>					
						<b>Building construction:</b>					
						<b>Heavy equipment:</b>					
						<b>Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells, or cranes)</b> .....					
						<b>Piledrivers</b> .....					
						<b>Tractors (bulldozers, tampers, scrapers, or drag-type shovels)</b> .....					
						<b>Medium equipment:</b>					
						<b>A-Frame boom trucks</b> .....					
						<b>Motor patrols, including power blades</b> .....					
						<b>LOUISVILLE, KY.</b>					
						<u>Journeyman</u>					
						<b>Asbestos workers</b> .....					
						<b>Boilermakers</b> .....					
						<b>Bricklayers</b> .....					
						<b>Carpenters</b> .....					
						<b>Millwrights</b> .....					
						<b>Cement finishers</b> .....					
						<b>On scaffold</b> .....					
						<b>Electricians (inside wiremen)</b> .....					
						<b>Elevator constructors</b> .....					

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964						
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>		Pension	Vacation pay <sup>3</sup>	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
LOUISVILLE, KY.—Continued					LUBBOCK, TEX.—Continued								
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>								
Engineers—Power equipment operators:					Engineers—Power equipment operators—Continued								
Building construction:					Rollers:								
Heavy equipment:					Over 10 tons.....	\$3.800	\$3.950	-	-	-	-	-	-
Cranes, hoists, shovels.....	\$4.025	\$4.125	-	-	10 tons or less.....	3.575	3.725	-	-	-	-	-	-
Medium equipment:					Scrapers.....	3.975	4.125	-	-	-	-	-	-
Bulldozers.....	4.025	4.125	-	-	Shovels.....	3.975	4.125	-	-	-	-	-	-
Compressors, mixers.....	3.525	3.625	-	-	Glaziers.....	2.500	2.500	-	-	-	-	-	-
Light equipment:					Lathers.....	3.750	4.000	-	-	-	-	-	-
Firemen.....	3.525	3.625	-	-	Marble setters.....	4.150	4.325	-	-	-	-	-	-
Oilers and pumps.....	3.175	3.275	-	-	Mosaic and terrazzo workers.....	4.200	4.250	-	-	-	-	-	-
Heavy construction:					Painters.....	3.250	3.250	-	-	-	-	-	-
Heavy equipment:					Paperhangers.....	3.000	3.200	-	-	-	-	-	-
Bulldozers, cranes, scoops.....	4.025	4.125	-	-	Spray.....	3.650	3.850	-	-	-	-	-	-
Medium equipment:					Pipefitters.....	3.125	3.325	-	-	-	-	-	-
Compressors.....	3.525	3.625	-	-	Plasterers.....	3.950	4.050	-	-	-	-	-	-
Derricks, tractors.....	4.025	4.125	-	-	Plumbers.....	3.750	4.000	-	-	-	-	-	-
Light equipment:					Rodmen.....	3.950	4.050	-	-	-	-	-	-
Firemen.....	3.525	3.625	-	-	Sheet-metal workers.....	3.500	3.750	-	-	-	-	-	15¢
Oilers and pumps.....	3.175	3.275	-	-	Stonemasons.....	4.200	4.250	-	-	-	-	-	-
Glaziers.....	3.430	3.550	-	-	Structural and ornamental-iron workers.....	3.500	3.750	-	-	-	-	-	-
Lathers.....	3.890	3.990	-	10¢	Tile layers.....	3.250	3.250	-	-	-	-	-	-
Machinists.....	4.165	4.350	-	-									
Marble setters.....	3.900	4.000	-	-	<u>Helpers and laborers</u>								
Mosaic and terrazzo workers.....	3.900	4.000	-	-	Bricklayers' tenders.....	2.470	2.540	-	-	-	-	-	-
Painters.....	3.570	3.670	-	-	Building laborers.....	2.320	2.390	-	-	-	-	-	-
Spray.....	3.920	4.120	-	-	Elevator constructors' helpers.....	2.840	2.930	7½¢	10½¢	(*)	(*)	(*)	(*)
Stage, structural steel.....	3.920	4.020	10¢	15¢	Plasterers' laborers.....	2.470	2.540	-	-	-	-	-	-
Pipefitters.....	4.050	4.100	10¢	15¢	Plumbers' laborers.....	2.470	2.540	-	-	-	-	-	-
Plasterers.....	4.000	4.000	10¢	15¢									
Plumbers.....	4.100	4.100	10¢	15¢	MADISON, WIS.								
Rodmen.....	4.250	4.350	15¢	10¢	<u>Journeyman</u>								
Roofers, composition.....	3.250	3.400	-	-	Asbestos workers.....	4.180	4.330	10¢	15¢	15¢	15¢	15¢	15¢
Roofers, slate and tile.....	3.900	3.900	-	-	Boilermakers.....	4.150	4.300	10¢	10¢	-	-	-	-
Sheet-metal workers.....	4.000	4.100	10¢	10¢	Bricklayers.....	4.200	4.350	-	-	-	-	-	-
Stonemasons.....	4.255	4.355	14½¢	-	Carpenters.....	3.750	3.900	-	-	-	-	-	-
Structural-iron workers.....	4.250	4.350	15¢	10¢	Millwrights and piledrivers.....	3.850	4.000	-	-	-	-	-	-
Tile layers.....	3.900	4.000	-	-	Cement finishers.....	3.700	3.850	-	-	-	-	-	-
					Electricians (inside wiremen).....	4.340	4.510	-	1%	-	-	-	-
<u>Helpers and laborers</u>					Elevator constructors.....	3.960	4.040	7½¢	10½¢	(*)	(*)	(*)	(*)
Bricklayers' tenders.....	3.150	3.250	-	-	Engineers—Power equipment operators:								
Building laborers.....	2.925	3.025	-	-	Building and heavy construction:								
Elevator constructors' helpers.....	2.880	2.940	7½¢	10½¢	Heavy equipment:								
Marble setters' helpers.....	2.850	2.950	-	-	Cranes, derricks, shovels, trench machines (large)....	3.960	4.110	-	-	-	-	-	-
Plasterers' laborers.....	3.150	3.250	-	-	Medium equipment:								
Terrazzo workers' helpers.....	2.850	2.950	-	-	Hoists (double), mixers on buildings when paver is used, tractors or bulldozers (over 40 horsepower)....	3.960	4.110	-	-	-	-	-	-
Base grinders.....	3.150	3.250	-	-	Hoists (single), mixers on buildings, tractors (under 40 horsepower)....	3.660	3.810	-	-	-	-	-	-
Flat grinders.....	2.950	3.050	-	-	Trench machines (small).....	3.760	3.910	-	-	-	-	-	-
Tile layers' helpers.....	2.850	2.950	-	-	Light equipment:								
					Air compressors.....	3.360	3.510	-	-	-	-	-	-
					Pumps (well points) ..	3.660	3.810	-	-	-	-	-	-
					Pump operators.....	3.310	3.460	-	-	-	-	-	-
					Glaziers.....	3.630	3.780	17½¢	-	-	-	-	2%
					Lathers.....	3.975	4.100	-	-	-	-	-	-
					Machinists.....	4.200	4.400	-	-	-	-	-	(11)
					Mosaic and terrazzo workers.....	4.050	4.150	-	-	-	-	-	-
					Painters.....	3.630	3.630	15¢	-	-	-	-	10¢
					Structural steel.....	3.780	3.780	15¢	-	-	-	-	10¢
					Bridge.....	4.170	4.170	15¢	-	-	-	-	10¢
					Spray.....	4.170	4.170	15¢	-	-	-	-	10¢
					Swing stage.....	3.880	3.880	15¢	-	-	-	-	10¢
					Paperhangers.....	3.730	3.730	15¢	-	-	-	-	10¢
					Pipefitters.....	3.900	4.070	28 30¢	-	-	-	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964				Trade or occupation	July 1, 1963		July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>					Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>					Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>	
<b>MADISON, WIS.—Continued</b>						<b>MEMPHIS, TENN.—Continued</b>							
<b>Journeyman—Continued</b>						<b>Helpers and laborers</b>							
Plasterers	\$3.900	\$4.000	-	-	-	-	Bricklayers' tenders	\$2.185	\$2.300	-	-	-	-
Plumbers	3.900	4.070	25 30¢	-	-	-	Building laborers	1.950	2.050	-	-	-	-
Rodmen	3.950	4.100	-	-	-	-	Composition roofers'	-	-	-	-	-	-
Roofers, composition	3.500	3.600	-	-	-	-	helpers	1.950	2.050	-	-	-	-
Sheet-metal workers	3.700	3.870	25 30¢	-	-	-	Elevator constructors'	-	-	-	-	-	-
Structural-iron workers	3.950	4.100	-	-	-	-	helpers	2.760	2.890	7½¢	10½¢	(4)	-
Tile layers	3.900	4.000	-	-	-	-	Plasterers' laborers	2.185	2.300	-	-	-	-
							Plumbers' laborers	1.950	2.050	-	-	-	-
<b>Helpers and laborers</b>						<b>MILWAUKEE, WIS.</b>							
Bricklayers' tenders	3.200	3.350	-	-	-	-	<b>Journeyman</b>						
Mortar mixers	3.350	3.500	-	-	-	-	Asbestos workers	4.180	4.330	10¢	15¢	15¢	-
Building laborers	3.200	3.350	-	-	-	-	Boilermakers	4.150	4.300	10¢	10¢	-	-
Elevator constructors'							Bricklayers	4.260	4.360	15¢	15¢	10¢	-
helpers	2.770	2.830	7½¢	10½¢	(4)	(4)	Carpenters	4.010	4.110	15¢	15¢	10¢	-
Plasterers' laborers	3.300	3.400	-	-	-	-	Piledrivers	4.040	4.140	15¢	15¢	10¢	-
Plumbers' laborers	3.200	3.350	-	-	-	-	Cement finishers	3.740	3.940	15¢	15¢	5 10¢	-
Terrazzo workers' helpers	3.250	3.400	-	-	-	-	Machine work	3.850	4.050	15¢	15¢	5 10¢	-
Base-machine operators	3.545	3.695	-	-	-	-	Mastic, marbelette and						
Tile layers' helpers	3.200	3.350	-	-	-	-	composition floors						
							and roofs	3.850	4.050	15¢	15¢	5 10¢	-
<b>MEMPHIS, TENN.</b>						<b>Electricians (inside</b>							
<b>Journeyman</b>						<b>wiremen)</b>							
Asbestos workers	3.975	4.125	12½¢	12½¢	-	-	Elevator constructors	4.020	4.170	12¢	1¢	16¢	-
Boilermakers	4.050	4.250	10¢	10¢	-	-	Engineers—Power equipment	3.990	4.130	7½¢	10½¢	(4)	-
Bricklayers	4.550	4.550	15¢	10¢	-	-	operators:						
Carpenters	3.700	3.900	-	-	-	-	Building construction:						
Cement finishers	3.375	3.575	-	-	-	-	Heavy equipment:						
Machine operators	3.625	3.825	-	-	-	-	Cranes, derricks,						
Electricians (inside							shovels	4.250	4.305	15¢	15¢	-	-
wiremen)	4.025	4.225	10¢	1¢	-	-	Medium equipment:						
Elevator constructors	3.940	4.130	7½¢	10½¢	(4)	(4)	Mixers	3.820	3.920	15¢	15¢	-	-
Engineers—Power equipment							Mixers when pavers						
operators:							are used, hi-lifts	4.040	4.140	15¢	15¢	-	-
Air compressors							Tractors or						
(portable)	2.875	2.875	-	-	-	-	bulldozers:						
Bulldozers	3.475	3.650	-	-	-	-	Under 40						
Cranes, derricks (with							horsepower	3.820	3.920	15¢	15¢	-	-
boom), piledrivers	3.725	3.900	-	-	-	-	Over 40						
Graders (motor)	3.475	3.650	-	-	-	-	horsepower	4.040	4.140	15¢	15¢	-	-
Hoists:							Light equipment:						
1 drum	3.200	3.200	-	-	-	-	Firemen (piledriver)	3.710	3.810	15¢	15¢	-	-
2 drums	3.475	3.550	-	-	-	-	Pumps	3.545	3.645	15¢	15¢	-	-
Locomotives	3.475	3.650	-	-	-	-	Air compressors	3.600	3.700	15¢	15¢	-	-
Mixers:							Heavy construction:						
115 or smaller	2.875	2.875	-	-	-	-	Heavy equipment:						
Larger than 115	3.475	3.650	-	-	-	-	Cranes, derricks,						
Pumps (4-inch discharge							shovels	4.205	4.305	15¢	15¢	-	-
and larger, on							Medium equipment:						
excavation)	2.875	2.875	-	-	-	-	Tractors or						
Rollers, sheepfoot	3.350	3.500	-	-	-	-	bulldozers:						
Scrapers	3.475	3.650	-	-	-	-	Under 40						
Shovels	3.725	3.900	-	-	-	-	horsepower	3.820	3.920	15¢	15¢	-	-
Tractor trucks (Lynn							Over 40						
and Euclid)	2.875	2.875	-	-	-	-	horsepower	4.040	4.140	15¢	15¢	-	-
Tractors:							Mixers	3.820	3.920	15¢	15¢	-	-
40 horsepower or							Mixers, when						
less	3.100	3.100	-	-	-	-	pavers are used	4.040	4.140	15¢	15¢	-	-
Over 40 horsepower	3.200	3.200	-	-	-	-	Scrapers	4.040	4.140	15¢	15¢	-	-
Trench machines:							Light equipment:						
Under 18 inches	3.475	3.650	-	-	-	-	Air compressors	3.600	3.700	15¢	15¢	-	-
Under 18 inches	3.725	3.900	-	-	-	-	Pumps and oilers	3.545	3.645	15¢	15¢	-	-
Glaziers	3.300	3.450	-	-	-	-	Glaziers	3.820	3.920	15¢	15¢	-	-
Lathers	3.750	3.750	10¢	-	-	-	Lathers	4.020	4.120	15¢	15¢	10¢	-
Marble setters	3.625	3.725	15¢	-	-	-	Machinists	4.200	4.300	-	-	-	-
Mosaic and terrazzo							Marble setters	4.120	4.220	15¢	15¢	10¢	(26)
workers	3.625	3.725	15¢	-	-	-	Mosaic and terrazzo						
Painters	3.600	3.700	-	-	-	-	workers	4.170	4.270	15¢	15¢	(27)	-
Spray, structural steel	3.850	3.950	-	-	-	-	Painters	3.760	3.860	15¢	15¢	10¢	-
Roller	3.800	3.900	-	-	-	-	Swing stage to 80 feet	3.910	4.010	15¢	15¢	10¢	-
Paperhangers	3.775	3.875	-	-	-	-	Swing stage 80 feet or over	4.010	4.110	15¢	15¢	10¢	-
Pipefitters	4.170	4.320	5¢	-	-	-	Spray, structural steel	4.010	4.110	15¢	15¢	10¢	-
Plasterers	3.850	4.000	-	-	-	-	Pipefitters	4.120	4.270	10¢	15¢	15¢	10¢
Plumbers	4.170	4.320	5¢	-	-	-	Sprinkler fitters	4.100	4.420	11¢	10¢	-	-
Rodmen	3.625	3.900	10¢	-	-	-	Plasterers	3.990	4.120	15¢	15¢	10¢	-
Roofers, composition	3.050	3.200	-	-	-	-	Plumbers	4.120	4.270	10¢	15¢	15¢	-
Roofers, slate and tile	3.375	3.525	-	-	-	-	Rodmen	4.110	4.210	15¢	15¢	10¢	-
Sheet-metal workers	3.750	4.000	10¢	-	-	-	Roofers, composition	3.820	3.920	15¢	15¢	10¢	-
Stonemasons	4.550	4.550	15¢	10¢	-	-	Roofers, slate and tile	3.970	4.320	15¢	15¢	10¢	-
Structural and ornamental-							Sheet-metal workers	4.010	4.160	10¢	15¢	15¢	-
iron workers	3.725	3.925	10¢	-	-	-	Stonemasons	4.260	4.360	15¢	15¢	10¢	-
Sheeters	3.975	4.175	10¢	-	-	-	Structural-iron workers	4.110	4.210	15¢	15¢	-	-
Tile layers	3.625	3.725	15¢	-	-	-	Tile layers	4.010	4.110	15¢	15¢	10¢	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964					Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour		Rate per hour	Employer contribution to fund <sup>1</sup>				
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>		
MILWAUKEE, WIS.—Continued						MINNEAPOLIS—ST. PAUL, MINN.—Continued							
<u>Helpers and laborers</u>						<u>Journeymen—Continued</u>							
Bricklayers' tenders.....	\$3.230	\$3.330	15¢	15¢	10¢	Painters:							
Hod carriers and mortar mixers.....	3.340	3.440	15¢	15¢	10¢	Brush:							
Building laborers.....	3.230	3.330	15¢	15¢	10¢	Minneapolis.....	\$3.700	\$3.950	15¢	-	-	-	-
Composition roofers' helpers.....	2.850	2.950	15¢	15¢	10¢	St. Paul.....	3.550	3.700	15¢	-	-	15¢	-
Elevator constructors' helpers.....	2.790	2.890	7½¢	10½¢	(4)	Structural steel; spray, swing:							
Marble setters' helpers.....	3.210	3.290	15¢	15¢	10¢	Minneapolis.....	3.950	4.200	15¢	-	-	-	-
Plasterers' laborers.....	3.440	3.540	15¢	15¢	10¢	St. Paul.....	3.800	3.950	15¢	-	-	15¢	-
Plumbers' laborers:						Paperhangers:							
Second man.....	3.430	3.530	15¢	15¢	10¢	Minneapolis.....	3.700	3.950	15¢	-	-	-	-
First man (drain layer).....	3.540	3.640	15¢	15¢	10¢	St. Paul.....	3.550	3.700	15¢	-	-	15¢	-
Terrazzo workers' helpers.....	3.450	3.550	15¢	15¢	(27)	Pipefitters:							
Base-machine operators.....	3.620	3.720	15¢	15¢	(27)	Minneapolis.....	4.010	4.190	13¢	10¢	20¢	-	-
Tile layers' helpers.....	3.250	3.330	15¢	15¢	10¢	St. Paul.....	3.900	4.100	13¢	10¢	-	-	-
						Sprinkler fitters.....	4.310	4.415	11¢	10¢	-	-	-
						Plasterers:							
						Minneapolis.....	3.850	4.000	15¢	-	-	30¢	-
						St. Paul.....	3.850	3.950	20¢	-	-	25¢	-
						Plumbers:							
						Minneapolis.....	4.010	4.190	13¢	10¢	20¢	-	-
						St. Paul.....	3.900	4.100	13¢	10¢	-	-	-
						Rodmen.....	4.000	4.250	15¢	-	-	-	-
						Roofers, composition.....	3.930	4.030	-	-	-	15¢	-
						Roofers, slate and tile.....	3.930	4.030	-	-	-	15¢	-
						Sheet-metal workers.....	3.940	4.110	10¢	10¢	30¢	-	-
						Stonemasons.....	4.225	4.225	15¢	-	-	25¢	-
						Structural-iron workers.....	4.000	4.250	15¢	-	-	-	-
						Tile layers.....	3.790	3.980	12¢	-	-	15¢	-
MINNEAPOLIS—ST. PAUL, MINN.													
(Scales are the same for both cities unless otherwise indicated)													
<u>Journeymen</u>						<u>Helpers and laborers</u>							
Asbestos workers.....	4.020	4.120	20¢	-	20¢	Bricklayers' tenders.....	3.300	3.550	-	-	-	-	-
Boilermakers.....	4.150	4.300	10¢	-	-	Mortar mixers.....	3.350	3.600	-	-	-	-	-
Bricklayers.....	4.225	4.225	15¢	-	25¢	Building laborers.....	3.200	3.450	-	-	-	-	-
Carpenters.....	3.880	3.880	15¢	10¢	15¢	Elevator constructors' helpers:							
Millwrights.....	3.880	3.880	15¢	10¢	15¢	First 6 months.....	2.030	2.180	7½¢	10½¢	(4)	-	-
Cement finishers.....	3.900	4.150	15¢	-	-	After 6 months.....	2.840	3.035	7½¢	10½¢	(4)	-	-
Composition floor.....	4.150	4.400	15¢	-	-	Marble setters' helpers.....	2.990	3.160	12¢	-	-	13¢	-
Electricians (inside wiremen):						Plasterers' laborers:							
Minneapolis.....	4.100	4.250	4%	3%	20 7½%	Minneapolis.....	29 3.420	29 3.570	15¢	-	-	20¢	-
St. Paul.....	4.100	4.240	3.829%	3.290%	4.637%	St. Paul.....	3.270	3.320	20¢	-	-	30¢	-
Elevator constructors.....	4.060	4.365	7½¢	10½¢	(4)	Plumbers' laborers:							
Engineers—Power equipment operators:						Minneapolis:							
Building construction:						Second man.....	3.400	3.650	-	-	-	-	-
Heavy equipment:						First man.....	3.600	3.850	-	-	-	-	-
Cranes, shovels, derricks.....	4.150	4.400	-	-	-	Terrazzo workers' helpers:							
Pumpcretes.....	4.030	4.280	-	-	-	1 year of seniority.....	3.270	3.390	13¢	-	-	8¢	-
Medium equipment:						2 years of seniority.....	3.660	3.690	13¢	-	-	15¢	-
Hoists.....	3.950	4.200	-	-	-	Base-machine operators:							
Mixers, concrete over 16S.....	3.950	4.200	-	-	-	1 year of seniority.....	3.590	3.690	13¢	-	-	10¢	-
Mixers, concrete 16S and under.....	3.680	3.930	-	-	-	2 years of seniority.....	3.660	3.690	13¢	-	-	17¢	-
Welders, mechanics.....	4.030	4.280	-	-	-	Tile layers' helpers.....	2.990	3.160	12¢	-	-	13¢	-
Light equipment:													
Compressors.....	3.570	3.700	-	-	-								
Firemen, temporary heat.....	3.570	3.700	-	-	-								
Oilers.....	3.290	3.450	-	-	-								
Heavy construction:													
Heavy equipment:													
Derricks, dredges, shovels, cranes.....	4.070	4.300	-	-	-								
Medium equipment:													
Bulldozers, scrapers.....	3.850	4.080	-	-	-								
Graders, motor pavers (finishing).....	3.950	4.180	-	-	-								
Welders, mechanics.....	3.850	4.080	-	-	-								
Light equipment:													
Loaders, Barber Greene.....	3.580	3.780	-	-	-								
Pumps, compressors.....	3.470	3.670	-	-	-								
Glaziers.....	3.600	3.750	5¢	-	13¢								
Lathers:													
Minneapolis.....	3.750	3.900	15¢	-	30¢								
St. Paul.....	3.600	3.700	15¢	-	30¢								
Machinists.....	4.150	4.300	-	-	(26)								
Marble setters.....	3.900	4.090	-	-	(28)								
Mosaic and terrazzo workers.....	3.800	4.000	8¢	-	50¢								

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Insurance <sup>2</sup>	Pension	Vacation pay <sup>1</sup>		Rate per hour	Rate per hour	Insurance <sup>2</sup>	Pension	Vacation pay <sup>1</sup>
<b>NEWARK, N. J.—Continued</b>						<b>NEW HAVEN, CONN.—Continued</b>					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
<b>Engineers—Power equipment operators—Continued</b>						<b>Engineers—Power equipment operators—Continued</b>					
<b>Building construction—Continued</b>						<b>Building construction—Continued</b>					
<b>Light equipment:</b>						<b>Light equipment:</b>					
Air compressors (single).....	\$4.800	\$4.950	10¢	20¢	-	Well-point system, welding machines.....	\$3.880	\$3.980	15¢	10¢	-
Pumps and small mixers.....	4.800	4.950	10¢	20¢	-	Small concrete mixers:					
Concrete pumps.....	4.800	4.950	10¢	20¢	-	Under 5 bags.....	3.700	3.800	15¢	10¢	-
<b>Heavy construction:</b>						5 bags and over.....	3.900	4.000	15¢	10¢	-
<b>Heavy equipment:</b>						<b>Heavy construction:</b>					
Power shovels, cranes, draglines.....	5.950	6.200	10¢	20¢	-	<b>Heavy equipment:</b>					
Piledriving machines.....	5.950	6.200	10¢	20¢	-	Shovels, piledrivers, draglines.....	4.400	4.500	15¢	10¢	-
Backhoes, concrete pavers.....	5.950	6.200	10¢	20¢	-	<b>Medium equipment:</b>					
<b>Medium equipment:</b>						Pumpcretes, Euclid loaders, Joy drill operators.....	4.150	4.250	15¢	10¢	-
Caisson and shaft hoists.....	5.150	5.350	10¢	20¢	-	<b>Light equipment:</b>					
Excavating carryalls.....	5.350	5.550	10¢	20¢	-	Well-point system.....	3.880	3.980	15¢	10¢	-
<b>Light equipment:</b>						Power chippers.....	3.600	3.700	15¢	10¢	-
Small mixers, pumps, and conveyors.....	4.800	4.950	10¢	20¢	-	Pump operators.....	3.520	3.620	15¢	10¢	-
Front end loaders.....	4.800	4.950	10¢	20¢	-	Lathers.....	4.400	4.600	10¢	-	-
Concrete pumps.....	4.800	4.950	10¢	20¢	-	Marble setters.....	4.350	4.500	10¢	15¢	-
Glaziers.....	4.850	4.950	20¢	25¢	-	Mosaic and terrazzo workers.....	4.350	4.500	10¢	15¢	-
Lathers.....	4.700	5.050	20¢	10¢	-	Painters.....	3.850	4.000	10¢	15¢	-
Machinists.....	4.850	5.300	15¢	10¢	-	Structural steel, bridge.....	4.100	4.250	10¢	15¢	-
Mosaic and terrazzo workers.....	5.250	5.450	3%	5%	-	Paperhangers.....	4.100	4.250	10¢	15¢	-
Painters.....	4.350	4.500	25¢	20¢	-	Pipefitters.....	4.300	4.400	10¢	20¢	-
Structural steel.....	4.950	5.100	25¢	20¢	-	Plasterers.....	4.350	4.500	10¢	15¢	-
Pipefitters.....	4.850	5.000	3%	4%	7%	Plumbers.....	4.300	4.400	10¢	20¢	-
Sprinkler fitters.....	4.950	5.150	7½¢	10¢	-	Rodmen.....	4.800	5.000	10¢	15¢	-
Plasterers.....	5.150	5.350	20¢	15¢	-	Roofers, composition.....	4.500	4.700	10¢	-	-
Plumbers.....	4.850	5.000	3%	3%	7%	Roofers, slate and tile.....	4.750	4.950	10¢	-	-
Rodmen.....	5.600	5.850	5%	7%	-	Precast slabbers.....	5.000	5.200	10¢	-	-
Roofers, composition.....	5.050	5.250	20¢	20¢	-	Sheet-metal workers.....	4.200	4.300	10¢	16¢	15¢
Roofers, slate and tile.....	4.900	5.050	15¢	15¢	-	Stonemasons.....	4.350	4.500	10¢	15¢	-
Sheet-metal workers.....	4.950	5.150	3%	3%	3%	Structural-iron workers.....	4.800	5.000	10¢	15¢	-
Stonemasons.....	5.150	5.350	20¢	15¢	-	Tile layers.....	4.350	4.500	10¢	15¢	-
Structural-iron workers.....	5.600	5.850	5%	7%	-						
Tile layers.....	4.675	4.775	3%	4%	173%	<b>Helpers and laborers</b>					
<b>Helpers and laborers</b>						<b>Helpers and laborers</b>					
Bricklayers' tenders.....	4.000	4.200	-	-	-	Bricklayers' tenders.....	3.300	3.450	10¢	10¢	-
Building laborers.....	4.000	4.200	-	-	-	Building laborers.....	3.300	3.450	10¢	10¢	-
Composition roofers' helpers:						Elevator constructors' helpers.....	3.070	3.180	7½¢	10½¢	(4)
First 3 months.....	3.560	3.760	20¢	20¢	-	Marble setters' helpers.....	3.450	3.700	10¢	-	-
4-6 months.....	4.060	4.260	20¢	20¢	-	Plasterers' laborers.....	3.300	3.450	10¢	10¢	-
After 6 months.....	4.440	4.640	20¢	20¢	-	Terrazzo workers' helpers.....	3.450	3.700	10¢	-	-
Elevator constructors' helpers.....	4.280	4.350	7½¢	10½¢	(4)	Tile layers' helpers.....	3.450	3.700	10¢	-	-
Plasterers' laborers.....	4.000	4.200	-	-	-						
Terrazzo workers' helpers.....	4.280	4.480	3%	5%	-	<b>NEW ORLEANS, LA.</b>					
Tile layers' helpers.....	3.800	4.000	5%	5%	-	<b>Journeyman</b>					
<b>NEW HAVEN, CONN.</b>						<b>Asbestos workers.....</b>					
<b>Journeyman</b>						<b>Boilermakers.....</b>					
Asbestos workers.....	4.400	4.550	10¢	15¢	-	Bricklayers.....	4.000	4.050	7½¢	15¢	-
Bricklayers.....	4.350	4.500	10¢	15¢	-	Carpenters.....	3.620	3.700	-	-	-
Carpenters.....	4.050	4.200	10¢	15¢	-	Millwrights.....	3.905	3.985	-	-	-
Cement finishers.....	4.350	4.500	10¢	15¢	-	Piledrivers.....	3.620	3.700	-	-	-
Electricians (inside wiremen).....	4.250	4.400	10¢	15¢	-	Cement finishers.....	3.450	3.550	-	-	-
Elevator constructors.....	4.380	4.540	7½¢	10½¢	(4)	Electricians (inside wiremen).....	4.050	4.250	10¢	1%	515¢
<b>Engineers—Power equipment operators:</b>						Elevator constructors.....	3.890	3.960	7½¢	10½¢	(4)
<b>Building construction:</b>						<b>Engineers—Power equipment operators:</b>					
<b>Heavy equipment:</b>						<b>Building and heavy construction:</b>					
Cranes, steel.....	4.500	4.600	15¢	10¢	-	<b>Heavy equipment:</b>					
Shovels.....	4.500	4.600	15¢	10¢	-	Bulldozers (D6 and larger), cranes, derricks, draglines, hoists (2 drums), mixers (over 16S), pile-drivers, scrapers, shovels, trench machines.....	3.675	3.825	10¢	-	-
Derricks.....	4.500	4.600	15¢	10¢	-						
<b>Medium equipment:</b>											
Pitman machine.....	3.900	4.000	15¢	10¢	-						
Compressors.....	3.880	3.980	15¢	10¢	-						
Bulldozers.....	3.950	4.050	15¢	10¢	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
<b>NEW ORLEANS, LA.—Continued</b>					<b>NEW YORK, N. Y.—Continued</b>						
<b>Journeyman—Continued</b>					<b>Journeyman—Continued</b>						
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Building and heavy construction—Continued						Building construction—Continued					
Light equipment:						Medium equipment—Continued					
Air compressors, bulldozers (smaller than 26), finishing machines, mixers (16S and smaller)	\$2.925	\$3.075	10¢	-	-	Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	\$4.775	\$5.025	4%	6%	-
Glaziers	3.325	3.400	7½¢	-	-	Heavy construction:					
Lathers	3.560	3.695	8¢	10¢	-	Heavy equipment:					
Machinists	3.860	3.960	-	-	(30)	Shovels	5.550	5.900	4%	6%	-
Marble setters	4.000	4.050	7½¢	15¢	-	Piledrivers	5.425	5.775	4%	6%	-
Mosaic and terrazzo workers	3.450	3.550	-	-	-	Cranes (digging bucket)	5.400	5.650	4%	6%	-
Painters:						Scrapers, tounapulls, motor patrol	4.900	5.150	4%	6%	-
Commercial	3.175	3.275	-	-	-	Medium equipment:					
Residential	3.125	3.225	-	-	-	Cranes (structural steel)	5.750	6.050	4%	6%	-
Spray, structural steel, swing stage	3.425	3.525	-	-	-	Mixers (concrete) and powerhouses	5.275	5.525	4%	6%	-
Paperhangers	3.175	3.275	-	-	-	Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	4.775	5.025	4%	6%	-
Pipefitters	4.050	4.175	10¢	7½¢	5¢	Light equipment:					
Plasterers	3.585	3.695	10¢	10¢	-	Compressors (portable, 3 or more in battery), double-drum hoists, pumps (concrete)	5.150	5.400	4%	6%	-
Plumbers	4.050	4.175	10¢	10½¢	5¢	Glaziers	5.150	5.400	4%	6%	-
Rodmen	3.670	3.720	10¢	10¢	-	Lathers:	5.550	5.900	6%	6%	20¢
Roofers, composition	3.550	3.625	7½¢	15¢	-	Metal	5.250	5.500	5%	5%	-
Roofers, slate and tile	3.550	3.625	7½¢	15¢	-	Wood:					
Sheet-metal workers	3.635	3.740	7½¢	12½¢	7½¢	Bronx, Manhattan, and Richmond	5.000	5.000	10%	10¢	-
Stonemasons	4.000	4.050	7½¢	15¢	-	Brooklyn	5.050	5.200	7%	5%	30¢
Structural-iron workers	3.900	3.950	10¢	10¢	-	Queens	5.250	5.500	12%	10¢	-
Tile layers	3.450	3.550	-	-	-	Machinists	5.350	5.450	5%	-	-
<b>Helpers and laborers</b>					<b>Mosaic and terrazzo workers</b>						
Bricklayers' tenders	2.180	2.400	-	-	-	Painters	5.250	5.400	3%	5%	-
Mortar mixers	2.280	2.500	-	-	-	Swing stage	5.150	5.150	5½%	3½%	3%
Building laborers	2.100	2.280	-	-	-	Decorators and grainers	5.000	5.000	6%	3%	3%
Composition roofers' helpers	2.155	2.305	7½¢	15¢	-	Structural steel	5.000	5.350	5%	5%	-
Elevator constructors' helpers	2.720	2.770	7½¢	10½¢	(4)	Pipefitters	5.000	5.090	6%	6%	6%
Marble setters' helpers	2.150	2.200	-	-	-	Plasterers:					
Polishers	2.550	2.650	-	-	-	Jamaica	35.550	35.550	65¢	-	-
Plasterers' laborers	2.325	2.405	-	-	-	Bronx, Manhattan, and Richmond	324.900	325.550	45¢	65¢	20¢
Mortar mixers (machine)	2.425	2.505	-	-	-	Queens	325.250	325.550	25¢	65¢	20¢
Terrazzo workers' helpers	2.150	2.200	-	-	-	Flushing	325.250	325.550	48¢	42¢	20¢
Base-machine operators	2.550	2.650	-	-	-	Brooklyn	325.550	325.550	25¢	-	40¢
Floor-machine operators	2.300	2.350	-	-	-	Plumbers	5.850	5.950	3%	4½%	8%
Tile layers' helpers	2.150	2.200	-	-	-	Richmond	5.150	5.150	4%	3%	5¼%
<b>NEW YORK, N. Y.</b>					<b>Brooklyn and Queens</b>						
<b>Journeyman</b>					<b>Rodmen</b>						
Asbestos workers	5.250	5.250	4%	45¢	-	Roofers, composition	5.250	5.500	5%	5%	-
Boilermakers	5.350	5.600	5%	5%	5%	Roofers, slate and tile	5.800	5.320	8%	-	5%
Bricklayers	5.350	5.500	5%	75¢	30¢	Brooklyn, Queens, and Long Island	5.000	5.470	8%	-	5%
Carpenters	5.150	5.400	5%	5%	-	Sheet-metal workers	5.250	5.250	3%	3%	2%
Wharf and bridge	5.150	5.400	5%	5%	-	Stonemasons	5.200	5.560	4%	-	-
Cement finishers	5.250	5.350	5%	5%	15¢	New York and Long Island (stone setters)	5.560	5.660	5%	4%+15¢	15¢
Electricians (inside wiremen)	314.960	315.200	4%	2%	4%	Structural-iron workers	5.450	5.800	5%	4%	6%
Elevator constructors	5.700	5.800	7½¢	10½¢	(4)	Erectors	5.400	5.800	5%	4%	6%
Engineers—Power equipment operators:						Finishers	5.000	5.100	5%	6%	5%
Building construction:						Tile layers	4.675	4.775	3%	4%	3%
Heavy equipment:						<b>Helpers and laborers</b>					
Steel erection (cranes, derricks)	5.650	6.050	4%	6%	-	Bricklayers' tenders	5.400	5.650	5%	5%	-
Concrete buckets (stone derricks)	5.550	5.900	4%	6%	-	Building laborers	4.400	4.650	5%	5%	-
Hoists	5.300	5.650	4%	6%	-	Excavating laborers	4.050	4.300	5%	5%	-
Scrapers, tounapulls, motor patrol	4.900	5.150	4%	6%	-	Elevator constructors' helpers	5.280	5.350	7½¢	10½¢	(4)
Medium equipment:											
Welding machines, compressors	5.050	5.400	4%	6%	-						
Plaster (platform machines)	5.300	5.650	4%	6%	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
NEW YORK, N. Y.—Continued						OAKLAND, CALIF.					
<u>Helpers and laborers—</u> Continued						(Scales listed under San Francisco—Oakland, Calif.)					
Marble setters' helpers	\$4.285	\$4.485	5½%	5½%	-	OKLAHOMA CITY, OKLA.					
Plasterers' laborers	32 4.350	32 5.000	35¢	15¢	-	Journeyman					
Brooklyn	32 5.050	32 5.050	25¢	50¢	40¢	Asbestos workers	\$4.200	\$4.300	10¢	10¢	-
Queens	32 4.950	32 5.450	25¢	-	50¢	Bricklayers	4.250	4.250	-	15¢	-
Plumbers' laborers	4.050	4.300	5%	-	-	Carpenters	3.600	3.700	-	-	-
Brooklyn	4.050	4.300	10%	-	-	Millwrights, piledrivers	3.775	3.875	-	-	-
Terrazzo workers'	9.4280	9.4.480	3%	5%	-	Cement finishers	3.700	3.800	-	-	-
helpers	3.900	4.100	6%	4%	-	Electricians (inside wiremen)	4.100	4.250	-	-	-
Tile layers' helpers	3.900	4.100	-	-	-	Elevator constructors	4.040	4.100	7½¢	10½¢	(*)
NORFOLK, VA.						Engineers—Power equipment operators:					
<u>Journeyman</u>						Air compressors:					
Asbestos workers	3.745	3.745	10¢	10¢	-	500 cubic feet or under (1 or 2)	3.025	3.100	-	-	-
Boilermakers	4.150	4.300	10¢	10¢	-	Over 500 cubic feet	3.500	3.600	-	-	-
Bricklayers	3.950	4.050	-	-	-	Bulldozers	3.750	3.850	-	-	-
Carpenters	3.150	3.250	-	-	-	Derricks, draglines	3.850	4.000	-	-	-
Millwrights	3.850	3.950	-	-	-	Hoists:					
Piledrivers	3.050	3.150	-	-	-	1 drum	3.500	3.600	-	-	-
Cement finishers	2.950	3.050	-	-	-	2 drums or more	3.600	3.850	-	-	-
Machinemen	3.050	3.150	-	-	-	Mixers, rollers	3.500	3.600	-	-	-
Electricians (inside wiremen)	3.900	4.000	-	1%	-	Piledrivers	3.850	4.000	-	-	-
Elevator constructors	3.665	3.800	7½¢	10½¢	(*)	Pumps (4 inches or larger)	3.025	3.100	-	-	-
Engineers—Power equipment operators:						Scrapers					
Building construction:						Shovels					
Air compressors, larger than 125 cubic feet	2.600	2.700	-	-	-	Trench machines	3.500	3.850	-	-	-
Bulldozers	3.020	3.120	-	-	-	Glaziers	3.300	3.400	-	-	-
Cranes, derricks, piledrivers	3.625	3.775	-	-	-	Lathers	4.000	4.125	-	-	-
Hoists:						Marble setters					
1 drum	2.600	2.700	-	-	-	Mosaic and terrazzo workers	3.850	3.900	-	-	-
2 drums or more	3.625	3.775	-	-	-	Painters	3.850	3.850	-	-	-
Motor graders	3.220	3.320	-	-	-	Up to 30 feet:					
Mixers:						Spray					
16S or smaller	2.360	2.460	-	-	-	Above 30 feet:					
Larger than 16S	3.020	3.120	-	-	-	Steel and swing stage	4.000	4.125	-	-	-
Pumps:						Spray					
2 inches and under	2.270	2.370	-	-	-	Pipefitters	4.170	4.270	-	-	-
Over 2 inches	2.600	2.700	-	-	-	Plasterers	4.125	4.125	-	-	-
Rollers, earth	2.370	2.470	-	-	-	Plumbers	4.170	4.270	-	-	-
Trenching machines	3.020	3.120	-	-	-	Rodmen	3.875	4.000	-	-	-
Glaziers	3.020	3.070	3¼¢	-	-	Roofers, composition	3.450	3.550	-	-	-
Lathers:						Roofers, slate and tile					
Nail on	2.750	3.000	-	10¢	-	Sheet-metal workers	3.450	3.550	-	-	-
Metal	3.800	3.800	-	10¢	-	Stonemasons	3.950	3.950	5¢	-	15¢
Marble setters	3.400	3.500	-	-	-	Stonemasons— iron workers	4.250	4.250	-	15¢	-
Mosaic and terrazzo workers	3.400	3.500	-	-	-	Structural-iron workers	3.875	4.000	-	-	-
Painters	3.060	3.200	-	-	-	Tile layers	4.000	4.000	-	-	-
Structural steel	3.560	3.700	-	-	-	<u>Helpers and laborers</u>					
Spray, swing stage, hand rollers	3.310	3.450	-	-	-	Bricklayers' tenders	2.750	2.800	-	-	-
Paperhangers	3.310	3.450	-	-	-	Building laborers	2.600	2.650	-	-	-
Pipefitters	3.750	3.850	-	-	-	Elevator constructors'					
Plasterers	3.800	3.950	-	-	-	helpers	2.830	2.870	7½¢	10½¢	(*)
Plumbers	3.750	3.850	-	-	-	Plasterers' laborers	2.750	2.800	-	-	-
Rodmen	3.450	3.575	-	-	-	Plumbers' laborers	2.600	2.650	-	-	-
Roofers, composition	2.000	2.050	-	-	-	OMAHA, NEBR.					
Roofers, slate and tile	2.750	2.800	-	-	-	<u>Journeyman</u>					
Sheet-metal workers	3.700	3.700	-	-	-	Asbestos workers	4.050	4.200	20¢	-	4½%
Stonemasons	3.950	4.050	-	-	-	Bricklayers	4.275	4.325	7½¢	-	-
Structural- and ornamental- iron workers	3.700	3.825	-	-	-	Carpenters	3.900	4.000	7½¢	-	-
Tile layers	3.400	3.500	-	-	-	Millwrights	4.125	4.250	7½¢	-	-
<u>Helpers and laborers</u>						Residential					
Bricklayers' tenders	1.830	1.900	-	-	-	Cement finishers	3.900	4.000	7½¢	-	-
Hod carriers and mortar mixers	1.980	2.050	-	-	-	Swing stage	4.150	4.250	7½¢	-	-
Building laborers	1.730	1.800	-	-	-	Electricians (inside wiremen)	4.250	4.450	12¢	1%	-
Composition roofers' helpers	1.500	1.550	-	-	-	Elevator constructors	4.050	4.170	7½¢	10½¢	(*)
Elevator constructors' helpers	2.560	2.660	7½¢	10½¢	(*)						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
OMAHA, NEBR.—Continued					PEORIA, ILL.—Continued						
<u>Journeyman</u> —Continued					<u>Journeyman</u> —Continued						
Engineers—Power equipment operators:					Engineers—Power equipment operators—Continued						
Building construction:					Heavy construction:						
Heavy equipment:					Heavy equipment:						
Cranes, derricks, shovels, 2-drum hoists.....					Cranes, scoops, bulldozers.....						
\$3.925 \$4.050 7½¢ - -					\$4.250 \$4.375 10¢ - -						
Medium equipment:					Medium equipment:						
Air compressors 1-drum hoists, pumps (concrete).....					Motor patrols, paving mixers, piledrivers.....						
3,375 3,500 7½¢ - -					4,250 4,375 10¢ - -						
3,575 3,700 7½¢ - -					Light equipment:						
Light equipment:					Air compressors, pumps, and mixers, 3 bags and under.....						
Forklifts, Hysters (lumber carrier) and trax-dozers.....					3,480 3,605 10¢ - -						
3,575 3,700 7½¢ - -					3,480 3,605 10¢ - -						
Heavy construction:					Glaziers.....						
Heavy equipment:					4,075 4,225 - - -						
Draglines, shovels.....					4,325 4,475 - - -						
3,925 4,050 7½¢ - -					4,325 4,475 - - -						
3,575 3,700 7½¢ - -					4,275 4,400 15¢ - -						
Medium equipment:					Lathers.....						
Bulldozers, patrols, tractors.....					4,320 4,420 - - -						
3,575 3,700 7½¢ - -					4,320 4,420 - - -						
Light equipment:					Marble setters.....						
Blade and motor graders.....					4,500 4,625 12½¢ - -						
3,575 3,700 7½¢ - -					4,400 4,525 12½¢ - -						
3,375 3,500 7½¢ - -					3,950 4,075 - - -						
3,600 3,750 7½¢ - -					Swing stage, spray, structural steel.....						
4,050 4,150 7½¢ - -					4,250 4,375 - - -						
4,200 4,400 - - - (33)					Paperhangers.....						
3,850 3,950 10¢ - -					4,210 4,310 12½¢ 5¢ - -						
Mosaic and terrazzo workers.....					4,050 4,150 7½¢ - -						
3,850 3,950 10¢ - -					4,210 4,310 12½¢ 5¢ - -						
3,575 3,700 - - -					4,000 4,125 7½¢ - -						
3,825 3,950 - - -					3,100 3,250 - - -						
3,925 4,050 - - -					3,350 3,500 - - -						
3,825 3,950 - - -					3,800 4,000 10¢ - - (34)						
4,210 4,310 12½¢ 5¢ - -					4,275 4,325 7½¢ - -						
4,050 4,150 7½¢ - -					4,000 4,125 7½¢ - -						
4,210 4,310 12½¢ 5¢ - -					4,000 4,125 7½¢ - -						
4,000 4,125 7½¢ - -					3,850 3,950 10¢ - -						
3,850 3,950 10¢ - -					3,850 3,950 10¢ - -						
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders.....					Bricklayers' tenders.....						
2,825 2,875 7½¢ - -					3,600 3,725 - - -						
Hod carriers.....					Building laborers.....						
3,100 3,150 7½¢ - -					3,600 3,725 - - -						
Mortar mixers.....					Elevator constructors' helpers.....						
2,950 3,000 7½¢ - -					2,835 2,920 7½¢ 10½¢ (*)						
2,825 2,875 7½¢ - -					Marble setters' helpers.....						
Building laborers.....					2,850 2,950 - - -						
Elevator constructors' helpers.....					Plasterers' laborers.....						
2,835 2,920 7½¢ 10½¢ (*)					3,100 3,150 7½¢ - -						
2,850 2,950 - - -					Terrazzo workers' helpers.....						
Marble setters' helpers.....					2,850 2,950 - - -						
2,850 2,950 7½¢ - -					Base-machine operators.....						
Plasterers' laborers.....					3,000 3,100 - - -						
3,100 3,150 7½¢ - -					2,850 2,950 - - -						
Terrazzo workers' helpers.....					Tile layers' helpers.....						
2,850 2,950 - - -					3,000 3,100 - - -						
Base-machine operators.....					3,000 3,100 - - -						
3,000 3,100 - - -					3,000 3,100 - - -						
2,850 2,950 - - -					3,000 3,100 - - -						
Tile layers' helpers.....					3,000 3,100 - - -						
2,850 2,950 - - -					3,000 3,100 - - -						
<u>PEORIA, ILL.</u>					<u>PHILADELPHIA, PA.</u>						
<u>Journeyman</u>					<u>Journeyman</u>						
Asbestos workers.....					Asbestos workers.....						
4,650 4,850 14¢ 10¢ - -					4,400 4,600 15¢ 15¢ - -						
Boilermakers.....					Boilermakers.....						
4,500 4,650 10¢ - -					5,050 5,250 10¢ 10¢ - -						
Bricklayers.....					Bricklayers.....						
4,550 4,675 12½¢ - -					4,650 4,900 17¢ 15¢ - -						
Carpenters.....					Residential.....						
4,285 4,410 - - -					4,400 4,550 22¢ 15¢ - -						
Cement finishers.....					Carpenters.....						
4,245 4,320 15¢ - -					4,200 4,350 18¢ 15¢ - -						
Electricians (inside wiremen).....					Millwrights.....						
4,500 4,625 - - 1% - -					4,450 4,600 18¢ 15¢ - -						
4,360 4,590 7½¢ 10½¢ (*)					4,250 4,450 18¢ 15¢ - -						
Elevator constructors.....					Cement finishers.....						
Engineers—Power equipment operators:					Residential or special.....						
Building construction:					Electricians (inside wiremen).....						
Heavy equipment:					Elevator constructors.....						
Cranes, derricks, bulldozers.....					Engineers—Power equipment operators:						
4,275 4,400 10¢ - -					Building construction:						
Medium equipment:					Heavy equipment:						
Air compressors (2).....					Cranes (handling steel or stone).....						
3,725 3,850 10¢ - -					4,990 5,140 15¢ 15¢ - -						
Mixers (27E and larger).....					Power shovels, derricks, cableways.....						
4,275 4,400 10¢ - -					4,850 5,000 15¢ 15¢ - -						
Light equipment:					Medium equipment:						
Pumps, and mixers, 3 bags and under.....					Tournapulls, carryalls.....						
3,505 3,630 10¢ - -					4,380 4,530 15¢ 15¢ - -						
					Bulldozers, tractors (D7 and over).....						
					4,380 4,530 15¢ 15¢ - -						
					Light equipment:						
					Welding machines.....						
					4,010 4,160 15¢ 15¢ - -						
					Compressors, pumps.....						
					4,010 4,160 15¢ 15¢ - -						

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1964					Trade or occupation	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension		Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension
<b>PITTSBURGH, PA.—Continued</b>						<b>PORTLAND, OREG.—Continued</b>					
<b>Journeyman—Continued</b>						<b>Journeyman—Continued</b>					
<b>Engineers—Power equipment operators:</b>						<b>Engineers—Power equipment operators—Continued</b>					
<b>Building construction:</b>						<b>Building and heavy construction—Continued</b>					
<b>Heavy equipment:</b>						<b>Heavy equipment—Continued</b>					
Shovels, cranes	\$ 5.000	\$ 5.100	10¢	-	-	Tractors:					
Carryall scoops	4.850	4.950	10¢	-	-	Under 50 horse-power	\$ 4.110	\$ 4.360	16¢	16¢	-
<b>Medium equipment:</b>						<b>Over 50 horse-power</b>					
Bulldozers, compressors, hoists	4.850	4.950	10¢	-	-	Medium equipment:	4.350	4.600	16¢	16¢	-
<b>Light equipment:</b>						<b>Blades, power:</b>					
Pumps, rollers, welders	4.575	4.675	10¢	-	-	Under 50 horse-power	4.230	4.480	16¢	16¢	-
<b>Heavy construction:</b>						<b>Over 50 horse-power</b>					
<b>Heavy equipment:</b>						<b>Blades, power:</b>					
Shovels, cranes, ditches	4.700	4.880	-	-	-	Over 50 horse-power	4.450	4.700	16¢	16¢	-
<b>Medium equipment:</b>						<b>Filedriers</b>					
Bulldozers, graders, carryall scoops	4.500	4.670	-	-	-	Light equipment:	4.450	4.700	16¢	16¢	-
<b>Light equipment:</b>						<b>Hoists:</b>					
Compressors, pumps, rollers	4.210	4.370	-	-	-	Single drum	4.110	4.360	16¢	16¢	-
Glaziers	4.080	4.150	10¢	20¢	-	2 active drums or more	4.450	4.700	16¢	16¢	-
Lathers	4.700	4.880	12½¢	10¢	-	<b>Concrete mixers:</b>					
Machinists	4.050	4.050	-	-	-	1- to 5-bag capacity	4.070	4.320	16¢	16¢	-
Marble setters	4.200	4.375	15¢	10¢	-	5-bag capacity and over	4.230	4.480	16¢	16¢	-
<b>Mosaic and terrazzo workers:</b>						<b>Derricks, live boom</b>					
Painters	4.625	4.850	15¢	20¢	-	Glaziers	4.530	4.780	16¢	16¢	-
Spray	4.250	4.450	17½¢	-	-	Lathers	3.925	4.005	10¢	10¢	4%
Structural steel	4.250	4.500	17½¢	-	-	Machinists	4.600	4.750	-	10¢	-
Paperhangers	4.000	4.250	17½¢	-	-	Marble setters	4.070	4.170	15¢	15¢	-
Pipefitters	4.550	4.650	15¢	10¢	31½¢	<b>Mosaic and terrazzo workers:</b>					
Sprinkler fitters	4.900	5.000	11¢	10¢	-	Painters	4.150	4.300	15¢	-	-
Plasterers	4.700	4.880	12½¢	10¢	-	Spray	3.750	3.850	15¢	10¢	-
Plumbers	4.635	4.735	15¢	10¢	23¢	Bridge	3.875	3.975	15¢	10¢	-
Rodmen	4.600	4.700	20¢	17½¢	-	Structural steel, swing stage	3.900	4.000	15¢	10¢	-
Roofers, composition	4.250	4.350	15¢	10¢	-	Paperhangers	3.875	3.975	15¢	10¢	-
Roofers, slate and tile	4.250	4.350	15¢	10¢	-	Pipefitters	4.260	4.390	15¢	15¢	5 14¢
Sheet-metal workers	4.400	4.880	12½¢	20¢	6%	Oil fitters	3.710	3.840	15¢	15¢	5 14¢
Stonemasons	364.950	365.150	15¢	10¢	-	<b>Plasterers:</b>					
<b>Structural- and ornamental-iron workers</b>						<b>Commercial</b>					
Tile layers	4.775	4.875	20¢	17½¢	-	Residential	4.000	4.150	15¢	10¢	-
<b>Helpers and laborers</b>						<b>Plumbers</b>					
Bricklayers' tenders	3.425	3.600	10¢	10¢	-	Rodmen	3.870	4.030	15¢	10¢	-
Building laborers	3.175	3.350	10¢	10¢	-	Roofers, composition	4.260	4.390	15¢	15¢	5 14¢
Elevator constructors' helpers	3.280	3.400	7½¢	10½¢	(*)	Roofers, slate and tile	4.170	4.320	10¢	10¢	-
Marble setters' helpers	3.300	3.375	15¢	10¢	-	Sheet-metal workers	3.860	3.960	10¢	15¢	-
Plasterers' laborers	3.425	3.600	10¢	10¢	-	Stonemasons	4.140	4.300	12¢	10¢	22 4%
Plumbers' laborers	3.150	3.350	10¢	10¢	-	<b>Structural- and ornamental-iron workers</b>					
Terrazzo workers' helpers	3.605	3.780	15¢	10¢	-	Tile layers	4.270	4.370	15¢	15¢	-
<b>PORTLAND, OREG.</b>						<b>PROVIDENCE, R. I.</b>					
<b>Journeyman</b>						<b>Journeyman</b>					
Asbestos workers	4.530	4.580	20¢	20¢	-	Bricklayers' tenders	3.500	3.600	15¢	15¢	-
Boilermakers	4.750	4.750	10¢	10¢	10¢	Building laborers	3.150	3.250	15¢	15¢	-
Bricklayers	4.270	4.370	15¢	15¢	-	<b>Elevator constructors'</b>					
Carpenters	3.830	4.030	15¢	15¢	-	helpers	3.000	3.115	7½¢	10½¢	(*)
Millwrights	4.080	4.280	15¢	15¢	-	Marble setters' helpers	3.500	3.600	15¢	15¢	-
Floor layers	3.955	4.155	15¢	15¢	-	Plasterers' laborers	3.500	3.600	15¢	15¢	-
<b>Piledrivers, bridge, dock, and wharf builders</b>						<b>Plumbers' laborers</b>					
Cement finishers	3.930	4.130	15¢	15¢	-	Terrazzo workers' helpers	3.350	3.350	15¢	15¢	-
Composition and mastic	3.800	3.925	15¢	10¢	-	<b>Tile layers' helpers</b>					
Electricians (inside wiremen)	3.925	4.045	15¢	10¢	-	Asbestos workers	3.500	3.600	15¢	15¢	-
Elevator constructors	4.500	4.650	10¢	1%	-	Boilermakers	4.450	4.550	14¢	10¢	-
Engineers—Power equipment operators:	4.290	4.450	7½¢	10½¢	(*)	Bricklayers	4.400	4.600	10¢	10¢	-
<b>Building and heavy construction:</b>						<b>Bricklayers</b>					
<b>Heavy equipment:</b>						<b>Carpenters</b>					
<b>Power shovels, draglines, cranes:</b>						<b>Electricians (inside wiremen)</b>					
Under 1 cubic yard	4.420	4.670	16¢	16¢	-	Elevator constructors	4.100	4.200	10¢	1%	-
1 cubic yard and under 3 cubic yards	4.530	4.780	16¢	16¢	-	Asbestos workers	4.150	4.330	7½¢	10½¢	(*)
3 cubic yards and over	4.930	5.180	16¢	16¢	-	Boilermakers	4.400	4.600	10¢	10¢	-
						Bricklayers	4.300	4.450	12½¢	15¢	-
						Carpenters	3.800	3.875	12½¢	7½¢	-
						Electricians (inside wiremen)	3.900	4.050	10¢	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964		
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay				Insurance <sup>2</sup>	Pension	Vacation pay
PROVIDENCE, R.I.—Continued						RICHMOND, VA.—Continued					
<u>Journeyman</u> —Continued						<u>Journeyman</u> —Continued					
Engineers—Power equipment operators:						Engineers—Power equipment operators—Continued					
Building construction:						Hoists:					
Heavy equipment:						1 drum .....	\$2.600	\$2.700	-	-	-
Cranes, shovels, draglines, backhoes .....	\$4.750	\$5.000	20¢	20¢	-	2 drums or more .....	3.625	3.775	-	-	-
Medium equipment:						Mixers:					
Hoists, piledrivers, derricks .....	4.750	5.000	20¢	20¢	-	16S or smaller .....	2.360	2.460	-	-	-
Light equipment:						Larger than 16S .....	3.020	3.120	-	-	-
Pumps, air compressors, gas and electric heaters .....	4.125	4.375	20¢	20¢	-	Pumps:					
Heavy construction:						2-inch discharge .....	2.270	2.370	-	-	-
Heavy equipment:						Over 2-inch discharge .....	2.600	2.700	-	-	-
Shovels, cranes, draglines, pavers .....	5.450	5.700	20¢	20¢	-	Scrapers .....	3.220	3.320	-	-	-
Medium equipment:						Tractors (without attachments) .....	2.600	2.700	-	-	-
Piledrivers, lighters, derricks .....	5.450	5.700	20¢	20¢	-	Trench machines .....	3.020	3.120	-	-	-
Light equipment:						Glaziers .....	2.650	2.750	-	-	-
Mixers, pumps, air compressors, stone crushers .....	4.600	4.850	20¢	20¢	-	Lathers .....	3.600	3.680	-	-	-
Glaziers .....	3.800	3.950	-	-	-	Machinists .....	4.500	4.500	-	-	-
Lathers .....	4.150	4.400	-	-	-	Marble setters .....	3.600	3.750	-	-	-
Marble setters .....	4.200	4.350	-	-	-	Mosaic and terrazzo workers .....	3.600	3.750	-	-	-
Mosaic and terrazzo workers .....	4.200	4.350	-	-	-	Painters .....	2.650	2.750	-	-	-
Painters .....	3.400	3.500	10¢	5¢	-	Spray .....	3.100	3.200	-	-	-
Structural steel .....	3.650	3.750	10¢	5¢	-	Structural steel .....	2.900	3.000	-	-	-
Spray .....	4.400	4.500	10¢	5¢	-	Paperhangers .....	2.650	2.750	-	-	-
Paperhangers .....	3.400	3.500	10¢	5¢	-	Pipefitters .....	3.750	3.850	-	-	-
Pipefitters .....	4.300	4.550	15¢	15¢	-	Plasterers .....	3.600	3.725	-	-	-
Refrigeration and air conditioning mechanics .....	4.300	4.550	10¢	-	-	Plumbers .....	3.750	3.850	-	-	-
Sprinkler fitters .....	4.000	4.215	11¢	10¢	( <sup>3</sup> )	Rodmen .....	3.500	3.750	-	-	-
Plasterers .....	4.225	4.375	10¢	-	-	Sheet-metal workers .....	3.650	3.800	-	-	-
Plumbers .....	4.200	4.450	15¢	15¢	-	Stonemasons .....	4.000	4.000	-	10¢	-
Rodmen .....	4.470	4.630	3½%	2½%	-	Structural-iron workers .....	3.775	3.925	-	-	-
Roofers, composition .....	3.700	3.800	15¢	-	-	Tile layers .....	3.600	3.750	-	-	-
Roofers, slate and tile .....	3.900	4.000	15¢	-	-						
Sheet-metal workers .....	3.950	4.150	10¢	15¢	-	ROCHESTER, N.Y.					
Stonemasons .....	4.300	4.450	12½%	15¢	-	<u>Journeyman</u>					
Structural-iron workers .....	4.470	4.630	3½%	2½%	-	Asbestos workers .....	4.240	4.440	10¢	10¢	-
Tile layers .....	4.200	4.350	-	-	-	Bricklayers .....	4.735	4.935	-	15¢	-
<u>Helpers and laborers</u>						Carpenters .....	4.350	4.530	-	-	-
Bricklayers' tenders .....	2.950	3.050	10¢	-	-	Floor layers, parquetry .....	3.570	3.745	-	-	-
Building laborers .....	2.950	3.050	10¢	-	-	Millwrights .....	4.650	4.830	-	-	-
Composition roofers' helpers:						Cement finishers .....	4.535	4.735	-	15¢	-
Class A .....	2.850	2.950	15¢	-	-	Electricians (inside wiremen) .....	4.630	4.630	15¢	1%	-
Class B .....	2.300	2.400	15¢	-	-	Elevator constructors .....	4.410	4.577	7½¢	10½¢	( <sup>4</sup> )
Elevator constructors' helpers .....	2.905	3.031	7½¢	10½¢	( <sup>4</sup> )	Engineers—Power equipment operators:					
Marble setters' helpers .....	3.280	3.430	-	-	-	Building construction:					
Plasterers' laborers .....	3.250	3.350	10¢	-	-	Heavy equipment:					
Terrazzo workers' helpers .....	3.280	3.430	-	-	-	Cranes, derricks, piledrivers .....	4.470	4.620	15¢	10¢	-
Tile layers' helpers .....	3.280	3.430	-	-	-	Medium equipment:					
RICHMOND, VA.						Hoists, high pressure boilers, concrete pumps .....	4.300	4.450	15¢	10¢	-
<u>Journeyman</u>						Light equipment:					
Asbestos workers .....	3.780	3.780	10¢	10¢	-	Mixers, 14S to 26S .....	4.015	4.450	15¢	10¢	-
Boilermakers .....	4.150	4.300	10¢	10¢	-	Pumps, 4 inches and over, and mixers, under 14S .....	3.645	3.795	15¢	10¢	-
Bricklayers .....	4.000	4.000	-	10¢	-	Compressors, 315 cubic feet and over .....	3.645	3.415	15¢	10¢	-
Carpenters .....	3.150	3.250	-	-	-	Compressors, under 315 cubic feet, and pumps, under 4 inches .....	3.265	3.415	15¢	10¢	-
Millwrights .....	3.850	3.950	-	-	-	Heavy construction:					
Cement finishers .....	3.000	3.100	-	-	-	Heavy equipment:					
Machine operators .....	3.100	3.200	-	-	-	Cableways, pile-drivers, shovels .....	4.250	4.450	15¢	10¢	-
Electricians (inside wiremen) .....	3.750	3.900	-	1%	-	Medium equipment:					
Elevator constructors .....	3.665	3.765	7½%	10½¢	( <sup>4</sup> )	Mucking machines .....	4.250	4.450	15¢	10¢	-
Engineers—Power equipment operators:						Carryall type scrapers, bulldozers, graders .....	4.050	4.250	15¢	10¢	-
Air compressors:											
Under 4 .....	2.600	2.700	-	-	-						
4 or more .....	3.625	3.775	-	-	-						
Bulldozers .....	3.020	3.120	-	-	-						
Cranes, derricks, piledrivers, shovels .....	3.625	3.775	-	-	-						
Graders .....	3.220	3.320	-	-	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
<b>ROCHESTER, N.Y.—Continued</b>						<b>SACRAMENTO, CALIF.—Continued</b>					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Heavy construction—Continued						Heavy construction:					
Light equipment:						Heavy equipment:					
Dinky locomotives	\$3.900	\$4.100	15¢	10¢	-	Power shovels (up to 1 yard)	\$4.930	\$5.175	17¢	20¢	17 1/2¢
Compressors, 315 cubic feet and over	3.900	4.100	15¢	10¢	-	Power shovels (over 1 yard)	5.060	5.305	17¢	20¢	17 1/2¢
Pumps:						Le Tourneau pulls	4.730	4.965	17¢	20¢	17 1/2¢
Under 4 inches	3.350	3.550	15¢	10¢	-	Highline cableways	5.060	5.305	17¢	20¢	17 1/2¢
4 inches and over	3.600	3.800	15¢	10¢	-	Medium equipment:					
Glaziers	3.950	4.050	-	-	-	Mucking machines	4.730	4.965	17¢	20¢	17 1/2¢
Lathers	4.360	4.560	-	10¢	-	Dual-drum mixers	4.550	4.785	17¢	20¢	17 1/2¢
Machinists	4.450	4.650	-	-	-	Tractors	4.640	4.895	17¢	20¢	17 1/2¢
Marble setters	4.590	4.790	-	15¢	-	Light equipment:					
Mosaic and terrazzo workers	4.590	4.790	-	15¢	-	Locomotives	4.080	4.285	17¢	20¢	17 1/2¢
Painters	3.900	4.100	-	15¢	-	Locomotives (steam or over 30 tons)	4.480	4.705	17¢	20¢	17 1/2¢
Bridge	4.525	4.725	-	15¢	-	Truck cranes	4.930	5.175	17¢	20¢	17 1/2¢
Spray	4.300	4.500	-	15¢	-	Glaziers	4.205	4.320	11 1/2¢	10¢	22 1/2¢
Structural	4.150	4.350	-	15¢	-	Lathers	4.350	4.400	15¢	20¢	50¢
Paperhangers	3.900	4.100	-	15¢	-	Mosaic and terrazzo workers	4.600	4.700	18¢	20¢	15¢
Pipefitters	3.970	4.170	20¢	12¢	-	Painters	4.280	4.510	16¢	15¢	15¢
Plasterers	4.735	4.935	-	15¢	-	Paperhangers	4.560	4.860	16¢	15¢	15¢
Plumbers	4.210	4.410	20¢	12¢	-	Pipefitters	5.120	5.520	20¢	12 1/2¢	5 3/4¢
Rodmen	4.400	4.600	15¢	10¢	-	Plasterers	4.350	4.600	15¢	-	50¢
Roofers, composition	3.960	4.160	10¢	11¢	-	Plumbers	5.120	5.520	20¢	12 1/2¢	5 3/4¢
Roofers, slate and tile	3.960	4.160	10¢	11¢	-	Rodmen	4.500	4.750	15¢	10¢	10¢
Sheet-metal workers	4.270	4.480	10¢	11¢	-	Roofers, composition	3.970	4.120	22¢	10¢	20¢
Stonemasons	4.735	4.935	-	15¢	-	Roofers, slate and tile	3.970	4.120	22¢	10¢	20¢
Structural-iron workers	4.400	4.600	15¢	10¢	-	Sheet-metal workers	4.790	5.115	15¢	11¢	5 3/4¢
Tile layers	4.590	4.790	-	15¢	-	Stonemasons	4.500	4.600	18¢	20¢	15¢
						Structural- and ornamental-iron workers	4.750	5.000	15¢	10¢	10¢
						Tile layers	4.200	4.450	12¢	15¢	20¢
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>					
Bricklayers' tenders	3.305	3.480	15¢	15¢	-	Bricklayers' tenders	3.600	3.750	15¢	-	30¢
Building laborers	3.305	3.480	15¢	15¢	-	Building laborers	3.425	3.575	15¢	10¢	15¢
Elevator constructors' helpers	3.085	3.200	7 1/2¢	10 1/2¢	(*)	Elevator constructors' helpers	3.320	3.490	7 1/2¢	10 1/2¢	(*)
Marble setters' helpers	3.700	3.900	-	-	-	Plasterers' laborers	3.700	3.950	15¢	-	50¢
Plasterers' laborers	3.305	3.480	15¢	15¢	-	Terrazzo workers' helpers	3.500	3.500	-	-	-
Terrazzo workers' helpers	3.700	3.900	-	-	-	Tile layers' helpers	3.220	3.330	12¢	-	16¢
Machine operators and grinders	3.800	4.000	-	-	-						
Tile layers' helpers	3.700	3.900	-	-	-						
<b>SACRAMENTO, CALIF.</b>						<b>ST. LOUIS, MO.</b>					
<u>Journeyman</u>						<u>Journeyman</u>					
Asbestos workers	4.870	5.160	23¢	20¢	30¢	Asbestos workers	4.505	4.705	12 1/2¢	17¢	-
Boilermakers	4.750	5.000	10¢	10¢	10¢	Boilermakers	4.300	4.450	10¢	10¢	-
Bricklayers	4.500	4.600	18¢	20¢	15¢	Bricklayers	4.400	4.550	17¢	25¢	5%
Carpenters	4.105	4.340	18¢	20¢	15¢	Sewer, over 6 feet, open work	4.650	4.800	17¢	25¢	5%
Floor layers, shinglers	4.255	4.490	18¢	20¢	15¢	Carpenters	4.375	4.475	10¢	-	10¢
Millwrights	4.405	4.640	18¢	20¢	15¢	Residential	4.075	4.175	10¢	-	-
Cement finishers	4.050	4.195	16¢	20¢	30¢	Floor layers:					
Composition	4.210	4.355	16¢	20¢	30¢	Commercial	4.275	4.275	13¢	10¢	(18)
Electricians (inside wiremen)	5.087	5.087	13¢	1%	5 1/4%	Residential	3.975	3.975	13¢	10¢	(19)
Elevator constructors	4.740	4.990	7 1/2¢	10 1/2¢	(*)	Cement finishers	4.225	4.275	20¢	20¢	30¢
Engineers—Power equipment operators:						Composition; swing scaffold	4.475	4.525	20¢	20¢	5 3/4¢
Building construction:						Electricians (inside wiremen)	4.460	4.660	10¢	10¢	20¢
Heavy equipment:						Elevator constructors	4.350	4.490	7 1/2¢	10 1/2¢	(*)
Derricks	4.930	5.175	17¢	20¢	17 1/2¢	Engineers—Power equipment operators:					
Tractor-type shovel loaders	4.730	4.965	17¢	20¢	17 1/2¢	Building construction:					
Medium equipment:						Heavy equipment:					
Material hoists	4.330	4.545	17¢	20¢	17 1/2¢	Cranes, draglines, shovels, derricks, piledrivers	4.375	4.475	14 10¢	20¢	-
Mixermobiles	4.550	4.785	17¢	20¢	17 1/2¢	Medium equipment:					
Scoopmobiles (when used as a hoist)	4.330	4.545	17¢	20¢	17 1/2¢	Boring machines (footing equipment), combination hoists and concrete mixers, tractor shovels, hi-lifts	4.375	4.475	14 10¢	20¢	-
Light equipment:						Light equipment:					
Compressors	3.980	4.185	17¢	20¢	17 1/2¢	Concrete pumps	4.375	4.475	14 10¢	20¢	-
Compressors (more than 1)	4.430	4.655	17¢	20¢	17 1/2¢	1-drum hoists, single compressors	3.825	3.925	14 10¢	20¢	-
Towermobiles	4.330	4.545	17¢	20¢	17 1/2¢						
Concrete mixers (up to 1 yard)	3.980	4.185	17¢	20¢	17 1/2¢						

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>1</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>1</sup>
<b>ST. LOUIS, MO.—Continued</b>						<b>SALT LAKE CITY, UTAH—Continued</b>					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Heavy construction:						Building construction—Continued					
Heavy equipment:						Medium equipment:					
Cranes, derricks, draglines, pile-drivers, shovels	\$ 4.375	\$ 4.475	14 10¢	20¢	-	Hoists, 1 drum	\$ 3.530	\$ 3.710	10¢	10¢	-
Medium equipment:						Hoists, 2 drums (both in use)	3.850	4.070	10¢	10¢	-
1-drum hoists, welding machines, single compressors	3.825	3.925	14 10¢	20¢	-	Mixermobiles	3.790	3.990	10¢	10¢	-
Light equipment:						Tractors, rubber tired	3.790	3.990	10¢	10¢	-
Boilers, pumps, concrete-mixing machines	3.825	3.925	14 10¢	20¢	-	Light equipment:					
Glaziers	4.250	4.410	11 1/2¢	20¢	5%	Air compressors, 2 or more	3.470	3.670	10¢	10¢	-
Lathers	4.400	4.600	7 1/2¢	-	-	Concrete mixers, skip type	3.470	3.670	10¢	10¢	-
Machinists	4.375	4.575	14 10¢	-	-	Heavy construction:					
Marble setters	4.510	4.660	-	-	-	Heavy equipment:					
Mosaic and terrazzo workers	4.510	4.760	-	-	-	Power shovels:					
Painters	4.210	4.210	12¢	5¢	5¢	Up to 1 cubic yard	4.010	4.280	10¢	10¢	-
Spray	4.900	5.050	12¢	5¢	5¢	Over 1 cubic yard	4.040	4.280	10¢	10¢	-
Pressure roller	4.330	4.460	12¢	5¢	5¢	Tournapulls or similar type	4.010	4.280	10¢	10¢	-
Paperhangers	4.080	4.210	12¢	5¢	5¢	Medium equipment:					
Pipefitters	4.725	4.825	30¢	25¢	5¢	Tractors	3.850	4.070	10¢	10¢	-
Sprinkler fitters	4.515	4.630	5 11¢	5 10¢	5 30¢	Light equipment:					
Plasterers	4.000	4.000	17 1/2¢	-	5 5¢	Locomotives	3.790	3.990	10¢	10¢	-
Plumbers	4.750	4.950	15¢	15¢	25¢	Truck cranes	4.040	4.280	10¢	10¢	-
Rodmen	4.275	4.275	10¢	10¢	5 20¢	Glaziers	3.360	3.460	-	-	(40)
Roofers, composition	4.200	4.350	12¢	-	-	Lathers	3.985	3.985	12¢	-	-
Roofers, slate and tile, and precast slab	4.000	4.200	-	-	-	Marble setters	3.450	3.450	-	-	17 8 1/2¢
Sheet-metal workers	4.210	4.460	12 1/2¢	17¢	6%	Mosaic and terrazzo workers	3.750	3.870	-	-	17 8 1/2¢
Stonemasons	4.400	4.550	17¢	25¢	5%	Painters	3.500	3.700	11 1/2¢	-	-
Structural-iron workers	4.275	4.275	10¢	10¢	5 20¢	Swing stage, spray	3.700	3.900	11 1/2¢	-	-
Tile layers	4.190	4.560	7 1/2¢	-	-	Paperhangers	3.700	3.900	11 1/2¢	-	-
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>					
Bricklayers' tenders	3.700	3.850	10¢	10¢	-	Pipefitters	4.200	4.450	14¢	-	-
Building laborers	3.425	3.525	10¢	10¢	-	Plasterers	3.985	3.985	12¢	-	-
Residential	3.175	3.175	10¢	10¢	-	Plumbers	4.200	4.450	14¢	-	-
Composition roofers' helpers	3.000	3.150	12¢	-	-	Rodmen	4.200	4.350	10¢	10¢	-
Elevator constructors' helpers	3.050	3.140	7 1/2¢	10 1/2¢	(*)	Roofers, composition	3.350	3.650	10¢	-	-
Marble setters' helpers	3.650	3.800	-	-	-	Roofers, slate and tile	3.350	3.65¢	10¢	-	-
Plasterers' laborers	3.875	3.975	10¢	10¢	-	Sheet-metal workers	3.940	4.080	13¢	-	16¢
Plumbers' laborers	3.500	3.750	10¢	10¢	-	Structural- and ornamental-iron workers	4.200	4.300	10¢	10¢	-
Terrazzo workers' helpers	3.420	3.420	-	-	5 32¢	Tile layers	3.750	3.870	-	-	17 8 1/2¢
Base-machine operators	3.720	3.720	-	-	5 32¢	<u>Helpers and laborers</u>					
Tile layers' helpers	3.306	3.630	7 1/2¢	-	-	Bricklayers' tenders	3.260	3.350	10¢	-	-
<b>ST. PAUL, MINN.</b>						<b>SAN ANTONIO, TEX.</b>					
(Scales listed under Minneapolis—St. Paul, Minn.)						<u>Journeyman</u>					
<b>SALT LAKE CITY, UTAH</b>						Asbestos workers					
<u>Journeyman</u>						Bricklayers					
Asbestos workers	4.030	4.350	21¢	20¢	-	Carpenters	3.500	3.750	-	-	-
Boilermakers	4.750	4.750	10¢	10¢	10¢	Cement finishers	3.500	3.750	-	-	-
Bricklayers	3.840	4.090	11¢	-	18¢	Electricians (inside wiremen)	3.925	4.000	-	1%	-
Carpenters	3.600	3.850	10¢	10¢	-	Elevator constructors	3.960	4.070	7 1/2¢	10 1/2¢	(*)
Millwrights	3.850	4.100	10¢	10¢	-	Engineers—Power equipment operators:					
Piledrivers	4.460	4.710	10¢	10¢	-	Building construction:					
Cement finishers	3.650	3.800	10¢	10¢	-	Heavy equipment:					
Composition floor layers	3.775	3.925	10¢	10¢	-	Blade graders (self-propelled), bulldozers, cranes, derricks, draglines, hoists (2 drums or more), locomotives, mixers (14 cubic feet or over), piledrivers, rollers (5 tons and over), scrapers, winch trucks	3.875	4.000	-	-	-
Finishing-machine operators	3.775	3.925	10¢	10¢	-						
Electricians (inside wiremen)	4.250	4.450	-	10%	-						
Elevator constructors	3.950	4.110	7 1/2¢	10 1/2¢	(*)						
Engineers—Power equipment operators:											
Building construction:											
Heavy equipment:											
Derricks	4.040	4.280	10¢	10¢	-						
Piledrivers	4.890	5.160	10¢	10¢	-						
Tractors with front end loaders	3.850	4.070	10¢	10¢	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964--Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension				Vacation pay	Insurance <sup>2</sup>	Pension	Vacation pay
<b>SAN ANTONIO, TEX.—Continued</b>					<b>SAN DIEGO, CALIF.—Continued</b>						
<u>Journeymen—Continued</u>					<u>Journeymen—Continued</u>						
Engineers—Power equipment operators—Continued					Engineers—Power equipment operators—Continued						
Building construction—Continued					Heavy construction—Continued						
Light equipment:					Heavy equipment—Continued						
Air compressors, hoists (1 drum), rollers (under 5 tons), mixers (less than 14 cubic feet), pumps, 2½ inches or larger	\$ 3.475	\$ 3.600	-	-	Tractors (bulldozers, tampers, scrapers, or drag-type shovels)	\$ 4.560	\$ 4.810	15¢	15¢	15¢	
Glaziers	3.250	3.500	-	-	Medium equipment:						
Lathers	4.000	4.125	-	-	Motor patrols, including power blades	4.660	4.910	15¢	15¢	15¢	
Marble setters	3.875	4.050	-	-	Concrete and mobile mixers	4.660	4.910	15¢	15¢	15¢	
Mosaic and terrazzo workers	3.375	3.500	-	-	Light equipment:						
Painters	3.250	3.500	-	-	Air compressors	3.780	4.030	15¢	15¢	15¢	
Spray	3.500	3.750	-	-	Skip loaders (wheel type)	4.560	4.810	15¢	15¢	15¢	
Structural steel spray	3.250	3.500	-	-	Skip loaders (Hough or similar)	4.660	4.910	15¢	15¢	15¢	
Paperhangers	3.250	3.500	-	-	Glaziers	4.240	4.340	10¢	10¢	(41)	
Pipefitters	4.150	4.300	-	-	Lathers	4.300	4.350	17½¢	15¢	537½¢	
Plasterers	4.125	4.250	-	-	Machinists	4.900	5.250	-	-	-	
Plumbers	4.150	4.300	-	-	Marble setters	4.450	4.580	14¢	-	10¢	
Rodmen	3.625	3.750	-	-	Mosaic and terrazzo workers	4.450	4.580	14¢	-	10¢	
Sheet-metal workers	4.000	4.125	-	-	Painters	4.360	4.520	16¢	10¢	10¢	
Stonemasons	4.080	4.170	-	-	Spray	4.610	4.770	16¢	10¢	10¢	
Structural- and ornamental-iron workers	3.875	4.000	-	-	Swing stage, brush	4.610	4.770	16¢	10¢	10¢	
Sheeters and buckers-up	4.025	4.150	-	-	Swing stage, spray	4.860	5.020	16¢	10¢	10¢	
Tile layers	3.250	3.500	-	-	Paperhangers	4.485	4.645	16¢	10¢	10¢	
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders	1.865	2.015	-	-	Pipefitters	4.900	5.200	5½%	6%	207½%	
Cement finishers' helpers	1.865	2.015	-	-	Refrigeration fitters	4.900	4.900	5½%	6%	207½%	
Building laborers	1.750	1.900	-	-	Plasterers	4.550	4.750	15¢	10¢	-	
Elevator constructors' helpers	2.772	2.850	7½¢	10½¢	Plumbers	4.900	5.200	5½%	6%	207½%	
Plasterers' laborers	2.125	2.275	-	-	Rodmen	4.500	4.750	15¢	10¢	10¢	
<b>SAN DIEGO, CALIF.</b>					<b>SAN FRANCISCO-OAKLAND, CALIF.</b>						
<u>Journeymen</u>					<u>Journeymen</u>						
Asbestos workers	4.776	4.900	18¢	20¢	30¢	Bricklayers' tenders	3.685	3.685	15¢	15¢	15¢
Boilermakers	4.750	5.000	10¢	10¢	10¢	Building laborers	3.405	3.405	15¢	15¢	15¢
Bricklayers	4.900	5.100	-	-	-	Elevator constructors' helpers	3.340	3.450	7½¢	10½¢	(4)
Carpenters	4.300	4.450	18¢	15¢	15¢	Marble setters' helpers	3.570	3.840	14¢	-	10¢
Millwrights, parquetry floor layers	4.550	4.700	18¢	15¢	15¢	Plasterers' laborers	4.300	4.500	15¢	10¢	-
Wharf and bridge, shinglers, piledrivers	4.430	4.580	18¢	15¢	15¢	Terrazzo workers' helpers	3.600	3.810	-	-	-
Cement finishers	4.265	4.365	16½¢	-	17¢	Base-machine operators	4.050	4.210	-	-	-
Electricians (inside wiremen)	5.020	5.260	15¢	1%	-	Tile layers' helpers	3.470	3.840	14¢	-	10¢
Elevator constructors	4.770	4.930	7½¢	10½¢	(4)	<b>SAN FRANCISCO-OAKLAND, CALIF.</b>					
Engineers—Power equipment operators						(Scales are the same for both cities unless otherwise indicated)					
Building construction:						<u>Journeymen</u>					
Heavy equipment:						Asbestos workers	4.870	5.160	23¢	20¢	30¢
Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells, or cranes)	4.660	4.910	15¢	15¢	15¢	Boilermakers	4.750	5.000	10¢	10¢	10¢
Tractors (bulldozers, tampers, scrapers, or drag-type shovels)	4.660	4.910	15¢	15¢	15¢	Bricklayers:					
Medium equipment:						San Francisco	9 5.000	9 5.400	17½¢	20¢	-
A-Frame boom trucks	4.260	4.510	15¢	15¢	15¢	Underground	9 5.430	9 5.830	17½¢	20¢	-
Motor patrols, including power blades	4.660	4.910	15¢	15¢	15¢	Oakland	16 4.730	5.130	17¢	20¢	20¢
Light equipment:						Carpenters	4.330	4.330	15¢	20¢	15¢
Air compressors	3.780	4.030	15¢	15¢	15¢	Floor layers, shinglers	4.480	4.480	18¢	20¢	15¢
Concrete mixers (skip type)	4.020	4.270	15¢	15¢	15¢	Millwrights	4.630	4.630	18¢	20¢	15¢
Heavy construction:						Cement finishers	4.050	4.195	16¢	20¢	30¢
Heavy equipment:						Composition	4.210	4.355	16¢	20¢	30¢
Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes)	4.660	4.910	15¢	15¢	15¢	Electricians (inside wiremen):					
						San Francisco	4.769	5.120	17¢	1%+10¢	5 4%
						Oakland	5.000	5.240	15¢	1%+20¢	5 4%
						Elevator constructors	4.740	4.990	7½¢	10½¢	(4)

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension				Vacation pay <sup>3</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
SEATTLE, WASH.					SEATTLE, WASH.—Continued						
<u>Journeyman</u>					<u>Helpers and laborers</u>						
Asbestos workers	\$4.510	\$4.630	13¢	20¢	-	Bricklayers' tenders	\$3.600	\$3.700	15¢	15¢	-
Boilermakers	4.750	4.750	10¢	10¢	10¢	Building laborers	3.300	3.400	15¢	15¢	-
Bricklayers	4.640	4.710	15¢	-	20¢	Elevator constructors' helpers	2.960	3.070	7½¢	10½¢	(*)
Carpenters	3.960	4.080	15¢	10¢	-	Marble setters' helpers	3.300	3.400	15¢	15¢	15¢
Floor layers, shinglers	4.090	4.210	15¢	10¢	-	Plasterers' laborers	3.600	3.700	15¢	15¢	-
Piledrivers, bridge and dock	4.060	4.180	15¢	10¢	-	Plumbers' laborers	3.300	3.400	15¢	15¢	-
Cement finishers	4.100	4.270	12¢	-	-	Terrazzo workers' helpers	3.300	3.400	15¢	-	15¢
Floor layers, composition and mastic	4.350	4.520	12¢	-	-	Tile layers' helpers	3.300	3.400	15¢	-	15¢
Electricians (inside wiremen)	4.475	4.655	10¢	1%	-	SHREVEPORT, LA.					
Elevator constructors	4.230	4.380	7½¢	10½¢	(*)	<u>Journeyman</u>					
Engineers—Power equipment operators:						Asbestos workers	4.075	4.200	10¢	17½¢	-
Building construction:						Boilermakers	4.000	4.200	10¢	10¢	-
Heavy equipment:						Bricklayers	4.075	4.150	-	-	-
Shovels and cranes, all crawler and truck types	4.680	4.830	20¢	20¢	-	Carpenters	3.300	3.350	-	-	-
Bulldozers	4.310	4.460	20¢	20¢	-	Millwrights	3.500	3.600	-	-	-
Carryall type scrapers:						Piledrivers	3.425	3.475	-	-	-
Single	4.310	4.460	20¢	20¢	-	Cement finishers	3.200	3.250	-	-	-
Tandem	4.450	4.600	20¢	20¢	-	Trowling-machine operators	3.450	3.500	-	-	-
Medium equipment:						Electricians (inside wiremen)	3.975	4.100	-	1%	-
Hoists	4.340	4.490	20¢	20¢	-	Elevator constructors	3.805	3.950	7½¢	10½¢	(*)
Mixers, other than paving:						Engineers—Power equipment operators:					
200 yards and under	4.340	4.490	20¢	20¢	-	Air compressors	3.070	3.140	-	-	-
Over 200 yards	4.630	4.780	20¢	20¢	-	Bulldozers:					
Piledrivers	4.550	4.700	20¢	20¢	-	16S and over	3.600	3.700	-	-	-
Light equipment:						Under 16S	3.250	3.350	-	-	-
Forklifts or lumber stackers (on construction job site)	4.280	4.430	20¢	20¢	-	Cranes, derricks, draglines	3.600	3.700	-	-	-
Compressors, excavating	4.040	4.190	20¢	20¢	-	Finishing machines	3.250	3.350	-	-	-
Heavy construction:						Hoists	3.070	3.140	-	-	-
Heavy equipment:						Mixers:					
Shovels and cranes, all crawler and truck types	4.680	4.830	20¢	20¢	-	16S and over	3.600	3.700	-	-	-
Bulldozers	4.310	4.460	20¢	20¢	-	Under 16S	3.070	3.140	-	-	-
Carryall type scrapers:						Pumps	3.070	3.140	-	-	-
Single	4.310	4.460	20¢	20¢	-	Rollers	3.250	3.350	-	-	-
Tandem	4.450	4.600	20¢	20¢	-	Scrapers	3.600	3.700	-	-	-
Medium equipment:						Shovels	3.600	3.700	-	-	-
Hoists	4.340	4.490	20¢	20¢	-	Glaziers	3.050	3.150	-	-	-
Mixers, other than paving:						Lathers	3.875	3.875	-	-	-
200 yards and under	4.340	4.490	20¢	20¢	-	Marble setters	3.350	3.450	-	-	-
Over 200 yards	4.630	4.780	20¢	20¢	-	Mosaic and terrazzo workers	3.350	3.450	-	-	-
Piledrivers	4.550	4.700	20¢	20¢	-	Painters, brush	3.050	3.150	-	-	-
Light equipment:						Steel and swing stage:					
Forklifts or lumber stackers (on construction job site)	4.280	4.430	20¢	20¢	-	Exceeding 35 feet	3.300	3.400	-	-	-
Compressors, excavating	4.040	4.190	20¢	20¢	-	Exceeding 75 feet	3.550	3.650	-	-	-
Glaziers	3.930	4.140	10¢	10¢	(*)	Spray	4.150	4.250	-	-	-
Lathers	4.150	4.270	15¢	-	21¢	Paperhangers	3.050	3.150	-	-	-
Marble setters:						Pipefitters	3.750	3.950	-	-	-
Inside	4.340	4.410	15¢	-	20¢	Plasterers	3.875	4.125	-	-	-
Outside	4.640	4.710	15¢	-	20¢	Plumbers	3.750	3.950	-	-	-
Mosaic and terrazzo workers	4.210	4.330	15¢	-	20¢	Plasterers' laborers	3.600	3.700	-	-	-
Painters	3.840	4.010	14¢	-	5 15¢	Roofers, composition	2.600	2.700	-	-	-
Structural steel, spray	4.040	4.210	14¢	-	5 15¢	Roofers, slate and tile	3.050	3.050	-	-	-
Paperhangers	3.840	4.010	14¢	-	5 15¢	Sheet-metal workers	3.650	3.750	-	-	-
Pipefitters	4.470	4.570	16¢	16¢	-	Stonemasons	4.075	4.150	-	-	-
Plasterers	4.150	4.270	15¢	-	21¢	Structural-iron workers	3.800	3.900	-	-	-
Plumbers	4.470	4.570	16¢	16¢	-	Sheeters	4.050	4.150	-	-	-
Rodmen	4.170	4.320	10¢	10¢	-	Tile layers	3.350	3.450	-	-	-
Roofers, composition	4.010	4.180	12¢	-	-	<u>Helpers and laborers</u>					
Roofers, slate and tile	4.260	4.430	12¢	-	-	Bricklayers' tenders	1.925	1.975	-	-	-
Sheet-metal workers	4.480	4.660	12¢	10¢	-	Building laborers	1.825	1.875	-	-	-
Stonemasons	4.640	4.710	15¢	-	20¢	Airjack operators	2.025	2.075	-	-	-
Structural-iron workers	4.370	4.520	10¢	10¢	-	Elevator constructors' helpers	2.664	2.765	7½¢	10½¢	(*)
Tile layers	4.170	4.220	15¢	-	15¢	Marble setters' helpers	1.750	1.750	-	-	-
						Plasterers' laborers	1.925	1.975	-	-	-
						Mortar mixers	1.975	2.025	-	-	-
						Terrazzo workers' helpers	1.800	1.800	-	-	-
						Floor-machine operators	2.150	2.150	-	-	-
						Base-machine operators	2.350	2.350	-	-	-
						Tile layers' helpers	1.750	1.750	-	-	-

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963		July 1, 1964			Trade or occupation	July 1, 1963		July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension		Vacation pay <sup>3</sup>	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>	Insurance <sup>2</sup>	Pension
SPRINGFIELD, MASS.—Continued						SYRACUSE, N.Y.—Continued						
<u>Journeyman</u> —Continued						<u>Journeyman</u> —Continued						
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued						
Building construction—Continued						Building construction—Continued						
Light equipment:						Light equipment:						
Boilers.....	\$3.425	\$3.700	12¢	20¢	-	Welding machines, pumps (under 4 inches).....	\$4.025	\$4.075	15¢	10¢	-	-
Single-drum hoists, rollers, material spreaders.....	3.425	3.525	12¢	20¢	-	Harmon Nelson heaters or their equivalent.....	3.575	3.600	15¢	10¢	-	-
Pumps (4 inches and over).....	3.400	3.500	12¢	20¢	-	Heavy construction: Heavy equipment: Power shovels, cranes.....	4.775	4.850	15¢	10¢	-	-
Heavy construction: Heavy equipment: Cranes, derricks, shovels, trench machines, piledrivers.....	3.950	4.150	12¢	20¢	-	Scrapers.....	4.325	4.375	15¢	10¢	-	-
Medium equipment: Graders.....	3.500	3.900	12¢	20¢	-	Medium equipment: Bulldozers (under D6), compressors (215 cubic feet and over).....	4.025	4.075	15¢	10¢	-	-
Scrapers, bulldozers.....	3.500	3.700	12¢	20¢	-	Pumps (over 4 inches).....	4.325	4.375	15¢	10¢	-	-
Light equipment: Boilers.....	3.425	3.700	12¢	20¢	-	Light equipment: Compressors (under 215 cubic feet).....	3.575	3.600	15¢	10¢	-	-
Hoists, rollers, material spreaders.....	3.425	3.450	12¢	20¢	-	Mixers (under 21E), tractors.....	4.025	4.075	15¢	10¢	-	-
Glaziers.....	3.700	3.880	15¢	10¢	-	Glaziers.....	3.700	3.900	10¢	-	-	-
Lathers.....	3.800	4.050	15¢	10¢	-	Lathers.....	4.375	4.525	15¢	10¢	-	-
Marble setters.....	4.175	4.300	12¢	15¢	-	Mosaic and terrazzo workers.....	4.425	4.675	15¢	10¢	-	-
Mosaic and terrazzo workers.....	4.175	4.300	12¢	15¢	-	Painters.....	4.425	4.675	15¢	10¢	-	-
Painters.....	3.600	3.750	12½¢	-	-	Spray workers.....	4.800	5.000	12½¢	-	-	-
Spray workers.....	4.800	5.000	12½¢	-	-	Structural steel above 20 feet.....	3.850	4.000	12½¢	-	-	-
Structural steel above 20 feet.....	3.850	4.000	12½¢	-	-	Paperhangers.....	3.600	3.750	12½¢	-	-	-
Paperhangers.....	3.600	3.750	12½¢	-	-	Pipefitters.....	4.200	4.350	17½¢	17½¢	-	-
Pipefitters.....	4.200	4.350	17½¢	17½¢	-	Plasterers.....	4.175	4.300	12¢	15¢	-	-
Plasterers.....	4.175	4.300	12¢	15¢	-	Plumbers.....	4.250	4.400	3¢	20¢	-	-
Plumbers.....	4.250	4.400	3¢	20¢	-	Rodmen.....	4.580	4.740	3½¢	2½¢	-	-
Rodmen.....	4.580	4.740	3½¢	2½¢	-	Roofers, composition.....	3.900	4.025	15¢	15¢	-	-
Roofers, composition.....	3.900	4.025	15¢	15¢	-	Roofers, slate and tile.....	4.075	4.200	15¢	10¢	-	-
Roofers, slate and tile.....	4.075	4.200	15¢	10¢	-	Sheet-metal workers.....	4.200	4.350	15¢	10¢	10¢	-
Sheet-metal workers.....	4.200	4.350	15¢	10¢	-	Stonemasons.....	4.175	4.300	12¢	15¢	-	-
Stonemasons.....	4.175	4.300	12¢	15¢	-	Structural-iron workers.....	4.580	4.740	3½¢	2½¢	-	-
Structural-iron workers.....	4.580	4.740	3½¢	2½¢	-	Tile layers.....	4.175	4.300	12¢	15¢	-	-
Tile layers.....	4.175	4.300	12¢	15¢	-							
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>						
Bricklayers' tenders.....	3.195	3.345	10¢	-	-	Building laborers.....	3.450	3.600	15¢	10¢	-	-
Building laborers.....	2.925	3.075	10¢	-	-	Elevator constructors' helpers.....	2.995	3.140	7½¢	10½¢	(*)	(*)
Composition roofers' helpers.....	2.535	2.616	15¢	15¢	-	Marble setters' helpers.....	3.525	3.675	15¢	10¢	-	-
Elevator constructors' helpers.....	2.900	3.000	7½¢	10½¢	(*)	Plasterers' laborers.....	3.550	3.700	15¢	10¢	-	-
Marble setters' helpers.....	3.295	3.445	-	-	-	Terrazzo workers' helpers.....	3.525	3.675	15¢	10¢	-	-
Plasterers' laborers.....	3.195	3.345	10¢	-	-	Tile layers' helpers.....	3.525	3.675	15¢	10¢	-	-
Terrazzo workers' helpers.....	3.295	3.445	-	-	-							
Tile layers' helpers.....	3.295	3.445	-	-	-	TAMPA, FLA.						
						<u>Journeyman</u>						
SYRACUSE, N.Y.						Asbestos workers.....	3.835	3.910	7½¢	10¢	-	-
<u>Journeyman</u>						Boilermakers.....	4.050	4.250	10¢	10¢	-	-
Asbestos workers.....	4.275	4.475	17½¢	10¢	-	Bricklayers.....	3.900	3.900	10¢	-	-	-
Boilermakers.....	4.450	4.600	10¢	10¢	-	Carpenters.....	3.500	3.600	-	-	-	-
Bricklayers.....	4.600	4.750	15¢	10¢	-	Millwrights.....	3.850	4.000	15¢	15¢	-	-
Carpenters.....	4.220	4.370	15¢	10¢	-	Piledrivers.....	3.700	3.800	-	-	-	-
Millwrights.....	4.325	4.475	15¢	10¢	-	Cement finishers.....	3.300	3.300	10¢	-	-	-
Cement finishers.....	4.300	4.450	15¢	10¢	-	Electricians (inside wiremen).....	4.100	4.100	-	1¢	-	-
Electricians (inside wiremen).....	4.600	4.800	15¢	1%+15¢	-	Elevator constructors.....	3.805	3.890	7½¢	10½¢	(*)	(*)
Elevator constructors.....	4.275	4.480	7½¢	10½¢	(*)	Engineers—Power equipment operators:						
Engineers—Power equipment operators:						Air compressors, over 105 cubic feet.....	3.075	3.150	15¢	-	-	-
Building construction: Heavy equipment: Cranes, piledrivers, 2- and 3-drum hoists.....	4.775	4.850	15¢	10¢	-	Bulldozers.....	3.150	3.225	15¢	-	-	-
Medium equipment: 1-drum hoists, pumps (4 inches and over).....	4.325	4.375	15¢	10¢	-	Cranes, derricks, draglines.....	3.900	4.000	15¢	-	-	-
Compressors (215 cubic feet and over).....	4.025	4.075	15¢	10¢	-	Hoists.....	2.775	2.850	15¢	-	-	-
						Mixers: Under 2 bags.....	2.275	2.350	15¢	-	-	-
						Over 2 bags.....	2.675	2.750	15¢	-	-	-
						Pumps.....	2.775	2.850	15¢	-	-	-
						Trench machines.....	3.575	3.650	15¢	-	-	-
						Glaziers.....	3.100	3.200	-	-	-	-
						Lathers.....	3.500	3.650	-	-	-	-

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964				
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			
			Insurance <sup>2</sup>	Pension				Vacation pay <sup>3</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
<b>TAMPA, FLA.—Continued</b>					<b>TOLEDO, OHIO—Continued</b>						
<u>Journeyman—Continued</u>					<u>Helpers and laborers</u>						
Machinists.....	\$4.000	\$4.000	-	-	(4)	Bricklayers' tenders.....	\$3.520	\$3.620	10¢	-	-
Marble setters.....	3.350	3.450	12½¢	-	-	Building laborers.....	3.390	3.490	10¢	-	-
Mosaic and terrazzo workers.....	3.350	3.450	12½¢	-	-	Elevator constructors' helpers.....	2.955	3.060	7½¢	10½¢	(4)
Painters.....	3.150	3.250	-	-	-	Marble setters' helpers.....	3.160	3.280	10¢	-	-
Residential.....	3.100	3.200	-	-	-	Plasterers' laborers.....	3.470	3.620	10¢	-	-
Spray and swing stage.....	3.300	3.400	-	-	-	Mixers.....	3.520	3.620	10¢	-	-
Structural steel.....	3.600	3.700	-	-	-	Terrazzo workers' helpers.....	3.160	3.280	10¢	-	-
Paperhangers.....	3.150	3.250	-	-	-	Base grinders.....	3.540	3.600	10¢	-	-
Pipefitters.....	3.850	4.000	10¢	-	-	Tile layers' helpers.....	3.160	3.280	10¢	-	-
Air-conditioning and refrigeration.....	3.350	3.450	-	-	-						
Plasterers.....	3.700	3.700	10¢	-	-	<b>TOPEKA, KANS.</b>					
Plumbers.....	3.850	4.000	10¢	-	-	<u>Journeyman</u>					
Rodmen.....	3.900	4.000	12½¢	-	-	Asbestos workers.....	4.020	4.170	10¢	15¢	4%
Roofers, composition.....	2.750	2.800	-	-	-	Boilmakers.....	4.150	4.300	10¢	10¢	-
Roofers, slate and tile.....	2.750	2.800	-	-	-	Bricklayers.....	4.200	4.200	12½¢	-	-
Sheet-metal workers.....	3.675	3.825	10¢	-	-	Carpenters.....	3.550	3.550	12½¢	-	-
Stonemasons.....	3.900	3.900	10¢	-	-	Millwrights.....	3.925	3.925	12½¢	-	-
Structural-iron workers.....	3.900	4.000	12½¢	-	-	Cement finishers.....	3.650	3.650	12½¢	-	-
Tile layers.....	3.350	3.450	12½¢	-	-	Swing stage.....	3.900	3.900	12½¢	-	-
<u>Helpers and laborers</u>					<u>Electricians (inside wiremen).....</u>						
Bricklayers' tenders.....	2.075	2.225	-	-	-	Elevator constructors.....	4.100	4.200	7½¢	10½¢	(4)
Building laborers.....	1.925	2.075	-	-	-	Engineers—Power equipment operators:					
Composition roofers' helpers.....	1.350	1.400	-	-	-	Building construction:					
Elevator constructors' helpers.....	2.664	2.723	7½¢	10½¢	(4)	Heavy equipment:					
Plasterers' laborers.....	2.075	2.225	-	-	-	Boilers (2), cranes, derricks, truck cranes.....	4.000	4.000	12½¢	-	-
<b>TOLEDO, OHIO</b>					<u>Medium equipment:</u>						
<u>Journeyman</u>					Rigs (2 yards capacity and over), tower cranes.....						
Asbestos workers.....	4.310	4.380	10¢	10¢	15¢	Barber-Greene loaders, hoists (1 active drum), bulldozers, scoops, motor patrols.....	3.600	3.600	12½¢	-	-
Boilmakers.....	4.300	4.450	10¢	10¢	-	Forklift trucks.....	3.500	3.500	12½¢	-	-
Bricklayers.....	4.430	4.555	10¢	-	-	Light equipment:					
Carpenters.....	4.320	4.445	10¢	-	-	Mixers (other than pavers), jeep ditchers, pumps (4 inches or larger).....	3.400	3.400	12½¢	-	-
Cement finishers.....	4.210	4.335	10¢	10¢	-	Heavy construction:					
Electricians (inside wiremen).....	4.450	4.600	10¢	1%	-	Heavy equipment:					
Elevator constructors.....	4.220	4.360	7½¢	10½¢	(4)	Asphalt pavers and spreaders, boxing machines, clamshells, cranes, draglines, power shovels.....	3.650	3.650	12½¢	-	-
Engineers—Power equipment operators:						Medium equipment:					
Building and heavy construction:						A-Frame trucks.....	3.100	3.100	12½¢	-	-
Heavy equipment:						Bull floats, blade graders.....	3.250	3.250	12½¢	-	-
Cranes, power shovels, derricks.....	4.320	4.445	10¢	-	-	Bulldozers, scrapers.....	3.350	3.350	12½¢	-	-
Medium equipment:						Light equipment:					
Power graders:						Barber-Greene loaders, conveyors.....	2.800	2.800	12½¢	-	-
trench machines.....	4.040	4.165	10¢	-	-	Concrete mixers (skip type), jeep ditchers.....	3.250	3.250	12½¢	-	-
Rollers, asphalt.....	3.925	4.050	10¢	-	-	Distributors, siphons and jets.....	3.050	3.050	12½¢	-	-
Light equipment:						Glaziers.....	3.510	3.715	-	-	-
Bulldozers.....	4.040	4.165	10¢	-	-	Lathers.....	3.875	4.000	-	-	-
Pumps, 4 inches and over.....	3.905	4.030	10¢	-	-	<u>Mosaic and terrazzo workers.....</u>					
Pumps, under 4 inches.....	3.490	3.615	10¢	-	-	Painters.....	3.950	3.950	-	-	-
Compressors (intermediate).....	3.905	4.030	10¢	-	-	Spray.....	3.800	3.900	10¢	-	-
Glaziers.....	3.800	3.950	13¢	-	-	Swing stage.....	4.800	4.900	10¢	-	-
Swing stage.....	3.950	4.100	13¢	-	-	Steel to 50 feet.....	3.650	3.750	10¢	-	-
Lathers.....	4.170	4.400	10¢	-	-	Over 50 feet.....	4.150	4.250	10¢	-	-
Marble setters.....	4.430	4.555	10¢	-	-	Pipefitters.....	4.265	4.415	15¢	-	-
Mosaic and terrazzo workers.....	3.950	4.170	10¢	-	-	Plasterers.....	4.025	4.150	-	-	-
Painters.....	4.040	4.165	10¢	-	-	Plumbers.....	4.265	4.415	15¢	-	-
Spray.....	4.340	4.465	10¢	-	-	Rodmen.....	3.875	4.025	12½¢	-	-
Brush, swing.....	4.290	4.415	10¢	-	-						
Spray, swing.....	4.590	4.715	10¢	-	-						
Paperhangers.....	4.040	4.165	10¢	-	-						
Pipefitters.....	4.300	4.450	10¢	10¢	-						
Plasterers.....	4.170	4.400	10¢	-	-						
Plumbers.....	4.300	4.450	10¢	10¢	-						
Rodmen.....	4.260	4.360	10¢	13¢	-						
Roofers, composition and built-up moppers.....	4.060	4.085	10¢	20¢	-						
Roofers, slate and tile.....	4.060	4.085	10¢	20¢	-						
Sheet-metal workers.....	4.060	4.085	10¢	20¢	-						
Stonemasons.....	4.430	4.555	10¢	-	-						
Structural-iron workers.....	4.290	4.390	10¢	13¢	-						
Tile layers.....	3.950	4.170	10¢	-	-						

See footnotes at end of table.

Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964			Trade or occupation	July 1, 1963	July 1, 1964						
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>			Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>					
			Insurance <sup>2</sup>	Pension				Vacation pay <sup>3</sup>	Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>		
TOPEKA, KANS.—Continued					TULSA, OKLA.—Continued								
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>								
Roofers, composition.....	\$3,350	\$3,450	12½¢	-	-	Cement finishers:							
Roofers, slate and tile.....	3,350	3,450	12½¢	-	-	Commercial.....	\$3,870	\$3,970	-	-			
Sheet-metal workers.....	3,730	3,830	10¢	-	-	Residential.....	3,300	3,400	-	-			
Stonemasons.....	4,200	4,200	12½¢	-	-	Electricians (inside							
Structural-iron workers.....	4,025	4,175	12½¢	-	-	wiremen).....	4,230	4,300	-	1%			
Tile layers.....	3,800	3,850	-	-	-	Elevator constructors	4,030	4,120	7½¢	10½¢ (*)			
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>								
Bricklayers' tenders.....	2,750	2,750	-	-	-	Engineers—Power equipment							
Building laborers.....	2,600	2,600	-	-	-	operators:							
Elevator constructors' helpers.....	2,870	2,940	7½¢	10½¢	(*)	Air compressors:							
Marble setters' helpers.....	2,550	2,600	-	-	-	1-2.....	3,025	3,125	-	-			
Plasterers' laborers.....	2,800	2,800	-	-	-	3-6.....	3,500	3,600	-	-			
Plumbers' laborers.....	2,600	2,600	-	-	-	Bulldozers, D-4 and							
Terrazzo workers' helpers.....	2,550	2,600	-	-	-	larger.....	3,750	3,850	-	-			
Base-machine operators.....	2,850	2,900	-	-	-	Cranes, derricks,							
Floor-machine operators.....	2,650	2,700	-	-	-	draglines.....	3,850	3,950	-	-			
Tile layers' helpers.....	2,550	2,600	-	-	-	Hoists:							
TRENTON, N. J.					Hoists:								
<u>Journeyman</u>					1 drum.....					3,500	3,600	-	-
Asbestos workers.....	4,350	4,600	15¢	15¢	-	2 drums.....	3,750	3,850	-	-			
Bricklayers.....	4,800	4,900	15¢	10¢	-	Mixers:							
Carpenters.....	4,600	4,650	15¢	10¢	-	18 cubic feet and							
Cement finishers.....	4,800	4,900	15¢	10¢	-	over.....	3,500	3,600	-	-			
Electricians (inside						Less than 18 cubic							
wiremen).....	4,950	5,300	15¢	1%+20¢	-	feet.....	3,025	3,125	-	-			
Elevator constructors	4,570	4,730	7½¢	10½¢	(*)	Pumps:							
Engineers—Power equipment						1-2.....	3,025	3,125	-	-			
operators:						3-6.....	3,500	3,600	-	-			
Building construction:						Rollers.....	3,500	3,600	-	-			
Heavy equipment:						Scrapers.....	3,750	3,850	-	-			
Cranes, derricks	5,950	6,200	10¢	20¢	-	Shovels.....	3,850	3,950	-	-			
Side booms, winch						Trench machines.....	3,750	3,850	-	-			
trucks.....	5,350	5,550	10¢	20¢	-	Glaziers.....	3,600	3,650	-	-			
Hoists, portable.....	5,150	5,350	10¢	20¢	-	Lathers.....	4,000	4,125	-	-			
Compressors.....	4,800	4,950	10¢	20¢	-	Marble setters.....	3,600	3,970	-	-			
Bulldozer, tractors.....	4,580	4,750	10¢	20¢	-	Mosaic and terrazzo							
Glaziers.....	4,230	4,430	-	-	-	workers.....	3,850	3,950	-	-			
Lathers.....	4,450	4,600	15¢	10¢	-	Painters.....	3,500	3,700	-	-			
Marble setters.....	4,800	4,900	15¢	10¢	-	Spray.....	4,150	4,350	-	-			
Mosaic and terrazzo						Swing stage.....	3,900	4,100	-	-			
workers.....	4,800	4,900	15¢	10¢	-	Residential:							
Painters:						Brush.....	2,550	2,750	-	-			
Brush.....	3,925	4,125	15¢	-	-	Spray.....	2,800	3,000	-	-			
Roller, spray.....	4,950	5,150	15¢	-	-	Paperhangers.....	3,500	3,700	-	-			
Paperhangers.....	4,650	4,850	15¢	-	-	Pipefitters.....	4,110	4,310	-	-			
Pipefitters.....	5,000	5,250	10¢	15¢	-	Plasterers.....	4,000	4,125	-	-			
Plasterers.....	4,800	4,900	15¢	10¢	-	Plumbers.....	4,110	4,310	-	-			
Plumbers.....	5,000	5,250	10¢	15¢	-	Residential.....	3,288	3,448	-	-			
Rodmen.....	5,150	5,350	18½¢	11½¢	-	Rodmen.....	3,875	4,000	-	-			
Roofers, composition.....	4,750	4,950	15¢	10¢	-	Roofers, composition	3,450	3,550	-	-			
Roofers, slate and tile.....	4,750	4,950	15¢	10¢	-	Roofers, slate and tile	3,450	3,550	-	-			
Sheet-metal workers.....	4,850	5,050	15¢	10¢	-	Sheet-metal workers	4,000	4,150	10¢	-			
Stonemasons.....	4,800	4,900	15¢	10¢	-	Stonemasons.....	4,250	4,350	-	-			
Structural-iron workers.....	5,150	5,350	18½¢	11½¢	-	Structural- and ornamental-							
Tile layers.....	4,800	4,900	15¢	10¢	-	iron workers.....	3,875	4,000	-	-			
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>								
Building laborers.....	3,300	3,450	10¢	10¢	-	Tile layers.....	3,850	3,950	-	-			
Elevator constructors' helpers.....	3,200	3,310	7½¢	10½¢	(*)	WASHINGTON, D. C.							
Plasterers' laborers.....	3,400	3,550	10¢	10¢	-	<u>Journeyman</u>							
Terrazzo workers' helpers.....	3,600	3,700	-	-	-	Asbestos workers.....	4,800	4,925	10¢	-			
Tile layers' helpers.....	3,400	3,600	-	-	-	Boilermakers.....	4,450	4,600	10¢	10¢			
TULSA, OKLA.					Bricklayers.....								
<u>Journeyman</u>					Residential.....								
Asbestos workers.....	4,325	4,425	-	-	-	Elevators and deluxe							
Boilermakers.....	4,100	4,200	10¢	10¢	-	apartments.....	4,300	4,550	10¢	-			
Bricklayers.....	4,250	4,350	-	-	-	Carpenters.....	3,900	3,975	9¢	15¢			
Carpenters.....	3,700	3,800	-	-	-	Piledrivers and							
Millwrights.....	4,025	4,125	-	-	-	millwrights.....	4,025	4,100	9¢	15¢			
Piledrivers.....	3,825	3,925	-	-	-	Cement finishers.....	4,025	4,150	10¢	-			
Residential.....	2,700	2,800	-	-	-	Electricians (inside							
					wiremen).....								
					Elevator constructors.....								
					4,900					4,900	10¢	1%+10¢	
					4,620					4,620	7½¢	10½¢ (*)	

See footnotes at end of table.



Table 13. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1963, and July 1, 1964—Continued

Trade or occupation	July 1, 1963	July 1, 1964				Trade or occupation	July 1, 1963	July 1, 1964			
	Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>				Rate per hour	Rate per hour	Employer contribution to fund <sup>1</sup>		
			Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>				Insurance <sup>2</sup>	Pension	Vacation pay <sup>3</sup>
WASHINGTON, D. C.— Continued						WASHINGTON, D. C.— Continued					
<u>Journeyman</u> —Continued						<u>Journeyman</u> —Continued					
Engineers—Power equipment operators:						Plasterers.....	\$4.150	\$4.300	15¢	15¢	-
Heavy equipment:						Plumbers.....	4.650	4.910	17½¢	-	-
Cranes, shovels, piledrivers.....	\$4.320	\$4.470	12½¢	10¢	-	Rodmen.....	4.350	4.450	15¢	10¢	-
Medium equipment:						Roofers, composition.....	3.300	3.350	10¢	-	-
Hoists, single or double drum.....	4.320	4.470	12½¢	10¢	-	Roofers, slate and tile.....	3.800	3.850	10¢	-	-
Trenching machines.....	3.910	4.060	12½¢	10¢	-	Sheet-metal workers.....	4.680	4.910	-	15¢	-
Light equipment:						Stonemasons.....	4.725	4.875	15¢	15¢	-
Compressors, pumps.....	3.740	3.890	12½¢	10¢	-	Structural-iron workers.....	4.600	4.800	20¢	15¢	-
Bulldozers.....	3.720	3.870	12½¢	10¢	-	Tile layers.....	4.350	4.475	11¢	-	-
Glaziers.....	4.105	4.240	12¢	10¢	-						
Lathers.....	4.150	4.300	15¢	15¢	-	<u>Helpers and laborers</u>					
Machinists.....	4.250	4.500	11¢	-	-	Building laborers.....	2.750	2.825	9¢	8½¢	-
Marble setters.....	4.725	4.875	15¢	15¢	-	Residential.....	2.025	2.025	7½¢	-	-
Mosaic and terrazzo workers.....	4.350	4.475	11¢	-	-	Composition roofers <sup>1</sup> .....	2.750	2.800	10¢	-	-
Painters.....	4.050	4.180	10¢	-	-	helpers.....	3.230	3.230	7½¢	10½¢	( <sup>4</sup> )
Bridges, structural steel, swing stage.....	4.380	4.510	10¢	-	-	Elevator constructors <sup>5</sup> .....	3.350	3.475	14¢	-	-
Spray.....	4.050	4.180	10¢	-	-	helpers.....	3.000	3.150	10¢	-	-
Paperhangers.....	4.050	4.180	10¢	-	-	Marble setters' helpers.....	3.000	3.150	10¢	-	-
Pipefitters.....	4.700	4.960	12½¢	-	-	Plasterers' laborers.....	2.900	2.900	10¢	10¢	-
Refrigeration and air-conditioner fitters.....	4.150	4.260	12½¢	-	-	Plumbers' laborers.....	3.350	3.475	11¢	-	-
Sprinkler fitters.....	4.125	4.275	11¢	10¢	-	Terrazzo workers <sup>6</sup> .....	3.350	3.475	11¢	-	-
						helpers.....	3.350	3.475	11¢	-	-
						Tile layers' helpers.....	3.350	3.475	11¢	-	-

<sup>1</sup> Shown in terms of cents per hour or as percent of rate; in actual practice, however, some employer payments are calculated on the basis of total hours or gross payroll. These variations in method of computation are not indicated in this table.

<sup>2</sup> Includes life insurance, hospitalization, and other types of health and welfare benefits; excludes payments into holiday, vacation, and unemployment funds when such programs have been negotiated.

<sup>3</sup> Payments are to a fund unless otherwise indicated.

<sup>4</sup> After 6 months of service, 2 percent of hourly rate for all hours worked; after 5 years of service, 4 percent of hourly rate for all hours worked.

<sup>5</sup> Part of the negotiated scale; not included in basic scale shown.

<sup>6</sup> After 1 year of service, 1 week.

<sup>7</sup> After 1 year of service, 1 week; after 5 years of service, 2 weeks.

<sup>8</sup> Contract provides for this benefit; amount of payment not reported separately.

<sup>9</sup> 35-hour workweek.

<sup>10</sup> Contract provides for this benefit; payments suspended until July 6, 1964.

<sup>11</sup> For each 20 days worked in previous year, 1 day, not to exceed 2 weeks.

<sup>12</sup> This rate in effect prior to July 1, 1964; new scale in negotiation at time of survey.

<sup>13</sup> Includes contribution for pension; separate data not available.

<sup>14</sup> To worker each pay period as part of the negotiated scale; not included in basic scale shown.

<sup>15</sup> For each 30 calendar days on active payroll, 1 day, not to exceed 2 weeks.

<sup>16</sup> Information not available for rate and hours on July 1, 1963.

<sup>17</sup> To worker each pay period in addition to negotiated basic scale.

<sup>18</sup> After 1 year of service, 1 week, 40 hours, at regular rate of pay; after 2 years of service, 2 weeks, 80 hours, at regular rate of pay.

<sup>19</sup> Part of the negotiated scale; not included in basic scale shown. Includes contribution for vacation and sick benefit; separate data not available.

<sup>20</sup> Includes contribution for vacation and holidays; separate data not available.

<sup>21</sup> Less than 5 years of service, 2½ percent of straight-time earnings in a year, not to exceed 40 hours' straight-time pay; after 5 years of service, 5 percent of straight-time earnings in a year, not to exceed 80 hours' straight-time pay.

<sup>22</sup> To worker at time of vacation.

<sup>23</sup> Employer contribution 5 cents per roll of wallpaper.

<sup>24</sup> After 1 year of service, 2 percent of gross earnings; after 5 years of service, 4 percent of gross earnings.

<sup>25</sup> Includes contribution for vacation, separate data not available.

<sup>26</sup> After 1 year of service, 1 week; after 2 years of service, 2 weeks.

<sup>27</sup> Worker is credited with 6½ hours of vacation for each month of service or part thereof.

<sup>28</sup> After 5 years of service with 1,500 hours worked in previous year, 1 week at previous year's scale. If worked less than 1,500 hours, vacation is prorated.

<sup>29</sup> 42½-hour workweek.

<sup>30</sup> After 1 year of service, 5 days' vacation; after 5 years, 10 days' vacation; after 10 years, 12 days' vacation; after 15 years, 13 days' vacation; after 16 years, 14 days' vacation; after 17 years, 15 days' vacation.

<sup>31</sup> 25-hour workweek.

<sup>32</sup> 30-hour workweek.

<sup>33</sup> 1 day of vacation for every 20 days worked.

<sup>34</sup> 1 hour of vacation accumulated for each 40 hours worked.

<sup>35</sup> After 1 year of service with 1,200 hours worked, 1 week; after 3 years of service, 2 weeks.

<sup>36</sup> 37½-hour workweek.

<sup>37</sup> After 1 year of service with 1,600 hours worked, 1 week; after 5 years of service, 2 weeks.

<sup>38</sup> Scale decrease between July 1, 1963, and July 1, 1964.

<sup>39</sup> ½ day of vacation for each month in which 12 days are worked for the same employer; maximum 5 days from a single employer.

<sup>40</sup> After 1 year of service, 1 week; after 2 years of service, 2 weeks; after 12 years of service, 3 weeks.

<sup>41</sup> After 1 year of service, 2 weeks.

<sup>42</sup> Each calendar month on active payroll, 6 hours' vacation pay.

<sup>43</sup> After 1 year of service with 1,800 hours worked, 2 weeks. After 15 years of service, 3 weeks. If worked less than 1,800 hours, vacation is prorated.

<sup>44</sup> Up to 1 year, 2 hours pay per week; after 1 year, 80 hours pay.

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